Gemiddelc	Gemiddeld	Unique cor	Unique cor	Geocode (t	Gebruiksc	BSQ 2023 (	Gemiddeld	Gemiddelc	Unique cor	Unique cor	Count(Hoo	First(Stads	First(Buurt	Geocode	Gebruiksc	BSQ2021	BSQ 2023 (	verschil_2(	verschil_2(	Gemiddelde WOZ-wa	Gemiddelde opstalw	verschil_2(	verschil_2021_M3E [Binned]
8430,293	4915,706	[redacted]	[redacted]	00019A06l	STWO	38	8430,293	5292,868	[redacted]	[redacted]	30	A	A06l	00019A06l	STWO	44	42	-2	-6	7,859.686	4,834.514	-1.55	-6.25
6519,256	4198,671			00027M31	STWO	46	6519,256	3470,622			360	M	M31b	00027M31b	STWO	38	35	-3	8	6,277.225	3,989.588	-3.65	9.35
7647,894	3937,469			00035A06c	EGWO	41	7647,894	4532,265			5	A	A06c	00035A06c	EGWO	47	49	2	-6	7,859.686	3,989.588	2.65	-6.25
7700,708	4555,469			00035A06c	STWO	38	7700,708	4744,246			21	A	A06c	00035A06c	STWO	43	39	-4	-5	7,859.686	4,412.051	-3.65	-6.25
7204,549	4203,956			00043M27	STWO	49	7204,549	3203,056			59	M	M27a	00043M27a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
8156,661	4310,368			00051A06k	EGWO	45	8156,661	4280,092			3	A	A06k	00051A06k	EGWO	49	49	0	-4	7,859.686	4,412.051	0.55	-2.35
7559,269	4371,976			00051A06k	STWO	46	7559,269	3927,55			9	A	A06k	00051A06k	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
7825,758	4015,794			00078A05c	EGWO	49	7825,758	4648,663			1	A	A05d	00078A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7331,701	4672,588			00078A05f	STWO	29	7331,701	5232,429			8	A	A05f	00078A05f	STWO	38	36	-2	-9	7,859.686	4,834.514	-1.55	-10.15
7012,336	4541,819			00086M32	STWO	41	7118,195	4001,971			14	M	M32a	00086M32a	STWO	37	35	-2	4	6,277.225	4,412.051	-1.55	5.45
5738,368	4149,639			00094A09e	STWO	32	5738,368	3822,997			12	A	A09e	00094A09e	STWO	32	27	-5	0	6,277.225	3,989.588	-5.75	1.55
7124,627	4218,587			00108E20a	STWO	49	7124,627	3174,774			96	E	E20a	00108E20a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7493,337	4297,781			00108E20b	STWO	49	7493,337	3729,841			67	E	E20b	00108E20b	STWO	42	43	1	7	7,859.686	4,412.051	0.55	5.45
7570,584	4197,627			00108E22a	STWO	49	7570,584	2936,563			16	E	E22a	00108E22a	STWO		45			7,859.686	3,989.588		
6368,984	4598,437			00116N60a	EGWO	35	6368,984	4181,959			7	N	N60a	00116N60a	EGWO	27	29	2	8	6,277.225	4,412.051	2.65	9.35
8859,34	4367,345			00124A06l	EGWO	43	8859,34	4940,125			3	A	A06l	00124A06l	EGWO	49	49	0	-6	9,442.146	4,412.051	0.55	-6.25
7516,94	4879,812			00124A06l	STWO	38	7516,94	5167,17			8	A	A06l	00124A06l	STWO	45	41	-4	-7	7,859.686	4,834.514	-3.65	-6.25
7315,625	4069,43			00132A06a	EGWO	40	7315,625	4526,949			3	A	A06a	00132A06a	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
8169,687	4747,152			00132A06a	STWO	38	8169,687	5082,327			41	A	A06a	00132A06a	STWO	44	41	-3	-6	7,859.686	4,834.514	-3.65	-6.25
6346,32				00140E20a	EGWO	46	6346,32				1	E	E20a	00140E20a	EGWO		49			6,277.225			
7668,007	4350,632			00140E20a	STWO	49	7668,007	3630,502			182	E	E20a	00140E20a	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
6293,026	3059,855			00140E20b	EGWO	49	6293,026	3096,493			6	E	E20b	00140E20b	EGWO					6,277.225	3,144.662		
7579,489	4207,9			00140E20b	STWO	49	7579,489	3036,59			203	E	E20b	00140E20b	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55
5758,678	2670,77			00140E20c	EGWO		5758,678	2374,511			2	E	E20c	00140E20c	EGWO					6,277.225	2,722.199		
7463,216	4281,437			00140E20c	STWO	49	7463,216	3140,06			171	E	E20c	00140E20c	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7410,342	4254,907			00140E21a	STWO	49	7410,342	3175,13			236	E	E21a	00140E21a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6608,2	4080,94			00159E16a	STWO	48	6608,2	3373,797			57	E	E16a	00159E16a	STWO	40	38	-2	8	6,277.225	3,989.588	-1.55	9.35
6983,661	4434,3			00159E16b	STWO	48	6983,661	3649,794			121	E	E16b	00159E16b	STWO	38	36	-2	10	6,277.225	4,412.051	-1.55	9.35
6610,063	3357,964			00167K24c	EGWO	47	6610,063	3804,962			1	K	K24c	00167K24c	EGWO					6,277.225	3,567.125		
7790,522	4340,578			00167K24c	STWO	49	7790,522	3384,981			111	K	K24c	00167K24c	STWO	47	44	-3	2	7,859.686	4,412.051	-3.65	1.55
7352,193	4328,192			00175K24c	STWO	48	7348,841	3820,214			117	K	K24d	00175K24d	STWO	43	41	-2	5	7,859.686	4,412.051	-1.55	5.45
7310,115	4212,272			00175K24e	STWO	49	7310,115	3326,294			161	K	K24e	00175K24e	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7938,239	4575,265			00183K24c	STWO	49	7938,239	3609,997			198	K	K24d	00183K24d	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7458,202	4310,656			00183K24e	STWO	49	7458,202	3359,01			164	K	K24e	00183K24e	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7479,134	4746,5			00191E14c	STWO	49	7479,134	3897,919			4	E	E14d	00191E14d	STWO	39	38	-1	10	7,859.686	4,834.514	-1.55	9.35
7846,996	4551,666			00191E14e	STWO	49	7846,996	3833,928			49	E	E14e	00191E14e	STWO	43	42	-1	6	7,859.686	4,412.051	-1.55	5.45
7893,238	4682,238			00191E14f	STWO	49	7893,238	4048,452			40	E	E14f	00191E14f	STWO	43	41	-2	6	7,859.686	4,834.514	-1.55	5.45
7379,739	4412,02			00205E16a	STWO	49	7379,739	3628,156			75	E	E16a	00205E16a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7706,071	3930,664			00213A06g	EGWO	40	7706,071	4523,348			7	A	A06g	00213A06g	EGWO	46	46	0	-6	7,859.686	3,989.588	0.55	-6.25
8164,384	4923,211			00213A06g	STWO	35	8164,384	5586,522			33	A	A06g	00213A06g	STWO	42	39	-3	-7	7,859.686	4,834.514	-3.65	-6.25
6217,379	4438,547			00221A09e	STWO	27	6519,815	5050,16			4	A	A09e	00221A09e	STWO	35	32	-3	-8	6,277.225	4,412.051	-3.65	-6.25
7589,539	3951,61			00248A06c	EGWO	44	7589,539	4404,739			5	A	A06c	00248A06c	EGWO	49	48	-1	-5	7,859.686	3,989.588	-1.55	-6.25
7751,631	4644,044			00248A06c	STWO	37	7751,631	4945,399			22	A	A06c	00248A06c	STWO	43	40	-3	-6	7,859.686	4,834.514	-3.65	-6.25
7541,499	3816,441			00256A06k	EGWO	45	7541,499	4416,873			2	A	A06k	00256A06k	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
8147,458	4746,204			00256A06k	STWO	37	8147,458	5135,599			13	A	A06k	00256A06k	STWO	45	42	-3	-8	7,859.686	4,834.514	-3.65	-6.25
7345,397	3502,943			00264A06g	EGWO	45	7345,397	3755,012			5	A	A06g	00264A06g	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
7495,66	4523,027			00264A06g	STWO	42	7495,66	4343,547			41	A	A06g	00264A06g	STWO	43	39	-4	-1	7,859.686	4,412.051	-3.65	-2.35
7141,734	4336,486			00299E14a	STWO	49	7141,734	3447,788			81	E	E14a	00299E14a	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
7331,864	4354,063			00302M27	STWO	49	7331,864	3550,715			113	M	M27a	00302M27a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
5669,6	3838,466			00302M28	STWO	41	5669,6	3415,23			97	M	M28a	00302M28a	STWO	35	32	-3	6	6,277.225	3,989.588	-3.65	5.45
6319,085	4050,122			00302M28	STWO	36	6319,085	4150,625			139	M	M28d	00302M28d	STWO	35	34	-1	1	6,277.225	3,989.588	-1.55	1.55
7123,421	4378,639			00310A06h	STWO	42	7123,421	4183,216			16	A	A06h	00310A06h	STWO	42	39	-3	0	7,859.686	4,412.051	-3.65	1.55
6177,899	3932,5			00329M55	STWO	35	6177,899	4018,597			24	M	M55b	00329M55b	STWO	36	35	-1	-1	6,277.225	3,989.588	-1.55	-2.35
8323,529	4599,426			00337A06g	EGWO	45	8323,529				1	A	A06g	00337A06g	EGWO	49	49	0	-4	7,859.686	4,412.051	0.55	-2.35
7812,245	4629,441			00337A06g	STWO	44	7812,245	4411,833			10	A	A06g	00337A06g	STWO	44	41	-3	0	7,859.686	4,834.514	-3.65	1.55
6309,942	3238,952			00345K45a	EGWO	46	6309,942	3709,81			1	K	K45a	00345K45a	EGWO	47	48	1	-1	6,277.225	3,144.662	0.55	-2.35
7692,729	4449,035			00345K45a	STWO	49	7692,729	3951,957			94	K	K45a	00345K45a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7490,81	4429,556			00353K24e	STWO	49	7490,81	3573,918			41	K	K24e	00353K24e	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7592,155	3779,489			00361A06l	EGWO	43	7592,155	4398,023			4	A	A06l	00361A06l	EGWO	49	49	0	-6	7,859.686	3,989.588	0.55	-6.25
7916,766	4653,301			00361A06l	STWO	40	7916,766	4815,302			29	A	A06l	00361A06l	STWO	43	41	-2	-3	7,859.686	4,834.514	-1.55	-2.35
7251,467	4307,191			00388K24b	STWO	49	7251,467	3834,454			44	K	K24b	00388K24b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
7584,661	4435,435			00388K24e	STWO	49	7584,661	3536,169			93	K	K24e	00388K24e	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
6696,984	4291,101			00396M29	STWO	37	6696,984	4383,17			148	M	M29a	00396M29a	STWO	38	35	-3	-1	6,277.225	4,412.051	-3.65	-2.35
5926,12	4186,142			00396M29	STWO	47	6006,422	3657,587			74	M	M29b	00396M29b	STWO	39	37	-2	8	6,277.225	3,989.588	-1.55	9.35
6198,401	4085,675			00418N61c	EGWO	42	6198,401	3562,774			24	N	N61c	00418N61c	EGWO	35	34	-1	7	6,277.225	3,989.588	-1.55	5.45
6669,243	3601,5			00426A07e	EGWO	48	6669,243	4271,758			7	A	A07e	00426A07e	EGWO	49	49	0	-1	6,277.225	3,567.125	0.55	-2.35
6866,672	4506,252			00426A07e	STWO	36	6866,672	4783,808			117	A	A07e	00426A07e	STWO	40	37	-3	-4	6,277.225	4,412.051	-3.65	-2.35
7313,527	4360,23			00434A07f	STWO	49	7313,527	3627,382			20	A	A07f	00434A07f	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7901,25	4130,079			00450A06l	EGWO	43	7901,25	4294,266			5	A	A06l	00450A06l	EGWO	49	48	-1	-6	7,859.686	3,989.588	-1.55	-6.25
8076,785	4773,619			00450A06l	STWO	38	8076,785	5254,676			28	A	A06l	00450A06l	STWO	43	41	-2	-5	7,859.686	4,834.514	-1.55	-6.25
6461,474	4121,25			00469M31	STWO	44	6461,474	3471,545			232	M	M31b	00469M31b	STWO	39	35	-4	5	6,277.225	3,989.588	-3.65	5.45
7787,211	4059,299			00477A06c	EGWO	39	7787,211	4626,813			7	A	A06c	00477A06c	EGWO	47	48	1	-8	7,859.686	3,989.588	0.55	-6.25
7432,706	4384,541			00477A06c	STWO	40	7432,706	4149,795			22	A	A06c	00477A06c	STWO	44	40	-4	-4	7,859.686	4,412.051	-3.65	-2.35
4781,437				00485M28	EGWO		4781,437	3068,109			1	M	M28a	00485M28a	EGWO					4,694.765			
6807,899	4419,698			00485M28	STWO	46	6807,899	3695,418			153	M	M28a	00485M28a	STWO	35	35	0	11	6,277.225	4,412.051	0.55	9.35
7027,011	3694,199			00493A06k	EGWO	45	7027,011	4364,702			2	A	A06k	00493A06k	EGWO	49	49	0	-4	6,277.225	3,567.125	0.55	-2.35
7973,032	4573,186			00493A06k	STWO	37	7973,032	5081,086			21	A	A06k	00493A06k	STWO	45	41	-4	-8	7,859.686	4,834.514	-3.65	-6.25
7866,202	4324,137			00507A05c	STWO	47	7866,202	3663,723			15	A	A05d	00507A05d	STWO	46	45	-1	1	7,859.686	4,412.051	-1.55	1.55
5415,631	3995,625			00515M32	STWO	31	5415,631	4311,249			14	M	M32a	00515M32a	STWO	31	27	-4	0	4,694.765	3,989.588	-3.65	1.55
6907,802	3541,526			00531E20b	EGWO	49	6907,802	3088,568			5	E	E20b	00531E20b	EGWO					6,277.225	3,567.125		
7421,396	4273,897			00531E20b	STWO	49	7421,396	3380,535			70	E	E20b	00531E20b	STWO	47	41	-6	2	7,859.686	4,412.051	-5.75	1.55
8111,91	4312,352			00531E22a	STWO	49	8111,91	3223,888			19	E	E22a	00531E22a	STWO		45			7,859.686	4,412.051		
7639,73	4074,139			00531E22b	STWO	49	7639,73	2607,535			13	E	E22b	00531E22b	STWO	44	40	-4	5	7,859.686	3,989.588	-3.65	5.45
6178,319	4886,803			00558N60a	EGWO	38	6178,319	4319,633			6	N	N60a	00558N60a	EGWO	52	34	2	6	6,277.225	4,834.514	2.65	5.45
8229,508	4017,418			00566A06l	EGWO	43	8229,508	4824,547			1	A	A06l	00566A06l	EGWO	49	49	0	-6	7,859.686	3,989.588	0.55	-6.25
7938,619	4571,781			00566A06l	STWO	41	7938,619	4760,419			26	A	A06l	00566A06l	STWO	45	41	-4	-4	7,859.686	4,412.051	-3.65	-2.35
7905,87	4075,174			00574A06a	EGWO	40	7905,87	4741,408			3	A	A06a	00574A06a	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
7507,966	4559,26			00574A06a	STWO	37	7507,966	4786,701			14	A	A06a	00574A06a	STWO	43	39	-4	-6	7,859.686	4,412.051	-3.65	-6.25
6335,905	3048,879			00582E20a	EGWO	46	6335,905	3426,361			3	E	E20a	00582E20a	EGWO		49			6,277.225	3,144.662		
8179,71	4412,548			00582E20a	STWO	49	8179,71	3391,289			214	E	E20a	00582E20a	STWO	48	46	-2	1	7,859.686	4,412.051	-1.55	1.55
7085,181	4309,255			00590E16b	STWO	49	7085,181	3451,729			82	E	E16b	00590E16b	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
6831,27	4029,994			00590E16c	STWO	49	6831,27	3429,978			68	E	E16c	00590E16c	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
7421,873	4412,772			00604K24b	STWO	48	7421,873	3872,813			195	K	K24b	00604K24b	STWO	43	40	-3	5	7,859.686	4,412.051	-3.65	5.45
7479,474	4261,123			00612K24a	STWO	49	7481,186	3353,336			260	K	K24a	00612K24a	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7244,488	4211,621			00612K24e	STWO	49	7244,488	3185,064			99	K	K24e	00612K24e	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7662,583	4351,987			00620K24a	STWO	49	7662,583	3365,104			154	K	K24a	00620K24a	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55
7382,767	4243,693			00620K24e	STWO	49	7382,767	3217,843			122	K	K24e	00620K24e	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7369,13	4429,097			00647E14e	STWO	49	7369,13	3618,714			20	E	E14e	00647E14e	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7573,748	4458,84			00647E14f	STWO	49	7573,748	3678,504			11	E	E14f	00647E14f	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7394,342	4240,49			00655E18a	STWO	49	7431,567	3362,389			77	E	E18a	00655E18a	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55
7648,066	4498,349			00655E18b	STWO	49	7648,066	3759,358			14	E	E18b	00655E18b	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7410,128	4369,969			00655E19c	STWO	49	7410,128	3544,223			80	E	E19c	00655E19c	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45

	MBM	M3E
Verzamelber	*Frequentie*	*Frequentie*
-25	0	0
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-19	0	0
-17	0	0
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-13	0	31
-11	1	46
-9	13	115
-7	46	154
-5	237	223
-3	1157	352
-1	1382	376
1	1105	1065
3	685	592
5	443	734
7	89	645
9	24	474
11	1	221
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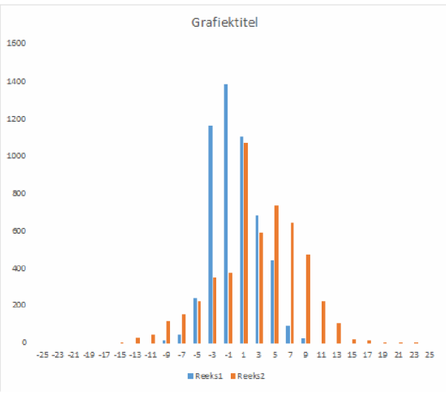

7452,584	3611,749	[redacted]	00663A06g	EGWO	45	7452,584	3940,821	[redacted]	4	A	A06g	00663A06g	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
7737,741	4660,671		00663A06g	STWO	35	7737,741	5065,866		32	A	A06g	00663A06g	STWO	42	40	-2	-7	7,859.686	4,834.514	-1.55	-6.25
8970,297	4308,584		00671A09e	EGWO	49	8970,297	5459,667		1	A	A09e	00671A09e	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
5519,608	4123,009		00671A09e	STWO	25	5854,763	4434,6		5	A	A09e	00671A09e	STWO	31	32	1	-6	6,277.225	3,989.588	0.55	-6.25
8194,129	3796,097		00698A06c	EGWO	49	8194,129	3583,545		7	A	A06c	00698A06c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7423,999	4482,734		00698A06c	STWO	37	7423,999	4662,463		28	A	A06c	00698A06c	STWO	43	39	-4	-6	7,859.686	4,412.051	-3.65	-6.25
8021,532	4585,142		00701A06k	EGWO	46	8021,532	4140,326		10	A	A06k	00701A06k	STWO	45	43	-2	1	7,859.686	4,412.051	-1.55	1.55
7310,606	3162,57		00728A06g	EGWO	45	7310,606	2644,834		1	A	A06g	00728A06g	EGWO	49	49	0	-4	7,859.686	3,144.662	0.55	-2.35
7817,084	4274,181		00728A06g	STWO	43	7817,084	4557,305		9	A	A06g	00728A06g	STWO	45	43	-2	-2	7,859.686	4,412.051	-1.55	-2.35
6934,204	4399,286		00744A06e	STWO	28	6934,204	4677,02		11	A	A06e	00744A06e	STWO	38	35	-3	-10	6,277.225	4,412.051	-3.65	-10.15
6626,528	4178,506		00752E14a	STWO	49	6626,528	3339,074		11	E	E14a	00752E14a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6967,795	4056,522		00752E14b	STWO	45	6967,795	3856,153		9	E	E14b	00752E14b	STWO	41	38	-3	4	6,277.225	3,989.588	-3.65	5.45
6389,349	3157,011		00760M28	EGWO	45	6389,349	3517,282		15	M	M28c	00760M28c	EGWO	49	49	0	-4	6,277.225	3,144.662	0.55	-2.35
6318,374	3950,578		00760M28	STWO	48	6318,374	3056,406		257	M	M28c	00760M28c	STWO	38	37	-1	10	6,277.225	3,989.588	-1.55	9.35
7341,018	4377,256		00760M28	STWO	44	7341,018	4167,492		92	M	M28d	00760M28d	STWO	41	40	-1	3	7,859.686	4,412.051	-1.55	1.55
7381,783	4211,522		00779A06h	STWO	47	7381,783	3619,42		2	A	A06h	00779A06h	STWO	46	44	-2	1	7,859.686	4,412.051	-1.55	1.55
7172,232	3235		00795A06g	EGWO	45	7172,232	3751,435		2	A	A06g	00795A06g	EGWO	49	49	0	-4	7,859.686	3,144.662	0.55	-2.35
7378,887	4494,313		00795A06g	STWO	45	7378,887	3939,702		15	A	A06g	00795A06g	STWO	42	38	-4	3	7,859.686	4,412.051	-3.65	1.55
6957,352	3385,956		00809K45a	EGWO	46	6957,352	3575,053		3	K	K45a	00809K45a	EGWO	47	48	1	-1	6,277.225	3,567.125	0.55	-2.35
7173,518	4276,724		00809K45a	STWO	49	7173,518	3475,038		63	K	K45a	00809K45a	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
7633,691	4393,314		00817K25b	STWO	49	7633,691	3863,442		50	K	K25b	00817K25b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
8007,975	4655,87		00825A06l	STWO	40	8007,975	4874,325		29	A	A06l	00825A06l	STWO	45	42	-3	-5	7,859.686	4,834.514	-3.65	-6.25
7168,266	4298,8		00833K25b	STWO	49	7168,266	3396,851		33	K	K25b	00833K25b	STWO	45	40	-5	4	7,859.686	4,412.051	-5.75	5.45
7194,397	4266,457		00833K25c	STWO	49	7194,397	3305,452		75	K	K25c	00833K25c	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6850,627	4192,044		00833K26c	STWO	49	6850,627	3391,395		99	K	K26c	00833K26c	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
6527,693	4127,821		00841M29	STWO	48	6527,693	3378,751		94	M	M29b	00841M29b	STWO	40	37	-3	8	6,277.225	3,989.588	-3.65	9.35
6273,321	3995,324		00868N61c	EGWO	44	6273,321	3484,694		20	N	N61c	00868N61c	EGWO	35	36	1	9	6,277.225	3,989.588	0.55	9.35
8995,029	4119,064		00876A07e	EGWO	49	8995,029	4296,855		13	A	A07e	00876A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7543,867	4582,422		00876A07e	STWO	41	7543,867	4446,219		147	A	A07e	00876A07e	STWO	42	39	-3	-1	7,859.686	4,412.051	-3.65	-2.35
7284,072	4257,026		00884A07f	STWO	49	7284,072	3717,152		9	A	A07f	00884A07f	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6163,45	4128,921		00892A09c	STWO	26	6163,45	4615,423		116	A	A09c	00892A09c	STWO	34	32	-2	-8	6,277.225	3,989.588	-1.55	-6.25
7420,441	3533,979		00906A06l	EGWO	43	7420,441	3647,611		2	A	A06l	00906A06l	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
8080,95	4776,447		00906A06l	STWO	39	8080,95	4994,286		19	A	A06l	00906A06l	STWO	44	41	-3	-5	7,859.686	4,834.514	-3.65	-6.25
6508,333	3756,262		00914A06a	EGWO	40	6508,333	4610,446		2	A	A06a	00914A06a	EGWO	47	48	1	-7	6,277.225	3,567.125	0.55	-6.25
7411,622	4482,828		00914A06a	STWO	42	7411,622	4297,246		10	A	A06a	00914A06a	STWO	41	39	-2	1	7,859.686	4,412.051	-1.55	1.55
6550,348	3230,233		00922E20a	EGWO	46	6550,348	3436,182		2	E	E20a	00922E20a	EGWO		49			6,277.225	3,144.662		
7661,785	4234,112		00922E20a	STWO	49	7661,785	3060,757		206	E	E20a	00922E20a	STWO	47	45	-2	2	7,859.686	4,412.051	-1.55	1.55
7675,717	4499,187		00930E16b	STWO	49	7675,717	3774,717		65	E	E16b	00930E16b	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
7641,306	4403,914		00957E21a	STWO	49	7641,306	3555,221		118	E	E21a	00957E21a	STWO	43	42	-1	6	7,859.686	4,412.051	-1.55	5.45
8497,781	4382,641		00965A06c	EGWO	44	8497,781	4553,217		2	A	A06c	00965A06c	EGWO	49	49	0	-5	7,859.686	4,412.051	0.55	-6.25
7696,253	4549,668		00965A06c	STWO	43	7696,253	4401,344		39	A	A06c	00965A06c	STWO	43	41	-2	0	7,859.686	4,412.051	-1.55	1.55
7512,219	4401,442		00973A06g	STWO	43	7512,219	4262,045		23	A	A06g	00973A06g	STWO	44	41	-3	-1	7,859.686	4,412.051	-3.65	-2.35
6890,293	4198,102		01007M28	STWO	44	6890,293	3799,203		275	M	M28c	01007M28c	STWO	40	39	-1	4	6,277.225	3,989.588	-1.55	5.45
6594,692	4120,243		01007M28	STWO	43	6594,692	3729,122		146	M	M28d	01007M28d	STWO	40	39	-1	3	6,277.225	3,989.588	-1.55	1.55
8013,433	4331,018		01015K45a	EGWO	46	8013,433	4220,497		11	K	K45a	01015K45a	EGWO	47	47	0	-1	7,859.686	4,412.051	0.55	-2.35
7451,29	4486,202		01015K45a	STWO	47	7451,29	3959,181		129	K	K45a	01015K45a	STWO	41	39	-2	6	7,859.686	4,412.051	-1.55	5.45
6303,396	4044,266		01023N61c	EGWO	44	6303,396	3486,434		22	N	N61c	01023N61c	EGWO	35	36	1	9	6,277.225	3,989.588	0.55	9.35
9011,51	3894,804		01031A07e	EGWO	49	9011,51	3717,051		11	A	A07e	01031A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7628,265	4576,441		01031A07e	STWO	39	7628,265	4650,816		52	A	A07e	01031A07e	STWO	42	40	-2	-3	7,859.686	4,412.051	-1.55	-2.35
5756,837	3946,722		01058A09c	STWO	31	5756,837	3974,309		50	A	A09c	01058A09c	STWO	34	31	-3	-3	6,277.225	3,989.588	-3.65	-2.35
6097,204	4190,682		01066N61c	EGWO	40	6097,204	3626,233		18	N	N61c	01066N61c	EGWO	33	31	-2	7	6,277.225	3,989.588	-1.55	5.45
5721,724	4393,293		01074N61c	EGWO	39	5721,724	3755,561		18	N	N61c	01074N61c	EGWO	31	31	0	8	6,277.225	4,412.051	0.55	9.35
6829,613	4963,968		01082N61c	EGWO	44	6829,613	4466,936		4	N	N61c	01082N61c	EGWO	36	36	0	8	6,277.225	4,834.514	0.55	9.35
4406,515	2501,896		01120N70a	EGWO	45	4406,515	2278,671		4	N	N70a	01120N70a	EGWO	39	40	1	6	4,694.765	2,299.736	0.55	5.45
3798,689	3549,821		01120N70a	STWO	7	3798,689	3746,706		20	N	N70a	01120N70a	STWO	7	9	2	0	3,112.304	3,567.125	2.65	1.55
4454,525	2659,174		01139F78b	EGWO	37	4454,525	2592,056		15	F	F78b	01139F78b	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
4118,086	3443,024		01139F78c	STWO	17	4118,086	3425,605		102	F	F78c	01139F78c	STWO	14	15	1	3	4,694.765	3,567.125	0.55	1.55
6743,912	4139,676		01163K44c	STWO	49	6743,912	3287,779		17	K	K44c	01163K44c	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
6996,751	4292,394		01163K44d	STWO	49	6996,751	3445,319		8	K	K44d	01163K44d	STWO	42	39	-3	7	6,277.225	4,412.051	-3.65	5.45
6582,787	4134,298		01171K44c	STWO	49	6582,787	3295,195		193	K	K44c	01171K44c	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
6645,792	4207,925		01171K44d	STWO	49	6645,792	3374,383		175	K	K44d	01171K44d	STWO	39	38	-1	10	6,277.225	4,412.051	-1.55	9.35
6481,849	3580,716		01198N72a	EGWO	42	6481,849	3023,193		2	N	N72a	01198N72a	EGWO	36	40	4	6	6,277.225	3,567.125	4.75	5.45
4747,832	3221,28		01201N65c	EGWO	31	4747,832	3272,741		14	N	N65c	01201N65c	EGWO	30	32	2	1	4,694.765	3,144.662	2.65	1.55
4350,583	3043,248		01228F77a	EGWO	28	4350,583	3120,15		18	F	F77a	01228F77a	EGWO	24	30	6	4	4,694.765	3,144.662	6.85	5.45
6764,206	4108,075		01236K44c	STWO	49	6764,206	3225,597		83	K	K44c	01236K44c	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
4222,222	2916,148		01244T92g	EGWO		4222,222	3628,61		1	T	T92g	01244T92g	EGWO					4,694.765	2,722.199		
4685,112	3222,583		01295N65c	EGWO	32	4685,112	3186,11		58	N	N65c	01295N65c	EGWO	29	31	2	3	4,694.765	3,144.662	2.65	1.55
4526,993	3915,496		01295N65c	STWO	18	4526,993	3449,111		13	N	N65c	01295N65c	STWO	17	14	-3	1	4,694.765	3,989.588	-3.65	1.55
7017,746	4193,643		01317K48f	STWO	49	7017,746	3330,611		192	K	K48f	01317K48f	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
7517,212	3464,116		01325A07h	EGWO	49	7517,212	3915,816		2	A	A07h	01325A07h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
5838,763	3930,749		01325A07h	STWO	48	5838,763	2764,782		4	A	A07h	01325A07h	STWO	46	43	-3	2	6,277.225	3,989.588	-3.65	1.55
7031,829	3792,416		01333N73h	EGWO	42	7031,829	3811,207		7	N	N73h	01333N73h	EGWO	43	45	2	-1	6,277.225	3,989.588	2.65	-2.35
5152,557	3838,759		01333N73h	STWO	13	5152,557	2642,433		4	N	N73h	01333N73h	STWO	9	8	-1	4	4,694.765	3,989.588	-1.55	5.45
9334,71	4288,595		01341A07g	EGWO	49	9334,71	4201,358		8	A	A07g	01341A07g	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
8732,58	4751,146		01341A07g	STWO	39	8732,58	5372,139		24	A	A07g	01341A07g	STWO	47	44	-3	-8	9,442.146	4,834.514	-3.65	-6.25
9557,958	4852,02		01341A07h	EGWO	49	9557,958	4319,193		2	A	A07h	01341A07h	EGWO	49	49	0	0	9,442.146	4,834.514	0.55	1.55
7532,83	4885,805		01341A07h	STWO	48	7532,83	4540,653		7	A	A07h	01341A07h	STWO	46	43	-3	2	7,859.686	4,834.514	-3.65	1.55
7023,862	3725,042		01368N73h	EGWO	47	7023,862	3715,341		13	N	N73h	01368N73h	EGWO	44	48	4	3	6,277.225	3,567.125	4.75	1.55
4542,998	3058,577		01376F89b	EGWO	31	4542,998	3114,172		33	F	F89b	01376F89b	EGWO	30	33	3	1	4,694.765	3,144.662	2.65	1.55
4153,881	2704,109		01392N61b	EGWO	41	4286,953	2520,21		7	N	N61b	01392N61b	EGWO	36	38	2	5	4,694.765	2,722.199	2.65	5.45
4826,481	3624,489		01392N61b	STWO	39	4826,481	2862,237		139	N	N61b	01392N61b	STWO	27	24	-3	12	4,694.765	3,567.125	-3.65	13.25
5678,627	3937,533		01392N61c	STWO	41	5678,627	3336,294		8	N	N61c	01392N61c	STWO	32	31	-1	9	6,277.225	3,989.588	-1.55	9.35
5581,56	3788,262		01430E37c	STWO	44	5584,6	2827,665		329	E	E37c	01430E37c	STWO	33	31	-2	11	6,277.225	3,989.588	-1.55	9.35
5976,567	3864,408		01430E37d	STWO	48	5988,323	2869,986		92	E	E37d	01430E37d	STWO	39	36	-3	9	6,277.225	3,989.588	-3.65	9.35
5667,319	3783,058		01430E37e	STWO	49	5683,018	2708,806		246	E	E37e	01430E37e	STWO	36	33	-3	13	6,277.225	3,989.588	-3.65	13.25
5676,534	3830,406		01430E37f	STWO	49	5685,227	2837,51		263	E	E37f	01430E37f	STWO	35	32	-3	14	6,277.225	3,989.588	-3.65	13.25
6093,549	4041,086		01430E37g	STWO	49	6093,549	3048,485		115	E	E37g	01430E37g	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
6577,436	4098,049		01430E40a	STWO	49	6577,436	3070,806		20	E	E40a	01430E40a	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
6118,511	3914,875		01430E40b	STWO	49	6133,993	2741,586		226	E	E40b	01430E40b	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
5965,669	3809,101		01430E40c	STWO	49	5970,518	2615,62		149	E	E40c	01430E40c	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
5765,867	3805,082		01430E75a	STWO	49	5765,867	2927,457		108	E	E75a	01430E75a	STWO	35	34	-1	14	6,277.225	3,989.588	-1.55	13.25
6746,887	4240,464		01457E40c	STWO	49	6746,887	3257,023		59	E	E40c	01457E40c	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
6973,797	4180,97		01457E41a	STWO	49	6973,797	3312,49		82	E	E41a	01457E41a	STWO	40	40	0	9	6,277.225	3,989.588	0.55	9.35
6667,517	4268,439		01457E42a	STWO	46	6667,517	3556,692		128	E	E42a	01457E42a	STWO	40	39	-1	6	6,277.225	4,412.051	-1.55	5.45
6962,456	4154,822		01457E42b	STWO	49	6962,456	3479,418		141	F	F42b	01457E42b	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
7143,528	4325,53		01457E75b	STWO	48	7143,528	3681,247		94	E	E75b	01457E75b	STWO	40	39	-1	8	7,859.686	4,412.051	-1.55	9.35
6919,001	4267,556		01457E75c	STWO	49	6919,001	3544,809		174	E	E75d	01457E75d	STWO	38	38	0	11	6,277.225	4,412.051	0.55	9.35
3761,538	2707,544		01473F78c	EGWO	36	3761,538	2399		16	F	F78d	01473F78d	EGWO	25	28	3	11	3,112.304	2,722.199	2.65	9.35
4345,248	3801,754		01481F85c	STWO	8	4345,248	4229,07		36	F	F85c	01481F85c	STWO	12	12	0	-4	4,694.765	3,989.588	0.55	-2.35
4142,589	2855,111		01503N66c	EGWO	32	4142,589	2751,308		14	N	N66d	01503N66d	EGWO	32	31	-1	0	4,694.765	2,722.199	-1.55	1.55
7118,575	4296,163		01511E40a	STWO	49	7118,575	3401,685		29	E	E40a	01511E40a	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
6471,603	4053,609		01570M30	STWO	48	6471,603	3233,05		76	M	M30a	01570M30a	STWO	39	37	-2	9	6,277.225	3,989.588	-1.55	9.35
7076,548	4199,867		01589K48f	STWO	49	7076,548	3309,498		134	K	K48f	01589K48f	STWO	44	40	-4	5	7,859.686	3,989.588	-3.65	5.45

6488,889	3231,728	[redacted]	01597E18a	EGWO	49	6488,889	3615,863	[redacted]	1	E	E18a	01597E18a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7155,693	4340,77		01597E18a	STWO	49	7155,693	3593,014		59	E	E18a	01597E18a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
5374,154	3964,951		01600E39c	STWO	26	5374,154	3972,266		109	E	E39d	01600E39d	STWO	29	26	-3	-3	4,694.765	3,989.588	-3.65	-2.35
4809,918	2608,083		01627F88j	EGWO	29	4809,918	2678,421		5	F	F88j	01627F88j	EGWO	27	30	3	2	4,694.765	2,722.199	2.65	1.55
5940,528	4517,499		01627F88j	STWO	20	5940,528	4740,765		20	F	F88j	01627F88j	STWO	21	22	1	-1	6,277.225	4,412.051	0.55	-2.35
2932,203	2462,05		01635F88j	EGWO	29	2932,203	2548,78		1	F	F88j	01635F88j	EGWO	27	30	3	2	3,112.304	2,299.736	2.65	1.55
4062,963	2577,213		01651F83a	EGWO	36	4062,963	2584,499		9	F	F83a	01651F83a	EGWO	34	37	3	2	4,694.765	2,722.199	2.65	1.55
3237,284	3646,551		01651F83a	STWO	5	3237,284	3672,455		236	F	F83a	01651F83a	STWO	7	5	-2	-2	3,112.304	3,567.125	-1.55	-2.35
6366,196	3617,255		01678M57	EGWO	49	6366,196	3206,337		14	M	M57a	01678M57a	EGWO	41	43	2	8	6,277.225	3,567.125	2.65	9.35
5823,445	4153,087		01678M57	STWO	42	5823,445	3356,999		26	M	M57a	01678M57a	STWO	31	29	-2	11	6,277.225	3,989.588	-1.55	9.35
7341,031	4064,421		01716A06c	EGWO	44	7341,031	4400,614		2	A	A06c	01716A06c	EGWO	49	49	0	-5	7,859.686	3,989.588	0.55	-6.25
7585,547	5077,208		01716A06c	STWO	35	7585,547	5578,587		18	A	A06c	01716A06c	STWO	41	39	-2	-6	7,859.686	5,256.977	-1.55	-6.25
4359,261	2599,682		01724F78c	EGWO	36	4359,261	2541,304		18	F	F78d	01724F78d	EGWO	33	36	3	3	4,694.765	2,722.199	2.65	1.55
4158,279	3358,259		01724F78c	STWO	28	4158,279	3184,043		36	F	F78d	01724F78d	STWO	19	20	1	4	4,694.765	3,567.125	0.55	5.45
7892,056	4309,909		01732E20a	STWO	49	7892,056	3145,968		57	E	E20a	01732E20a	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
7577,805	4542,522		01740K24c	STWO	49	7577,805	3660,501		207	K	K24d	01740K24d	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7405,785	4412,754		01740K24c	STWO	49	7405,785	3645,876		582	K	K24e	01740K24e	STWO	41	38	-3	8	7,859.686	4,412.051	-3.65	9.35
11678,67			01759K49c	EGWO	49	11678,67	3046,064		1	K	K49c	01759K49c	EGWO					11,024.607			
7090,785			01759K49c	STWO		7090,785	2598,252		2	K	K49c	01759K49c	STWO					7,859.686			
7114,883	4259,307		01783K44a	EGWO	49	7114,883	3412,319		50	K	K44a	01783K44a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
6859,102	4204,396		01783K44b	STWO	49	6859,102	3294,503		15	K	K44b	01783K44b	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35
4142,472	3014,085		01848F77f	EGWO	28	4142,472	3119,636		14	F	F77f	01848F77f	EGWO	24	28	4	4	4,694.765	3,144.662	4.75	5.45
6760,189	4162		01856K54c	STWO	49	6760,189	3301,449		129	K	K54d	01856K54d	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
10891,56	3733,186		01864K49c	EGWO	49	10891,56	2501,005		8	K	K49d	01864K49d	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7335,806	4052,595		01864K49c	STWO	49	7335,806	2566,933		22	K	K49d	01864K49d	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
10398,17	3688,559		01864K49e	EGWO	49	10398,17	2398,485		2	K	K49e	01864K49e	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7009,552	4024,158		01864K49e	STWO	49	7009,552	2584,211		41	K	K49e	01864K49e	STWO	49	45	-4	0	6,277.225	3,989.588	-3.65	1.55
5211,31	3746,322		01880N65b	EGWO	31	5211,31	3588,099		6	N	N65b	01880N65b	EGWO	25	28	3	6	4,694.765	3,567.125	2.65	5.45
5116,942	3674,646		01899N65b	EGWO	31	5116,942	3529,266		14	N	N65b	01899N65b	EGWO	24	28	4	7	4,694.765	3,567.125	4.75	5.45
5880,535	2747,175		01910K91c	EGWO	49	5880,535	2459,437		21	K	K91c	01910K91c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
9611,381	4049,199		01937K47c	EGWO	49	9611,381	3572,918		11	K	K47c	01937K47c	EGWO		49			9,442.146	3,989.588		
8051,596	4243,81		01937K47c	STWO		8051,596	2895,672		71	K	K47c	01937K47c	STWO					7,859.686	4,412.051		
9112,5	4996,657		01945A08e	EGWO		9112,5	5761,31		1	A	A08e	01945A08e	EGWO					9,442.146	4,834.514		
7369,595	4443,524		01945A08e	STWO	38	7369,595	4597,749		36	A	A08e	01945A08e	STWO	42	40	-2	-4	7,859.686	4,412.051	-1.55	-2.35
7041,434	4061,059		01945A09f	STWO	44	7041,434	3548,447		30	A	A09h	01945A09h	STWO	44	40	-4	0	6,277.225	3,989.588	-3.65	1.55
5618,677			01953A08e	EGWO		5618,677	3627,188		1	A	A08e	01953A08e	EGWO					6,277.225			
7524,624	4405,194		01953A08e	STWO	40	7524,624	4498,337		18	A	A08e	01953A08e	STWO	40	42	2	0	7,859.686	4,412.051	2.65	1.55
7061,014	4452,876		01961A08e	STWO	32	7061,014	4788,828		30	A	A08e	01961A08e	STWO	38	37	-1	-6	6,277.225	4,412.051	-1.55	-6.25
4689,391	3362,334		02003N65b	EGWO	33	4689,391	3442,869		4	N	N65b	02003N65b	EGWO	28	32	4	5	4,694.765	3,567.125	4.75	5.45
4232,19	3759,186		02011N68c	EGWO	6	4232,19	4262,307		164	N	N68c	02011N68c	STWO	11	11	0	-5	4,694.765	3,567.125	0.55	-6.25
6956,126	4115,488		02038E17e	STWO	49	6956,126	3100,986		40	E	E17a	02038E17a	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
4386,047	3359,977		02046F86a	STWO	28	4386,047	3048,789		5	F	F86a	02046F86a	STWO	24	24	0	4	4,694.765	3,567.125	0.55	5.45
4622,159	2677,905		02062F85b	EGWO	45	4622,159	2530,259		17	F	F85b	02062F85b	EGWO	39	42	3	6	4,694.765	2,722.199	2.65	5.45
6710,617	4113,68		02070E16a	STWO	49	6710,617	3179,858		60	E	E16a	02070E16a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
4497,371	2982,166		02089N65c	EGWO	33	4497,371	3000,518		14	N	N65c	02089N65c	EGWO	30	33	3	3	4,694.765	3,144.662	2.65	1.55
4730,902	4002,253		02089N65c	STWO	18	4730,902	3548,844		20	N	N65c	02089N65c	STWO	20	15	-5	-2	4,694.765	3,989.588	-5.75	-2.35
7282,589	4318,527		02097K48f	STWO	49	7282,589	3498,17		205	K	K48f	02097K48f	STWO	45	41	-4	4	7,859.686	4,412.051	-3.65	5.45
4856,931	3627,393		02100M31	STWO	38	4856,931	2993,317		58	M	M31c	02100M31c	STWO	29	24	-5	9	4,694.765	3,567.125	-5.75	9.35
5082,244	3627,441		02119M31	STWO	38	5082,244	3041,612		30	M	M31c	02119M31c	STWO	30	27	-3	8	4,694.765	3,567.125	-3.65	9.35
5495,348	3497,972		02127N63a	EGWO	40	5495,348	3314,36		25	N	N63a	02127N63a	EGWO	33	36	3	7	6,277.225	3,567.125	2.65	5.45
3425,721	2591,515		02135N69m	EGWO	31	3425,721	2365,26		57	N	N69m	02135N69m	EGWO	21	25	4	10	3,112.304	2,722.199	4.75	9.35
3757,435	3231,909		02135N69m	STWO	14	3757,435	3219,292		312	N	N69m	02135N69m	STWO	18	11	-7	-4	3,112.304	3,144.662	-7.85	-2.35
4574,793	2902,967		02151N67a	EGWO	39	4574,793	2893,347		28	N	N67a	02151N67a	EGWO	37	40	3	2	4,694.765	2,722.199	2.65	1.55
6648,148	2895,176		02178M56c	EGWO	49	6648,148	2410,191		1	M	M56c	02178M56c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6469,291	3956,739		02178M56c	STWO	49	6469,291	2890,067		11	M	M56c	02178M56c	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
8961,307	3738,529		02186A03c	EGWO	49	8961,307	3681,136		11	A	A03d	02186A03d	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
8465,683	4584,052		02186A03c	STWO	47	8465,683	4158,94		58	A	A03d	02186A03d	STWO	49	46	-3	-2	7,859.686	4,412.051	-3.65	-2.35
8368,683	4613,55		02186A03e	STWO	48	8368,683	4378,065		101	A	A03e	02186A03e	STWO	48	45	-3	0	7,859.686	4,412.051	-3.65	1.55
7846,519	4582,793		02186A03f	STWO	39	7846,519	4812,814		45	A	A03f	02186A03f	STWO	46	41	-5	-7	7,859.686	4,412.051	-5.75	-6.25
7303,704	3724,053		02186A04i	EGWO	44	7303,704	4349,765		1	A	A04i	02186A04i	EGWO	48	49	1	-4	7,859.686	3,567.125	0.55	-2.35
8338,428	4845,868		02186A04i	STWO	35	8338,428	5400,683		23	A	A04i	02186A04i	STWO	46	42	-4	-11	7,859.686	4,834.514	-3.65	-10.15
8602,863	4755,838		02186A07g	STWO	46	8602,863	4633,049		33	A	A07g	02186A07g	STWO	48	45	-3	-2	7,859.686	4,834.514	-3.65	-2.35
8856,25	3529,262		02186A07h	EGWO	49	8856,25	3632,863		2	A	A07h	02186A07h	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
8590,039	4736,99		02186A07h	STWO	43	8590,039	4958,116		19	A	A07h	02186A07h	STWO	48	45	-3	-5	7,859.686	4,834.514	-3.65	-6.25
6387,106			02186A08a	EGWO	46	6387,106	3362,446		5	A	A08a	02186A08a	EGWO	49	49	0	-3	6,277.225		0.55	-2.35
7770,297	4461,22		02186A08a	STWO	40	7770,297	4659,54		82	A	A08a	02186A08a	STWO	44	43	-1	-4	7,859.686	4,412.051	-1.55	-2.35
7842,882	4406,659		02186A08b	STWO	45	7842,882	4086,954		53	A	A08b	02186A08b	STWO	46	43	-3	-1	7,859.686	4,412.051	-3.65	-2.35
5963,333			02194K24a	EGWO	46	5963,333	3164,09		1	K	K24a	02194K24a	EGWO	49	49	0	-3	6,277.225		0.55	-2.35
6961,379	4048,871		02194K24a	STWO	49	6961,379	2784,204		71	K	K24a	02194K24a	STWO	45	43	-2	4	6,277.225	3,989.588	-1.55	5.45
6116,128	4307,814		02194K25a	STWO	44	6116,128	3848,909		204	K	K25a	02194K25a	STWO	37	33	-4	7	6,277.225	4,412.051	-3.65	5.45
6269,127	3808,77		02194K26a	EGWO	49	6269,127	4271,328		4	K	K26a	02194K26a	EGWO	49	49	0	0	6,277.225	3,989.588	0.55	1.55
6489,248	3963,354		02194K26a	STWO	49	6501,801	2947,206		44	K	K26a	02194K26a	STWO	39	38	-1	10	6,277.225	3,989.588	-1.55	9.35
6133,607	3795,797		02194K53b	STWO	49	6143,566	2706,832		67	K	K53b	02194K53b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6336,584	3886,854		02194K54a	STWO	49	6356,715	2791,875		61	K	K54a	02194K54a	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
7308,895	4055,029		02216K52a	STWO	49	7308,895	2957,08		113	K	K52a	02216K52a	STWO	47	45	-2	2	7,859.686	3,989.588	-1.55	1.55
7326,512	4054,479		02216K52b	STWO	49	7326,512	2923,236		90	K	K52b	02216K52b	STWO	47	44	-3	2	7,859.686	3,989.588	-3.65	1.55
7025,785	4222,896		02216K53a	STWO	49	7025,785	3570,682		182	K	K53a	02216K53a	STWO	42	40	-2	7	6,277.225	4,412.051	-1.55	5.45
6718,704	4071,159		02216K53b	STWO	49	6718,704	3262,127		76	K	K53b	02216K53b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
7704,918	3908,865		02224A03e	EGWO		7704,918	4459,948		1	A	A03e	02224A03e	EGWO					7,859.686	3,989.588		
7869,433	4547,853		02224A03e	STWO	42	7869,433	4612,936		10	A	A03e	02224A03e	STWO	44	41	-3	-2	7,859.686	4,412.051	-3.65	-2.35
7628,435	4277,345		02232E21b	STWO	49	7628,435	3162,308		30	E	E21b	02232E21b	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55
5523,792	3065,948		02232K23c	EGWO	44	5523,792	2709,088		5	K	K23c	02232K23c	EGWO		45			6,277.225	3,144.662		
5164,869	3702,926		02232K23c	STWO	26	5164,869	3779,68		30	K	K23c	02232K23c	STWO	38	29	-9	-12	4,694.765	3,567.125	-9.95	-10.15
7307,558	4321,395		02232K45a	STWO	49	7307,558	3729,534		194	K	K45a	02232K45a	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
7603,064	3563,614		02232K45b	EGWO	49	7603,064	3155,693		6	K	K45b	02232K45b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6528,86	3963,895		02232K45b	STWO	49	6528,86	2939,521		31	K	K45b	02232K45b	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
7361,868			02232K46b	EGWO		7361,868	2311,636		1	K	K46b	02232K46b	EGWO					7,859.686			
7746,893	4288,026		02232K46b	STWO	49	7746,893	3013,025		33	K	K46b	02232K46b	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
7379,281	4219,121		02232K46c	STWO	49	7379,281	3104,744		90	K	K46c	02232K46c	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55
6575,012	4090,047		02232K48a	STWO	49	6575,012	3198,063		12	K	K48a	02232K48a	STWO	43	38	-5	6	6,277.225	3,989.588	-5.75	5.45
6372,461	4034,008		02232K48c	STWO	47	6372,461	3172,16		35	K	K48d	02232K48d	STWO	41	36	-5	6	6,277.225	3,989.588	-5.75	5.45
5849,112	3000,1		02232K90c	EGWO	49	5849,112	2726,642		122	K	K90d	02232K90d	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5961,257	3877,177		02232K90c	STWO	38	5961,257	2796,658		121	K	K90d	02232K90d	STWO	35	30	-5	3	6,277.225	3,989.588	-5.75	1.55
6447,614	3018,405		02232K90i	EGWO	49	6447,614	2859,73		19	K	K90i	02232K90i	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6504,237	4107,387		02232K90i	STWO	41	6504,237	3781,821		50	K	K90i	02232K90i	STWO	42	38	-4	-1	6,277.225	3,989.588	-3.65	-2.35
7963,37	3784,093		02232K90j	EGWO		7963,37	3749,871		3	K	K90j	02232K90j	EGWO					7,859.686	3,989.588		
8272,492	3631,506		02240A03c	EGWO	49	8272,492	3643,568		2	A	A03d	02240A03d	EGWO					7,859.686	3,567.125		
7340,154	4296,708		02240A03c	STWO	47	7340,154	3883,9		11	A	A03d	02240A03d	STWO	43	41	-2	4	7,859.686	4,412.051	-1.55	5.45
5729,167			02267E39a	EGWO		5729,167			1	E	E39a	02267E39a	EGWO					6,277.225			
4441,072	3726,832		02267E39a	STWO	27	4441,072	3710,63		58	E	E39a	02267E39a	STWO	19	17	-2	8	4,694.765	3,567.125	-1.55	9.35
4440,898	2870,282		02275N65c	EGWO	38	4440,898	2444,307		6	N	N65c	02275N65c	EGWO	30	35	5	8	4,694.765	2,722.199	4.75	9.35
4522,95	3123,76		02283N62a	EGWO	32	4522,95	3076,255		18	N	N62a	02283N62a	EGWO	31	31	0	1	4,694.765	3,144.662	0.55	1.55
6831,778	4070,466		02305M28a	STWO	49	6831,778	3110,69		39	M	M28a	02305M28a	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45

| | | |

10523,59	3848,572	[redacted]	03441K47e	EGWO	49	10523,59	2451,655	[redacted]	5	K	K47e	03441K47e	EGWO					11,024.607		3,989.588									
8191,102	4224,465		03441K47e	STWO	49	8191,102	2857,669		47	K	K47e	03441K47e	STWO	49	47	-2	0	7,859.686		4,412.051		-1.55	1.55						
6961,775	4123,432		03468E13e	STWO	48	6961,775	3593,272		78	E	E13a	03468E13e	STWO	44	42	-2	4	6,277.225		3,989.588		-1.55	5.45						
6548,963	4185,223		03476E13e	STWO	43	6548,963	3672,786		192	E	E13a	03476E13a	STWO	40	35	-5	3	6,277.225		3,989.588		-5.75	1.55						
4543,01	2677,556		03484N70c	EGWO	47	4543,01	2401,742		12	N	N70a	03484N70a	EGWO	39	41	2	8	4,694.765		2,722.199		2.65	9.35						
6846,328	4491,811		03492A00c	STWO	25	6846,328	5130,344		29	A	A00c	03492A00c	STWO	38	33	-5	-13	6,277.225		4,412.051		-5.75	-14.05						
7082,692	3334,807		03522K52g	EGWO	49	7082,692	2922,874		6	K	K52g	03522K52g	EGWO	49	49	0	0	7,859.686		3,144.662		0.55	1.55						
4169,678	2490,693		03530F82c	EGWO	44	4169,678	2317,012		22	F	F82d	03530F82d	EGWO	37	41	4	7	4,694.765		2,299.736		4.75	5.45						
6509,045	4241,81		03573E42e	STWO	45	6509,045	3571,754		163	E	E42a	03573E42a	STWO	37	36	-1	8	6,277.225		4,412.051		-1.55	9.35						
7665,755	4225,334		03603K47f	STWO	49	7665,755	2940,616		29	K	K47f	03603K47f	STWO	46	45	-1	3	7,859.686		4,412.051		-1.55	1.55						
4446,97	2879,926		03611F78e	EGWO	35	4446,97	2975,68		4	F	F78a	03611F78a	EGWO	34	35	1	1	4,694.765		2,722.199		0.55	1.55						
4687,822	2692,746		03654N69e	EGWO	48	4687,822	2455,366		17	N	N69a	03654N69a	EGWO	39	43	4	9	4,694.765		2,722.199		4.75	9.35						
6267,778	3968,833		03689M32	STWO	45	6284,028	3416,898		123	M	M32b	03689M32b	STWO	35	33	-2	10	6,277.225		3,989.588		-1.55	9.35						
5508,259	4117,397		03697M31	STWO	28	5508,259	4468,705		13	M	M31c	03697M31c	STWO	28	25	-3	0	6,277.225		3,989.588		-3.65	1.55						
4757,182	3615,329		03735K90c	STWO	35	4757,182	3067,707		9	K	K90d	03735K90d	STWO	30	25	-5	5	4,694.765		3,567.125		-5.75	5.45						
5166,109	3795,986		03751N64c	STWO	49	5166,109	2798,065		2	N	N64d	03751N64d	STWO	33	28	-5	16	4,694.765		3,989.588		-5.75	17.15						
4900,417	2882,684		03751N68c	EGWO	43	4900,417	2814,131		13	N	N68c	03751N68c	EGWO	43	41	-2	0	4,694.765		2,722.199		-1.55	1.55						
4094,895	3585,304		03751N68c	STWO	16	4094,895	3497,771		328	N	N68c	03751N68c	STWO	13	12	-1	3	4,694.765		3,567.125		-1.55	1.55						
4660,485	2661,754		03751N68d	EGWO	39	4660,485	2677,52		35	N	N68d	03751N68d	EGWO	39	41	2	0	4,694.765		2,722.199		2.65	1.55						
7440,37	4113,264		03778K49e	STWO	49	7440,37	2834,393		84	K	K49a	03778K49a	STWO	47	44	-3	2	7,859.686		3,989.588		-3.65	1.55						
7186,776	4035,979		03778K49b	STWO	49	7186,776	2642,41		65	K	K49b	03778K49b	STWO	49	44	-5	0	7,859.686		3,989.588		-5.75	1.55						
7421,176	4169,738		03778K49c	STWO	49	7421,176	2781,913		33	K	K49d	03778K49d	STWO	48	45	-3	1	7,859.686		3,989.588		-3.65	1.55						
7171,208	4099,921		03778K49e	STWO	49	7171,208	2844,646		60	K	K49e	03778K49e	STWO	47	43	-4	2	7,859.686		3,989.588		-3.65	1.55						
7163,034	4012,168		03778K49f	STWO	49	7163,034	2589,515		69	K	K49f	03778K49f	STWO	48	45	-3	1	7,859.686		3,989.588		-3.65	1.55						
5757,045	3785,397		03778K59e	STWO	35	5757,045	3706,544		116	K	K59a	03778K59a	STWO	38	34	-4	-3	6,277.225		3,989.588		-3.65	-2.35						
7381,829	4544,79		03786A01g	STWO	31	7381,829	5141,45		6	A	A01g	03786A01g	STWO		38			7,859.686		4,412.051									
9304,717			03794A01g	EGWO		9304,717			5	A	A01g	03794A01g	EGWO					9,442.146											
8098,031	4954,339		03794A01g	STWO	29	8098,031	5729,962		103	A	A01g	03794A01g	STWO		38			7,859.686		4,834.514									
5525,612	3968,095		03808N60e	STWO	37	5525,612	3486,902		15	N	N60a	03808N60a	STWO	28	28	0	9	6,277.225		3,989.588		0.55	9.35						
5212,677	3391,119		03832N63e	EGWO	38	5212,677	3207,54		10	N	N63a	03832N63a	EGWO	32	35	3	6	4,694.765		3,567.125		2.65	5.45						
6719,151	4212,686		03875E18e	STWO	46	6719,151	3610,112		25	E	E18b	03875E18b	STWO	40	37	-3	6	6,277.225		4,412.051		-3.65	5.45						
7414,459	4332,138		03883E18e	STWO	49	7414,459	3535,861		18	E	E18a	03883E18a	STWO	44	42	-2	5	7,859.686		4,412.051		-1.55	5.45						
6697,608	4116,706		03883E18b	STWO	48	6697,608	3224,458		30	E	E18b	03883E18b	STWO	41	38	-3	7	6,277.225		3,989.588		-3.65	5.45						
7337,53	3420,805		03891E18b	EGWO	49	7350,085	3590,712		22	E	E18b	03891E18b	EGWO	47	49	2	2	7,859.686		3,567.125		2.65	1.55						
6962,396	4239,239		03891E18b	STWO	49	6962,396	3528,892		185	E	E18b	03891E18b	STWO	42	39	-3	7	6,277.225		4,412.051		-3.65	5.45						
6344,429	4272,462		03956M30	STWO	38	6344,429	4698,239		35	M	M30a	03956M30a	STWO	32	32	0	6	6,277.225		4,412.051		0.55	5.45						
4250,614	3526,579		03964N69k	STWO	19	4250,614	3421,693		36	N	N69k	03964N69k	STWO	20	17	-3	-1	4,694.765		3,567.125		-3.65	-2.35						
7094,348	4551,346		03972M31	STWO	46	7094,348	3736,969		24	M	M31b	03972M31b	STWO	38	36	-2	8	7,859.686		4,412.051		-1.55	9.35						
6996,625	4163,329		03980K44e	STWO	49	6995,625	3233,141		109	K	K44b	03980K44b	STWO	42	40	-2	7	6,277.225		3,989.588		-1.55	5.45						
7029,4	4351,276		03999E14c	STWO	49	7029,4	3529,59		168	E	E14d	03999E14d	STWO	39	38	-1	10	6,277.225		4,412.051		-1.55	9.35						
7464,998	4361,697		03999E14e	STWO	49	7464,998	3512,87		29	E	E14e	03999E14e	STWO	43	42	-1	6	7,859.686		4,412.051		-1.55	5.45						
5083,056	2880,911		04014N60b	EGWO	46	5083,056	2764,312		7	N	N60b	04014N60b	EGWO	40	43	3	6	4,694.765		2,722.199		2.65	5.45						
4932,279	3682,07		04014N60b	STWO	39	4932,279	2981,047		11	N	N60b	04014N60b	STWO	27	25	-2	12	4,694.765		3,567.125		-1.55	13.25						
7672,067	4575,319		04022A02c	STWO	41	7672,067	4495,696		48	A	A02c	04022A02c	STWO	45	40	-5	-4	7,859.686		4,412.051		-5.75	-2.35						
3176,418	3057,893		04030N66f	STWO	7	3176,418	2962,855		80	N	N66f	04030N66f	STWO	7	6	-1	0	3,112.304		3,144.662		-1.55	1.55						
8567,54	4131,017		04049A02f	EGWO	47	8567,54	4498,224		11	A	A02b	04049A02b	EGWO	49	49	0	-2	7,859.686		3,989.588		0.55	-2.35						
6178,404			04049A02f	STWO	48	6178,404			1	A	A02b	04049A02b	STWO	49	44	-5	-1	6,277.225				-5.75	-2.35						
6440,667	4003,245		04065K53e	STWO	49	6440,667	3273,484		43	K	K53a	04065K53a	STWO	40	37	-3	9	6,277.225		3,989.588		-3.65	9.35						
5395,66	3148,335		04073N62e	EGWO	34	5395,66	3037,961		16	N	N62a	04073N62a	EGWO	32	35	3	2	4,694.765		3,144.662		2.65	1.55						
4124,467	2847,413		04081F78b	STWO	30	4124,467	2889,301		27	F	F78b	04081F78b	EGWO	27	31	4	3	4,694.765		2,722.199		4.75	1.55						
6725,094	4203,421		04103K48e	STWO	49	6725,094	3362,599		31	K	K48a	04103K48a	STWO	42	37	-5	7	6,277.225		4,412.051		-5.75	5.45						
4379,832	2655,703		04111F77c	EGWO	35	4379,832	2415,953		8	F	F77c	04111F77c	EGWO	34	36	2	1	4,694.765		2,722.199		2.65	1.55						
3906,372	3267,643		04111F77c	STWO	19	3906,372	2897,96		59	F	F77c	04111F77c	STWO	16	15	-1	3	4,694.765		3,144.662		-1.55	1.55						
11811,07			04138K49e	EGWO	49	11811,07	3076,194		5	K	K49a	04138K49a	EGWO		49			11,024.607											
7775,665	4119,755		04138K49e	STWO	49	7775,665	2787,139		18	K	K49a	04138K49a	STWO	49	47	-2	0	7,859.686		3,989.588		-1.55	1.55						
7033,38	4177,258		04146K54c	STWO	49	7033,38	3342,159		68	K	K54d	04146K54d	STWO	43	41	-2	6	6,277.225		3,989.588		-1.55	5.45						
7021,173	4247,283		04154K48e	STWO	49	7021,173	3378,756		38	K	K48a	04154K48a	STWO	44	39	-5	5	6,277.225		4,412.051		-5.75	5.45						
6898,287	4163,174		04162K48e	STWO	49	6898,287	3265,412		59	K	K48a	04162K48a	STWO	44	40	-4	5	6,277.225		3,989.588		-3.65	5.45						
5765,476	4067,843		04170M56	STWO	40	5765,476	4303,711		48	M	M56c	04170M56c	STWO	31	31	0	9	6,277.225		3,989.588		0.55	9.35						
4482,195	2873,314		04189F76e	EGWO	37	4482,195	2812,519		26	F	F76a	04189F76a	EGWO	32	36	4	5	4,694.765		2,722.199		4.75	5.45						
7076,923	4084,166		04197M55	STWO	41	7076,923	3332,854		1	M	M55h	04197M55h	STWO	31	31	0	10	7,859.686		3,989.588		0.55	9.35						
6386,64	3273,74		04200M55	EGWO	49	6386,64	3386,13		11	M	M55d	04200M55d	EGWO	46	49	3	3	6,277.225		3,144.662		2.65	1.55						
6753,789	4110,619		04200M55	STWO	45	6753,789	3789,091		49	M	M55d	04200M55d	STWO	38	35	-3	7	6,277.225		3,989.588		-3.65	5.45						
6956,065	4356,026		04227E37e	STWO	43	6956,065	3931,488		519	E	E37d	04227E37d	STWO	40	37	-3	3	6,277.225		4,412.051		-3.65	1.55						
7676,911	4701,318		04227E37g	EGWO	49	7676,911	3707,87		4	E	E37g	04227E37g	EGWO	49	49	0	0	7,859.686		4,834.514		0.55	1.55						
6406,633	4118,907		04227E37g	STWO	49	6406,633	3171,285		110	E	E37g	04227E37g	STWO	38	36	-2	11	6,277.225		3,989.588		-1.55	9.35						
6452,794	3945,859		04227E40b	STWO	49	6452,794	2743,262		195	E	E40b	04227E40b	STWO	40	38	-2	9	6,277.225		3,989.588		-1.55	9.35						
4926,488	3458,086		04235N65b	EGWO	31	4925,488	3365,276		14	N	N65b	04235N65b	EGWO	26	30	4	5	4,694.765		3,567.125		4.75	5.45						
7210,3	3172,429		04243A00c	EGWO	34	7210,3	4252,709		3	A	A00c	04243A00c	EGWO	44	47	3	-10	7,859.686		3,144.662		2.65	-10.15						
6455,265	4216,548		04243A00c	STWO	35	6455,265	4186,181		27	A	A00c	04243A00c	STWO	39	35	-4	-4	6,277.225		4,412.051		-3.65	-2.35						
6399,867	3295,9		04251A00c	EGWO	39	6399,867	3612,789		9	A	A00c	04251A00c	EGWO	44	47	3	-5	6,277.225		3,144.662		2.65	-6.25						
6451,732	4189,769		04251A00c	STWO	31	6451,732	4521,759		28	A	A00c	04251A00c	STWO	38	34	-4	-7	6,277.225		3,989.588		-3.65	-6.25						
6352,023	3163,762		04286K52g	EGWO	49	6352,023	2522,318		12	K	K52g	04286K52g	EGWO	49	49	0	0	6,277.225		3,144.662		0.55	1.55						
7692,157	4359,18		04286K52h	STWO	45	7692,157	4372,202		2	K	K52h	04286K52h	STWO	43	39	-4	2	7,859.686		4,412.051		-3.65	1.55						
6835,497	4236,375		04294M28	STWO	43	6835,497	3852,367		48	M	M28c	04294M28c	STWO	41	37	-4	2	6,277.225		4,412.051		-3.65	1.55						
7591,829	4482,899		04294M28	STWO	46	7591,829	3810,545		32	M	M28d	04294M28d	STWO	43	41	-2	3	7,859.686		4,412.051		-1.55	1.55						
7277,233	4244,803		04308M28	STWO	49	7277,233	3627,063		24	M	M28c	04308M28c	STWO	43	40	-3	6	7,859.686		4,412.051		-3.65	5.45						
7073,956	4330,735		04308M28	STWO	46	7073,956	3570,117		25	M	M28d	04308M28d	STWO	41	39	-2	5	7,859.686		4,412.051		-1.55	5.45						
7692,526	3557,176		04316A03g	STWO	49	7692,526	4002,411		2	A	A03g	04316A03g	EGWO	49	49	0	0	7,859.686		3,567.125		0.55	1.55						
7347,261	4580,122		04316A03g	STWO	44	7347,261	4670,198		50	A	A03g	04316A03g	STWO	46	41	-5	-2	7,859.686		4,412.051		-5.75	-2.35						
5605,57	4113,948		04359A00b	STWO	21	5605,57	4913,37		32	A	A00b	04359A00b	STWO	36	27	-9	-15	6,277.225		3,989.588		-9.95	-14.05						
3730	2248,448		04383N70b	EGWO	44	3730	2205,439		3	N	N70b	04383N70b	EGWO	38	41	3	6	3,112.304		2,299.736		2.65	5.45						
5265,415	4258,13		04383N70b	STWO	27	5265,415	3738,681		67	N	N70b	04383N70b	STWO	18	17	-1	9	4,694.765		4,412.051		-1.55	9.35						
8288,818	4222,795		04391A05c	EGWO	49	8288,818	5133,016		4	A	A05d	04391A05d	EGWO	49	49	0	0	7,859.686		4,412.051		0.55	1.55						
6982,85	4383,393		04391A05c	STWO	40	6982,85	4197,124		61	A	A05d	04391A05d	STWO	41	37	-4	-1	6,277.225		4,412.051		-3.65	-2.35						
4025,939	2772,811		04405F77f	EGWO	30	4025,939	2800,251		33	F	F77f	04405F77f	EGWO	28	31	3	2	4,694.765		2,722.199		2.65	1.55						
6977,731	4029,46		04413K52c	STWO	49	6977,731	2904,385		253	K	K52c	04413K52c	STWO	44	42	-2	5	6,277.225		3,989.588		-1.55	5.45						
3454,187	3240,575		04421T93c	STWO	7	3454,187	3315,074		233	T	T93d	04421T93d	STWO	8	8	0	-1	3,112.304		3,144.662		0.55	-2.35						
3654,704	3219,451		04421T93j	STWO	34	3654,704	2415,233		16	T	T93j	04421T93j	STWO	16	12	-4	18	3,112.304		3,144.662		-3.65	17.15						
3431,174	3270,88		04421T94b	STWO	13	3431,174	3151,116		490	T	T94b	04421T94b	STWO	8	6	-2	5	3,112.304		3,144.662		-1.55	5.45						
3242,704	2350,72		04421T94i	EGWO	28	3242,704	2325,528		30	T	T94i	04421T94i	EGWO	24	28	4	4	3,112.304		2,299.736		4.75	5.45						
4302,045	2949,145		04421T94j	EGWO	20	4302,045	3731,681		6	T	T94j	04421T94j	EGWO	26	31	5	-6	4,694.765		3,144.662		4.75	-6.25						
2913,349	3692,57		04499T93e	STWO		2838,826	4153,594		545	T	T93e	04499T93e	STWO	5	5	0		3,112.304		3,567.125		0.55							
7329,342	4272,72		04502E17e	STWO	49	7336,797	3443,527		168	E	E17a	04502E17a	STWO	44	42	-2	5	7,859.686		4,412.051		-1.55	5.45						
7532,415	4233,336		04502E18a	STWO	49	7532,415	3388,563		158	E	E18a	04502E18a	STWO	46	44	-2	3	7,859.686		4,412.051		-1.55	1.55						
7179,481	4217,44		04502E18b	STWO	48	7203,422	3687,164		112	E	E18b	04502E18b	STWO	42	40	-2	6	7,859.686		4,412.051		-1.55	5.45						
7669,08	4451,328		04502E19e	STWO	46	7669,08	4401,697		73	E	E19a	04502E19a	STWO	44	41	-3	2	7,859.686		4,412.051		-3.65	1.55						
4611,111			04502E19b	STWO	36	4611,111			1	E	E19b	04502E19b	STWO	33	33	0	3	4,694.765				0.55	1.55						
7068,37	4145,577		04510E17a	STWO	49	7068,37	3110,7		44	E	E17a	04510E17a	STWO	45	41	-4	4	6,277.225		3,989.588		-3.65	5.45						
6646,309	4113,213		04529E17e	STWO	49	6646,309	3317,552		393	E	E17a	04529E17a	STWO	40	38	-2	9	6,277.225		3,989.588		-1.55	9.35						
6372,727	2964,332		04529E19a	EGWO		6372,727	2600,792		1	E	E19a	04529E19a	EGWO					6,277.225		3,144.662									
7674,954	4666,143		04529E19a	STWO	49	7674,954	3764,147		191	E	E19a	04529E19a	STWO	41	39	-2	8	7,859.686		4,834.514		-1.55	9.35						
6601,09	4210,719		04545M31	STWO	47	6601,09	3512,288		11	M	M31a	04545M31a	STWO	39	38	-1	8	6,277.225		4,412.051		-1.55	9.35						

8094,802	4151,144	[redacted]	04553A04c	EGWO	48	8094,802	4854,683	[redacted]	7	A	A04d	04553A04d	EGWO	49	49	0	-1	7,859.686	3,989.588	0.55	-2.35
7187,199	4557,2		04553A04c	STWO	30	7187,199	5101,27		26	A	A04d	04553A04d	STWO	38	36	-2	-8	7,859.686	4,412.051	-1.55	-6.25
7177,469	3962,159		04561A05b	EGWO	35	7177,469	4636,508		7	A	A05b	04561A05b	EGWO	43	45	2	-8	7,859.686	3,989.588	2.65	-6.25
7584,863	4568,868		04561A05b	STWO	36	7584,863	4881,719		45	A	A05b	04561A05b	STWO	43	40	-3	-7	7,859.686	4,412.051	-3.65	-6.25
6632,832	3531,682		04588A05c	EGWO	38	6632,832	4269,062		4	A	A05c	04588A05c	EGWO	43	45	2	-5	6,277.225	3,567.125	2.65	-6.25
7935,407	4726,633		04588A05c	STWO	35	7935,407	5131,73		21	A	A05c	04588A05c	STWO	42	40	-2	-7	7,859.686	4,834.514	-1.55	-6.25
7246,48	4189,4		04596A05c	EGWO	38	7246,48	4626,356		8	A	A05c	04596A05c	EGWO	41	42	1	-3	7,859.686	3,989.588	0.55	-2.35
7814,013	4604,154		04596A05c	STWO	38	7814,013	4785,613		24	A	A05c	04596A05c	STWO	42	40	-2	-4	7,859.686	4,412.051	-1.55	-2.35
6843,273	3728,811		04618A05b	EGWO	35	6843,273	4442,034		9	A	A05b	04618A05b	EGWO	45	46	1	-10	6,277.225	3,567.125	0.55	-10.15
7531,601	4509,746		04618A05b	STWO	40	7609,652	4555,37		20	A	A05b	04618A05b	STWO	44	40	-4	-4	7,859.686	4,412.051	-3.65	-2.35
7770,324	3742,231		04626A05b	EGWO	38	7770,324	4414,303		7	A	A05b	04626A05b	EGWO	47	48	1	-9	7,859.686	3,567.125	0.55	-10.15
7786,22	4537,42		04626A05b	STWO	40	7786,22	4748,549		31	A	A05b	04626A05b	STWO	43	40	-3	-3	7,859.686	4,412.051	-3.65	-2.35
5362,096			04650A04b	EGWO	36	5362,096	3252,761		1	A	A04b	04650A04b	EGWO	45	46	1	-9	4,694.765		0.55	-10.15
6773,004	4259,25		04650A04b	STWO	41	6784,928	4023,079		101	A	A04b	04650A04b	STWO	41	39	-2	0	6,277.225	4,412.051	-1.55	1.55
6427,012	4297,082		04669M56	STWO	40	6427,012	4735,188		45	M	M56c	04669M56c	STWO	32	33	1	8	6,277.225	4,412.051	0.55	9.35
4972,64	3638,998		04677N60c	EGWO	32	4972,64	3440,625		19	N	N60c	04677N60c	EGWO	28	31	3	4	4,694.765	3,567.125	2.65	5.45
6005,125	2728,281		04685A01e	EGWO	33	7074,766			1	A	A01e	04685A01e	EGWO	42	44	2	-9	6,277.225	2,722.199	2.65	-10.15
6467,098	4161,688		04685A01e	STWO	37	6467,098	4066,669		10	A	A01e	04685A01e	STWO	39	36	-3	-2	6,277.225	3,989.588	-3.65	-2.35
6246,099	4099,771		04693E38c	STWO	49	6246,099	3140,901		93	E	E38c	04693E38c	STWO	37	34	-3	12	6,277.225	3,989.588	-3.65	13.25
7818,4	3365,324		04707A09e	EGWO	49	7818,4	3250,267		9	A	A09e	04707A09e	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6350,374	4255,949		04707A09e	STWO	26	6365,385	4730,373		211	A	A09e	04707A09e	STWO	34	32	-2	-8	6,277.225	4,412.051	-1.55	-6.25
6930,058	4129,878		04715M27	STWO	49	6930,058	3124,848		220	M	M27a	04715M27a	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
7128,523	4317,108		04715M28	STWO	49	7128,523	3546,511		121	M	M28a	04715M28a	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
9257,143	4539,605		04723A02a	EGWO	49	9257,143	5177,463		1	A	A02a	04723A02a	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
7442,19	4446,771		04723A02a	STWO	41	7442,19	4578,425		15	A	A02a	04723A02a	STWO	45	39	-6	-4	7,859.686	4,412.051	-5.75	-2.35
8106,224	4136,768		04723A02b	EGWO	49	8106,224	4663,23		3	A	A02b	04723A02b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7221,389	4335,372		04723A02b	STWO	44	7221,389	4061,837		7	A	A02b	04723A02b	STWO	46	41	-5	-2	7,859.686	4,412.051	-5.75	-2.35
5378,05	3864,293		04731E39c	STWO	37	5378,05	3427,502		78	E	E39c	04731E39c	STWO	28	28	0	9	4,694.765	3,989.588	0.55	9.35
4676,027			04758N70a	EGWO	40	4676,027	2818,736		8	N	N70a	04758N70a	EGWO	39	40	1	1	4,694.765		0.55	1.55
5429,427	2789,16		04774K91c	EGWO	49	5429,427	2441,335		16	K	K91c	04774K91c	EGWO	48	48	0	1	4,694.765	2,722.199	0.55	1.55
5741,525	3049,19		04804A00c	EGWO	34	5741,525	3108,921		1	A	A00c	04804A00c	EGWO	44	47	3	-10	6,277.225	3,144.662	2.65	-10.15
6942,147	4396,881		04804A00c	STWO	34	6942,147	4558,174		39	A	A00c	04804A00c	STWO	40	36	-4	-6	6,277.225	4,412.051	-3.65	-6.25
6176,19	3393,408		04812N73f	EGWO	36	6176,19	3323,525		2	N	N73f	04812N73f	EGWO	38	40	2	-2	6,277.225	3,567.125	2.65	-2.35
6632,905	3570,371		04812N73g	EGWO	37	6632,905	4179,36		7	N	N73g	04812N73g	EGWO	37	41	4	0	6,277.225	3,567.125	4.75	1.55
7974,333	3731,33		04820A06c	EGWO	47	7974,333	4256,766		29	A	A06c	04820A06c	EGWO	49	49	0	-2	7,859.686	3,567.125	0.55	-2.35
7701,908	4480,513		04820A06c	STWO	43	7701,908	4463,015		307	A	A06c	04820A06c	STWO	45	42	-3	-2	7,859.686	4,412.051	-3.65	-2.35
7882,595	3738,503		04839A06c	EGWO	42	7882,595	4378,332		10	A	A06c	04839A06c	EGWO	49	49	0	-7	7,859.686	3,567.125	0.55	-6.25
7443,934	4475,927		04839A06c	STWO	39	7443,934	4519,792		306	A	A06c	04839A06c	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
6854,432	4048,595		04847N62b	EGWO	43	6854,432	3886,076		16	N	N62b	04847N62b	EGWO	34	40	6	9	6,277.225	3,989.588	6.85	9.35
6766,265	4257,629		04863E37d	STWO	49	6766,265	3432,02		187	E	E37d	04863E37d	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
4008,381	2453,905		04871F78b	EGWO	37	4008,381	2240,051		20	F	F78b	04871F78b	EGWO	34	38	4	3	4,694.765	2,299.736	4.75	1.55
3899,577	2774,726		04898F81e	EGWO	26	3899,577	2884,383		20	F	F81e	04898F81e	EGWO	29	29	0	-3	3,112.304	2,722.199	0.55	-2.35
5052,322	3671,576		04901K90c	STWO	31	5052,322	3492,816		24	K	K90c	04901K90c	STWO	31	27	-4	0	4,694.765	3,567.125	-3.65	1.55
1431,556			04928K90e	EGWO		1431,556			6	K	K90e	04928K90e	EGWO					1,529.844			
7655,629			04936A00c	EGWO	34	7655,629			1	A	A00c	04936A00c	EGWO	44	47	3	-10	7,859.686		2.65	-10.15
6246,732	4470,037		04936A00c	STWO	30	6246,732	4128,66		2	A	A00c	04936A00c	STWO	39	35	-4	-9	6,277.225	4,412.051	-3.65	-10.15
6742,358	4103,653		04960M28	STWO	49	6742,358	3209,366		76	M	M28a	04960M28a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
5331,505	3935,955		04979M32	STWO	31	5345,279	3957,898		104	M	M32a	04979M32a	STWO	29	27	-2	2	4,694.765	3,989.588	-1.55	1.55
6790,888	4320,748		04987M32	STWO	41	6790,888	3676,458		20	M	M32a	04987M32a	STWO	38	36	-2	3	6,277.225	4,412.051	-1.55	1.55
4410,615	3334,404		04995F76a	EGWO	36	4410,615	3228,34		3	F	F76a	04995F76a	EGWO	31	36	5	5	4,694.765	3,144.662	4.75	5.45
6393,617	3847,558		05002E13a	STWO	46	6393,617	2911,886		1	E	E13a	05002E13a	STWO	41	37	-4	5	6,277.225	3,989.588	-3.65	5.45
5660,427	2776,334		05010K90c	EGWO	49	5660,427	2353,894		34	K	K90d	05010K90d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4689,734	3533,949		05010K90c	STWO	31	4689,734	3224,864		420	K	K90d	05010K90d	STWO	28	23	-5	3	4,694.765	3,567.125	-5.75	1.55
5838,713	3937,297		05029M55	STWO	45	5838,713	3214,761		66	M	M55h	05029M55h	STWO	33	32	-1	12	6,277.225	3,989.588	-1.55	13.25
6620,585	4108,967		05037E43a	STWO	49	6620,585	3212,599		57	E	E43a	05037E43a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6782,908	4141,922		05045E43a	STWO	49	6782,908	3279,036		239	E	E43a	05045E43a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
5862,809	2826,59		05053K90c	EGWO	49	5862,809	2463,918		20	K	K90c	05053K90c	EGWO	48	49	1	1	6,277.225	2,722.199	0.55	1.55
4987,262	3671,999		05061M31	STWO	38	4987,262	2969,413		91	M	M31c	05061M31c	STWO	29	26	-3	9	4,694.765	3,567.125	-3.65	9.35
5105,063	3687,444		05088M31	STWO	38	5105,063	2969,352		32	M	M31c	05088M31c	STWO	30	27	-3	8	4,694.765	3,567.125	-3.65	9.35
6676,024	4389,277		05118A00c	STWO	25	6676,024	5125,241		8	A	A00c	05118A00c	STWO	39	34	-5	-14	6,277.225	4,412.051	-5.75	-14.05
7467,418	3743,664		05126A06k	EGWO	43	7467,418	4286,785		10	A	A06k	05126A06k	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
7991,435	4618,153		05126A06k	STWO	43	7991,435	4621,854		108	A	A06k	05126A06k	STWO	44	42	-2	-1	7,859.686	4,412.051	-1.55	-2.35
6264,058	4139,447		05150E19b	STWO	32	6264,058	4254,651		274	E	E19b	05150E19b	STWO	33	33	0	-1	6,277.225	3,989.588	0.55	-2.35
7265,589	4465,373		05150E19c	STWO	49	7265,589	3735,129		182	E	E19c	05150E19c	STWO	41	38	-3	8	7,859.686	4,412.051	-3.65	9.35
6750	3833,799		05177K91c	EGWO	49	6750	3361,39		1	K	K91c	05177K91c	EGWO	48	47	-1	1	6,277.225	3,989.588	-1.55	1.55
5567,177			05177K91c	STWO	29	5567,177	3934,572		22	K	K91c	05177K91c	STWO	29	24	-5	0	6,277.225		-5.75	1.55
6769,448	3129,362		05185M33	EGWO	49	6769,448	2800,645		115	M	M33f	05185M33f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6382,434	3879,632		05185M33	STWO	47	6382,434	3092,097		7	M	M33f	05185M33f	STWO	39	39	0	8	6,277.225	3,989.588	0.55	9.35
6700,602	4186,712		05193M31	STWO	45	6708,726	3683,189		160	M	M31a	05193M31a	STWO	40	38	-2	5	6,277.225	3,989.588	-1.55	5.45
6170,744	4034,81		05215K53b	STWO	43	6170,744	3611,338		107	K	K53b	05215K53b	STWO	36	34	-2	7	6,277.225	3,989.588	-1.55	5.45
6654,493	4084,511		05223K53b	STWO	49	6654,493	3272,204		53	K	K53b	05223K53b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
5034,997	3723,179		05231E37c	STWO	37	5034,997	3183,71		71	E	E37c	05231E37c	STWO	33	29	-4	4	4,694.765	3,567.125	-3.65	5.45
6032,715	3622,211		05231E38c	STWO	45	6032,715	3165,044		9	E	E38c	05231E38c	STWO	40	38	-2	5	6,277.225	3,567.125	-1.55	5.45
5210,103	3674,448		05231E39a	STWO	32	5210,103	3341,44		41	E	E39a	05231E39a	STWO	24	22	-2	8	4,694.765	3,567.125	-1.55	9.35
5536,765			05231E39c	STWO	32	5536,765	3646,714		1	E	E39c	05231E39c	STWO		28			6,277.225			
6150,444	4458,057		05258E39a	STWO	37	6150,444	3826,652		771	E	E39a	05258E39a	STWO	24	22	-2	13	6,277.225	4,412.051	-1.55	13.25
4810,526	3608,914		05266E37c	STWO	39	4810,526	2748,945		6	E	E37c	05266E37c	STWO	29	25	-4	10	4,694.765	3,567.125	-3.65	9.35
6339,286	2945,388		05266E37e	EGWO		6339,286	2392,64		1	E	E37e	05266E37e	EGWO					6,277.225	3,144.662		
5473,252	3803,606		05266E37e	STWO	49	5473,252	2808,048		8	E	E37e	05266E37e	STWO	37	30	-7	12	4,694.765	3,989.588	-7.85	13.25
6609,108	4285,485		05266E37f	STWO	48	6609,108	3430,331		280	E	E37f	05266E37f	STWO	36	35	-1	12	6,277.225	4,412.051	-1.55	13.25
6357,208	4159,607		05266E37g	STWO	49	6357,208	3226,394		91	E	E37g	05266E37g	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
5378,037	3720,916		05266E38c	STWO	46	5378,037	2694,723		124	E	E38c	05266E38c	STWO	33	31	-2	13	4,694.765	3,567.125	-1.55	13.25
4607,613	3569,12		05266E39c	STWO	28	4616,226	3135,504		61	E	E39d	05266E39d	STWO	26	25	-1	2	4,694.765	3,567.125	-1.55	1.55
5624,79	2847,753		05274E20a	EGWO	46	5624,79	3238,885		2	E	E20a	05274E20a	EGWO		49			6,277.225	2,722.199		
7745,943	4292,497		05274E20a	STWO	49	7745,943	3168,88		209	E	E20a	05274E20a	STWO	48	44	-4	1	7,859.686	4,412.051	-3.65	1.55
3655,942	2593,517		05282F83a	EGWO	27	3655,942	2656,904		27	F	F83a	05282F83a	EGWO	27	29	2	0	3,112.304	2,722.199	2.65	1.55
4751,139	2678,327		05290N69m	EGWO	41	4755,847	2495,267		46	N	N69m	05290N69m	EGWO	31	35	4	10	4,694.765	2,722.199	4.75	9.35
7083,783	4219,541		05312K54b	STWO	49	7083,783	3431,111		183	K	K54b	05312K54b	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
4484,444	2895,95		05320N70a	EGWO	40	4484,444	2791,102		6	N	N70a	05320N70a	EGWO	35	35	0	5	4,694.765	2,722.199	0.55	5.45
3905,257	3613,526		05320N70a	STWO	6	3905,257	3893,138		95	N	N70a	05320N70a	STWO	7	9	2	-1	4,694.765	3,567.125	2.65	-2.35
10220,28	3603,568		05347K49e	EGWO	49	10220,28	2399,223		30	K	K49e	05347K49e	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7417,397	4136,262		05347K49e	STWO	49	7417,397	2771,105		23	K	K49e	05347K49e	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
3153,618	3280,658		05355F81a	STWO	5	3153,618	3510,838		180	F	F81a	05355F81a	STWO	8	7	-1	-3	3,112.304	3,144.662	-1.55	-2.35
5011,1	3962,789		05371K91c	STWO	23	5011,1	4234,06		49	K	K91c	05371K91c	STWO	29	20	-9	-6	4,694.765	3,989.588	-9.95	-6.25
6626,085	3490,499		05401N62b	EGWO	40	6626,085	3576,526		4	N	N62b	05401N62b	EGWO	36	38	2	4	6,277.225	3,567.125	2.65	5.45
3969,807	3484,207		05436N69k	EGWO	18	3969,807	3257,169		65	N	N69k	05436N69k	STWO	17	14	-3	1	4,694.765	3,567.125	-3.65	1.55
6534,431	3879,161		05444M56	STWO	49	6534,431	2706,012		17	M	M56c	05444M56c	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
8124,282	4295,315		05460K46a	STWO	49	8124,282	2975,644		12	K	K46a	05460K46a	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
10223,53			05479K49b	EGWO	49	10223,53	2380,515		1	K	K49b	05479K49b	EGWO	49	49	0	0	9,442.146		0.55	1.55
6960,572	3995,581		05479K49b	STWO	49	6960,572	2893,932		103	K	K49b	05479K49b	STWO	45	42	-3	4	6,277.225	3,989.588	-3.65	5.45
6959,176	4556,458		05495A04e	EGWO	41	6959,176	4284,977		2	A	A04e	05495A04e	EGWO	47	48	1	-6	6,277.225	4,412.051	0.55	-6.25
6222,49	4103,477		05495A04e	STWO	39	6222,49	3543,371		23	A	A04e	05495A04e	STWO	35	34	-1	4	6,277.225	3,989.588	-1.55	5.45
5685,69	3262,128		05517N62a	EGWO	34	6032,254	4044,656		3	N	N62a	05517N62a	EGWO	32	35	3	2	6,277.225	3,144.662	2.65	1.55

6240,977	4080,051	[redacted]	05525N61c	EGWO	42	6240,977	3603,004	[redacted]	20	N	N61c	05525N61c	EGWO	34	35	1	8	6,277.225	3,989.588	0.55	9.35
4311,111	3832,302		05525N61c	STWO	42	4311,111	3301,14		1	N	N61c	05525N61c	STWO	30	27	-3	12	4,694.765	3,989.588	-3.65	13.25
5882,591	2579,41		05568E20c	EGWO		5882,591	2382,955		1	E	E20c	05568E20c	EGWO					6,277.225	2,722.199		
7675,994	4352,76		05568E20c	STWO	49	7675,994	3258,343		196	E	E20c	05568E20c	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7524,057	4338,087		05568E21a	STWO	49	7524,057	3280,108		145	E	E21a	05568E21a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6214,739	2910,098		05576M56	EGWO	49	6214,739	3079,499		14	M	M56a	05576M56a	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6514,492	3979,511		05576M56	STWO	49	6514,492	2760,74		74	M	M56a	05576M56a	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
4351,457	2886,197		05584F78b	EGWO	30	4351,457	3028,348		12	F	F78b	05584F78b	EGWO	29	34	5	1	4,694.765	2,722.199	4.75	1.55
7129,749	4036,003		05649K49c	STWO	49	7129,749	2643,869		22	K	K49d	05649K49d	STWO	48	44	-4	1	7,859.686	3,989.588	-3.65	1.55
5551,216	3842,721		05665M57a	STWO	46	5551,216	3002,871		59	M	M57a	05665M57a	STWO	29	30	1	17	6,277.225	3,989.588	0.55	17.15
5171,634	3693,286		05681K90c	STWO	31	5171,634	3519,983		25	K	K90c	05681K90c	STWO	33	28	-5	-2	4,694.765	3,567.125	-5.75	-2.35
4905,882	3014,635		05703N73h	EGWO	45	4905,882	3648,86		1	N	N73h	05703N73h	EGWO	43	45	2	2	4,694.765	3,144.662	2.65	1.55
2590,248	3443,058		05703N73h	STWO	8	2590,248	3301,395		16	N	N73h	05703N73h	STWO	5	5	0	3	3,112.304	3,567.125	0.55	1.55
7619,688	4190,257		05770K47f	STWO	49	7619,688	2902,103		143	K	K47f	05770K47f	STWO	47	45	-2	2	7,859.686	3,989.588	-1.55	1.55
8320,742	3863,466		05789A02a	EGWO	49	8320,742	4104,035		9	A	A02a	05789A02a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7752,211	4528,469		05789A02a	STWO	44	7752,211	4371,732		86	A	A02a	05789A02a	STWO	48	43	-5	-4	7,859.686	4,412.051	-5.75	-2.35
7018,463	3567,058		05789A05b	EGWO	45	7018,463	3669,135		9	A	A05b	05789A05b	EGWO	46	47	1	-1	6,277.225	3,567.125	0.55	-2.35
8483,362	4738,39		05789A05b	STWO	42	8483,362	5030,943		109	A	A05b	05789A05b	STWO	48	45	-3	-6	7,859.686	4,834.514	-3.65	-6.25
6646,398	3539,01		05789A05c	EGWO	38	6646,398	3805,509		4	A	A05c	05789A05c	EGWO	43	45	2	-5	6,277.225	3,567.125	2.65	-6.25
7527,454	4689,699		05789A05c	STWO	38	7527,454	4925,386		245	A	A05c	05789A05c	STWO	42	38	-4	-4	7,859.686	4,834.514	-3.65	-2.35
8348,658	3413,222		05789A06a	EGWO	40	8348,658	3953,257		3	A	A06a	05789A06a	EGWO	47	48	1	-7	7,859.686	3,567.125	0.55	-6.25
8237,472	4845,681		05789A06a	STWO	40	8237,472	5248,143		190	A	A06a	05789A06a	STWO	43	40	-3	-3	7,859.686	4,834.514	-3.65	-2.35
8531,638	4678,416		05789A06k	STWO	42	8531,638	4982,821		7	A	A06k	05789A06k	STWO	49	45	-4	-7	7,859.686	4,834.514	-3.65	-6.25
5679,618	3109,605		05800A04b	EGWO	36	5679,618	3739,875		2	A	A04b	05800A04b	EGWO	45	46	1	-9	6,277.225	3,144.662	0.55	-10.15
6191,686	4040,641		05800A04b	STWO	39	6191,686	3798,069		11	A	A04b	05800A04b	STWO	39	36	-3	0	6,277.225	3,989.588	-3.65	1.55
6926,773	3784,591		05819A05b	EGWO	40	6926,773	4525,599		4	A	A05b	05819A05b	EGWO	46	47	1	-6	6,277.225	3,989.588	0.55	-6.25
7567,809	4608,921		05819A05b	STWO	38	7567,809	4844,169		35	A	A05b	05819A05b	STWO	43	40	-3	-5	7,859.686	4,412.051	-3.65	-6.25
7937,465	4386,042		05827A05c	EGWO	38	7937,465	4527,766		2	A	A05c	05827A05c	EGWO	43	45	2	-5	7,859.686	4,412.051	2.65	-6.25
8034,259	4799,381		05827A05c	STWO	34	8034,259	5351,56		17	A	A05c	05827A05c	STWO	42	40	-2	-8	7,859.686	4,834.514	-1.55	-6.25
6803,03	4315,039		05835A05c	EGWO	38	6803,03			1	A	A05c	05835A05c	EGWO	43	45	2	-5	6,277.225	4,412.051	2.65	-6.25
6330,747	4530,539		05835A05c	STWO	38	6330,747	4576,968		31	A	A05c	05835A05c	STWO	42	38	-4	-4	6,277.225	4,412.051	-3.65	-2.35
5653,333	3284,031		05843A05b	EGWO	40	5653,333	4217,506		1	A	A05b	05843A05b	EGWO	46	47	1	-6	6,277.225	3,144.662	0.55	-6.25
7712,995	4578,264		05843A05b	STWO	41	7712,995	4562,67		11	A	A05b	05843A05b	STWO	44	41	-3	-3	7,859.686	4,412.051	-3.65	-2.35
7764,552	4784,308		05851A05b	STWO	34	7764,552	5477,6		16	A	A05b	05851A05b	STWO	41	38	-3	-7	7,859.686	4,834.514	-3.65	-6.25
5377,319	3299,687		05878N64a	EGWO	32	5377,319	3578,96		57	N	N64a	05878N64a	EGWO	38	39	1	-6	4,694.765	3,144.662	0.55	-6.25
6260,98	3259,412		05878N64b	EGWO	44	6260,98	3411,864		49	N	N64b	05878N64b	EGWO	45	47	2	-1	6,277.225	3,144.662	2.65	-2.35
5151,071	2925,087		05878N70f	EGWO	46	5151,071	2766,987		20	N	N70f	05878N70f	EGWO	41	43	2	5	4,694.765	2,722.199	2.65	5.45
5481,36	2865,095		05924N74a	EGWO	44	5481,36	3007,139		25	N	N74a	05924N74a	EGWO	42	47	5	2	4,694.765	2,722.199	4.75	1.55
4586,98	3590,459		05932N69j	STWO	19	4586,98	3696,832		120	N	N69j	05932N69j	STWO	22	23	1	-3	4,694.765	3,567.125	0.55	-2.35
5268,017	3231,138		05967N60a	EGWO	38	5268,017	3329,754		18	N	N60a	05967N60a	EGWO	37	39	2	1	4,694.765	3,144.662	2.65	1.55
4910,229	3532,702		05967N60a	STWO	36	4910,229	3125,27		82	N	N60a	05967N60a	STWO	26	28	2	10	4,694.765	3,567.125	2.65	9.35
4448,052	3013,143		05983M34e	EGWO		4448,052	3794,17		1	M	M34e	05983M34e	EGWO					4,694.765	3,144.662		
4712,422	3447,652		06017K90a	STWO	28	4712,422	3364,221		39	K	K90a	06017K90a	STWO	33	23	-10	-5	4,694.765	3,567.125	-9.95	-6.25
6667,389	3933,147		06033M56	STWO	49	6667,389	2750,141		59	M	M56c	06033M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
3718,92	2838,77		06076T98a	EGWO	20	3793,245	3225,47		9	T	T98a	06076T98a	EGWO	19	22	3	1	3,112.304	2,722.199	2.65	1.55
4435,417	3564,101		06076T98a	STWO	24	4435,417	2772,562		2	T	T98a	06076T98a	STWO	17	19	2	7	4,694.765	3,567.125	2.65	5.45
4097,119	3442,778		06106F77a	STWO	17	4097,119	3381,952		82	F	F77a	06106F77a	STWO	15	16	1	2	4,694.765	3,567.125	0.55	1.55
4377,107	3506,494		06106F77b	STWO	20	4377,107	3492,724		90	F	F77b	06106F77b	STWO	19	20	1	1	4,694.765	3,567.125	0.55	1.55
4074,138	3588,46		06149F76b	STWO	8	4074,138	3889,452		26	F	F76b	06149F76b	STWO	7	10	3	1	4,694.765	3,567.125	2.65	1.55
3978,255	3462,005		06149F77c	STWO	12	3978,255	3481,713		80	F	F77c	06149F77c	STWO	10	12	2	2	4,694.765	3,567.125	2.65	1.55
4108,036	2956,447		06157F76a	EGWO	31	4108,036	2673,913		14	F	F76a	06157F76a	EGWO	27	31	4	4	4,694.765	3,144.662	4.75	5.45
4062,179	3896,61		06157F76a	STWO	6	4062,179	4471,491		30	F	F76a	06157F76a	STWO	6	6	0	0	4,694.765	3,989.588	0.55	1.55
5912,593			06157F77a	EGWO	28	5912,593			4	F	F77a	06157F77a	EGWO	24	30	6	4	6,277.225		6.85	5.45
4456,482	3837,283		06165F76a	STWO	7	4456,482	4249,265		48	F	F76a	06165F76a	STWO	11	14	3	-4	4,694.765	3,989.588	2.65	-2.35
4331,722	3465,191		06173F77b	STWO	21	4331,722	3443,215		564	F	F77b	06173F77b	STWO	18	17	-1	3	4,694.765	3,567.125	-1.55	1.55
3417,515	2581,308		06181T98a	EGWO	23	3417,515	2675,265		21	T	T98a	06181T98a	EGWO	22	26	4	1	3,112.304	2,722.199	4.75	1.55
3870,496	2784,294		06203T98a	EGWO	25	3870,496	2816,445		19	T	T98a	06203T98a	EGWO	22	26	4	3	3,112.304	2,722.199	4.75	1.55
4175,134	3820,584		06238F77a	STWO	7	4175,134	4288,799		48	F	F77a	06238F77a	STWO	7	8	1	0	4,694.765	3,989.588	0.55	1.55
4019,894	3791,105		06238F77b	STWO	13	4019,894	4217,172		48	F	F77b	06238F77b	STWO	11	12	1	2	4,694.765	3,989.588	0.55	1.55
3872,388	3397,137		06238F78c	STWO	9	3872,388	3520,088		72	F	F78c	06238F78c	STWO	12	13	1	-3	3,112.304	3,567.125	0.55	-2.35
6848,375	4243,335		06297K26b	STWO	49	6848,375	3436,036		84	K	K26b	06297K26b	STWO	42	38	-4	7	6,277.225	4,412.051	-3.65	5.45
3990,757	2996,636		06300F77a	EGWO	23	3990,757	3071,517		22	F	F77a	06300F77a	EGWO	19	25	6	4	4,694.765	3,144.662	6.85	5.45
4697,807	3785,334		06300F77b	STWO	13	4697,807	4440,863		74	F	F77b	06300F77b	STWO	16	17	1	-3	4,694.765	3,989.588	0.55	-2.35
4304,403	2902,42		06319F77c	EGWO	30	4304,403	2986,53		48	F	F77c	06319F77c	EGWO	29	32	3	1	4,694.765	2,722.199	2.65	1.55
3858,62	3217,771		06319F77c	STWO	19	3858,62	2791,661		20	F	F77c	06319F77c	STWO	16	15	-1	3	3,112.304	3,144.662	-1.55	1.55
4373,339	2925,497		06378F77a	EGWO	31	4373,339	3009,657		11	F	F77a	06378F77a	EGWO	23	32	9	8	4,694.765	2,722.199	8.95	9.35
4755,34	2948,248		06386F76a	EGWO	38	4755,34	2945,86		102	F	F76a	06386F76a	EGWO	34	38	4	4	4,694.765	3,144.662	4.75	5.45
5047,025	4011,543		06386F76a	STWO	11	5047,025	3592,31		3	F	F76a	06386F76a	STWO	9	10	1	2	4,694.765	3,989.588	0.55	1.55
4400,297	2781,97		06394F85b	EGWO	40	4400,297	2654,05		16	F	F85b	06394F85b	EGWO	35	37	2	5	4,694.765	2,722.199	2.65	5.45
3825,828	2703,417		06408F83a	EGWO	27	3825,828	2796,554		25	F	F83a	06408F83a	EGWO	28	29	1	-1	3,112.304	2,722.199	0.55	-2.35
6504,051	4115,692		06424M27	STWO	46	6504,051	4665,288		48	M	M27b	06424M27b	STWO	37	34	-3	9	6,277.225	3,989.588	-3.65	9.35
6974,803	4200,926		06432M27	STWO	49	6974,803	3188,77		112	M	M27b	06432M27b	STWO	43	40	-3	6	6,277.225	4,412.051	-3.65	5.45
6952,903	4197,676		06440E21a	STWO	49	6952,903	3243,56		36	E	E21a	06440E21a	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
6060,742	4076,549		06459E38c	STWO	48	6060,742	3121,732		14	E	E38c	06459E38c	STWO	35	33	-2	13	6,277.225	3,989.588	-1.55	13.25
7285,622	3111,592		06483M56	EGWO	49	7285,622	2916,332		4	M	M56c	06483M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6655,435	3911,447		06483M56	STWO	49	6655,435	2711,581		11	M	M56c	06483M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
6929,135	4094,836		06491E14f	STWO	47	6929,135	3668,419		43	E	E14f	06491E14f	STWO	46	41	-5	1	6,277.225	3,989.588	-5.75	1.55
3456,172	2633,891		06505F81e	EGWO	24	3456,172	2328,735		11	F	F81e	06505F81e	EGWO	23	25	2	1	3,112.304	2,722.199	2.65	1.55
3528,136			06580F81e	STWO	7	3528,136			8	F	F81e	06580F81e	STWO	8	7	-1	-1	3,112.304		-1.55	-2.35
6831,934	4257,052		06599E42a	STWO	48	6831,934	3517,766		26	E	E42a	06599E42a	STWO	40	38	-2	8	6,277.225	4,412.051	-1.55	9.35
6537,561	4129,284		06599E42b	STWO	49	6537,561	3330,911		44	E	E42b	06599E42b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6495,873	4183,559		06602E42a	STWO	44	6502,46	3606,207		146	E	E42a	06602E42a	STWO	36	35	-1	8	6,277.225	3,989.588	-1.55	9.35
3941,482	2685,933		06637N68d	EGWO	38	3941,482	2690,303		16	N	N68d	06637N68d	EGWO	34	36	2	4	4,694.765	2,722.199	2.65	5.45
5279,001	3459,33		06653N60c	EGWO	36	5279,001	3358,239		8	N	N60c	06653N60c	EGWO	33	34	1	3	4,694.765	3,567.125	0.55	1.55
6646,073	4111,629		06661M28a	STWO	44	6646,073	3732,451		108	M	M28a	06661M28a	STWO	40	38	-2	4	6,277.225	3,989.588	-1.55	5.45
5968,995	2795,772		06688K90l	EGWO	49	5968,995	2431,458		68	K	K90l	06688K90l	EGWO	48	46	-2	1	6,277.225	2,722.199	-1.55	1.55
6621,776	4206,093		06718K26a	STWO	48	6621,776	3426,916		21	K	K26a	06718K26a	STWO	39	36	-3	9	6,277.225	4,412.051	-3.65	9.35
6597,307	4112,477		06718K26b	STWO	48	6472,09	3322,83		7	K	K26b	06718K26b	STWO	42	37	-5	6	6,277.225	3,989.588	-5.75	5.45
5358,524	3565,708		06734N65b	EGWO	33	5358,524	3588,105		28	N	N65b	06734N65b	EGWO	28	33	5	5	4,694.765	3,567.125	4.75	5.45
5368,664			06742N65b	EGWO	33	5368,664			7	N	N65b	06742N65b	EGWO	28	32	4	5	4,694.765		4.75	5.45
9515,517	3787,553		06750K59a	EGWO	49	9515,517	2608,41		4	K	K59a	06750K59a	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
5826,984	3719,869		06750K59a	STWO	36	5826,984	3716,161		19	K	K59a	06750K59a	STWO	39	36	-3	-3	6,277.225	3,567.125	-3.65	-2.35
6770,144	4117,481		06777K24a	STWO	49	6770,144	3129,958		106	K	K24a	06777K24a	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
7194,919	4333,036		06777K24d	STWO	49	7194,919	3398,834		141	K	K24d	06777K24d	STWO	44	40	-4	5	7,859.686	4,412.051	-3.65	5.45
6571,862	4078,161		06777K24e	STWO	49	6571,862	3128,984		147	K	K24e	06777K24e	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
7069,241	4235,12		06777K25a	STWO	49	7069,241	3386,101		94	K	K25a	06777K25a	STWO	42	38	-4	7	7,859.686	4,412.051	-3.65	5.45
6703,519	4118,224		06777K25b	STWO	49	6703,519	3310,509		70	K	K25b	06777K25b	STWO	44	39	-5	5	6,277.225	3,989.588	-5.75	5.45
6319,813	3950,809		06777K25c	STWO	49	6319,813	2964,222		65	K	K25c	06777K25c	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
6585,429	4075,647		06777K25d	STWO	49	6585,429	3153,881		137	K	K25d	06777K25d	STWO	43	38	-5	6	6,277.225	3,989.588	-5.75	5.45
6302,273	3970,411		06785M31a	STWO	47	6302,273	3298,842		61	M	M31a	06785M31a	STWO	37	35	-2	10	6,277.225	3,989.588	-1.55	9.35
5832,905	3905,56		06785M31b	STWO	41	5832,905	3141,935		76	M	M31b	06785M31b	STWO	36	33	-3	5	6,277.225	3,989.588	-3.65	5.45
5383,889	3771,994		06785M31c	STWO	38	5383,889	2995,12		160	M	M31c	06785M31c	STWO	33	30	-3	5	4,694.765	3,567.125	-3.65	5.45
5700,891	2754,265		06807M55g	EGWO	49	5700,891	2390,392		37	M	M55g	06807M55g	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55

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6664,014	4284,651	[redacted]	08370M29	STWO	46	6664,014	3578,515	[redacted]	74	M	M29a	08370M29a	STWO	40	35	-5	6	6,277.225	4,412.051	-5.75	5.45
6198,858	3997,25		08370M29	STWO	48	6198,858	3204,498		46	M	M29b	08370M29b	STWO	39	35	-4	9	6,277.225	3,989.588	-3.65	9.35
7632,156	3810,198		08389M55	EGWO	49	7632,156	3683,502		26	M	M55h	08389M55h	EGWO	47	49	2	2	7,859.686	3,989.588	2.65	1.55
7108,486	4281,202		08397K26	STWO	49	7108,486	3481,092		75	K	K26b	08397K26b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
6745,593	4216,792		08435E42	STWO	49	6745,593	3435,272		59	E	E42b	08435E42b	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
4168,374	2884,393		08443F78	EGWO	30	4168,374	2924,164		21	F	F78b	08443F78b	EGWO	26	31	5	4	4,694.765	2,722.199	4.75	5.45
4260,417	3429,196		08443F78	STWO	31	4260,417	3612,117		1	F	F78b	08443F78b	STWO	20	19	-1	11	4,694.765	3,567.125	-1.55	9.35
3788,903	2653,034		08451F83	EGWO	29	3788,903	2692,281		24	F	F83a	08451F83a	EGWO	28	30	2	1	3,112.304	2,722.199	2.65	1.55
4460			08478K23	STWO	27	4460	2420,022		1	K	K23c	08478K23c	STWO	38	29	-9	-11	4,694.765		-9.95	-10.15
4815,309	3597,94		08478K90	STWO	30	4815,309	3259,704		380	K	K90a	08478K90a	STWO	30	26	-4	0	4,694.765	3,567.125	-3.65	1.55
11214,29			08486K91	EGWO		11214,29			1	K	K91d	08486K91d	EGWO					11,024.607			
5021,785	2872,633		08494N68	EGWO	43	5021,785	2828,082		35	N	N68f	08494N68f	EGWO	39	43	4	4	4,694.765	2,722.199	4.75	5.45
6785,85	4153,587		08508E17	STWO	49	6791,777	3207,78		218	E	E17a	08508E17a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6517,3	4029,5		08508E18	STWO	49	6517,3	3082,141		134	E	E18a	08508E18a	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
5594,991	2750,237		08516K90	EGWO	49	5594,991	2472,069		16	K	K90d	08516K90d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4207,308	3761,105		08532N68	STWO	6	4207,308	4211,112		152	N	N68c	08532N68c	STWO	11	11	0	-5	4,694.765	3,567.125	0.55	-6.25
7518,134	4233,061		08559E20	STWO	49	7518,134	3006,694		54	E	E20a	08559E20a	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55
7718,497	4625,419		08672E14	STWO	49	7718,497	3803,937		40	E	E14e	08672E14e	STWO	41	40	-1	8	7,859.686	4,834.514	-1.55	9.35
7411,566	4348,916		08672E14	STWO	49	7411,566	3598,251		84	E	E14f	08672E14f	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6936,627	4099,924		08680K91	STWO	38	6936,627	4285,59		50	K	K91a	08680K91a	STWO	43	39	-4	-5	6,277.225	3,989.588	-3.65	-6.25
4883,394	2647,754		08699M30	EGWO	49	4883,394	2491,208		2	M	M30a	08699M30a	EGWO	45	46	1	4	4,694.765	2,722.199	0.55	5.45
5861,758	3950,635		08699M30	STWO	45	5861,758	3194,245		47	M	M30a	08699M30a	STWO	36	32	-4	9	6,277.225	3,989.588	-3.65	9.35
7171,489	4092,88		08710K46	STWO	49	7171,489	2542,562		78	K	K46a	08710K46a	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
7457,097	4081,041		08710K47	STWO	49	7457,097	2557,072		25	K	K47c	08710K47c	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
7603,696	4179,037		08710K47	STWO	49	7603,696	2683,717		135	K	K47d	08710K47d	STWO					7,859.686	3,989.588		
9384,009	3569,191		08710K47	EGWO	49	9384,009	2476,037		20	K	K47e	08710K47e	EGWO					9,442.146	3,567.125		
7154,463	4134,288		08710K47	STWO	49	7154,463	2585,576		4	K	K47e	08710K47e	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
7046,679			08710K47	EGWO	49	7046,679	2300,1		1	K	K47f	08710K47f	EGWO	49	49	0	0	6,277.225		0.55	1.55
7984,14	4179,694		08710K47	STWO	49	7984,14	2801,992		12	K	K47f	08710K47f	STWO	49	48	-1	0	7,859.686	3,989.588	-1.55	1.55
5297,129	3985,165		08729E39	STWO	34	5297,129	3856,91		18	E	E39c	08729E39c	STWO	30	32	2	4	4,694.765	3,989.588	2.65	5.45
6959,586	4277,225		08753E37	STWO	49	6959,586	3518,67		165	E	E37d	08753E37d	STWO	41	38	-3	8	6,277.225	4,412.051	-3.65	9.35
7007,003	4246,389		08761E37	STWO	49	7007,003	3445,635		11	E	E37d	08761E37d	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35
5247,835	3993,418		08788E39	STWO	33	5247,835	3265,175		6	E	E39d	08788E39d	STWO	28	24	-4	5	4,694.765	3,989.588	-3.65	5.45
6070,459	4011,228		08796A04	STWO	40	6070,459	3654,708		8	A	A04a	08796A04a	STWO	43	35	-8	-3	6,277.225	3,989.588	-7.85	-2.35
6233,596	3888,607		08796A05	STWO	42	6233,596	2944,011		4	A	A05a	08796A05a	STWO	44	41	-3	-2	6,277.225	3,989.588	-3.65	-2.35
4907,801			08818F77	EGWO	33	4907,801	3272,927		2	F	F77f	08818F77f	EGWO	29	33	4	4	4,694.765		4.75	5.45
4290,236	2625,626		08818F78	STWO	37	4290,236	2549,206		7	F	F78b	08818F78b	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
4103,578	3369,42		08818F78	STWO	31	4103,578	2799,649		16	F	F78b	08818F78b	STWO	20	17	-3	11	4,694.765	3,567.125	-3.65	9.35
8065,904	3421,661		08834M55	EGWO	49	8065,904	3530,529		18	M	M55h	08834M55h	EGWO		49			7,859.686	3,567.125		
6274,51	3795,762		08834M55	STWO	41	6274,51	2570,976		1	M	M55h	08834M55h	STWO	31	31	0	10	6,277.225	3,989.588	0.55	9.35
7448,586	4245,355		08877E14	STWO	49	7459,667	3552,538		170	E	E14a	08877E14a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6287,811	4048,492		08877E14	STWO	39	6287,811	3869,178		80	E	E14b	08877E14b	STWO	42	37	-5	-3	6,277.225	3,989.588	-5.75	-2.35
6364,981	4224,816		08877E14	STWO	28	6364,981	4572,353		82	E	E14c	08877E14c	STWO	32	33	1	-4	6,277.225	4,412.051	0.55	-2.35
7171,306	4359,627		08877E14	STWO	49	7171,306	3613,202		152	E	E14d	08877E14d	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
6932,645	4316,13		08885E14	STWO	49	7046,519	3497,788		49	E	E14a	08885E14a	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35
5274,9			08885E14	EGWO		5274,9			1	E	E14b	08885E14b	EGWO					4,694.765			
6376,262	4365,858		08885E14	STWO	38	6376,262	3947,007		47	E	E14b	08885E14b	STWO	41	38	-3	-3	6,277.225	4,412.051	-3.65	-2.35
4017,605	2742,191		08907F78	EGWO	29	4017,605	2841,111		14	F	F78b	08907F78b	EGWO	26	31	5	3	4,694.765	2,722.199	4.75	1.55
3791,921	3344,727		08923F87	STWO	20	3791,921	3230,546		72	F	F87d	08923F87d	STWO	15	15	0	5	3,112.304	3,144.662	0.55	5.45
7772,451	4274,288		08931M31	STWO	49	7772,451	3981,497		102	M	M31a	08931M31a	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
6746,345	3914,265		08958K52	STWO	49	6745,345	2687,675		22	K	K52d	08958K52d	STWO	42	42	0	7	6,277.225	3,989.588	0.55	5.45
3989,583	3422,388		08966E37	STWO	32	3989,583	3426,31		1	E	E37a	08966E37a	STWO	27	27	0	5	4,694.765	3,567.125	0.55	5.45
3852,06	3598,588		08982N68	STWO	8	3852,06	4027,587		68	N	N68d	08982N68d	STWO	6	8	2	2	3,112.304	3,567.125	2.65	1.55
7166,316	3518,411		09008A07	EGWO	47	7166,316	3804,279		5	A	A07f	09008A07f	EGWO					7,859.686	3,567.125		
7119,358	4175,19		09008A07	STWO	47	7119,358	3450,418		104	A	A07f	09008A07f	STWO	44	41	-3	3	7,859.686	3,989.588	-3.65	1.55
4015,154	2619,86		09016F86	EGWO	39	4015,154	2540,702		9	F	F86a	09016F86a	EGWO	33	36	3	6	4,694.765	2,722.199	2.65	5.45
4340,579	3558,257		09016F86	STWO	27	4340,579	3138,272		151	F	F86a	09016F86a	STWO	19	19	0	8	4,694.765	3,567.125	0.55	9.35
4570,842	3541,675		09016F86	STWO	29	4570,842	3219,867		43	F	F86b	09016F86b	STWO	23	22	-1	6	4,694.765	3,567.125	-1.55	5.45
7825,657	4265,697		09024K46	STWO	49	7825,657	2956,172		18	K	K46b	09024K46b	STWO	47	45	-2	2	7,859.686	4,412.051	-1.55	1.55
7075,116	4225,812		09024K48	STWO	49	7075,116	3350,904		20	K	K48a	09024K48a	STWO	45	40	-5	4	7,859.686	4,412.051	-5.75	5.45
7312,082	4132,766		09040K52	STWO	49	7312,082	3140,918		206	K	K52a	09040K52a	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
6313,617	2796,197		09040K52	EGWO	49	6313,617	2382,793		6	K	K52b	09040K52b	EGWO		49			6,277.225	2,722.199		
6962,62	4037,613		09040K52	STWO	49	6962,62	2958,345		147	K	K52b	09040K52b	STWO	43	42	-1	6	6,277.225	3,989.588	-1.55	5.45
4809,855	3639,796		09059K90	STWO	27	4809,855	3515,923		46	K	K90c	09059K90c	STWO	31	24	-7	-4	4,694.765	3,567.125	-7.85	-2.35
6655,811	4090,149		09067M27	STWO	48	6655,811	3884,693		29	M	M27a	09067M27a	STWO	41	39	-2	7	6,277.225	3,989.588	-1.55	5.45
8537,96	3854,768		09075K26	STWO	49	8537,96	3451,803		17	K	K26a	09075K26a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
6950,292	4256,116		09075K26	STWO	49	6950,292	3424,544		91	K	K26a	09075K26a	STWO	39	39	0	10	6,277.225	4,412.051	0.55	9.35
5778,421	3454,332		09083N67	EGWO	40	5778,421	3448,547		5	N	N67a	09083N67a	EGWO	39	40	1	1	6,277.225	3,567.125	0.55	1.55
8487,221	3254,772		09156M34	EGWO		8487,221	3863,415		4	M	M34e	09156M34e	EGWO					7,859.686	3,144.662		
9138,891	3512,951		09180K49	EGWO	49	9138,891	2515,897		20	K	K49a	09180K49a	EGWO		49			9,442.146	3,567.125		
3827,834	2808,37		09199N65	EGWO	24	3827,834	2899,916		34	N	N65a	09199N65a	EGWO	19	27	8	5	3,112.304	2,722.199	8.95	5.45
3928,313	3438,663		09199N65	STWO	14	3928,313	3356,702		45	N	N65a	09199N65a	STWO		9			4,694.765	3,567.125		
7045,873	4097,58		09202K52	STWO	49	7045,873	3087,067		117	K	K52b	09202K52b	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
4107,459	2600,33		09237F83	EGWO	36	4107,459	2608,379		7	F	F83a	09237F83a	EGWO	32	37	5	4	4,694.765	2,722.199	4.75	5.45
3044,086	3512,197		09237F83	STWO	5	3044,086	3301,014		156	F	F83a	09237F83a	STWO	7	5	-2	-2	3,112.304	3,567.125	-1.55	-2.35
4670,886	3477,404		09245F76	EGWO	36	4670,886	3357,194		3	F	F76a	09245F76a	EGWO	31	36	5	5	4,694.765	3,567.125	4.75	5.45
4885,884	2749,909		09253N68	EGWO	46	4885,884	2666,188		27	N	N68d	09253N68d	EGWO	41	45	4	5	4,694.765	2,722.199	4.75	5.45
4618,9	3519,717		09253N68	STWO	18	4618,9	3599,144		37	N	N68d	09253N68d	STWO	13	18	5	5	4,694.765	3,567.125	4.75	5.45
8392,857			09261A09	EGWO		8392,857			2	A	A09a	09261A09a	EGWO					7,859.686			
6265,823	4077,779		09288A04	STWO	39	6265,823	4276,878		1	A	A04e	09288A04e	STWO	39	36	-3	0	6,277.225	3,989.588	-3.65	1.55
3909,338	3293,234		09296N69	STWO	14	3909,338	3369,973		64	N	N69l	09296N69l	STWO	15	16	1	-1	4,694.765	3,144.662	0.55	-2.35
12961,75			09318K49	EGWO	49	12961,75	3553,82		3	K	K49c	09318K49c	EGWO					12,607.067			
7616,279	4156,916		09318K49	STWO		7616,279	2848,05		1	K	K49c	09318K49c	STWO					7,859.686	3,989.588		
4880,227	3545,968		09326K91	STWO	31	4880,227	3355,649		62	K	K91b	09326K91b	STWO	32	26	-6	-1	4,694.765	3,567.125	-5.75	-2.35
5175,323	3631,154		09334K59	STWO	28	5175,323	3704,953		27	K	K59a	09334K59a	STWO	34	30	-4	-6	4,694.765	3,567.125	-3.65	-6.25
6932,759	4066,541		09342K52	STWO	49	6932,759	3022,588		211	K	K52b	09342K52b	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
4687,394	3832,682		09350F76	STWO	5	4687,394	4675,731		56	F	F76b	09350F76b	STWO	12	13	1	-7	4,694.765	3,989.588	0.55	-6.25
6846,822	4254,942		09369E13	STWO	49	6846,822	3522,651		75	E	E13a	09369E13a	STWO	42	38	-4	7	6,277.225	4,412.051	-3.65	5.45
11125,85	5050,348		09377K59	EGWO	49	13623,38	4454,746		1	K	K59a	09377K59a	EGWO	49	49	0	0	11,024.607	5,256.977	0.55	1.55
5484,566	3693,466		09377K59	STWO	28	5484,566	4234,783		35	K	K59a	09377K59a	STWO	37	29	-8	-9	4,694.765	3,567.125	-7.85	-10.15
6867,797	3875,968		09393A01	STWO	33	6867,797	4494,277		6	A	A01e	09393A01e	EGWO	44	45	1	-11	6,277.225	3,989.588	0.55	-10.15
7002,165	4352,207		09393A01	STWO	34	7002,165	4506,567		28	A	A01e	09393A01e	STWO	41	36	-5	-7	6,277.225	4,412.051	-5.75	-6.25
3513,934	2763,271		09407F81	EGWO	23	3513,934	2933,931		23	F	F81e	09407F81e	EGWO	23	25	2	0	3,112.304	2,722.199	2.65	1.55
10233,63	4060,481		09423K48	EGWO		10233,63	3264,485		4	K	K48c	09423K48c	EGWO					11,024.607	3,989.588		
7470,324	4511,04		09423K48	STWO	49	7470,324	3794,554		48	K	K48c	09423K48c	STWO	41	38	-3	8	7,859.686	4,412.051	-3.65	9.35
6540,592	4497,529		09431N60	EGWO	38	6540,592	4021,153		15	N	N60a	09431N60a	EGWO	27	31	4	11	6,277.225	4,412.051	4.75	9.35
6509,294	4341,882		09466N60	EGWO	37	6509,294	4119,523		16	N	N60a	09466N60a	EGWO	31	33	2	6	6,277.225	4,412.051	2.65	5.45
6503,06	4208,457		09474N60	EGWO	40	6503,06	3909,489		10	N	N60a	09474N60a	EGWO	34	36	2	6	6,277.225	4,412.051	2.65	5.45
6038,75	3694,796		09482N60	EGWO	43	6038,75	3518,903		8	N	N60a	09482N60a	EGWO	32	39	7	11	6,277.225	3,567.125	6.85	9.35
5686,202	4161,242		09490N60	EGWO	35	5686,202	3686,526		27	N	N60a	09490N60a	EGWO	27	29	2	8	6,277.225	3,989.588	2.65	9.35
6282,695	4139,529		09504N60	EGWO	37	6282,695	3937,162		27	N	N60a	09504N60a	EGWO	30	33	3	7	6,277.225	3,989.588	2.65	5.45
4259,51	3674,267		09504N60	STWO	31	4259,51	3138,78		5	N	N60a	09504N60a	STWO	27	22	-5	4	4,694.765	3,567.125	-5.75	5.45
2645,929	3441,074		09504N71	STWO	34	2645,929	2233,16		40	N	N71g	09504N71g	STWO	28	27	-1	6	3,112.304	3,567.125	-1.55	5.45

5560,606	4606,198	[redacted]	09512F88f	EGWO	39	5560,606	4783,41	[redacted]	1	F	F88h	09512F88h	EGWO	33	36	3	6	6,277.225	4,412.051	2.65	5.45
6954,38	4380,664		09520M31	STWO	46	6954,38	3745,946		91	M	M31a	09520M31a	STWO	39	37	-2	7	6,277.225	4,412.051	-1.55	5.45
5354,824	3879,106		09539K90	STWO	27	5354,824	3890,857		162	K	K90a	09539K90a	STWO	31	26	-5	-4	4,694.765	3,989.588	-5.75	-2.35
6360,927	4214,746		09547E37f	STWO	48	6360,927	3318,508		106	E	E37f	09547E37f	STWO	37	34	-3	11	6,277.225	4,412.051	-3.65	9.35
3939,93	2850,147		09563N65	EGWO	26	3939,93	2910,235		17	N	N65a	09563N65a	EGWO	21	28	7	5	4,694.765	2,722.199	6.85	5.45
4231,822	3052,359		09571F78c	EGWO	26	4231,822	3158,44		41	F	F78d	09571F78d	EGWO	23	28	5	3	4,694.765	3,144.662	4.75	1.55
4468,981	4316,419		09571F78e	STWO	16	4468,981	3756,911		66	F	F78e	09571F78e	STWO	8	10	2	8	4,694.765	4,412.051	2.65	9.35
6052,824	4302,36		09598A00t	STWO	26	6052,824	4953,161		4	A	A00b	09598A00b	STWO	36	32	-4	-10	6,277.225	4,412.051	-3.65	-10.15
4161,72	2866,199		09601F82c	EGWO	37	4161,72	2383,73		23	F	F82d	09601F82d	EGWO	30	33	3	7	4,694.765	2,722.199	2.65	5.45
4177,131			09601F82c	STWO	18	4177,131			17	F	F82d	09601F82d	STWO	17	16	-1	1	4,694.765		-1.55	1.55
6721,508	4141,358		09628M29	STWO	49	6721,508	3421,422		114	M	M29b	09628M29b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
8519,124	3438,424		09644K48f	EGWO	49	8519,124	2627,646		4	K	K48f	09644K48f	EGWO		49			7,859.686	3,567.125		
7036,765	4173,683		09644K48f	EGWO	49	7036,765	3285,761		28	K	K48f	09644K48f	STWO	45	41	-4	4	6,277.225	3,989.588	-3.65	5.45
7072,55	4115,602		09652K52t	STWO	49	7072,55	3099,951		14	K	K52b	09652K52b	STWO	44	42	-2	5	7,859.686	3,989.588	-1.55	5.45
6346,915	4061,129		09660E14f	STWO	41	6346,915	3992,566		116	E	E14f	09660E14f	STWO	41	36	-5	0	6,277.225	3,989.588	-5.75	1.55
6081,848	3823,22		09679K90c	STWO	38	6081,848	3579,409		97	K	K90d	09679K90d	STWO	35	30	-5	3	6,277.225	3,989.588	-5.75	1.55
6218,391	3839,069		09709M55	STWO	48	6218,391	2657,959		1	M	M55g	09709M55g	STWO	38	37	-1	10	6,277.225	3,989.588	-1.55	9.35
6100,771	4052,369		09717N73g	EGWO	32	6100,771	4216,444		25	N	N73g	09717N73g	EGWO	34	36	2	-2	6,277.225	3,989.588	2.65	-2.35
6303,37	3750,482		09776N73f	EGWO	34	6303,37	4022,869		64	N	N73f	09776N73f	EGWO	37	39	2	-3	6,277.225	3,567.125	2.65	-2.35
4470	3396,834		09776N73f	STWO	48	4470	2362,47		1	N	N73f	09776N73f	STWO		29			4,694.765	3,567.125		
7122,779	4174,053		09822E18a	STWO	49	7122,779	3647,55		26	E	E18a	09822E18a	STWO	43	40	-3	6	7,859.686	3,989.588	-3.65	5.45
3965,953	2486,577		09911F82c	EGWO	43	3991,992	2274,826		13	F	F82d	09911F82d	EGWO	34	37	3	9	4,694.765	2,299.736	2.65	9.35
4638,942	3690,549		09911F82c	STWO	18	4638,942	3055,542		2	F	F82d	09911F82d	STWO	19	16	-3	-1	4,694.765	3,567.125	-3.65	-2.35
4150,272	2717,606		09938F78a	EGWO	34	4150,272	2726,08		9	F	F78a	09938F78a	EGWO	34	35	1	0	4,694.765	2,722.199	0.55	1.55
7534,091			09938F78c	EGWO	41	7534,091			1	F	F78c	09938F78c	EGWO	36	43	7	5	7,859.686		6.85	5.45
3908,865	3342,352		09938F78c	STWO	14	3908,865	3362,507		25	F	F78c	09938F78c	STWO	11	15	4	3	4,694.765	3,144.662	4.75	1.55
3981,459	3340,719		09938F78c	STWO	15	3981,459	3367,899		223	F	F78d	09938F78d	STWO	13	16	3	2	4,694.765	3,144.662	2.65	1.55
9582,195	4910,376		10189A06a	EGWO	40	9582,195	5574,523		2	A	A06a	10189A06a	EGWO	47	48	1	-7	9,442.146	4,834.514	0.55	-6.25
7449,233	4519,602		10189A06a	STWO	43	7449,233	4479,538		60	A	A06a	10189A06a	STWO	43	40	-3	0	7,859.686	4,412.051	-3.65	1.55
7867,941	4584,562		10197A02t	STWO	43	7867,941	4750,537		24	A	A02b	10197A02b	STWO	47	42	-5	-4	7,859.686	4,412.051	-5.75	-2.35
7431,578	4436,71		10200A05t	STWO	39	7431,578	4558,343		52	A	A05b	10200A05b	STWO	43	40	-3	-4	7,859.686	4,412.051	-3.65	-2.35
4478,696	3153,565		10219N65c	EGWO	30	4460,908	3136,976		19	N	N65c	10219N65c	EGWO	25	31	6	5	4,694.765	3,144.662	6.85	5.45
6960,417			10286A02c	EGWO	47	6960,417			2	A	A02d	10286A02d	STWO	48	44	-4	-1	6,277.225		-3.65	-2.35
4168,112	2609,317		10308F78t	EGWO	37	4168,112	2550,039		31	F	F78b	10308F78b	EGWO	34	37	3	3	4,694.765	2,722.199	2.65	1.55
7893,006	4315,578		10316K46a	STWO	49	7893,006	2884,161		28	K	K46a	10316K46a	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
6204,477	4259,756		10324A01g	STWO	38	6204,477	3783,34		7	A	A01g	10324A01g	STWO		33			6,277.225	4,412.051		
5406,614	3206,313		10340N60t	EGWO	41	5406,614	3186,565		26	N	N60b	10340N60b	EGWO	38	41	3	3	4,694.765	3,144.662	2.65	1.55
4937,008	3465,102		10340N60t	STWO	38	4937,008	2494,086		1	N	N60b	10340N60b	STWO	28	27	-1	10	4,694.765	3,567.125	-1.55	9.35
4662,252			10359N60t	EGWO	42	4662,252	2894,51		1	N	N60b	10359N60b	EGWO	38	41	3	4	4,694.765		2.65	5.45
4600,34	2529,833		10367N68c	EGWO	48	4600,34	2409,825		7	N	N68c	10367N68c	EGWO	46	43	-3	2	4,694.765	2,722.199	-3.65	1.55
4146,203	3623,491		10367N68c	STWO	16	4146,203	3631,191		94	N	N68c	10367N68c	STWO	14	13	-1	2	4,694.765	3,567.125	-1.55	1.55
5079,487	3385,154		10375N63a	EGWO	37	5079,487	3220,34		12	N	N63a	10375N63a	EGWO	31	33	2	6	4,694.765	3,567.125	2.65	5.45
3308,892			10383M58	STWO	47	3308,892			1	M	M58b	10383M58b	STWO		36			3,112.304			
6821,71	3798,675		10472N73c	EGWO	40	6821,71	3964,759		135	N	N73d	10472N73d	EGWO	40	43	3	0	6,277.225	3,989.588	2.65	1.55
5350,914	3890,623		10472N73c	STWO		5350,914	3052,86		2	N	N73d	10472N73d	STWO					4,694.765	3,989.588		
5922,481	3246,498		10480N73c	EGWO	40	5922,481	3059,57		1	N	N73d	10480N73d	EGWO	40	43	3	0	6,277.225	3,144.662	2.65	1.55
5904,693	3079,965		10480N73f	EGWO	36	5904,693	2472,748		3	N	N73f	10480N73f	EGWO	38	40	2	-2	6,277.225	3,144.662	2.65	-2.35
5209,701	3663,107		10480N73f	STWO	49	5209,701	2668,234		6	N	N73f	10480N73f	STWO		30			4,694.765	3,567.125		
7705,03	4475,779		10499K24c	STWO	49	7705,03	3513,053		20	K	K24d	10499K24d	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7436,181	4402,762		10499K25c	STWO	49	7438,547	3572,669		199	K	K25d	10499K25d	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6632,954	4173,744		10502A00c	STWO	39	6632,954	4025,959		5	A	A00e	10502A00e	STWO	42	36	-6	-3	6,277.225	3,989.588	-5.75	-2.35
3676,279	3430,229		10510F81e	STWO	7	3676,279	3557,011		221	F	F81e	10510F81e	STWO	8	7	-1	-1	3,112.304	3,567.125	-1.55	-2.35
4154,691	3078,385		10537F77f	EGWO	28	4154,691	3161,123		14	F	F77f	10537F77f	EGWO	24	28	4	4	4,694.765	3,144.662	4.75	5.45
6162,037	4122,485		10553N62t	EGWO	40	6162,037	3721,647		4	N	N62b	10553N62b	EGWO	36	38	2	4	6,277.225	3,989.588	2.65	5.45
6755,902	4188,947		10561N62t	EGWO	40	6755,902	3929,808		17	N	N62b	10561N62b	EGWO	33	36	3	7	6,277.225	3,989.588	2.65	5.45
5573,615	3993,004		10588M56	STWO	40	5573,615	4242,691		120	M	M56c	10588M56c	STWO	31	31	0	9	6,277.225	3,989.588	0.55	9.35
3939,357	2773,04		10596F81e	EGWO	27	3939,357	2885,95		24	F	F81e	10596F81e	EGWO	27	30	3	0	4,694.765	2,722.199	2.65	1.55
4030,435	2848,931		10618F78b	EGWO	27	4030,435	2961,242		10	F	F78b	10618F78b	EGWO	25	29	4	2	4,694.765	2,722.199	4.75	1.55
4475,115	3063,449		10626F77a	EGWO	29	4475,115	3186,889		11	F	F77a	10626F77a	EGWO	24	32	8	5	4,694.765	3,144.662	8.95	5.45
7046,893	4215,06		10634K54t	STWO	49	7046,893	3418,171		208	K	K54b	10634K54b	STWO	42	40	-2	7	6,277.225	4,412.051	-1.55	5.45
4891,223	3652,954		10642N61t	STWO	39	4891,223	2878,727		10	N	N61b	10642N61b	STWO	29	25	-4	10	4,694.765	3,567.125	-3.65	9.35
7316,226	4172,925		10669K52a	STWO	49	7316,226	3149,159		77	K	K52a	10669K52a	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
3946,826	2731,085		10677N65a	EGWO	29	3945,826	2795,361		15	N	N65a	10677N65a	EGWO	23	31	8	6	4,694.765	2,722.199	8.95	5.45
4765,385	3925,826		10677N65a	STWO	16	4765,385	3533,234		4	N	N65a	10677N65a	STWO		11			4,694.765	3,989.588		
8288,55	3978,036		10685A06c	EGWO	45	8288,55	4600,773		19	A	A06c	10685A06c	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
7961,243	4646,451		10685A06c	STWO	40	7961,243	4838,709		158	A	A06c	10685A06c	STWO	44	42	-2	-4	7,859.686	4,834.514	-1.55	-2.35
7915,877	3759,237		10685A06l	EGWO	44	7915,877	4337,674		9	A	A06l	10685A06l	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	-6.25
7836,281	4526,148		10685A06l	STWO	46	7836,281	4281,879		159	A	A06l	10685A06l	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
7429,606	3771,771		10693A06l	EGWO	43	7429,606	4240,332		17	A	A06l	10693A06l	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
7707,239	4517,808		10693A06l	STWO	45	7707,239	4233,917		222	A	A06l	10693A06l	STWO	44	41	-3	1	7,859.686	4,412.051	-3.65	1.55
5232,132	3678,048		10707K90c	STWO	32	5232,132	3545,97		108	K	K90d	10707K90d	STWO	32	29	-3	0	4,694.765	3,567.125	-3.65	1.55
7282,018	4521,528		10715A01e	STWO	31	7282,018	5014,38		12	A	A01e	10715A01e	STWO	42	38	-4	-11	7,859.686	4,412.051	-3.65	-10.15
5329,785	3930,929		10723E37c	STWO	34	5329,785	3604,219		120	E	E37c	10723E37c	STWO	29	26	-3	5	4,694.765	3,989.588	-3.65	5.45
5487,056	3985,177		10723E38c	STWO	41	5487,056	3919,726		150	E	E38c	10723E38c	STWO	30	28	-2	11	6,277.225	3,989.588	-1.55	9.35
6077,275	4191,377		10758M56	STWO	40	6077,275	4577,733		36	M	M56c	10758M56c	STWO	32	31	-1	8	6,277.225	3,989.588	-1.55	9.35
4306,978	4037,429		10766N68c	STWO	8	4306,978	4743,072		8	N	N68d	10766N68d	STWO	8	13	5	0	4,694.765	3,989.588	4.75	1.55
6789,451	3562,227		10790M28	EGWO	46	6789,451	3570,502		3	M	M28c	10790M28c	EGWO		49			6,277.225	3,567.125		
6518,541	4167,886		10790M28	STWO	48	6518,541	3372,76		66	M	M28c	10790M28c	STWO	38	36	-2	10	6,277.225	3,989.588	-1.55	9.35
5768,551	3932,204		10820M55	STWO	44	5768,551	3232,112		48	M	M55h	10820M55h	STWO	32	32	0	12	6,277.225	3,989.588	0.55	13.25
3357,15	3288,865		10839F82c	STWO	9	3357,15	3282,973		131	F	F82c	10839F82c	STWO	6	6	0	3	3,112.304	3,144.662	0.55	1.55
4701,493	2558,52		10847N61t	EGWO	46	4701,493	2189		1	N	N61b	10847N61b	EGWO	40	43	3	6	4,694.765	2,722.199	2.65	5.45
4874,804	3662,85		10847N61t	STWO	39	4874,804	2903,287		31	N	N61b	10847N61b	STWO	28	24	-4	11	4,694.765	3,567.125	-3.65	9.35
7221,943	3578,744		10855A06g	EGWO	47	7221,943	3822,495		7	A	A06g	10855A06g	EGWO	49	49	0	-2	7,859.686	3,567.125	0.55	-2.35
7620,226	4563,141		10855A06g	STWO	37	7620,226	4811,28		240	A	A06g	10855A06g	STWO	43	40	-3	-6	7,859.686	4,412.051	-3.65	-6.25
7933,935	3660,55		10863A06g	EGWO	42	7933,935	4280,553		12	A	A06g	10863A06g	EGWO	49	49	0	-7	7,859.686	3,567.125	0.55	-6.25
7538,701	4505,615		10863A06g	STWO	41	7538,701	4470,137		143	A	A06g	10863A06g	STWO	43	40	-3	-2	7,859.686	4,412.051	-3.65	-2.35
6085,409	3980,268		10871E38c	STWO	46	6085,409	3270,755		133	E	E38c	10871E38c	STWO	37	35	-2	9	6,277.225	3,989.588	-1.55	9.35
6286,274	4181,699		10898E38c	STWO	48	6286,274	3257,475		98	E	E38c	10898E38c	STWO	36	33	-3	12	6,277.225	3,989.588	-3.65	13.25
5378,947	3616,791		10928E36t	STWO		5378,947	2437,222		1	E	E36b	10928E36b	STWO					4,694.765	3,567.125		
4601,782	2701,441		10936F89c	EGWO	43	4595,16	2346,887		43	F	F89c	10936F89c	EGWO	38	41	3	5	4,694.765	2,722.199	2.65	5.45
7193,732	4279,988		10944E18a	STWO	49	7206,746	3428,361		243	E	E18a	10944E18a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
3580,249	2627,314		10987N69r	EGWO	32	3580,249	2412,908		37	N	N69m	10987N69m	EGWO	22	27	5	10	3,112.304	2,722.199	4.75	9.35
3760,821	3222,973		10987N69r	STWO	14	3760,821	3198,576		196	N	N69m	10987N69m	STWO	14	11	-3	0	3,112.304	3,144.662	-3.65	1.55
4447,61	2787,877		11002F85t	EGWO	40	4447,61	2571,613		16	F	F85b	11002F85b	EGWO	37	37	0	3	4,694.765	2,722.199	0.55	1.55
4646,696	2745,961		11010F89c	EGWO	42	4645,696	2818,775		15	F	F89c	11010F89c	EGWO	37	41	4	5	4,694.765	2,722.199	4.75	5.45
8098,149	4129,88		11029K46c	STWO	49	8098,149	2701,444		19	K	K46c	11029K46c	STWO					7,859.686	3,989.588		
10021,74			11037K46c	EGWO		10021,74	2955,759		1	K	K46c	11037K46c	EGWO					9,442.146			
7612,888			11037K46c	STWO	49	7612,888	2397,69		5	K	K46c	11037K46c	STWO					7,859.686			
11283,67			11045K46a	EGWO	49	11283,67	2355,849		1	K	K46a	11045K46a	EGWO					11,024.607			
7569,763	4073,513		11045K46a	STWO	49	7569,763	2455,786		35	K	K46a	11045K46a	STWO					7,859.686	3,989.588		
10394,81	4195,692		11045K47c	EGWO	49	10394,81	3900,556		2	K	K47d	11045K47d	EGWO					11,024.607	3,989.588		
8251,317	4321,906		11045K47c	STWO	49	8251,317	3048,144		30	K	K47d	11045K47d	STWO	49	48	-1	0	7,859.686	4,412.051	-1.55	1.55
3094,152	3258,114		11088F82t	STWO	11	3094,152	3383,865		96	F	F82b	11088F82b	STWO	11	10	-1	0	3,112.304	3,144.662	-1.55	1.55

6783,66	4146,586	[redacted]	11096A01g	STWO	33	6783,66	3902,58	[redacted]	2	A	A01g	11096A01g	STWO		38		6,277.225	3,989.588		
6523,355	4144,207		11118A00b	EGWO	30	6523,355	4863,313		2	A	A00b	11118A00b	EGWO	39	41	2	-9 6,277.225	3,989.588	2.65	-10.15
5505,747	3862,479		11118A00b	STWO	26	5505,747	3991,898		1	A	A00b	11118A00b	STWO	36	32	-4	-10 6,277.225	3,989.588	-3.65	-10.15
6959,459	4257,886		11126A00c	STWO	36	6959,459	4700,292		1	A	A00d	11125A00d	STWO	43	39	-4	-7 6,277.225	4,412.051	-3.65	-6.25
4820,38	3057,245		11177N62a	EGWO	38	4820,38	2969,898		9	N	N62a	11177N62a	EGWO	33	36	3	5 4,694.765	3,144.662	2.65	5.45
5180,144	3331,984		11185N62a	EGWO	37	5180,144	3203,023		16	N	N62a	11185N62a	EGWO	31	35	4	6 4,694.765	3,144.662	4.75	5.45
5693,905	4059,239		11193K90a	STWO	25	5693,905	4304,39		109	K	K90a	11193K90a	STWO	31	26	-5	-6 6,277.225	3,989.588	-5.75	-6.25
5281,702	4113,357		11258E38c	STWO	41	5281,702	3765,794		16	E	E38c	11258E38c	STWO	30	28	-2	11 4,694.765	3,989.588	-1.55	9.35
6702,795	4230,351		11258E38c	STWO	46	6702,795	3587,456		50	E	E38d	11258E38d	STWO	39	36	-3	7 6,277.225	4,412.051	-3.65	5.45
5635,684	4095,982		11258E39a	STWO	27	5635,684	4458,778		60	E	E39a	11258E39a	STWO	20	26	6	7 6,277.225	3,989.588	6.85	5.45
5017,214	3713,813		11258E39c	STWO	33	5017,214	3298,643		42	E	E39c	11258E39c	STWO	24	25	1	9 4,694.765	3,567.125	0.55	9.35
4561,398	3711,669		11304E39a	STWO	27	4561,398	3755,039		58	E	E39a	11304E39a	STWO	21	19	-2	6 4,694.765	3,567.125	-1.55	5.45
6110,415	4193,47		11312E39c	STWO	30	6110,415	4259,271		75	E	E39c	11312E39c	STWO		32		6,277.225	3,989.588		
6151,061	2945,678		11339M33e	EGWO	49	6151,061	2521,667		64	M	M33e	11339M33e	EGWO	49	49	0	0 6,277.225	3,144.662	0.55	1.55
5573,583	3977,335		11339M33e	STWO	31	5573,583	3853,887		126	M	M33e	11339M33e	STWO	31	29	-2	0 6,277.225	3,989.588	-1.55	1.55
6161,922	4094,577		11347E38c	STWO	48	6161,922	3175,94		233	E	E38c	11347E38c	STWO	36	33	-3	12 6,277.225	3,989.588	-3.65	13.25
4741,992	3828,674		11355F89a	STWO	14	4741,992	4084,044		88	F	F89a	11355F89a	STWO	21	19	-2	-7 4,694.765	3,989.588	-1.55	-6.25
4944,373	3147,212		11363N67a	EGWO	37	4944,373	3117,087		7	N	N67a	11363N67a	EGWO	35	36	1	2 4,694.765	3,144.662	0.55	1.55
6365,903	3884,778		11398K52b	STWO	49	6365,903	2779,662		90	K	K52b	11398K52b	STWO	41	39	-2	8 6,277.225	3,989.588	-1.55	9.35
4878,087	2874,141		11401F85b	EGWO	43	4878,087	2759,357		14	F	F85b	11401F85b	EGWO	37	41	4	6 4,694.765	2,722.199	4.75	5.45
9210,722	3500,714		11428K59a	EGWO	49	9210,722	2422,452		8	K	K59a	11428K59a	EGWO	49	49	0	0 9,442.146	3,567.125	0.55	1.55
5877,261	3839,08		11428K59a	STWO	34	5877,261	3860,058		19	K	K59a	11428K59a	STWO	38	35	-3	-4 6,277.225	3,989.588	-3.65	-2.35
3498,744	3289,166		11436F82c	STWO	15	3498,744	2647,114		13	F	F82c	11436F82c	STWO	8	6	-2	7 3,112.304	3,144.662	-1.55	5.45
4120,012			11444F78c	STWO	18	4120,012	3256,689		2	F	F78d	11444F78d	STWO	14	16	2	4 4,694.765		2.65	5.45
7282,457	4399,969		11460E16a	STWO	49	7282,457	3597,467		218	E	E16a	11460E16a	STWO	41	39	-2	8 7,859.686	4,412.051	-1.55	9.35
5587,063	2822,201		11479M55	EGWO	49	5587,063	2618,996		2	M	M55g	11479M55g	EGWO	47	49	2	2 6,277.225	2,722.199	2.65	1.55
6733,465	4141,716		11479M55	STWO	46	6744,845	3593,802		104	M	M55g	11479M55g	STWO	38	38	0	8 6,277.225	3,989.588	0.55	9.35
6163,945	3246,914		11487M55	EGWO	46	6163,945	3414,648		71	M	M55g	11487M55g	EGWO	45	47	2	1 6,277.225	3,144.662	2.65	1.55
6282,19	4024,587		11487M55	STWO	48	6282,19	3284,837		64	M	M55g	11487M55g	STWO	35	36	1	13 6,277.225	3,989.588	0.55	13.25
7913,762	3588,457		11495A07g	EGWO	49	7913,762	3986,005		2	A	A07g	11495A07g	EGWO	49	49	0	0 7,859.686	3,567.125	0.55	1.55
7343,638	4348,487		11495A07g	STWO	44	7343,638	4071,137		31	A	A07g	11495A07g	STWO	44	41	-3	0 7,859.686	4,412.051	-3.65	1.55
7197,531	3208,277		11495A07h	EGWO	49	7197,531	3644,822		1	A	A07h	11495A07h	EGWO	49	49	0	0 7,859.686	3,144.662	0.55	1.55
7861,343	4274,365		11495A07h	STWO	49	7861,343	3286,803		6	A	A07h	11495A07h	STWO	48	45	-3	1 7,859.686	4,412.051	-3.65	1.55
6979,005	4319,556		11525E14c	STWO	49	6979,005	3467,146		98	E	E14d	11525E14d	STWO	39	38	-1	10 6,277.225	4,412.051	-1.55	9.35
6870,134	3953,426		11533M56	STWO	49	6870,134	2813,899		16	M	M56c	11533M56c	STWO	41	41	0	8 6,277.225	3,989.588	0.55	9.35
5950	2949,424		11576N61b	EGWO	46	5950	2865,531		1	N	N61b	11576N61b	EGWO	40	43	3	6 6,277.225	3,144.662	2.65	5.45
4604,037	3655,568		11576N61b	STWO	32	4604,037	3094,593		97	N	N61b	11576N61b	STWO	26	20	-6	6 4,694.765	3,567.125	-5.75	5.45
7104	4183,712		11584K24b	STWO	49	7104	3110,795		48	K	K24b	11584K24b	STWO	44	41	-3	5 7,859.686	3,989.588	-3.65	5.45
7184,335	4379,477		11584K24c	STWO	49	7184,335	3415,894		89	K	K24c	11584K24c	STWO	43	41	-2	6 7,859.686	4,412.051	-1.55	5.45
7343,317	4374,223		11584K24d	STWO	49	7343,317	3477,258		96	K	K24d	11584K24d	STWO	43	40	-3	6 7,859.686	4,412.051	-3.65	5.45
7294,55	4327,659		11584K24e	STWO	49	7294,55	3738,591		71	K	K24e	11584K24e	STWO	42	40	-2	7 7,859.686	4,412.051	-1.55	5.45
6285,127	4193,459		11584K25c	STWO	41	6285,127	4244,944		102	K	K25c	11584K25c	STWO	36	33	-3	5 6,277.225	3,989.588	-3.65	5.45
6913,758	4256,105		11584K25c	STWO	49	6913,758	3343,013		79	K	K25d	11584K25d	STWO	42	38	-4	7 6,277.225	4,412.051	-3.65	5.45
6356,443	4153,548		11614E38c	STWO	49	6356,443	3213,912		79	E	E38c	11614E38c	STWO	37	35	-2	12 6,277.225	3,989.588	-1.55	13.25
7524,369	3303,788		11622M55	EGWO	49	7524,369	3164,111		13	M	M55h	11622M55h	EGWO	49	49	0	0 7,859.686	3,144.662	0.55	1.55
4005,967	3725,691		11630F76a	STWO	11	4005,967	3131,211		13	F	F76a	11630F76a	STWO	9	10	1	2 4,694.765	3,567.125	0.55	1.55
8154,139	3439,919		11649M55	EGWO	49	8154,139	3555,8		18	M	M55h	11649M55h	EGWO		49		7,859.686	3,567.125		
6274,51	3795,762		11649M55	STWO	41	6274,51	2570,976		1	M	M55h	11649M55h	STWO	31	31	0	10 6,277.225	3,989.588	0.55	9.35
4378,893	3730,223		11657F89b	STWO	13	4378,893	3984,839		24	F	F89b	11657F89b	STWO	18	14	-4	-5 4,694.765	3,567.125	-3.65	-6.25
6677,054	4165,778		11665E75b	STWO	49	6677,054	3383,247		83	E	E75b	11665E75b	STWO	39	37	-2	10 6,277.225	3,989.588	-1.55	9.35
6597,087	3287,579		11673M56	EGWO	49	6597,087	2777,073		1	M	M56c	11673M56c	EGWO	49	49	0	0 6,277.225	3,144.662	0.55	1.55
6204,699	3986,483		11673M56	STWO	44	6204,699	3485,189		82	M	M56c	11673M56c	STWO	36	35	-1	8 6,277.225	3,989.588	-1.55	9.35
8199,02	3444,136		11711M55	EGWO	49	8199,02	3562		10	M	M55h	11711M55h	EGWO		49		7,859.686	3,567.125		
7076,923	4084,166		11711M55	STWO	41	7076,923	3332,854		1	M	M55h	11711M55h	STWO	31	31	0	10 7,859.686	3,989.588	0.55	9.35
3263,975	3051,378		11738T93c	STWO	5	3263,975	3141,368		50	T	T93d	11738T93d	STWO	6	7	1	-1 3,112.304	3,144.662	0.55	-2.35
6560,44	3897,049		11746M32	STWO		6560,44	3213,67		1	M	M32d	11746M32d	STWO				6,277.225	3,989.588		
5069,354	3259,404		11797N60c	EGWO	38	5069,354	3131,739		34	N	N60c	11797N60c	EGWO	33	37	4	5 4,694.765	3,144.662	4.75	5.45
5338,862	4000,456		11797N60c	STWO	27	5338,862	4596,613		31	N	N60c	11797N60c	STWO	21	21	0	6 4,694.765	3,989.588	0.55	5.45
4309,328	2603,085		11800N69a	EGWO	44	4309,328	2407,003		9	N	N69a	11800N69a	EGWO	39	40	1	5 4,694.765	2,722.199	0.55	5.45
6874,277	4083,388		11827K44a	STWO	49	6874,277	3132,356		43	K	K44a	11827K44a	STWO	42	40	-2	7 6,277.225	3,989.588	-1.55	5.45
4590,63	2633,038		11843N70b	EGWO	49	4590,63	2351,012		21	N	N70b	11843N70b	EGWO	39	43	4	10 4,694.765	2,722.199	4.75	9.35
6908,201	4180,709		11851A04c	STWO	43	6908,201	3709,413		10	A	A04c	11851A04c	STWO	39	39	0	4 6,277.225	3,989.588	0.55	5.45
7029,439	4249,168		11878A04c	STWO	40	7029,439	4280,081		22	A	A04c	11878A04c	STWO	39	38	-1	1 6,277.225	4,412.051	-1.55	1.55
3654,826	2598,684		11886F81e	EGWO	27	3654,826	2653,216		21	F	F81e	11886F81e	EGWO	29	29	0	-2 3,112.304	2,722.199	0.55	-2.35
8648,978	3951,763		11894A07e	EGWO	49	8648,978	4204,838		3	A	A07e	11894A07e	EGWO	49	49	0	0 7,859.686	3,989.588	0.55	1.55
7700,709	4668,741		11894A07e	STWO	38	7700,709	4759,427		239	A	A07e	11894A07e	STWO	42	39	-3	-4 7,859.686	4,834.514	-3.65	-2.35
5289,525	3878,121		11908M31	STWO	28	5289,525	4109,063		84	M	M31c	11908M31c	STWO	27	24	-3	1 4,694.765	3,989.588	-3.65	1.55
4361,661	2638,062		11959N65c	EGWO	38	4361,661	2399,202		40	N	N65c	11959N65c	EGWO	35	38	3	3 4,694.765	2,722.199	2.65	1.55
4325,711	2759,972		11967F76a	EGWO	39	4325,711	2659,199		16	F	F76a	11967F76a	EGWO	32	37	5	7 4,694.765	2,722.199	4.75	5.45
6442,997			12017K24c	EGWO	47	6442,997	3314,839		1	K	K24c	12017K24c	EGWO				6,277.225			
7678,924	4377,92		12017K24c	STWO	49	7678,924	3562,932		207	K	K24c	12017K24c	STWO	45	42	-3	4 7,859.686	4,412.051	-3.65	5.45
7784,094	4476,238		12017K24d	STWO	49	7784,094	3574,811		47	K	K24d	12017K24d	STWO	45	43	-2	4 7,859.686	4,412.051	-1.55	5.45
7957,363	4298,403		12033K47a	STWO	49	7957,363	2839,434		105	K	K47a	12033K47a	STWO	49	47	-2	0 7,859.686	4,412.051	-1.55	1.55
6820,057	3902,648		12033K47e	STWO	49	6820,057	2533,996		16	K	K47e	12033K47e	STWO	45	43	-2	4 6,277.225	3,989.588	-1.55	5.45
7772,482	4376,225		12033K47f	STWO	49	7772,482	3038,29		156	K	K47f	12033K47f	STWO	48	46	-2	1 7,859.686	4,412.051	-1.55	1.55
7624,365	3056,515		12041M56	EGWO	49	7624,365	2974,479		1	M	M56c	12041M56c	EGWO	49	49	0	0 7,859.686	3,144.662	0.55	1.55
6565,906	3890,159		12041M56	STWO	49	6565,906	2723,562		59	M	M56c	12041M56c	STWO	41	40	-1	8 6,277.225	3,989.588	-1.55	9.35
3922,233	2796,048		12068F81e	EGWO	25	3922,233	2917,765		20	F	F81e	12068F81e	EGWO	26	29	3	-1 4,694.765	2,722.199	2.65	-2.35
6709,028	4111,759		12076E16a	STWO	49	6709,028	3420,095		128	E	E16a	12076E16a	STWO	40	38	-2	9 6,277.225	3,989.588	-1.55	9.35
6369,507	4061,766		12084E16a	STWO	45	6369,507	3568,215		148	E	E16a	12084E16a	STWO	38	36	-2	7 6,277.225	3,989.588	-1.55	5.45
6869,706	4181,335		12084E16b	STWO	49	6869,706	3424,024		186	E	E16b	12084E16b	STWO	40	39	-1	9 6,277.225	3,989.588	-1.55	9.35
4133,793	2850,238		12092F78c	EGWO	30	4133,793	2907,375		47	F	F78d	12092F78d	EGWO	27	31	4	3 4,694.765	2,722.199	4.75	1.55
8529,507	3774,345		12114A07g	EGWO	49	8529,507	3913,284		10	A	A07g	12114A07g	EGWO	49	49	0	0 7,859.686	3,567.125	0.55	1.55
7896,675	4524,274		12114A07g	STWO	45	7896,675	4378,012		41	A	A07g	12114A07g	STWO	46	43	-3	-1 7,859.686	4,412.051	-3.65	-2.35
7810,453			12114A07h	EGWO	49	7810,453	3500,481		2	A	A07h	12114A07h	EGWO	49	49	0	0 7,859.686		0.55	1.55
7305,91	4251,415		12114A07h	STWO	48	7305,91	3795,036		21	A	A07h	12114A07h	STWO	46	42	-4	2 7,859.686	4,412.051	-3.65	1.55
7087,5	3460,814		12122E21b	EGWO	49	7087,5	3738,958		1	E	E21b	12122E21b	EGWO	49	49	0	0 7,859.686	3,567.125	0.55	1.55
7910,676	4523,045		12122E21b	STWO	49	7910,676	3574,749		115	E	E21b	12122E21b	STWO	45	42	-3	4 7,859.686	4,412.051	-3.65	5.45
4847,889	3854,722		12130F76b	STWO	5	4847,889	4842,733		56	F	F76b	12130F76b	STWO	12	13	1	-7 4,694.765	3,989.588	0.55	-6.25
4741,11	2741,308		12149N70b	EGWO	48	4741,11	2459,613		16	N	N70b	12149N70b	EGWO	37	42	5	11 4,694.765	2,722.199	4.75	9.35
4528,316	3593,354		12157N60c	EGWO	34	4528,316	2987,868		23	N	N60c	12157N60c	STWO	21	20	-1	13 4,694.765	3,567.125	-1.55	13.25
5873,251	4113,468		12173K90a	STWO	25	5873,251	4385,828		82	K	K90a	12173K90a	STWO	31	29	-2	-6 6,277.225	3,989.588	-1.55	-6.25
3380,265	3118,492		12181T93c	STWO	6	3380,265	3233,653		48	T	T93d	12181T93d	STWO	8	8	0	-2 3,112.304	3,144.662	0.55	-2.35
4572,176	2996,508		12203F76a	EGWO	35	4572,176	2945,448		23	F	F76a	12203F76a	EGWO	29	34	5	6 4,694.765	3,144.662	4.75	5.45
4426,92	3819,608		12203F76a	STWO	7	4426,92	4218,013		72	F	F76a	12203F76a	STWO	10	14	4	-3 4,694.765	3,989.588	4.75	-2.35
4149,287	3374,222		12211F81c	STWO	18	4149,287	2916,195		14	F	F81c	12211F81c	STWO	14	18	4	4 4,694.765	3,567.125	4.75	5.45
6877,193	4414,115		12254A09h	STWO	39	6877,193	5060,57		1	A	A09h	12254A09h	STWO	39	37	-2	0 6,277.225	4,412.051	-1.55	1.55
4339,779	2689,657		12262F81e	EGWO	33	4339,779	2747,198		24	F	F81e	12262F81e	EGWO	33	35	2	0 4,694.765	2,722.199	2.65	1.55
6949,96	4279,484		12319K54a	STWO	49	6949,96	3524,454		87	K	K54a	12319K54a	STWO	41	38	-3	8 6,277.225	4,412.051	-3.65	9.35
6483,53	4000,125		12319K54b	STWO	49	6483,53	3039,583		35	K	K54b	12319K54b	STWO	41	38	-3	8 6,277.225	3,989.588	-3.65	9.35
7099,654	4078,422		12335K52h	STWO	47	7099,654	3688,641		121	K	K52h	12335K52h	STWO	44	43	-1	3 7,859.686	3,989.588	-1.55	1.55
10636,11	4014,733		12343K47a	EGWO	49	10636,11	2846,509		2	K	K47a	12343K47a	EGWO				11,024.607	3,989.588		
8043,922	4210,332		12343K47a	STWO	49	8043,922	2695,721		28	K	K47a	12343K47a	STWO		46		7,859.686	4,412.051		

6019,565	3727,092	[redacted]	12378K91c	STWO	28	6019,565	2709,722	[redacted]	4	K	K91c	12378K91c	STWO	29	29	0	-1	6,277.225	3,567.125	0.55	-2.35		
7363,151	3891,46		12386A05c	EGWO	49	7363,151	4700,171		3	A	A05d	12386A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55		
7689,643	4372,168		12386A05c	STWO	47	7689,643	4079,676		9	A	A05d	12386A05d	STWO	46	43	-3	1	7,859.686	4,412.051	-3.65	1.55		
7368,852	3896,617		12394N73f	EGWO	45	7368,852	4249,705		1	N	N73h	12394N73h	EGWO	43	45	2	2	7,859.686	3,989.588	2.65	1.55		
6692,019	3898,755		12408M56	STWO	49	6692,019	2684,341		38	M	M56b	12408M56b	STWO	40	42	2	9	6,277.225	3,989.588	2.65	9.35		
7598,473	3140,586		12408M56	EGWO	49	7598,473	2923,116		34	M	M56c	12408M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55		
6441,415	3871,331		12408M56	STWO	49	6441,415	2704,402		39	M	M56c	12408M56c	STWO	39	40	1	10	6,277.225	3,989.588	0.55	9.35		
4675,399	2696,552		12416N70l	EGWO	49	4675,399	2398,64		9	N	N70b	12416N70b	EGWO	39	42	3	10	4,694.765	2,722.199	2.65	9.35		
6790,483	2996,139		12424M56	EGWO	49	6790,483	2608,905		6	M	M56c	12424M56c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55		
6572,336	3904,689		12424M56	STWO	49	6572,336	2721,945		7	M	M56c	12424M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35		
3857,054	2687,227		12440N68c	EGWO	38	3857,054	2732,64		16	N	N68d	12440N68d	EGWO	34	36	2	4	3,112.304	2,722.199	2.65	5.45		
5069,957	3757,36		12459N61l	STWO	39	5069,957	3104,176		27	N	N61b	12459N61b	STWO	28	25	-3	11	4,694.765	3,567.125	-3.65	9.35		
6568,591	4064,249		12467A01g	STWO	33	6568,591	3629,609		4	A	A01g	12467A01g	STWO		38			6,277.225	3,989.588				
7540,67	3381,686		12475A02c	EGWO	49	7540,67	3818,663		1	A	A02c	12475A02c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55		
7468,476	4510,283		12475A02c	STWO	40	7468,476	4800,08		14	A	A02c	12475A02c	STWO	44	40	-4	-4	7,859.686	4,412.051	-3.65	-2.35		
7214,531	4506,358		12483A00c	STWO	32	7214,531	4740,314		9	A	A00d	12483A00d	STWO	41	37	-4	-9	7,859.686	4,412.051	-3.65	-10.15		
7169,014	3647,858		12491A01g	EGWO		7169,014	4654,512		1	A	A01g	12491A01g	EGWO					7,859.686	3,567.125				
7294,859	4334,498		12491A01g	STWO	33	7294,859	4207,163		4	A	A01g	12491A01g	STWO		38			7,859.686	4,412.051				
7339,955	4567,37		12505A03f	STWO	35	7339,955	4782,96		9	A	A03f	12505A03f	STWO	41	37	-4	-6	7,859.686	4,412.051	-3.65	-6.25		
3995,855	2688,177		12513F81t	EGWO	33	3995,855	2460,788		13	F	F81b	12513F81b	EGWO	33	33	0	0	4,694.765	2,722.199	0.55	1.55		
3975,163	3340,948		12513F81t	STWO	21	3975,163	2721,003		64	F	F81b	12513F81b	STWO	16	17	1	5	4,694.765	3,144.662	0.55	5.45		
4202,523	3008,277		12521F77f	EGWO	28	4202,523	3089,227		37	F	F77f	12521F77f	EGWO	24	28	4	4	4,694.765	3,144.662	4.75	5.45		
6631,107	3667,224		12580A00a	EGWO	32	6631,107	4442,012		12	A	A00a	12580A00a	EGWO	42	44	2	-10	6,277.225	3,567.125	2.65	-10.15		
6846,465	4299,947		12580A00a	STWO	35	6846,465	4448,862		31	A	A00a	12580A00a	STWO	41	37	-4	-6	6,277.225	4,412.051	-3.65	-6.25		
6633,333	3949,836		12580A00c	EGWO	34	6633,333	4782,748		1	A	A00c	12580A00c	EGWO	44	47	3	-10	6,277.225	3,989.588	2.65	-10.15		
6766,103	4306,432		12580A00c	STWO	31	6766,103	4721,209		41	A	A00c	12580A00c	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15		
7634,493	3921,216		12580A04c	EGWO	43	7634,493	4309,127		6	A	A04d	12580A04d	EGWO	49	49	0	-6	7,859.686	3,989.588	0.55	-6.25		
6905,425	4325,037		12580A04c	STWO	37	6905,425	4396,861		71	A	A04d	12580A04d	STWO	40	38	-2	-3	6,277.225	4,412.051	-1.55	-2.35		
6067,024	4192,969		12580A04e	STWO	34	6067,024	4527,645		19	A	A04e	12580A04e	STWO	39	32	-7	-5	6,277.225	3,989.588	-7.85	-6.25		
6750,449	4011,422		12602K52b	STWO	49	6750,449	2954,375		79	K	K52b	12602K52b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45		
7309,081	3812,021		12629K44c	EGWO	49	7309,081	3685,656		6	K	K44d	12629K44d	EGWO	47	48	1	2	7,859.686	3,989.588	0.55	1.55		
6638,184	4014,342		12629K44c	STWO	49	6638,184	3068,576		40	K	K44d	12629K44d	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45		
8083,71	2789,947		12645K90c	EGWO	49	8083,71	2379,82		8	K	K90c	12645K90c	EGWO	48	48	0	1	7,859.686	2,722.199	0.55	1.55		
4980,325	3833,354		12653N60a	STWO	32	5013,587	3371,326		30	N	N60a	12653N60a	STWO	23	22	-1	9	4,694.765	3,989.588	-1.55	9.35		
4673,998	3740,74		12661N60a	STWO	31	4673,998	3173,724		17	N	N60a	12661N60a	STWO	22	22	0	9	4,694.765	3,567.125	0.55	9.35		
7495,781	4155,255		12726E20b	STWO	49	7495,781	2837,069		8	E	E20b	12726E20b	STWO	47	45	-2	2	7,859.686	3,989.588	-1.55	1.55		
7432,196	4207,135		12726E20c	STWO	49	7432,196	3001,063		25	E	E20c	12726E20c	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55		
7721,594	4167,387		12726E22b	STWO	49	7749,485	2863,338		22	E	E22b	12726E22b	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55		
6435,413	4069,802		12734E37c	STWO	49	6435,413	3110,393		42	E	E37d	12734E37d	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35		
7517,869	4365,726		12742K24b	STWO	49	7517,869	3354,063		28	K	K24b	12742K24b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45		
7784,953	4510,29		12742K24e	STWO	49	7784,953	3665,04		15	K	K24e	12742K24e	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45		
8283,769	4697,186		12750K24b	STWO	49	8283,769	3899,284		85	K	K24b	12750K24b	STWO	45	43	-2	4	7,859.686	4,834.514	-1.55	5.45		
8066,602	4553,371		12750K24c	STWO	49	8066,602	3704,246		90	K	K24c	12750K24c	STWO	47	43	-4	2	7,859.686	4,412.051	-3.65	1.55		
6882,353	3572,421		12750K24c	EGWO		6882,353	3986,519		1	K	K24d	12750K24d	EGWO					6,277.225	3,567.125				
7929,32	4500,084		12750K24c	STWO	49	7929,32	3673,995		77	K	K24d	12750K24d	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45		
7209,093	3594,128		12750K24e	EGWO	48	7209,093	4024,321		3	K	K24e	12750K24e	EGWO	49	49	0	-1	7,859.686	3,567.125	0.55	-2.35		
7554,414	4479,991		12750K24e	STWO	49	7554,414	3552,205		239	K	K24e	12750K24e	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45		
6690,06	4074,858		12769E16a	STWO	49	6690,06	3070,235		46	E	E16a	12769E16a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35		
7025,397	3984,815		12777K47g	STWO	49	7025,397	2644,569		130	K	K47g	12777K47g	STWO	44	43	-1	5	6,277.225	3,989.588	-1.55	5.45		
8922,651	3333,398		12831K49b	EGWO	49	8922,651	2418,584		21	K	K49b	12831K49b	EGWO	49	49	0	0	9,442.146	3,144.662	0.55	1.55		
7368,951	4015,451		12831K49b	STWO	49	7368,951	2521,603		62	K	K49b	12831K49b	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55		
9095,611	3354,864		12831K49c	EGWO	49	9095,611	2418,178		7	K	K49d	12831K49d	EGWO	49	49	0	0	9,442.146	3,144.662	0.55	1.55		
7402,188	4037,32		12831K49c	STWO	49	7402,188	2579,436		71	K	K49d	12831K49d	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55		
8652,147	3314,541		12831K49e	EGWO	49	8652,147	2408,609		7	K	K49e	12831K49e	EGWO	49	49	0	0	9,442.146	3,144.662	0.55	1.55		
7323,001	4047,345		12831K49e	STWO	49	7323,001	2585,817		93	K	K49e	12831K49e	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55		
6920,768	4050,054		12858K52b	STWO	49	6920,768	2971,437		70	K	K52b	12858K52b	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45		
7236,234	4386,137		12866E40a	STWO	49	7236,234	3447,182		338	E	E40a	12866E40a	STWO	44	40	-4	5	7,859.686	4,412.051	-3.65	5.45		
6917,06	4281,289		12874E40a	STWO	49	6917,06	3267,482		315	E	E40a	12874E40a	STWO	40	38	-2	9	6,277.225	4,412.051	-1.55	9.35		
6159,298	4046,944		12890E37f	STWO	49	6161,245	3087,32		187	E	E37f	12890E37f	STWO	37	34	-3	12	6,277.225	3,989.588	-3.65	13.25		
5777,188	3945,188		12904K90c	STWO	30	5777,188	4041,961		44	K	K90c	12904K90c	STWO	30	29	-1	0	6,277.225	3,989.588	-1.55	1.55		
7644,883	3808,712		12939A06k	EGWO	45	7644,883	4381,755		4	A	A06k	12939A06k	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35		
6723,123	4731,551		12939A06k	STWO	41	6723,123	5122,798		30	A	A06k	12939A06k	STWO	45	42	-3	-4	6,277.225	4,834.514	-3.65	-2.35		
6860,417	3393,236		12955M27	EGWO	49	6860,417	3579,186		8	M	M27b	12955M27b	EGWO	48	49	1	1	6,277.225	3,567.125	0.55	1.55		
6657,769	4029,484		12955M27	STWO	49	6657,769	2913,909		63	M	M27b	12955M27b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45		
5442,21	3791,917		12963K90a	STWO	31	5442,21	3739,85		77	K	K90a	12963K90a	STWO	34	31	-3	-3	4,694.765	3,989.588	-3.65	-2.35		
7303,137	4429,498		12998E16a	STWO	49	7303,137	3647,133		111	E	E16a	12998E16a	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35		
7452,264	4485,022		12998E16b	STWO	49	7452,264	3589,443		23	E	E16b	12998E16b	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45		
8264,53			12998E16c	EGWO		8264,53			10	E	E16c	12998E16c	EGWO					7,859.686					
7458,73	4385,358		12998E16c	STWO	47	7458,73	3937,897		209	E	E16c	12998E16c	STWO	43	42	-1	4	7,859.686	4,412.051	-1.55	5.45		
6803,279	3453,069		13005M55	EGWO	49	6803,279	3036,385		1	M	M55h	13005M55h	EGWO		49			6,277.225	3,567.125				
6226,606	4166,299		13021E38c	STWO	48	6226,606	3226,651		81	E	E38c	13021E38c	STWO	35	33	-2	13	6,277.225	3,989.588	-1.55	13.25		
4347,342	3734,045		13048F78a	STWO	8	4347,342	4232,433		35	F	F78a	13048F78a	STWO	16	13	-3	-8	4,694.765	3,567.125	-3.65	-6.25		
4045,894	2705,113		13048F78b	STWO	34	4045,894	2679,162		19	F	F78b	13048F78b	EGWO	29	34	5	5	4,694.765	2,722.199	4.75	5.45		
5346,044	3481,773		13056N63a	EGWO	39	5346,044	3277,262		24	N	N63a	13056N63a	EGWO	32	35	3	7	4,694.765	3,567.125	2.65	5.45		
4894,235	2782,037		13064N68f	EGWO	43	4894,235	2748,219		19	N	N68f	13064N68f	EGWO	40	43	3	3	4,694.765	2,722.199	2.65	1.55		
6618,594	4289,186		13099A00c	STWO	35	6618,594	3909,541		16	A	A00c	13099A00c	STWO	42	35	-7	-7	6,277.225	4,412.051	-7.85	-6.25		
6257,713	4119,785		13102M32a	STWO	41	6257,713	3650,3		71	M	M32a	13102M32a	STWO	36	33	-3	5	6,277.225	3,989.588	-3.65	5.45		
3940,103	2767,772		13110F83a	EGWO	28	3940,103	2840,58		27	F	F83a	13110F83a	EGWO	28	30	2	0	4,694.765	2,722.199	2.65	1.55		
5687,365	2891,998		13137K90c	EGWO	49	5687,365	2587,985		6	K	K90d	13137K90d	EGWO	48	49	1	1	6,277.225	2,722.199	0.55	1.55		
3861,774	3103,232		13161N65c	EGWO	28	3861,774	3178,115		33	N	N65c	13161N65c	EGWO	25	28	3	3	3,112.304	3,144.662	2.65	1.55		
7388,342	3803,652		13196A06a	EGWO	41	7388,342	4292,34		10	A	A06a	13196A06a	EGWO	47	48	1	-6	7,859.686	3,989.588	0.55	-6.25		
7708,319	4622,053		13196A06a	STWO	41	7708,319	4585,887		270	A	A06a	13196A06a	STWO	43	40	-3	-2	7,859.686	4,412.051	-3.65	-2.35		
6464,286	3990,482		13218A01b	EGWO	24	6464,286	4851,809		1	A	A01b	13218A01b	EGWO	38	43	5	-14	6,277.225	3,989.588	4.75	-14.05		
7735,093	4736,914		13218A01b	STWO	28	7735,093	5549,78		12	A	A01b	13218A01b	STWO	41	37	-4	-13	7,859.686	4,834.514	-3.65	-14.05		
8522,06	3860,715		13226K24a	EGWO	46	8522,06	4120,333		3	K	K24a	13226K24a	EGWO	49	49	0	-3	7,859.686	3,989.588	0.55	-2.35		
7554,432	4332,971		13226K24a	STWO	49	7554,432	3446,317		207	K	K24a	13226K24a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45		
7472,938	4471,863		13226K24c	STWO	48	7472,938	3895,787		79	K	K24d	13226K24d	STWO	43	40	-3	5	7,859.686	4,412.051	-3.65	5.45		
6412,045	3101,815		13226K24e	EGWO	48	6412,045	3044,159		4	K	K24e	13226K24e	EGWO	49	49	0	-1	6,277.225	3,144.662	0.55	-2.35		
7455,588	4389,058		13226K24e	STWO	49	7455,588	3558,511		534	K	K24e	13226K24e	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45		
7316,484	4315,402		13234M27	STWO	49	7316,484	3361,763		107	M	M27b	13234M27b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45		
6206,853	4203,658		13242K52g	STWO	28	6206,853	4444,491		24	K	K52g	13242K52g	STWO	34	32	-2	-6	6,277.225	4,412.051	-1.55	-6.25		
6886,79	4266,616		13242K52h	STWO	44	6886,79	3873,671		97	K	K52h	13242K52h	STWO	41	38	-3	3	6,277.225	4,412.051	-3.65	1.55		
5900,027	4300,313		13250M57	STWO	40	5900,027	3507,877		16	M	M57a	13250M57a	STWO	27	27	0	13	6,277.225	4,412.051	0.55	13.25		
5709,799	3682,883		13269N62l	EGWO	37	5709,799	3579,279		24	N	N62b	13269N62b	EGWO	33	35	2	4	6,277.225	3,567.125	2.65	5.45		
6826,21	4168,754		13285K26a	STWO	49	6826,21	3301,914		69	K	K26a	13285K26a	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35		
5615,611	3932,051		13293E37c	STWO	44	5615,611	3029,223		155	E	E37c	13293E37c	STWO	32	30	-2	12	6,277.225	3,989.588	-1.55	13.25		
6858,277	4337,179		13358A01e	STWO	35	6900,451	4494,332		32	A	A01e	13358A01e	STWO	40	36	-4	-5	6,277.225	4,412.051	-3.65	-6.25		
6369,624	3171,926		13366M27	EGWO	49	6369,624	3522,72		3	M	M27b	13366M27b	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55		
6872,514	4102,329		13366M27	STWO	49	6872,514	3024,163		118	M	M27b	13366M27b	STWO	44	41	-3	5	6,277.225	3,989.588	-3.65	5.45		
7003,041	4053,144		13374K52a	STWO	49	7003,041	3000,265		93	K	K52a	13374K52a	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45		
5651,384	3966,411		13382E37c	STWO	44	5651,384	3080,64		70	E	E37c	13382E37c	STWO	33	29	-4	11	6,277.225	3,989.588	-3.65	9.35		
3807,681	2618,772		13390F83a	EGWO	30	3807,681	2649,124		31	F	F83a	13390F83a	EGWO	29	31	2	1	3,112.304	2,722.199	2.65	1.55		
6727,416	4184,011		13404K54c	STWO	49	6727,416	3350,078		107	K	K54d	13404K54d	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35		

7814,711	4661,128	[redacted]	13412A00c	STWO	31	7814,711	5599,346	[redacted]	6	A	A00d	13412A00d	STWO	44	40	-4	-13	7,859.686	4,834.514	-3.65	-14.05
6194,96	4090,127		13420E38c	STWO	49	6194,96	3145,542		179	E	E38c	13420E38c	STWO	36	34	-2	18	6,277.225	3,989.588	-1.55	13.25
7197,607	4418,395		13447E14c	STWO	49	7197,607	3595,304		108	E	E14d	13447E14d	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
7331,77	4476,877		13447E14e	STWO	49	7331,77	3654,674		100	E	E14e	13447E14e	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
7451,627	3574,027		13455A04f	EGWO	43	7451,627	4175,102		15	A	A04h	13455A04h	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
7403,018	4439,484		13455A04f	STWO	40	7403,018	4561,546		95	A	A04h	13455A04h	STWO	42	41	-1	-2	7,859.686	4,412.051	-1.55	-2.35
6672,809	4131,62		13471K44b	STWO	49	6672,809	3279,478		134	K	K44b	13471K44b	STWO	37	38	1	12	6,277.225	3,989.588	0.55	13.25
6877,808	4209,902		13528A06i	STWO	43	6877,808	3818,314		77	A	A06i	13528A06i	STWO	43	39	-4	0	6,277.225	4,412.051	-3.65	1.55
4140,422	3753,895		13544N68c	STWO	6	4140,422	4198,254		153	N	N68c	13544N68c	STWO	10	9	-1	-4	4,694.765	3,567.125	-1.55	-2.35
5568,635	2785,612		13579K91c	EGWO	49	5568,635	2431,051		26	K	K91c	13579K91c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5693,662	3035,187		13595K90i	EGWO	49	5693,662	2643,796		7	K	K90i	13595K90i	EGWO	48	46	-2	1	6,277.225	3,144.662	-1.55	1.55
6110,194	3788,574		13595K90i	STWO	37	6110,194	3836,091		31	K	K90i	13595K90i	STWO	41	37	-4	-4	6,277.225	3,989.588	-3.65	-2.35
4460,859	2772,561		13609N68c	EGWO	40	4460,859	2679,151		31	N	N68d	13609N68d	EGWO	41	38	-3	-1	4,694.765	2,722.199	-3.65	-2.35
4950,282	3612,705		13617N65b	EGWO	31	4950,282	3438,706		34	N	N65b	13617N65b	EGWO	25	27	2	6	4,694.765	3,567.125	2.65	5.45
5090,541	3996,914		13625K91c	STWO	23	5090,541	4289,321		47	K	K91c	13625K91c	STWO	29	21	-8	-6	4,694.765	3,989.588	-7.85	-6.25
7504,756	3529,357		13633A05c	EGWO	49	7504,756	3458,539		2	A	A05d	13633A05d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6844,656	4315,822		13633A05c	STWO	37	6844,656	4291,541		108	A	A05d	13633A05d	STWO	41	37	-4	-4	6,277.225	4,412.051	-3.65	-2.35
6523,912	4194,296		13676A09c	STWO	31	6523,912	4384,207		3	A	A09c	13676A09c	STWO	35	34	-1	-4	6,277.225	3,989.588	-1.55	-2.35
3090,725	3140,314		13684T94c	STWO	5	3090,725	3174,464		314	T	T94c	13684T94c	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
10610,68	3883,995		13730K49c	EGWO	49	10610,68	2626,176		14	K	K49a	13730K49a	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55
6051,476	4039,662		13757E37c	STWO	44	6051,476	3083,64		79	E	E37c	13757E37c	STWO	35	33	-2	9	6,277.225	3,989.588	-1.55	9.35
5854,855	2857,408		13773K90c	EGWO	49	5854,855	2434,652		27	K	K90d	13773K90d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4826,686	3289,675		13811F76a	EGWO	32	4826,686	3278,207		24	F	F76a	13811F76a	EGWO	27	32	5	5	4,694.765	3,144.662	4.75	5.45
3678,396	3103,144		13846N69r	STWO	16	3678,396	3090,931		264	N	N69m	13846N69m	STWO	16	14	-2	0	3,112.304	3,144.662	-1.55	1.55
4373,835	3612,424		13854F82c	STWO	23	4373,835	3170,655		76	F	F82d	13854F82d	STWO	20	19	-1	3	4,694.765	3,567.125	-1.55	1.55
7263,588	4407,061		13862M58	STWO	47	7263,588	3542,399		37	M	M58b	13862M58b	STWO		36			7,859.686	4,412.051		
5703,937	3433,285		13870N66c	EGWO	32	5703,937	3734,595		35	N	N66d	13870N66d	EGWO	36	37	1	-4	6,277.225	3,567.125	0.55	-2.35
2810,968	3034,049		13889T93g	STWO	5	2810,968	3035,229		340	T	T93g	13889T93g	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
6993,886			13919A05t	EGWO	40	6993,886	3124,471		2	A	A05b	13919A05b	EGWO	46	47	1	-6	6,277.225		0.55	-6.25
7019,415	4342,71		13919A05t	STWO	39	7019,415	4006,827		78	A	A05b	13919A05b	STWO	42	38	-4	-3	6,277.225	4,412.051	-3.65	-2.35
5650,458	3951,539		13919A05c	STWO	38	5650,458	3597,753		122	A	A05c	13919A05c	STWO	39	33	-6	-1	6,277.225	3,989.588	-5.75	-2.35
6906,156	3760,581		13935A05c	EGWO	37	6906,156	4147,348		6	A	A05c	13935A05c	EGWO	43	47	4	-6	6,277.225	3,567.125	4.75	-6.25
7377,055	4476,185		13935A05c	STWO	39	7377,465	4542,853		223	A	A05c	13935A05c	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
6679,883	4036,176		13943K44c	STWO	49	6679,883	3102,908		64	K	K44a	13943K44a	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
6742,977	4079,384		13943K44b	STWO	49	6736,273	3117,577		173	K	K44b	13943K44b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6697,129	4144,448		13943K44e	STWO	49	6692,314	3299,733		169	K	K44e	13943K44e	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
7517,647	4195,469		13951A05c	EGWO	38	7517,647	4840,296		1	A	A05c	13951A05c	EGWO	43	45	2	-5	7,859.686	3,989.588	2.65	-6.25
7193,298	4378,039		13951A05c	STWO	36	7193,298	4601,813		78	A	A05c	13951A05c	STWO	43	39	-4	-7	7,859.686	4,412.051	-3.65	-6.25
6697,975	4405,453		13951A05g	STWO	29	6697,975	4794,794		11	A	A05g	13951A05g	STWO	36	36	0	-7	6,277.225	4,412.051	0.55	-6.25
6039,887	3768,088		13978A05b	EGWO	40	6039,887	3920,192		2	A	A05b	13978A05b	EGWO	46	47	1	-6	6,277.225	3,567.125	0.55	-6.25
7723,381	4601,544		13978A05b	STWO	37	7723,381	4858,114		174	A	A05b	13978A05b	STWO	43	40	-3	-6	7,859.686	4,412.051	-3.65	-6.25
5964,988	4045,222		13994E14c	STWO	31	5964,988	4063,564		135	E	E14c	13994E14c	STWO	33	31	-2	-2	6,277.225	3,989.588	-1.55	-2.35
6916,236	4234,23		13994E14c	STWO	49	6916,236	3344,343		95	E	E14d	13994E14d	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35
7383,658	4398,042		13994E14e	STWO	49	7383,658	3595,73		75	E	E14e	13994E14e	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
5963,59	3879,16		13994E15a	STWO	36	5963,59	3845,659		122	E	E15a	13994E15a	STWO	39	35	-4	-3	6,277.225	3,989.588	-3.65	-2.35
6186,772	4065,105		13994E15c	STWO	48	6186,772	3302,233		3	E	E15c	13994E15c	STWO	27	33	6	21	6,277.225	3,989.588	6.85	21.05
5946,693	4103,445		13994E36a	STWO	39	5946,693	3604,093		95	E	E36a	13994E36a	STWO	36	31	-5	3	6,277.225	3,989.588	-5.75	1.55
5784,861	4153,977		13994E37a	STWO	27	5784,861	4531,233		83	E	E37a	13994E37a	STWO	30	28	-2	-3	6,277.225	3,989.588	-1.55	-2.35
5955,456	3985,577		13994E37f	STWO	49	5955,456	3054,224		103	E	E37f	13994E37f	STWO	36	33	-3	13	6,277.225	3,989.588	-3.65	13.25
5135,542	3349,598		13994F79a	EGWO		5135,542	3402,532		4	F	F79a	13994F79a	EGWO					4,694.765	3,144.662		
10872,6	3866,597		14001K47e	EGWO	49	10872,6	2488,376		24	K	K47e	14001K47e	EGWO		49			11,024.607	3,989.588		
8018,768	4281,114		14001K47e	STWO	49	8018,768	2854,048		16	K	K47e	14001K47e	STWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
5928,647	3756,809		14028N60a	STWO	41	5928,647	3116,763		6	N	N60a	14028N60a	STWO	32	32	0	9	6,277.225	3,567.125	0.55	9.35
5818,852	3995,273		14036N60a	STWO	40	5818,852	3488,974		13	N	N60a	14036N60a	STWO	31	30	-1	9	6,277.225	3,989.588	-1.55	9.35
5078,91	3579,73		14060M31c	STWO	33	5078,91	3289,987		9	M	M31c	14060M31c	STWO	31	29	-2	2	4,694.765	3,567.125	-1.55	1.55
5287,178	3337,583		14079N67a	EGWO	39	5287,178	3250,379		8	N	N67a	14079N67a	EGWO	34	37	3	5	4,694.765	3,144.662	2.65	5.45
7991,761	4790,322		14087A03e	STWO	40	7991,761	5208,733		5	A	A03e	14087A03e	STWO	43	40	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7286,605	4615,309		14087A03f	STWO	33	7286,605	4890,539		9	A	A03f	14087A03f	STWO	40	37	-3	-7	7,859.686	4,412.051	-3.65	-6.25
4364,832	3544,14		14117N72a	STWO	38	4364,832	3107,446		17	N	N72a	14117N72a	STWO	19	19	0	19	4,694.765	3,567.125	0.55	17.15
7373,366	4533,792		14133A01h	STWO	33	7373,366	4861,076		18	A	A01h	14133A01h	STWO	41	37	-4	-8	7,859.686	4,412.051	-3.65	-6.25
9767,826	3584,494		14141K49b	EGWO	49	9767,826	2387,681		7	K	K49b	14141K49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7296,754	3975,194		14141K49b	STWO	49	7296,754	2580,981		6	K	K49b	14141K49b	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
4606,995	4233,353		14206E12a	STWO	48	4606,995	3763,462		394	E	E12a	14206E12a	STWO	41	41	0	7	4,694.765	4,412.051	0.55	5.45
6542,341	4197,382		14214A01c	STWO	37	6542,341	4165,117		19	A	A01c	14214A01c	STWO	40	36	-4	-3	6,277.225	3,989.588	-3.65	-2.35
7369,196	2925,882		14222K52a	EGWO	49	7369,196	2571,129		40	K	K52a	14222K52a	EGWO	49	49	0	0	7,859.686	2,722.199	0.55	1.55
6841,095	3960,425		14222K52a	STWO	49	6841,095	2810,187		22	K	K52a	14222K52a	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
11034,29	3761,331		14249K47g	EGWO	49	11034,29	2731,055		6	K	K47g	14249K47g	EGWO					11,024.607	3,567.125		
7259,412	4029,999		14249K47g	STWO	49	7259,412	2664,026		148	K	K47g	14249K47g	STWO	45	44	-1	4	7,859.686	3,989.588	-1.55	5.45
5357,279	3529,56		14273M32	STWO	31	5357,279	4610,762		10	M	M32a	14273M32a	STWO	34	32	-2	-3	4,694.765	3,567.125	-1.55	-2.35
5225,927	3011,798		14281F76a	EGWO	38	5225,927	3210,15		33	F	F76a	14281F76a	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
5743,602	4300,657		14281F76a	STWO	16	5743,602	3806,312		123	F	F76a	14281F76a	STWO	9	10	1	7	6,277.225	4,412.051	0.55	5.45
4651,62	2823,507		14303F86a	EGWO	40	4651,62	2777,611		18	F	F86a	14303F86a	EGWO	38	39	1	2	4,694.765	2,722.199	0.55	1.55
4791,667			14303F86a	STWO	23	4791,667			1	F	F86a	14303F86a	STWO	19	20	1	4	4,694.765		0.55	5.45
8237,027	4820,141		14311K90c	EGWO	49	8237,027	3879,577		7	K	K90c	14311K90c	EGWO	48	48	0	1	7,859.686	4,834.514	0.55	1.55
9760,417	4494,208		14338A02c	EGWO	49	9760,417	4940,666		2	A	A02c	14338A02c	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
7303,467	4469,332		14338A02c	STWO	40	7303,467	4659,443		57	A	A02c	14338A02c	STWO	44	39	-5	-4	7,859.686	4,412.051	-5.75	-2.35
7099,388	4289,041		14362E18b	STWO	49	7099,388	3411,205		113	E	E18b	14362E18b	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
4433,164	3402,967		14486K45b	STWO	46	4433,164	2617,477		7	K	K45b	14486K45b	STWO	36	34	-2	10	4,694.765	3,567.125	-1.55	9.35
5203,053	3624,642		14494K91b	STWO	32	5203,053	3517,875		111	K	K91b	14494K91b	STWO	32	27	-5	0	4,694.765	3,567.125	-5.75	1.55
4777,605	3765,677		14508N61b	STWO	35	4777,605	3079,745		10	N	N61b	14508N61b	STWO	24	20	-4	11	4,694.765	3,567.125	-3.65	9.35
5569,111	3466,078		14516N60b	EGWO	39	5569,111	3427,399		20	N	N60b	14516N60b	EGWO	35	38	3	4	6,277.225	3,567.125	2.65	5.45
7362,189	3854,857		14524A06g	EGWO	45	7362,189	4371,404		9	A	A06g	14524A06g	EGWO	48	48	0	-3	7,859.686	3,989.588	0.55	-2.35
7574,744	4571,783		14524A06g	STWO	42	7574,744	4426,524		55	A	A06g	14524A06g	STWO	43	40	-3	-1	7,859.686	4,412.051	-3.65	-2.35
7038,052	4202,435		14559K48f	STWO	49	7038,052	3335,217		120	K	K48f	14559K48f	STWO	44	40	-4	5	6,277.225	4,412.051	-3.65	5.45
6701,896	4179,636		14567K44b	STWO	49	6701,896	3336,233		87	K	K44b	14567K44b	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
6760,05	4220,281		14567K44c	STWO	49	6760,05	3382,819		85	K	K44c	14567K44c	STWO	39	38	-1	10	6,277.225	4,412.051	-1.55	9.35
6371,753	4209,132		14575E38c	STWO	49	6371,753	3263,383		88	E	E38c	14575E38c	STWO	36	34	-2	13	6,277.225	4,412.051	-1.55	13.25
4961,138	2710,42		14583F77f	EGWO	38	4961,138	2482,095		26	F	F77f	14583F77f	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
4303,03	3319,957		14583F77f	STWO	16	4303,03	2320,055		1	F	F77f	14583F77f	STWO	14	14	0	2	4,694.765	3,144.662	0.55	1.55
3778,426	2737,651		14591F81e	EGWO	25	3778,426	2842,222		21	F	F81e	14591F81e	EGWO	27	27	0	-2	3,112.304	2,722.199	0.55	-2.35
5447,29	4039,346		14605N60b	STWO	35	5447,29	3519,851		24	N	N60b	14605N60b	STWO	31	26	-5	4	4,694.765	3,989.588	-5.75	5.45
6289,333	4172,216		14621A01h	STWO	38	6289,333	4012,604		8	A	A01h	14621A01h	STWO	41	36	-5	-3	6,277.225	3,989.588	-5.75	-2.35
4319,148	2788,808		14648N60a	EGWO	38	4319,148	2550,613		3	N	N60a	14648N60a	EGWO	32	34	2	6	4,694.765	2,722.199	2.65	5.45
5795,455	3434,004		14656A00a	EGWO	32	5795,455	4375,184		1	A	A00a	14656A00a	EGWO	43	45	2	-11	6,277.225	3,567.125	2.65	-10.15
6607,737	4174,271		14656A00a	STWO	35	6607,737	3964,726		43	A	A00a	14656A00a	STWO	39	35	-4	-4	6,277.225	3,989.588	-3.65	-2.35
7050,334	4015,714		14664K47e	STWO	49	7050,334	2547,748		18	K	K47e	14664K47e	STWO	49	43	-6	0	6,277.225	3,989.588	-5.75	1.55
7212,554	4715,628		14672A01f	STWO	36	7212,554	5419,744		4	A	A01f	14672A01f	STWO	43	39	-4	-7	7,859.686	4,834.514	-3.65	-6.25
7216,667	4495,945		14680A01b	EGWO	24	7216,667			1	A	A01b	14680A01b	EGWO	38	43	5	-14	7,859.686	4,412.051	4.75	-14.05
7199,612	4641,395		14680A01b	STWO	30	7199,612	5077,229		15	A	A01b	14680A01b	STWO	39	35	-4	-9	7,859.686	4,834.514	-3.65	-10.15
4183,099	3487,301		14710K44f	STWO		4183,099	3065,994		1	K	K44f	14710K44f	STWO					4,694.765	3,567.125		
4741,697	2819,243		14729N60c	EGWO	37	4741,697	2745,608		12	N	N60c	14729N60c	EGWO	38	36	-2	-1	4,694.765	2,722.199	-1.55	-2.35
4691,541	3634,908		14729N60c	STWO	35	4691,541	3043,763		32	N	N60c	14729N60c	STWO	21	21	0	14	4,694.765	3,567.125	0.55	13.25
4819,436	3553,447		14737K90c	STWO	31	4819,436	3267,383		21	K	K90c	14737K90c	STWO	32	26	-6	-1	4,694.765	3,567.125	-5.75	-2.35

7535,433	3573,667	[redacted]	14745M56	EGWO	49	7535,433	3597,898	[redacted]	1	M	M56c	14745M56c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6183,242	4040,71		14745M56	STWO	40	6183,242	3962,387		125	M	M56c	14745M56c	STWO	34	34	0	6	6,277.225	3,989.588	0.55	5.45
6369,185	4259,339		14788E13e	STWO	39	6499.923	3999,153		71	E	E13e	14788E13e	STWO	38	34	-4	1	6,277.225	4,412.051	-3.65	1.55
7279,07	4432,321		14788E13f	STWO	47	7279,07	3871,829		79	E	E13f	14788E13f	STWO	42	39	-3	5	7,859.686	4,412.051	-3.65	5.45
6543,188	3217,577		14818K24a	EGWO	45	6543,188	3600,564		9	K	K24a	14818K24a	EGWO	49	49	0	-4	6,277.225	3,144.662	0.55	-2.35
7261,484	4202,63		14818K24a	STWO	49	7261,484	3032,019		43	K	K24a	14818K24a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6491,249	3081,034		14826K24a	EGWO	46	6491,249	3621,171		4	K	K24a	14826K24a	EGWO	49	49	0	-3	6,277.225	3,144.662	0.55	-2.35
7293,667	4183,304		14826K24a	STWO	49	7293,667	3398,022		166	K	K24a	14826K24a	STWO	45	42	-3	4	7,859.686	3,989.588	-3.65	5.45
4785,907	2848,331		14834F85b	EGWO	42	4785,907	2787,641		40	F	F85b	14834F85b	EGWO	39	40	1	3	4,694.765	2,722.199	0.55	1.55
4219,595	3661,818		14834F85b	STWO	15	4219,595	3594,279		75	F	F85b	14834F85b	STWO	15	13	-2	0	4,694.765	3,567.125	-1.55	1.55
4089,992	3675,59		14834F85c	STWO	9	4089,992	3837,174		77	F	F85c	14834F85c	STWO	11	10	-1	-2	4,694.765	3,567.125	-1.55	-2.35
8361,704			14842B10c	EGWO		8361,704			2	B	B10d	14842B10d	EGWO					7,859.686			
4299,445	2959,77		14850F78b	EGWO	28	4299,445	3079,793		26	F	F78b	14850F78b	EGWO	26	31	5	2	4,694.765	3,144.662	4.75	1.55
4521,678	3848,991		14869F89b	STWO	13	4521,678	4136,918		62	F	F89b	14869F89b	STWO	14	15	1	-1	4,694.765	3,989.588	0.55	-2.35
4459,24	2752,917		14877F76a	EGWO	38	4459,24	2738,795		21	F	F76a	14877F76a	EGWO	34	37	3	4	4,694.765	2,722.199	2.65	5.45
8255,093	4379,594		14885K46b	STWO	49	8255,093	3160,465		56	K	K46b	14885K46b	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
4005,35	3481,508		14907F85b	STWO	19	4005,35	3031,234		55	F	F85b	14907F85b	STWO	14	13	-1	5	4,694.765	3,567.125	-1.55	5.45
4332,212	2834,034		14915F76a	EGWO	37	4332,212	2726,499		7	F	F76a	14915F76a	EGWO	30	35	5	7	4,694.765	2,722.199	4.75	5.45
3865,472	3259,916		14923F86a	STWO	20	3865,472	3098,721		22	F	F86a	14923F86a	STWO	18	16	-2	2	3,112.304	3,144.662	-1.55	1.55
4849,181	3263,112		14931F76a	EGWO	36	4849,181	3481,15		3	F	F76a	14931F76a	EGWO	31	36	5	5	4,694.765	3,144.662	4.75	5.45
4720,82	3479,579		14958K91c	STWO	27	4720,82	3245,056		26	K	K91c	14958K91c	STWO	31	22	-9	-4	4,694.765	3,567.125	-9.95	-2.35
4451,219	2590,753		14982F89c	EGWO	48	4451,219	2320,592		9	F	F89c	14982F89c	EGWO	41	42	1	7	4,694.765	2,722.199	0.55	5.45
5042,952	3617,564		14982F89c	STWO	28	5042,952	3634,906		23	F	F89c	14982F89c	STWO	31	28	-3	-3	4,694.765	3,567.125	-3.65	-2.35
5822,182	2729,904		14990A08c	EGWO	42	5822,182	3568,236		5	A	A08d	14990A08d	EGWO	49	49	0	-7	6,277.225	2,722.199	0.55	-6.25
6974,571	4254,407		14990A08c	STWO	43	6974,571	3992,078		77	A	A08d	14990A08d	STWO	42	40	-2	1	6,277.225	4,412.051	-1.55	1.55
5757,56	3774,373		15016K59a	STWO	34	5757,56	3778,884		27	K	K59a	15016K59a	STWO	38	34	-4	-4	6,277.225	3,567.125	-3.65	-2.35
7155,017	4203,839		15032K25b	STWO	49	7155,017	3606,23		47	K	K25b	15032K25b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
6761,483	4141,463		15032K26b	STWO	49	6761,483	3324,324		43	K	K26b	15032K26b	STWO	44	39	-5	5	6,277.225	3,989.588	-5.75	5.45
6778,418	4203,725		15032K26c	STWO	49	6778,418	3445,553		38	K	K26c	15032K26c	STWO	41	38	-3	8	6,277.225	4,412.051	-3.65	9.35
7566,321	4345,773		15040K25b	STWO	49	7566,321	3488,84		33	K	K25b	15040K25b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
9813,675	3749,335		15059K59a	EGWO	49	9834,482	2704,847		56	K	K59a	15059K59a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
6996,93	4287,715		15075K26b	STWO	49	6996,93	3483,394		42	K	K26b	15075K26b	STWO	43	39	-4	6	6,277.225	4,412.051	-3.65	5.45
7113,079	4306,969		15083K26b	STWO	49	7113,079	3523,41		43	K	K26b	15083K26b	STWO	43	39	-4	6	7,859.686	4,412.051	-3.65	5.45
6950,954	3991,062		15113N62b	EGWO	42	6950,954	3973		31	N	N62b	15113N62b	EGWO	40	42	2	2	6,277.225	3,989.588	2.65	1.55
7299,343	4230,572		15148K48b	STWO	49	7299,343	3485,354		30	K	K48b	15148K48b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6996,329	4273,673		15148K48c	STWO	49	6996,329	3457,231		75	K	K48c	15148K48c	STWO	42	39	-3	7	6,277.225	4,412.051	-3.65	5.45
4462,326	2613,274		15172F77f	EGWO	38	4462,326	2352,739		12	F	F77f	15172F77f	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
7959,217	3772,99		15180A02a	EGWO	49	7959,217	3783,648		25	A	A02a	15180A02a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8014,84	4564,441		15180A02a	STWO	45	8014,84	4378,093		193	A	A02a	15180A02a	STWO	49	44	-5	-4	7,859.686	4,412.051	-5.75	-2.35
7434,435	3450,298		15180A02b	EGWO	49	7434,435	3671,44		15	A	A02b	15180A02b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8095,794	4546,307		15180A02b	STWO	47	8095,794	4321,892		241	A	A02b	15180A02b	STWO	49	44	-5	-2	7,859.686	4,412.051	-5.75	-2.35
8788,292	3802,203		15180A02c	EGWO	49	8788,292	4001,709		38	A	A02c	15180A02c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7890,641	4468,804		15180A02c	STWO	47	7890,641	4170,028		204	A	A02c	15180A02c	STWO	49	44	-5	-2	7,859.686	4,412.051	-5.75	-2.35
8771,374	4223,763		15180A02d	EGWO	49	8771,374	3952,599		4	A	A02d	15180A02d	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
8290,58	4664,154		15180A02d	STWO	47	8290,58	4464,807		32	A	A02d	15180A02d	STWO	49	45	-4	-2	7,859.686	4,834.514	-3.65	-2.35
7827,745	4304,142		15180A03a	STWO	46	7827,745	3482,425		2	A	A03a	15180A03a	STWO	46	42	-4	0	7,859.686	4,412.051	-3.65	1.55
7972,727			15180A03b	EGWO		7972,727	3389,652		1	A	A03b	15180A03b	EGWO					7,859.686			
8438,036	4557,662		15180A03b	STWO	49	8438,036	4097,483		35	A	A03b	15180A03b	STWO	48	47	-1	1	7,859.686	4,412.051	-1.55	1.55
7740,718			15180A03c	EGWO	49	7740,718	3198,242		2	A	A03c	15180A03c	EGWO	49	49	0	0	7,859.686		0.55	1.55
8654,822	4569,995		15180A03c	STWO	49	8654,822	4048,245		33	A	A03c	15180A03c	STWO	49	47	-2	0	9,442.146	4,412.051	-1.55	1.55
8835,318			15180A03d	EGWO	49	8835,318	3496,18		2	A	A03d	15180A03d	EGWO					9,442.146			
7848,361	4647,789		15180A03d	STWO	47	7848,361	4187,627		37	A	A03d	15180A03d	STWO	48	47	-1	-1	7,859.686	4,834.514	-1.55	-2.35
7753,067	3535,352		15180A03e	EGWO		7753,067	3453,969		3	A	A03e	15180A03e	EGWO					7,859.686	3,567.125		
8405,911	4634,434		15180A03e	STWO	47	8405,911	4478,797		36	A	A03e	15180A03e	STWO	47	45	-2	0	7,859.686	4,834.514	-1.55	1.55
8067,998	4194,689		15180A03g	EGWO	49	8067,998	3541,651		6	A	A03g	15180A03g	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7610,765	4512,91		15180A03g	STWO	39	7610,765	4624,162		78	A	A03g	15180A03g	STWO	46	41	-5	-7	7,859.686	4,412.051	-5.75	-6.25
7145,916	3558,457		15199A05b	EGWO	40	7145,916	3768,001		5	A	A05b	15199A05b	EGWO	46	47	1	-6	7,859.686	3,567.125	0.55	-6.25
7458,55	4334,623		15199A05b	STWO	44	7458,55	4112,946		33	A	A05b	15199A05b	STWO	43	42	-1	1	7,859.686	4,412.051	-1.55	1.55
7539,37			15202A02a	EGWO	49	7539,37			1	A	A02a	15202A02a	EGWO	49	49	0	0	7,859.686		0.55	1.55
7797,692	4583,645		15202A02a	STWO	41	7797,692	4726,29		31	A	A02a	15202A02a	STWO	46	41	-5	-5	7,859.686	4,412.051	-5.75	-6.25
7916,129	3719,994		15202A02b	EGWO	49	7916,129	4172,805		1	A	A02b	15202A02b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7429,184	4525,13		15202A02b	STWO	43	7429,184	4649,192		20	A	A02b	15202A02b	STWO	45	40	-5	-2	7,859.686	4,412.051	-5.75	-2.35
5271,318	3610,103		15210K90a	STWO	33	5271,318	3525,142		63	K	K90a	15210K90a	STWO	32	28	-4	1	4,694.765	3,567.125	-3.65	1.55
4191,456	2898,695		15245F77a	EGWO	30	4191,456	2967,308		6	F	F77a	15245F77a	EGWO	27	31	4	3	4,694.765	2,722.199	4.75	1.55
11033,85	3838,492		15253K49a	EGWO	49	11033,85	2596,492		15	K	K49a	15253K49a	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55
11679,42	4305,473		15261K49a	EGWO	49	11679,42	3028,506		20	K	K49a	15261K49a	EGWO		49			11,024.607	4,412.051		
4325,238	2968,784		15288F77a	EGWO	30	4325,238	3046,485		15	F	F77a	15288F77a	EGWO	25	31	6	5	4,694.765	3,144.662	6.85	5.45
5058,915	3882,1		15318F76b	STWO	5	5058,915	4943,038		56	F	F76b	15318F76b	STWO	12	13	1	-7	4,694.765	3,989.588	0.55	-6.25
6475,447	3847,277		15369M56b	STWO	49	6475,447	2689,458		25	M	M56b	15369M56b	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
3323,992	3356,273		15377F82c	STWO	10	3323,992	3379,432		32	F	F82c	15377F82c	STWO	6	5	-1	4	3,112.304	3,567.125	-1.55	5.45
5450,982	4074,403		15385E37c	STWO	34	5450,982	4452,408		172	E	E37c	15385E37c	STWO	26	24	-2	8	4,694.765	3,989.588	-1.55	9.35
6754,808	3947,642		15393M30	STWO	49	6754,808	2988,342		4	M	M30b	15393M30b	STWO	40	42	2	9	6,277.225	3,989.588	2.65	9.35
3827,126	3578,236		15415N69k	STWO	16	3827,126	3190,141		237	N	N69k	15415N69k	STWO	18	17	-1	-2	3,112.304	3,567.125	-1.55	-2.35
4055,013	3311,925		15423N69k	STWO	20	4055,013	3242,28		257	N	N69k	15423N69k	STWO	19	18	-1	1	4,694.765	3,144.662	-1.55	1.55
4067,963	3325,145		15431N69k	STWO	20	4067,963	3275,696		142	N	N69k	15431N69k	STWO	19	18	-1	1	4,694.765	3,144.662	-1.55	1.55
7071,566	4178,412		15466K44b	STWO	49	7071,566	3265,067		121	K	K44b	15466K44b	STWO	42	41	-1	7	7,859.686	3,989.588	-1.55	5.45
5457,304	2750,14		15474K91c	EGWO	49	5457,304	2382,612		27	K	K91c	15474K91c	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
4272,54	2626,221		15482N68e	STWO	38	4272,54	2625,969		16	N	N68e	15482N68e	EGWO	35	37	2	3	4,694.765	2,722.199	2.65	1.55
4141,472	2604,67		15490N68e	EGWO	40	4141,472	2494,813		56	N	N68e	15490N68e	EGWO	36	37	1	4	4,694.765	2,722.199	0.55	5.45
3835,013	3322,461		15490N68e	STWO	11	3835,013	3424,471		232	N	N68e	15490N68e	STWO	9	7	-2	2	3,112.304	3,144.662	-1.55	1.55
4561,445	2646,626		15490N68f	EGWO	46	4561,445	2459,416		18	N	N68f	15490N68f	EGWO	39	42	3	7	4,694.765	2,722.199	2.65	5.45
3481,436	3450,251		15490N68f	STWO	5	3481,436	3650,483		6	N	N68f	15490N68f	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
7276,139	4041,176		15512K47a	STWO	49	7276,139	2719,072		24	K	K47a	15512K47a	STWO	47	44	-3	2	7,859.686	3,989.588	-3.65	1.55
7786,153	4155,92		15512K47g	STWO	49	7786,153	2793,166		88	K	K47g	15512K47g	STWO	47	47	0	2	7,859.686	3,989.588	0.55	1.55
7587,714	4362,485		15512K47j	STWO	49	7587,714	3269,245		102	K	K47j	15512K47j	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
8819,262	4777,91		15520K47b	STWO	49	8819,262	3641,127		9	K	K47b	15520K47b	STWO		45			9,442.146	4,834.514		
6778,152			15539F87b	EGWO		6778,152			16	F	F87b	15539F87b	EGWO					6,277.225			
4109,524	2703,105		15555F81a	EGWO	28	4109,524	3490,77		1	F	F81a	15555F81a	EGWO	28	31	3	0	4,694.765	2,722.199	2.65	1.55
3901,523	3370,951		15555F81c	STWO	13	3901,523	3375,898		52	F	F81c	15555F81c	STWO	16	14	-2	-3	3,112.304	3,567.125	-1.55	-2.35
4752,283	3086,215		15555F81c	EGWO	29	4752,283	3369,646		23	F	F81d	15555F81d	EGWO	32	35	3	-3	4,694.765	3,144.662	2.65	-2.35
3560,748	3178,64		15555F81c	STWO	7	3560,748	2322,75		1	F	F81d	15555F81d	STWO	10	10	0	-3	3,112.304	3,144.662	0.55	-2.35
5054,805	3318,076		15555F81e	EGWO	23	5054,805	3884,081		12	F	F81e	15555F81e	EGWO	30	34	4	-7	4,694.765	3,144.662	4.75	-6.25
4586,169	2731,889		15563F81c	EGWO	39	4586,169	2466,27		24	F	F81c	15563F81c	EGWO	34	40	6	5	4,694.765	2,722.199	6.85	5.45
4379,977	3614,783		15563F81c	STWO	13	4379,977	3815,587		14	F	F81c	15563F81c	STWO	9	17	8	4	4,694.765	3,567.125	8.95	5.45
5470,303	3616,101		15571N63a	EGWO	38	5470,303	3395,302		21	N	N63a	15571N63a	EGWO	31	34	3	7	4,694.765	3,567.125	2.65	5.45
5377,629	3483,029		15598N63a	EGWO	39	5377,629	3265,526		40	N	N63a	15598N63a	EGWO	34	35	1	5	4,694.765	3,567.125	0.55	5.45
4487,792	3609,522		15598N63a	STWO	35	4487,792	2907,736		64	N	N63a	15598N63a	STWO	20	20	0	15	4,694.765	3,567.125	0.55	13.25
3727,052	3696,268		15601F83a	STWO	10	3727,052	3257,292		24	F	F83a	15601F83a	STWO	7	5	-2	3	3,112.304	3,567.125	-1.55	1.55
6945,395	4164,552		15628K54b	STWO	49	6945,395	3339,049		124	K	K54b	15628K54b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
3130,528	3067,947		15636T93g	STWO	5	3130,528	3115,762		144	T	T93g	15636T93g	STWO	6	5	-1	-1	3,112.304	3,144.662	-1.55	-2.35
6392,255	4153,147		15644M30	STWO	38	6392,255	4042,161		112	M	M30a	15644M30a	STWO	34	34	0	4	6,277.225	3,989.588	0.55	5.45
6859,362	3134,161		15652E37c	EGWO	49	6859,362	2540,635		40	E	E37c	15652E37c	EGWO		49			6,277.225	3,144.662		
5352,112	3916,904		15652E37c	STWO	34	5352,112	3701,858		66	E	E37c	15652E37c	STWO	29	26	-3	5	4,694.765	3,989.588	-3.65	5.45

2908,029	3065,713	[redacted]	15709T93g	STWO	5	2908,029	3079,471	[redacted]	284	T	T93g	15709T93g	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55		
6484,513	3054,908		15717M56	EGWO	49	6484,513	3258,372		12	M	M56a	15717M56a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55		
6495,418	3955,046		15717M56	STWO	49	6495,418	2835,251		123	M	M56a	15717M56a	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35		
6399,331	3046,544		15717M56	EGWO	49	6399,331	3240,55		11	M	M56b	15717M56b	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55		
6394,929	3885,191		15717M56	STWO	49	6394,929	2679,2		77	M	M56b	15717M56b	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35		
11421,25	3848,346		15725K49f	EGWO	49	11421,25	2656,83		26	K	K49f	15725K49f	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55		
7349,111	4051,668		15725K49f	STWO	49	7349,111	2615,651		30	K	K49f	15725K49f	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55		
6190,21	3917,636		15741K53t	STWO	49	6190,21	3042,869		65	K	K53b	15741K53b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35		
5477,613	2804,803		15776K91c	EGWO	49	5477,613	2455,371		27	K	K91c	15776K91c	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55		
7970,779	4305,382		15806K47f	STWO	49	7970,779	3180,286		71	K	K47f	15806K47f	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55		
6444,173	4193,184		15814E38c	STWO	49	6444,173	3279,79		33	E	E38d	15814E38d	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25		
5179,542	3968,256		15857F87c	STWO	27	5179,542	4206,958		64	F	F87c	15857F87c	STWO	27	25	-2	0	4,694.765	3,989.588	-1.55	1.55		
8061,262	4228,581		15865K47c	STWO	49	8061,262	2731,025		29	K	K47a	15865K47a	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55		
10209,18			15865K47t	EGWO	49	10209,18	3145,208		3	K	K47b	15865K47b	EGWO					9,442.146					
7970,824	4318,516		15865K47t	STWO	49	7970,824	3123,98		9	K	K47b	15865K47b	STWO		46			7,859.686	4,412.051				
6403,033	3988,481		15873K44t	STWO	49	6403,033	3066,541		15	K	K44b	15873K44b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35		
6919,235	4280,756		15873K44c	STWO	49	6919,235	3437,142		33	K	K44c	15873K44c	STWO	40	38	-2	9	6,277.225	4,412.051	-1.55	9.35		
5984,025	3850,613		15873K44c	STWO	49	5984,025	2956,092		19	K	K44d	15873K44d	STWO	40	35	-5	9	6,277.225	3,989.588	-5.75	9.35		
7265,602	4391,419		15873K44e	STWO	49	7265,602	3545,986		15	K	K44e	15873K44e	STWO	41	40	-1	8	7,859.686	4,412.051	-1.55	9.35		
6986,126	4251,514		15881K44e	STWO	49	6986,126	3480,294		41	K	K44e	15881K44e	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35		
5490,682	3663,765		15903E38c	STWO	41	5490,682	3255,468		112	E	E38c	15903E38c	STWO	36	33	-3	5	6,277.225	3,567.125	-3.65	5.45		
6119,603	4043,154		15903E38c	STWO	49	6119,603	3088,037		293	E	E38d	15903E38d	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25		
5560,915	3854,82		15903E39a	STWO	36	5560,915	3550,238		80	E	E39a	15903E39a	STWO	24	22	-2	12	6,277.225	3,989.588	-1.55	13.25		
6047,05	4048,243		15903E41t	STWO	48	6047,05	3119,363		148	E	E41b	15903E41b	STWO	36	33	-3	12	6,277.225	3,989.588	-3.65	13.25		
6013,549	4031,854		15903E41c	STWO	48	6013,549	3106,302		171	E	E41c	15903E41c	STWO	37	33	-4	11	6,277.225	3,989.588	-3.65	9.35		
5813,835	4187,337		15903E42a	STWO	38	5813,835	4490,955		124	E	E42a	15903E42a	STWO	32	30	-2	6	6,277.225	3,989.588	-1.55	5.45		
6080,639	4037,216		15903E42b	STWO	45	6080,639	3317,923		196	E	E42b	15903E42b	STWO	35	33	-2	10	6,277.225	3,989.588	-1.55	9.35		
6373,849	4126,438		15903E42c	STWO	47	6373,849	3386,964		124	E	E42c	15903E42c	STWO	36	35	-1	11	6,277.225	3,989.588	-1.55	9.35		
6419,257	4136,556		15903E42c	STWO	47	6419,257	3390,467		110	E	E42d	15903E42d	STWO	37	35	-2	10	6,277.225	3,989.588	-1.55	9.35		
6507,622	2835,21		15903E43a	EGWO	49	6507,622	2403,957		18	E	E43a	15903E43a	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55		
6344,746	4016,063		15903E43a	STWO	49	6344,746	3002,759		127	E	E43a	15903E43a	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35		
6803,721	3013,126		15903E43t	EGWO	49	6803,721	2545,338		6	E	E43b	15903E43b	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55		
6758,988	4111,703		15903E43t	STWO	49	6758,988	3200,947		137	E	E43b	15903E43b	STWO	39	39	0	10	6,277.225	3,989.588	0.55	9.35		
3411,659	2442,396		15954F83a	EGWO	29	3411,659	2403,236		39	F	F83a	15954F83a	EGWO	26	28	2	3	3,112.304	2,299.736	2.65	1.55		
3089,664	3079,553		15962T93g	STWO	5	3089,664	3147,711		145	T	T93g	15962T93g	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55		
5441,174	3072,882		15989A09i	EGWO	42	5744,517	4338,836		4	A	A09i	15989A09i	EGWO		46			4,694.765	3,144.662				
6635,587	4233,403		15989A09i	STWO	36	6667,317	4259,004		322	A	A09i	15989A09i	STWO	39	36	-3	-3	6,277.225	4,412.051	-3.65	-2.35		
4542,791	3243,829		15997N62a	EGWO	30	4542,791	3183,49		12	N	N62a	15997N62a	EGWO	29	30	1	1	4,694.765	3,144.662	0.55	1.55		
4629,267	3227,086		16047N62a	EGWO	32	4629,267	3129,535		44	N	N62a	16047N62a	EGWO	30	30	0	2	4,694.765	3,144.662	0.55	1.55		
4971,322	3175,603		16071N60t	EGWO	42	4971,322	3075,085		4	N	N60b	16071N60b	EGWO	38	41	3	4	4,694.765	3,144.662	2.65	5.45		
5025	4083,105		16071N60t	STWO	38	5025	3449,995		1	N	N60b	16071N60b	STWO	28	27	-1	10	4,694.765	3,989.588	-1.55	9.35		
7805,023	4478,584		16098A08a	STWO	37	7805,023	4971,597		43	A	A08a	16098A08a	STWO	43	42	-1	-6	7,859.686	4,412.051	-1.55	-6.25		
3757,234	3606,609		16101N69i	STWO	5	3757,234	3987,793		64	N	N69i	16101N69i	STWO	7	7	0	-2	3,112.304	3,567.125	0.55	-2.35		
6529,706			16128A04f	STWO	47	6529,706			9	A	A04f	16128A04f	STWO	43	41	-2	4	6,277.225		-1.55	5.45		
7335,673	4471,825		16152A05f	STWO	31	7335,673	4899,898		123	A	A05f	16152A05f	STWO	40	37	-3	-9	7,859.686	4,412.051	-3.65	-10.15		
7272,379	4346,41		16152E13a	STWO	48	7272,379	3780,72		48	E	E13a	16152E13a	STWO	44	40	-4	4	7,859.686	4,412.051	-3.65	5.45		
7190,59	4403,591		16152E13b	STWO	31	7229,826	3811,091		25	E	E13b	16152E13b	STWO	39	35	-4	-8	7,859.686	4,412.051	-3.65	-6.25		
6584,279	3993,957		16152E13c	STWO	44	6584,279	3410,249		55	E	E13c	16152E13c	STWO	42	39	-3	2	6,277.225	3,989.588	-3.65	1.55		
8300,309	4322,322		16160A05f	STWO	31	8300,309	5125,694		20	A	A05f	16160A05f	STWO	40	37	-3	-9	7,859.686	4,412.051	-3.65	-10.15		
5664,24	4023,674		16179E13c	STWO	35	5664,24	4442,813		75	E	E13d	16179E13d	STWO	33	28	-5	2	6,277.225	3,989.588	-5.75	1.55		
6849,622	4372,544		16179E13e	STWO	41	6849,622	4004,878		113	E	E13e	16179E13e	STWO	40	36	-4	1	6,277.225	4,412.051	-3.65	1.55		
7858,447	4380,759		16217A08t	STWO	38	7858,447	4900,615		10	A	A08b	16217A08b	STWO	46	43	-3	-8	7,859.686	4,412.051	-3.65	-6.25		
6225,25	4205,628		16233E42a	STWO	43	6225,25	3557,575		152	E	E42a	16233E42a	STWO	35	32	-3	8	6,277.225	4,412.051	-3.65	9.35		
6751,427	4280,48		16233E42c	STWO	47	6751,427	3576,699		183	E	E42b	16233E42b	STWO	38	36	-2	9	6,277.225	4,412.051	-1.55	9.35		
7847,644	4489,594		16241E16t	STWO	49	7847,644	3953,128		149	E	E16b	16241E16b	STWO	44	43	-1	5	7,859.686	4,412.051	-1.55	5.45		
7169,512	4152,824		16241E17a	STWO	49	7272,112	3131,781		21	E	E17a	16241E17a	STWO	46	43	-3	3	7,859.686	3,989.588	-3.65	1.55		
7006,609	4282,243		16268E16t	STWO	49	7006,609	3379,306		53	E	E16b	16268E16b	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35		
5245,455	2552,042		16276M55	EGWO		5245,455	2398,798		1	M	M55e	16276M55e	EGWO					4,694.765	2,722.199				
7894,179	3386,413		16276M55	EGWO	49	7894,179	3483,103		20	M	M55h	16276M55h	EGWO		49			7,859.686	3,567.125				
5270,922	3563,497		16276M55	STWO	41	5270,922	2438,497		3	M	M55h	16276M55h	STWO	31	31	0	10	4,694.765	3,567.125	0.55	9.35		
4190,896	3759,122		16284F76t	STWO	6	4190,896	4044,286		24	F	F76b	16284F76b	STWO	7	10	3	-1	4,694.765	3,567.125	2.65	-2.35		
8428,571	3921,869		16306A07f	EGWO	49	8428,571	4306,897		1	A	A07h	16306A07h	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55		
8223,855	4603,647		16306A07f	STWO	49	8223,855	4217,502		79	A	A07h	16306A07h	STWO	47	44	-3	2	7,859.686	4,412.051	-3.65	1.55		
8181,601	4021,718		16314A02c	EGWO	49	8181,601	4072,779		2	A	A02c	16314A02c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55		
7903,572	4613,939		16314A02c	STWO	45	7903,572	4338,96		26	A	A02c	16314A02c	STWO	46	41	-5	-1	7,859.686	4,412.051	-5.75	-2.35		
7692,017	4576,819		16314A02c	STWO	42	7692,017	4667,266		23	A	A02d	16314A02d	STWO	45	40	-5	-3	7,859.686	4,412.051	-5.75	-2.35		
7011,208			16330M57	EGWO	49	7011,208			9	M	M57a	16330M57a	EGWO	44	47	3	5	6,277.225		2.65	5.45		
7015,133	4192,643		16373K52c	STWO	49	7015,133	3312,789		101	K	K52d	16373K52d	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45		
7132,979	2962,896		16373K54c	EGWO	49	7132,979	2388,742		1	K	K54c	16373K54c	EGWO		49			7,859.686	3,144.662				
6812,425	4152,427		16373K54c	STWO	49	6812,425	3295,812		156	K	K54c	16373K54c	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35		
6141,009	4158,318		16411M28	STWO	36	6141,009	4337,34		43	M	M28d	16411M28d	STWO	35	32	-3	1	6,277.225	3,989.588	-3.65	1.55		
6216,524	4109,777		16438M28	STWO	36	6216,524	4380,223		54	M	M28d	16438M28d	STWO	36	32	-4	0	6,277.225	3,989.588	-3.65	1.55		
4200,659	3635,21		16454N68c	STWO	16	4200,659	3487,79		264	N	N68c	16454N68c	STWO	13	14	1	3	4,694.765	3,567.125	0.55	1.55		
3967,443			16454N68c	STWO	18	3967,443	3090,255		47	N	N68d	16454N68d	STWO	8	13	5	10	4,694.765		4.75	9.35		
4303,756	3445,583		16454N69j	STWO	19	4303,756	3457,024		27	N	N69j	16454N69j	STWO	23	20	-3	-4	4,694.765	3,567.125	-3.65	-2.35		
4533,451	2533,659		16454N70t	EGWO	49	4533,451	2247,141		14	N	N70b	16454N70b	EGWO	43	44	1	6	4,694.765	2,722.199	0.55	5.45		
5121,21	3964,882		16454N70t	STWO	25	5121,21	3773,7		212	N	N70b	16454N70b	STWO	19	24	5	6	4,694.765	3,989.588	4.75	5.45		
6073,349	3752,634		16462K48e	STWO		6073,349	2583,589		3	K	K48e	16462K48e	STWO					6,277.225	3,567.125				
5336,28	3701,166		16470N63a	EGWO	35	5336,28	3441,918		8	N	N63a	16470N63a	EGWO	29	31	2	6	4,694.765	3,567.125	2.65	5.45		
6846,042	4205,217		16489K53a	STWO	48	6846,042	3570,315		209	K	K53a	16489K53a	STWO	41	39	-2	7	6,277.225	4,412.051	-1.55	5.45		
6762,507	3961,723		16500N62b	EGWO	42	6762,507	3894,854		40	N	N62b	16500N62b	EGWO	39	41	2	3	6,277.225	3,989.588	2.65	1.55		
3624,903	3478,687		16535N68b	STWO	13	3624,903	3147,026		120	N	N68b	16535N68b	STWO	16	11	-5	-3	3,112.304	3,567.125	-5.75	-2.35		
5826,109	2885,506		16578K90c	EGWO	49	5826,109	2441,32		25	K	K90c	16578K90c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55		
4040,357	2711,435		16594F83a	EGWO	31	4040,357	2781,656		35	F	F83a	16594F83a	EGWO	30	33	3	1	4,694.765	2,722.199	2.65	1.55		
6942,171	4817,13		16608M55	STWO	42	6942,171	4032,107		44	M	M55h	16608M55h	STWO	31	31	0	11	6,277.225	4,834.514	0.55	9.35		
6858,207	4214,077		16616M30	STWO	49	6858,207	3481,561		39	M	M30b	16616M30b	STWO	41	38	-3	8	6,277.225	4,412.051	-3.65	9.35		
4153,227	2477,353		16624F83a	EGWO	36	4153,227	2487,878		8	F	F83a	16624F83a	EGWO	34	37	3	2	4,694.765	2,299.736	2.65	1.55		
5961,836	4016,656		16632M31	STWO	36	5961,836	4412,247		139	M	M31b	16632M31b	STWO	32	30	-2	4	6,277.225	3,989.588	-1.55	5.45		
5176,407	3865,994		16632M31	STWO	28	5176,407	4258,465		188	M	M31c	16632M31c	STWO	27	24	-3	1	4,694.765	3,989.588	-3.65	1.55		
5624,781	3917,704		16632M32	STWO	31	5624,781	4603,872		35	M	M32a	16632M32a	STWO	30	27	-3	1	6,277.225	3,989.588	-3.65	1.55		
5220,247	2588,172		16632M32	EGWO		5410,959	2332,018		1	M	M32b	16632M32b	EGWO					4,694.765	2,722.199				
5764,446	3942,775		16632M32	STWO	35	5764,446	4267,715		94	M	M32b	16632M32b	STWO	33	31	-2	2	6,277.225	3,989.588	-1.55	1.55		
4421,403	3836,064		16675F85c	STWO	9	4421,403	4187,314		36	F	F85c	16675F85c	STWO	15	13	-2	-6	4,694.765	3,989.588	-1.55	-6.25		
5423,889	3628,696		16691E36t	STWO		5423,889	2506,781		2	E	E36b	16691E36b	STWO					4,694.765	3,567.125				
3441,675	2603,191		16756F81e	EGWO	25	3441,675	2319,452		31	F	F81e	16756F81e	EGWO	23	25	2	2	3,112.304	2,722.199	2.65	1.55		
3754,349	3293,956		16764N69m	STWO	13	3754,349	3256,994		15	N	N69m	16764N69m	STWO	11	12	1	2	3,112.304	3,144.662	0.55	1.55		
4263,193			16772F81e	EGWO	28	4263,193	2894,162		8	F	F81e	16772F81e	EGWO	28	30	2	0	4,694.765		2.65	1.55		
4598,997	2639,477		16780N69m	EGWO	41	4598,997	2332,441		12	N	N69m	16780N69m	EGWO	31	35	4	10	4,694.765	2,722.199	4.75	9.35		
7468,737	4314,07		16799E21a	STWO	49	7468,737	3263,544		197	E	E21a	16799E21a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45		
7588,477	4418,35		16802E21a	STWO	49	7588,477	3400,464		40	E	E21a	16802E21a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45		
9807,407	3534,95		16810K47e	EGWO	49	9807,407	2382,061		20	K	K47e	16810K47e	EGWO		49			9,442.146	3,567.125				
7659,518	4263,271		16810K47e	STWO	49	7659,518	2572,486		24	K	K47e	16810K47e	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55		
3903,232	2482,83		16829F82c	EGWO	41	3903,232	2283,12		17	F	F82d	16829F82d	EGWO	34	36	2	7	3,112.304	2,299.736	2.65	5.45		

3400	2836,193	[redacted]	16829F82c	STWO	18	3400	2741,19	[redacted]	5	F	F82d	16829F82d	STWO	17	16	-1	1	3,112.304	2,722.199	-1.55	1.55
3995,295	2868,648		16853F78t	EGWO	27	3995,295	2967,711		21	F	F78b	16853F78b	EGWO	24	28	4	8	4,694.765	2,722.199	4.75	1.55
4115,136	2897,405		16942F78c	EGWO	27	4115,136	2983,2		31	F	F78d	16942F78d	EGWO	25	29	4	2	4,694.765	2,722.199	4.75	1.55
7607,64	4428,039		16950E14t	STWO	47	7607,64	3695,316		39	E	E14b	16950E14b	STWO	43	42	-1	4	7,859.686	4,412.051	-1.55	5.45
7367,354	4295,158		16950E16a	STWO	49	7367,354	3414,792		51	E	E16a	16950E16a	STWO	43	42	-1	6	7,859.686	4,412.051	-1.55	5.45
5095,628	3236,684		16985N66c	EGWO	35	5095,628	3285,759		54	N	N66d	16985N66d	EGWO	34	36	2	1	4,694.765	3,144.662	2.65	1.55
7012,077	3329,647		17019K44c	EGWO	49	7012,077	3533,491		16	K	K44a	17019K44a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6128,675	3878,479		17019K44a	STWO	39	6128,675	3798,934		14	K	K44a	17019K44a	STWO	36	35	-1	3	6,277.225	3,989.588	-1.55	1.55
7188,018			17019K44e	STWO	49	7188,018			5	K	K44e	17019K44e	STWO	42	40	-2	7	7,859.686		-1.55	5.45
7415,062	3418,857		17027K44a	EGWO	49	7415,062	3410,916		37	K	K44a	17027K44a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7413,447			17027K44a	STWO	44	7413,447			22	K	K44a	17027K44a	STWO	41	39	-2	3	7,859.686		-1.55	1.55
6198,656	3374,574		17027K44e	EGWO	49	6198,656	3407,982		6	K	K44e	17027K44e	EGWO	48	49	1	1	6,277.225	3,567.125	0.55	1.55
6734,649	4359,768		17027K44c	STWO	49	6734,649	3474,831		42	K	K44e	17027K44e	STWO	42	40	-2	7	6,277.225	4,412.051	-1.55	5.45
4471,685	2868,013		17035F76a	EGWO	37	4471,685	2803,729		21	F	F76a	17035F76a	EGWO	30	36	6	7	4,694.765	2,722.199	6.85	5.45
8014,83	4197,049		17043K47c	STWO	49	8014,83	2538,888		4	K	K47e	17043K47e	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
8709,972	4539,139		17043K47f	STWO	49	8709,972	3384,874		25	K	K47f	17043K47f	STWO	48	46	-2	1	9,442.146	4,412.051	-1.55	1.55
9408,184			17051K47c	EGWO	49	9408,184	2895,314		3	K	K47c	17051K47c	EGWO		49			9,442.146			
8433,799	3989,184		17051K47c	STWO		8433,799	2422,827		42	K	K47c	17051K47c	STWO					7,859.686	3,989.588		
10195,24			17051K47c	EGWO	49	10195,24	3266,809		4	K	K47d	17051K47d	EGWO					9,442.146			
8496,745	4218,986		17051K47c	STWO		8496,745	2822,826		30	K	K47d	17051K47d	STWO					7,859.686	4,412.051		
8956,809			17051K47e	EGWO	49	8956,809	2330,109		2	K	K47e	17051K47e	EGWO					9,442.146			
7854,917	4387,499		17051K47e	STWO	49	7854,917	2833,14		7	K	K47e	17051K47e	STWO	44	47	3	5	7,859.686	4,412.051	2.65	5.45
11705,93	4314,382		17051K47f	EGWO	49	11705,93	2874,099		6	K	K47f	17051K47f	EGWO	49	49	0	0	11,024.607	4,412.051	0.55	1.55
7803,48	4352,63		17051K47f	STWO	49	7803,48	2732,138		25	K	K47f	17051K47f	STWO	48	46	-2	1	7,859.686	4,412.051	-1.55	1.55
5604,644	4019,254		17086E39c	STWO	34	5604,644	3667,952		50	E	E39c	17086E39c	STWO	29	29	0	5	6,277.225	3,989.588	0.55	5.45
7640,315	4395,858		17094E19a	STWO	49	7654,682	3805,003		126	E	E19a	17094E19a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
6732,861	4341,59		17094E19b	STWO	31	6732,861	4668,292		146	E	E19b	17094E19b	STWO	35	35	0	-4	6,277.225	4,412.051	0.55	-2.35
7499,426	4405,119		17094E19c	STWO	49	7499,426	3796,75		184	E	E19c	17094E19c	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6709,677	3248,114		17094E20a	EGWO	46	6709,677	3590,565		1	E	E20a	17094E20a	EGWO		49			6,277.225	3,144.662		
7929,417	4312,924		17094E20a	STWO	49	7929,417	3188,843		114	E	E20a	17094E20a	STWO	48	46	-2	1	7,859.686	4,412.051	-1.55	1.55
7276,862	4377,296		17094E20c	STWO	49	7276,862	3828,927		51	E	E20c	17094E20c	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7791,891	4412,08		17094E21a	STWO	49	7791,891	3501,208		189	E	E21a	17094E21a	STWO	44	43	-1	5	7,859.686	4,412.051	-1.55	5.45
7843,219	4471,464		17108E19a	STWO	49	7850,318	3734,427		294	E	E19a	17108E19a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
6613,846	4223,025		17108E19b	STWO	41	6621,083	3752,432		225	E	E19b	17108E19b	STWO	36	36	0	5	6,277.225	4,412.051	0.55	5.45
7225,019	4301,296		17108E19c	STWO	47	7225,019	3810,76		91	E	E19c	17108E19c	STWO	41	40	-1	6	7,859.686	4,412.051	-1.55	5.45
6576,501	4033,476		17124E75a	STWO	49	6576,501	3364,914		60	E	E75a	17124E75a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
4157,949	3714,387		17159F77c	STWO	9	4157,949	4085,181		40	F	F77c	17159F77c	STWO	8	11	3	1	4,694.765	3,567.125	2.65	1.55
4844,324	2698,084		17175F89t	EGWO	37	4882,329	2550,264		57	F	F89b	17175F89b	EGWO	36	40	4	1	4,694.765	2,722.199	4.75	1.55
4768,399	4094,147		17175F89t	STWO	20	4768,399	3799,79		641	F	F89b	17175F89b	STWO	15	14	-1	5	4,694.765	3,989.588	-1.55	5.45
6622,157	4239,247		17183E41t	STWO	49	6622,157	3317,767		93	E	E41b	17183E41b	STWO	38	36	-2	11	6,277.225	4,412.051	-1.55	9.35
4484,518	3728,116		17191E39a	STWO	27	4484,518	3846,904		104	E	E39a	17191E39a	STWO	20	17	-3	7	4,694.765	3,567.125	-3.65	5.45
6377,724	4388,88		17205M55	STWO	37	6377,724	4006,868		212	M	M55b	17205M55b	STWO	27	28	1	10	6,277.225	4,412.051	0.55	9.35
5818,794	3753,779		17205M55	STWO	49	5818,794	2732,483		20	M	M55d	17205M55d	STWO	39	35	-4	10	6,277.225	3,567.125	-3.65	9.35
7960	4656,7		17221M27	STWO	49	7960	3681,61		151	M	M27b	17221M27b	STWO	43	40	-3	6	7,859.686	4,834.514	-3.65	5.45
4828,084	2735,296		17264F78c	EGWO	44	4828,084	2724,514		6	F	F78c	17264F78c	EGWO	40	43	3	4	4,694.765	2,722.199	2.65	5.45
4997,47	3980,464		17329F76t	STWO	8	4997,47	4593,607		44	F	F76b	17329F76b	STWO	17	18	1	-9	4,694.765	3,989.588	0.55	-10.15
4227,321	2933,384		17337F77c	EGWO	27	4227,321	3056,219		42	F	F77c	17337F77c	EGWO	27	30	3	0	4,694.765	2,722.199	2.65	1.55
4008,339			17337F77c	STWO	19	4008,339	3093,328		43	F	F77c	17337F77c	STWO	11	10	-1	8	4,694.765		-1.55	9.35
6324,019	4010,656		17345E37c	STWO	48	6324,019	3010,68		114	E	E37d	17345E37d	STWO	39	37	-2	9	6,277.225	3,989.588	-1.55	9.35
6347,478	4116,52		17353E40c	STWO	49	6347,478	3062,941		48	E	E40c	17353E40c	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25
6268,668	4124,146		17353E41a	STWO	49	6268,668	3141,702		28	E	E41a	17353E41a	STWO	37	34	-3	12	6,277.225	3,989.588	-3.65	13.25
6027,187	4039,6		17353E41t	STWO	49	6027,187	3087,422		73	E	E41b	17353E41b	STWO	35	33	-2	14	6,277.225	3,989.588	-1.55	13.25
6379,584	4152,697		17353E41c	STWO	46	6379,584	3307,502		20	E	E41c	17353E41c	STWO	34	31	-3	12	6,277.225	3,989.588	-3.65	13.25
6266,283	4108,959		17353E42a	STWO	46	6266,283	3371,23		116	E	E42a	17353E42a	STWO	36	34	-2	10	6,277.225	3,989.588	-1.55	9.35
6604,118	4148,049		17353E42c	STWO	49	6604,118	3334,93		40	E	E42c	17353E42c	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6226,667	3915,608		17353E75a	STWO	49	6226,667	3015,346		3	E	E75a	17353E75a	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
6058,645	4042,719		17353E75t	STWO	45	6058,645	3346,814		51	E	E75b	17353E75b	STWO	36	33	-3	9	6,277.225	3,989.588	-3.65	9.35
5152,22	3655,367		17353F86a	STWO	28	5152,22	3452,975		118	F	F86a	17353F86a	STWO	19	20	1	9	4,694.765	3,567.125	0.55	9.35
7028,69	3327,374		17396E18a	EGWO	49	7189,807	3099,811		5	E	E18a	17396E18a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7662,874	4393,914		17396E18a	STWO	49	7662,874	3748,097		48	E	E18a	17396E18a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7794,163	3926,807		17396E18t	EGWO	49	8048,736	3659,162		8	E	E18b	17396E18b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7277,736	4391,672		17396E18t	STWO	49	7277,736	3586,62		59	E	E18b	17396E18b	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
6864,041	4274,632		17418E37c	STWO	49	6864,041	3471,169		112	E	E37d	17418E37d	STWO	40	38	-2	9	6,277.225	4,412.051	-1.55	9.35
3876,399	2466,134		17426F76a	EGWO	36	3875,399	2311,581		9	F	F76a	17426F76a	EGWO	29	36	7	7	3,112.304	2,299.736	6.85	5.45
4234,789	2895,545		17434F78t	EGWO	31	4234,789	2942,415		21	F	F78b	17434F78b	EGWO	27	32	5	4	4,694.765	2,722.199	4.75	5.45
3659,663	3417,071		17434F78t	STWO	31	3659,663	2807,26		5	F	F78b	17434F78b	STWO	20	19	-1	11	3,112.304	3,567.125	-1.55	9.35
6845,37	4257,408		17442K26a	STWO	49	6845,37	3472,372		142	K	K26a	17442K26a	STWO	39	38	-1	10	6,277.225	4,412.051	-1.55	9.35
3730,578	2568,649		17450F81e	EGWO	28	3730,578	2543,506		11	F	F81e	17450F81e	EGWO	30	31	1	-2	3,112.304	2,722.199	0.55	-2.35
9056,28			17469K47t	EGWO	49	9056,28	3065,252		12	K	K47b	17469K47b	EGWO					9,442.146			
8089,119	4269,415		17469K47t	STWO	49	8089,119	2836,796		94	K	K47b	17469K47b	STWO		46			7,859.686	4,412.051		
6500,108	4133,46		17477E41t	STWO	49	6500,108	3187,534		25	E	E41b	17477E41b	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
4620,896	2987,082		17485F86a	EGWO	39	4620,896	2542,601		8	F	F86a	17485F86a	EGWO	38	36	-2	1	4,694.765	3,144.662	-1.55	1.55
3754,966	3544,135		17485F86a	STWO	18	3754,966	3832,525		90	F	F86a	17485F86a	STWO	14	15	1	4	3,112.304	3,567.125	0.55	5.45
3915,719	2493,852		17493F82c	EGWO	42	3915,719	2278,043		22	F	F82d	17493F82d	EGWO	34	36	2	8	4,694.765	2,299.736	2.65	9.35
4037,264	3293,517		17493F82c	STWO	23	4037,264	2419,54		12	F	F82d	17493F82d	STWO	16	18	2	7	4,694.765	3,144.662	2.65	5.45
7208,562	4443,303		17507E18t	STWO	49	7208,562	3628,977		14	E	E18b	17507E18b	STWO	41	38	-3	8	7,859.686	4,412.051	-3.65	9.35
6410,871	4080,701		17507E19t	STWO	41	6410,871	3250,663		40	E	E19b	17507E19b	STWO	36	36	0	5	6,277.225	3,989.588	0.55	5.45
6632,659	4253,262		17507E19c	STWO	44	6632,659	3659,348		63	E	E19c	17507E19c	STWO	37	34	-3	7	6,277.225	4,412.051	-3.65	5.45
7681,38	4567,083		17507E20c	STWO	49	7681,38	3600,41		88	E	E20c	17507E20c	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
7726,562	4496,572		17507E21a	STWO	49	7726,562	3483,6		96	E	E21a	17507E21a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
2409,032	3529,847		17523F89t	STWO	18	2409,032	3506,988		90	F	F89b	17523F89b	STWO	21	15	-6	-3	3,112.304	3,567.125	-5.75	-2.35
4484,839	4255,888		17531F83t	STWO	16	4484,839	3750,708		33	F	F83b	17531F83b	STWO	7	5	-2	9	4,694.765	4,412.051	-1.55	9.35
4273,322	2830,166		17558N66c	EGWO	34	4273,322	2815,162		25	N	N66d	17558N66d	EGWO	34	34	0	0	4,694.765	2,722.199	0.55	1.55
4352,941	3349,295		17566F86t	STWO	33	4352,941	3027,998		1	F	F86b	17566F86b	STWO		23			4,694.765	3,144.662		
3887,293	2409,535		17574F82c	EGWO	43	3887,293	2208,503		22	F	F82d	17574F82d	EGWO	35	39	4	8	3,112.304	2,299.736	4.75	9.35
4004,15	3202,926		17574F82c	STWO	23	4004,15	2919,442		23	F	F82d	17574F82d	STWO	22	20	-2	1	4,694.765	3,144.662	-1.55	1.55
4170,822	2901,967		17582F78t	EGWO	30	4170,822	2942,066		27	F	F78b	17582F78b	EGWO	26	30	4	4	4,694.765	2,722.199	4.75	5.45
3641,884	3248,929		17582F78t	STWO	31	3641,884	2146,5		5	F	F78b	17582F78b	STWO	20	19	-1	11	3,112.304	3,144.662	-1.55	9.35
4413,114	3576,181		17612F86a	STWO	22	4413,114	3496,865		110	F	F86a	17612F86a	STWO	20	20	0	2	4,694.765	3,567.125	0.55	1.55
4910,605	3634,547		17612F86t	STWO	31	4910,605	3386,61		169	F	F86b	17612F86b	STWO	28	26	-2	3	4,694.765	3,567.125	-1.55	1.55
5230,734	3744,192		17612F86f	STWO	32	5230,734	3534,518		176	F	F86f	17612F86f	STWO	29	28	-1	3	4,694.765	3,567.125	-1.55	1.55
4029,707	3507,249		17647F78c	STWO	10	4029,707	3652,342		148	F	F78c	17647F78c	STWO	12	13	1	-2	4,694.765	3,567.125	0.55	-2.35
10293,16	3596,638		17655K49c	EGWO	49	10293,16	2435,934		4	K	K49d	17655K49d	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7105,332	4052,338		17655K49c	STWO	49	7105,332	2534,936		73	K	K49d	17655K49d	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
6380,296	3944,821		17663F15c	STWO	33	6380,296	3909,986		82	F	F15d	17663F15d	STWO	39	38	-1	-6	6,277.225	3,989.588	-1.55	-6.25
6353,491	4212,027		17663E37c	STWO	47	6353,491	3329,803		84	E	E37d	17663E37d	STWO	35	33	-2	12	6,277.225	4,412.051	-1.55	13.25
6323,074	4166,345		17663E37e	STWO	49	6323,074	3186,445		16	E	E37e	17663E37e	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
6053,04	4056,579		17663E38c	STWO	46	6053,04	3230,936		43	E	E38d	17663E38d	STWO	35	32	-3	11	6,277.225	3,989.588	-3.65	9.35
6056,892	4518,528		17663E39t	STWO	35	6056,892	3936,818		487	E	E39b	17663E39b	STWO	27	25	-2	8	6,277.225	4,412.051	-1.55	9.35
6507,164	4121,304		17663E40t	STWO	49	6507,164	3034,361		44	E	E40b	17663E40b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
5666,255	3768,026		17663E40c	STWO	49	5666,255	2637,754		7	E	E40c	17663E40c	STWO	37	33	-4	12	6,277.225	3,567.125	-3.65	13.25
6590,003	4166,982		17663E41a	STWO	49	6590,003	3199,369		54	E	E41a	17663E41a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
5732,702	3910,351		17663E41t	STWO	48	5732,702	2965,699		23	E	E41b	17663E41b	STWO	37	32	-5	11	6,277.225	3,989.588	-5.75	9.35

6351,508	4165,366	[redacted]	17663E41c	STWO	49	6351,508	3243,955	[redacted]	17	E	E41c	17663E41c	STWO	37	34	-3	12	6,277.225	3,989.588	-3.65	13.25
11711,13			17671K46a	EGWO	49	11711,13	2354,316		13	K	K46a	17671K46a	EGWO					11,024.607			
7760,861	4347,936		17671K46c	STWO	49	7760,861	2695,815		21	K	K46a	17671K46a	STWO					7,859.686	4,412.051		
4627,686	2699,027		17698F85b	EGWO	45	4627,686	2518,643		17	F	F85b	17698F85b	EGWO	38	41	3	7	4,694.765	2,722.199	2.65	5.45
6682,627	4141,897		17728E75b	STWO	49	6682,627	3363,861		91	E	E75b	17728E75b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
5234,381	4013,548		17736E39c	STWO	23	5234,381	4212,742		67	E	E39d	17736E39d	STWO	30	23	-7	-7	4,694.765	3,989.588	-7.85	-6.25
4203,666	3522,95		17752F82c	STWO	16	4203,666	3525,373		371	F	F82d	17752F82d	STWO	19	16	-3	-3	4,694.765	3,567.125	-3.65	-2.35
5301,211	2808,166		17760F86b	EGWO	49	5301,211	2721,681		18	F	F86b	17760F86b	EGWO	39	47	8	10	4,694.765	2,722.199	8.95	9.35
3474,402	3356,293		17779F86a	STWO	18	3474,402	3033,598		72	F	F86a	17779F86a	STWO	14	15	1	4	3,112.304	3,567.125	0.55	5.45
5903,226	3741,736		17787M58	STWO		5903,226	2404,63		1	M	M58e	17787M58e	STWO					6,277.225	3,567.125		
9475,626	3399,012		17809K47c	EGWO	49	9475,626	2389,536		3	K	K47c	17809K47c	EGWO		49			9,442.146	3,567.125		
8193,414	4273,541		17809K47c	STWO	49	8193,414	2869,013		30	K	K47c	17809K47c	STWO		48			7,859.686	4,412.051		
4392,557	3853,929		17817F78c	STWO	8	4392,557	4343,586		32	F	F78c	17817F78c	STWO	10	12	2	-2	4,694.765	3,989.588	2.65	-2.35
3862,437	3655,235		17825F76a	STWO	6	3862,437	3960,114		72	F	F76a	17825F76a	STWO	6	7	1	0	3,112.304	3,567.125	0.55	1.55
5864,052	3989,748		17841N60a	STWO	39	5864,052	3558,501		8	N	N60a	17841N60a	STWO	27	32	5	12	6,277.225	3,989.588	4.75	13.25
6759,743	4106,388		17868K48f	STWO	49	6759,743	3206,35		112	K	K48f	17868K48f	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
6852,987	4311,118		17876E37c	STWO	49	6852,987	3520,432		113	E	E37d	17876E37d	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
6347,787	3927,123		17892M33	STWO	35	6347,787	4109,634		295	M	M33c	17892M33c	STWO	41	38	-3	-6	6,277.225	3,989.588	-3.65	-6.25
6338,703	3924,143		17906M31	STWO	42	6338,703	3996,941		23	M	M31a	17906M31a	STWO	40	38	-2	2	6,277.225	3,989.588	-1.55	1.55
7173,009			17906M31	STWO	36	7173,009	5665,391		8	M	M31b	17906M31b	STWO	37	34	-3	-1	7,859.686		-3.65	-2.35
6749,035	4334,94		17906M32	STWO	41	6749,035	3737,167		30	M	M32a	17906M32a	STWO	37	36	-1	4	6,277.225	4,412.051	-1.55	5.45
6725,985	4256,498		17914M32	STWO	41	6725,985	3665,679		11	M	M32a	17914M32a	STWO	39	37	-2	2	6,277.225	4,412.051	-1.55	1.55
6962,516	4254,029		17922M31	STWO	47	6962,516	3671,039		259	M	M31a	17922M31a	STWO	39	37	-2	8	6,277.225	4,412.051	-1.55	9.35
6871,931	4240,723		17922M31	STWO	46	6871,931	3560,001		215	M	M31b	17922M31b	STWO	39	37	-2	7	6,277.225	4,412.051	-1.55	5.45
6664,752	4205,209		17922M32	STWO	41	6664,752	3592,921		164	M	M32a	17922M32a	STWO	39	37	-2	2	6,277.225	4,412.051	-1.55	1.55
6989,955	4026,61		17930K52c	STWO	49	6989,955	2899,685		268	K	K52c	17930K52c	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
6637,34	2979,693		17957M55	EGWO	49	6637,34	2798,201		8	M	M55h	17957M55h	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5802,135	3831,337		17957M55	STWO	41	5802,135	3338,063		34	M	M55h	17957M55h	STWO	33	34	1	8	6,277.225	3,989.588	0.55	9.35
3868,361	3605,011		17965E37c	STWO	34	3868,361	3825,726		47	E	E37c	17965E37c	STWO	25	23	-2	9	3,112.304	3,567.125	-1.55	9.35
5183,673	3205,063		17973A01b	EGWO	24	5183,673	4244,323		1	A	A01b	17973A01b	EGWO	38	43	5	-14	4,694.765	3,144.662	4.75	-14.05
3675,655	3149,156		17981N68a	STWO	12	3675,655	3206,207		284	N	N68a	17981N68a	STWO	12	7	-5	0	3,112.304	3,144.662	-5.75	1.55
3348,221	2946,077		17981N68b	STWO	15	3348,221	2832,192		124	N	N68b	17981N68b	STWO	17	12	-5	-2	3,112.304	3,144.662	-5.75	-2.35
7084,692	4358,796		18007E14c	STWO	49	7084,692	3491,02		164	E	E14d	18007E14d	STWO	40	38	-2	9	7,859.686	4,412.051	-1.55	9.35
7002,788	4294,896		18007E14e	STWO	49	7002,788	3431,832		76	E	E14e	18007E14e	STWO	40	39	-1	9	6,277.225	4,412.051	-1.55	9.35
7428,873	4288,346		18015M58	STWO		7428,873	3710,753		711	M	M58j	18015M58j	STWO					7,859.686	4,412.051		
6238,305	4008,37		18066A04i	STWO	43	6238,305	3510,955		48	A	A04i	18066A04i	STWO	39	35	-4	4	6,277.225	3,989.588	-3.65	5.45
7539,055	4080,492		18074K47f	STWO	49	7539,055	2683,108		57	K	K47f	18074K47f	STWO	45	46	1	4	7,859.686	3,989.588	0.55	5.45
6804,261	3958,391		18074K47g	STWO	49	6804,261	2684,959		48	K	K47g	18074K47g	STWO	43	42	-1	6	6,277.225	3,989.588	-1.55	5.45
4959,86	3188,519		18112F81e	EGWO	28	4959,86	3679,883		8	F	F81e	18112F81e	EGWO	28	30	2	0	4,694.765	3,144.662	2.65	1.55
3353,741	2241,544		18120F77a	EGWO	33	3353,741	2234,474		7	F	F77a	18120F77a	EGWO	29	30	1	4	3,112.304	2,299.736	0.55	5.45
4452,512	3580,456		18120F77a	STWO	12	4452,512	3020,218		6	F	F77a	18120F77a	STWO	12	13	1	0	4,694.765	3,567.125	0.55	1.55
4337,801	2817,236		18201F76a	EGWO	37	4337,801	2720,702		31	F	F76a	18201F76a	EGWO	30	35	5	7	4,694.765	2,722.199	4.75	5.45
4758,154	3831,547		18236F85b	STWO	17	4765,197	3982,15		44	F	F85b	18236F85b	STWO	18	19	1	-1	4,694.765	3,989.588	0.55	-2.35
4570,881	3898,238		18236F85c	STWO	8	4570,881	4244,42		31	F	F85c	18236F85c	STWO	19	14	-5	-11	4,694.765	3,989.588	-5.75	-10.15
4304,841	3534,002		18236F89a	STWO	23	4304,841	2821,701		52	F	F89a	18236F89a	STWO	18	18	0	5	4,694.765	3,567.125	0.55	5.45
4256,45	3419,219		18236F89b	STWO	23	4256,45	3101,118		151	F	F89b	18236F89b	STWO	16	20	4	7	4,694.765	3,567.125	4.75	5.45
4479,386	3503,878		18244F86b	STWO	29	4479,386	3186,164		65	F	F86b	18244F86b	STWO	23	22	-1	6	4,694.765	3,567.125	-1.55	5.45
4838,71	3767,212		18244F86e	STWO	25	4838,71	3642,896		136	F	F86e	18244F86e	STWO	23	22	-1	2	4,694.765	3,567.125	-1.55	1.55
4304,738	3760,116		18279F89a	STWO	13	4304,738	4042,285		32	F	F89a	18279F89a	STWO	13	13	0	0	4,694.765	3,567.125	0.55	1.55
4111,099	3844,801		18287F76b	STWO	5	4111,099	4293,255		64	F	F76b	18287F76b	STWO	8	8	0	-3	4,694.765	3,989.588	0.55	-2.35
6810,967	3938,773		18317M56	STWO	49	6810,967	2773,357		72	M	M56b	18317M56b	STWO	43	42	-1	6	6,277.225	3,989.588	-1.55	5.45
7290,548	3031,114		18341E21b	EGWO	49	7290,548	2396,385		6	E	E21b	18341E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
4437,958	2695,588		18368F85b	EGWO	43	4437,958	2549,815		16	F	F85b	18368F85b	EGWO	37	39	2	6	4,694.765	2,722.199	2.65	5.45
4487,589	2639,247		18376F86a	EGWO	44	4487,589	2474,192		17	F	F86a	18376F86a	EGWO	38	42	4	6	4,694.765	2,722.199	4.75	5.45
4084,615	3272,235		18376F86a	STWO	23	4084,615	2217,36		1	F	F86a	18376F86a	STWO	19	20	1	4	4,694.765	3,144.662	0.55	5.45
4427,477	3003,624		18384F89b	EGWO	31	4427,477	3049,654		30	F	F89b	18384F89b	EGWO	29	32	3	2	4,694.765	3,144.662	2.65	1.55
5131,789	3180,463		18392F76a	EGWO	36	5131,789	3294,814		15	F	F76a	18392F76a	EGWO	35	38	3	1	4,694.765	3,144.662	2.65	1.55
4481,379	3878,646		18392F76e	STWO	7	4481,379	4327,653		40	F	F76a	18392F76a	STWO	11	14	3	-4	4,694.765	3,989.588	2.65	-2.35
4516,718	2667,439		18414F89c	EGWO	47	4516,718	2377,832		9	F	F89c	18414F89c	EGWO	39	41	2	8	4,694.765	2,722.199	2.65	9.35
6927,083	2916,426		18422M56	EGWO	49	6927,083	2605,325		1	M	M56c	18422M56c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6173,489	3886,955		18422M56	STWO	49	6173,489	2938,164		193	M	M56c	18422M56c	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
4563,547	2708,231		18430F85b	EGWO	44	4563,547	2566,347		17	F	F85b	18430F85b	EGWO	38	40	2	6	4,694.765	2,722.199	2.65	5.45
7917,397	4241,737		18449K46a	STWO	49	7917,397	2719,337		146	K	K46a	18449K46a	STWO					7,859.686	4,412.051		
11135	3999,324		18449K47c	EGWO	49	11135	3953,688		2	K	K47c	18449K47c	EGWO		49			11,024.607	3,989.588		
8411,924			18449K47c	STWO		8411,924			52	K	K47c	18449K47c	STWO					7,859.686			
9453,541			18449K47c	EGWO	49	9453,541	3045,5		14	K	K47d	18449K47d	EGWO					9,442.146			
8341,339	4287,981		18449K47c	STWO		8341,339	2819,254		225	K	K47d	18449K47d	STWO					7,859.686	4,412.051		
10947,08			18457K47a	EGWO	49	10947,08	2375,692		2	K	K47a	18457K47a	EGWO					11,024.607			
7362,776	4069,371		18457K47a	STWO	49	7362,776	2570,125		8	K	K47a	18457K47a	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
10074,65			18465K47a	EGWO	49	10074,65	2339,552		5	K	K47a	18465K47a	EGWO					9,442.146			
7735,456	4224,709		18465K47a	STWO	49	7735,456	2760,412		72	K	K47a	18465K47a	STWO		46			7,859.686	4,412.051		
6104,146	3827,342		18473K59a	STWO	29	6104,146	4336,147		36	K	K59a	18473K59a	STWO	36	33	-3	-7	6,277.225	3,989.588	-3.65	-6.25
6764,125	4268,546		18481E41a	STWO	49	6764,125	3390,125		196	E	E41a	18481E41a	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
4646,326	3886,657		18511F85c	STWO	9	4646,326	4295,661		36	F	F85c	18511F85c	STWO	16	16	0	-7	4,694.765	3,989.588	0.55	-6.25
7292,538	4401,109		18546A04i	STWO	37	7292,538	4595,774		30	A	A04i	18546A04i	STWO	42	40	-2	-5	7,859.686	4,412.051	-1.55	-6.25
7340,792	4455,847		18554A01g	STWO	34	7391,617	4924,394		26	A	A01g	18554A01g	STWO	42	37	-5	-8	7,859.686	4,412.051	-5.75	-6.25
4377,632	2797,649		18562F76a	EGWO	37	4377,632	2724,487		18	F	F76a	18562F76a	EGWO	31	36	5	6	4,694.765	2,722.199	4.75	5.45
4210,534	2650,631		18570F76a	EGWO	39	4210,534	2545,711		19	F	F76a	18570F76a	EGWO	33	37	4	6	4,694.765	2,722.199	4.75	5.45
4411,892	2918,026		18589F76a	EGWO	34	4411,892	2909,741		9	F	F76a	18589F76a	EGWO	28	34	6	6	4,694.765	2,722.199	6.85	5.45
6193,296	3920,46		18600E37e	STWO	49	6193,296	2922,576		122	E	E37e	18600E37e	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6530,97	4100,762		18619E40c	STWO	49	6530,97	3026,646		100	E	E40c	18619E40c	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
4106,584	2869,394		18627F78c	EGWO	29	4106,584	2929,778		48	F	F78d	18627F78d	EGWO	27	30	3	2	4,694.765	2,722.199	2.65	1.55
6410,107	4074,223		18635E37c	STWO	49	6410,107	3101,599		89	E	E37d	18635E37d	STWO	40	36	-4	9	6,277.225	3,989.588	-3.65	9.35
7456,18	4298,966		18643K25c	STWO	49	7456,18	3426,467		145	K	K25d	18643K25d	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
7215,302	4224,275		18643K26a	STWO	49	7215,302	3484,049		50	K	K26a	18643K26a	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
7441,173	4375,492		18643K26b	STWO	49	7441,173	3675,983		72	K	K26b	18643K26b	STWO	45	41	-4	4	7,859.686	4,412.051	-3.65	5.45
7433,88	4404,39		18643K26c	STWO	49	7433,88	3726,477		71	K	K26c	18643K26c	STWO	45	41	-4	4	7,859.686	4,412.051	-3.65	5.45
3995,232	2835,931		18678F77c	EGWO	27	3995,232	2896,013		96	F	F77c	18678F77c	EGWO	30	29	-1	-3	4,694.765	2,722.199	-1.55	-2.35
6650,044	4249,668		18686M30a	STWO	42	6650,044	3773,467		28	M	M30a	18686M30a	STWO	38	36	-2	4	6,277.225	4,412.051	-1.55	5.45
6265,409	4153,652		18694E37g	STWO	48	6265,409	3244,269		155	E	E37g	18694E37g	STWO	36	34	-2	12	6,277.225	3,989.588	-1.55	13.25
7649,631	4704,189		18716M55	STWO	42	7649,631	4318,166		192	M	M55c	18716M55c	STWO	35	39	4	7	7,859.686	4,834.514	4.75	5.45
5513,059	3769,394		18740N65b	EGWO	33	5513,059	3702,891		12	N	N65b	18740N65b	EGWO	26	32	6	7	6,277.225	3,567.125	6.85	5.45
6891,325	4340,34		18791A09i	STWO	32	6891,325	4709,267		7	A	A09i	18791A09i	STWO	39	37	-2	-7	6,277.225	4,412.051	-1.55	-6.25
10232,49	3659,037		18821K91c	EGWO	49	10232,49	3409,359		4	K	K91c	18821K91c	EGWO	48	47	-1	1	9,442.146	3,567.125	-1.55	1.55
6194,268			18856A04b	EGWO	36	6194,268	3396,527		1	A	A04b	18856A04b	EGWO	45	46	1	-9	6,277.225		0.55	-10.15
7416,104	4510,766		18856A04b	STWO	34	7416,104	4942,866		22	A	A04b	18856A04b	STWO	42	39	-3	-8	7,859.686	4,412.051	-3.65	-6.25
5814,964	3752,075		18864N61c	STWO	47	5814,964	3053,168		9	N	N61c	18864N61c	STWO	35	32	-3	12	6,277.225	3,567.125	-3.65	13.25
5260,858	3946,157		18872N60c	EGWO	32	5260,858	3626,859		8	N	N60c	18872N60c	EGWO	28	31	3	4	4,694.765	3,989.588	2.65	5.45
6587,801	4166,073		18902A01g	STWO	33	6587,801	4159,544		10	A	A01g	18902A01g	STWO	43	38	-5	-10	6,277.225	3,989.588	-5.75	-10.15
7170,843	4215,225		18902A01h	STWO	43	7296,701	3474,018		14	A	A01h	18902A01h	STWO	46	42	-4	-3	7,859.686	4,412.051	-3.65	-2.35
5333,003	3789,482		18910M55	STWO	45	5333,003	3373,639		32	M	M55d	18910M55d	STWO	34	33	-1	11	4,694.765	3,989.588	-1.55	9.35
9685,714			18910M55	EGWO		9685,714			1	M	M55e	18910M55e	EGWO					9,442.146			
5165,338	3687,182		18929N60c	EGWO	32	5165,338	3468,802		26	N	N60c	18929N60c	EGWO	28	31	3	4	4,694.765	3,567.125	2.65	5.45

4937,189	2736,608	[redacted]	18953N60l	EGWO	42	4937,189	2601,848	[redacted]	12	N	N60b	18953N60b	EGWO	41	43	2	1	4,694.765	2,722.199	2.65	1.55
5000,978	3666,661		18953N60l	STWO	40	5000,978	2996,827		8	N	N60b	18953N60b	STWO	27	27	0	18	4,694.765	3,567.125	0.55	13.25
5256,25	3040		18953N60c	EGWO	37	5256,25	3105,277		2	N	N60c	18953N60c	EGWO	33	36	3	4	4,694.765	3,144.662	2.65	5.45
4423,79	3524,586		18953N60c	STWO	36	4423,79	2830,752		26	N	N60c	18953N60c	STWO	19	19	0	17	4,694.765	3,567.125	0.55	17.15
2634,328			18961N69l	STWO	9	2634,328			1	N	N69l	18961N69l	STWO	10	11	1	-1	3,112.304		0.55	-2.35
7766,335	4395,123		19054E20c	STWO	49	7766,335	3317,31		214	E	E20c	19054E20c	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7598,616	4399,507		19054E21a	STWO	49	7598,616	3436,906		397	E	E21a	19054E21a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
6373,168	4026,319		19100E37c	STWO	49	6373,168	3074,669		12	E	E37d	19100E37d	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
5887,821	2904,882		19100E37g	EGWO	49	5887,821	2455		6	E	E37g	19100E37g	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5883,524	4050,42		19100E37g	STWO	46	5883,524	3173,521		75	E	E37g	19100E37g	STWO	34	31	-3	12	6,277.225	3,989.588	-3.65	13.25
7377,805	4529,573		19119K25t	STWO	47	7377,805	4055,437		104	K	K25b	19119K25b	STWO	44	39	-5	3	7,859.686	4,412.051	-5.75	1.55
6967,514	4152,086		19119K25c	STWO	49	6967,514	3194,377		129	K	K25c	19119K25c	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
6478,674	3965,54		19119K26c	STWO	49	6478,674	3041,306		76	K	K26c	19119K26c	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
4647,381	3592,682		19127F86a	STWO	28	4647,381	3343,888		15	F	F86a	19127F86a	STWO	23	23	0	5	4,694.765	3,567.125	0.55	5.45
6163,341	4144,246		19178A01c	STWO	32	6163,341	4213,274		10	A	A01c	19178A01c	STWO	39	33	-6	-7	6,277.225	3,989.588	-5.75	-6.25
6754,126	3506,982		19186M57	EGWO	49	6754,126	3083,898		8	M	M57a	19186M57a	EGWO	45	48	3	4	6,277.225	3,567.125	2.65	5.45
5340,924	3876,395		19186M57	STWO	44	5340,924	3024,024		3	M	M57a	19186M57a	STWO	29	29	0	15	4,694.765	3,989.588	0.55	13.25
6300			19194K45t	STWO	49	6300	3517,355		3	K	K45b	19194K45b	STWO	41	39	-2	8	6,277.225		-1.55	9.35
4562,13	2948,511		19208K45t	EGWO	49	4562,13	4113,433		1	K	K45b	19208K45b	EGWO	49	49	0	0	4,694.765	3,144.662	0.55	1.55
6806,967	4030,595		19208K45t	STWO	49	6806,967	2971,043		14	K	K45b	19208K45b	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
3211,061	3375,503		19216T94f	STWO	6	3211,061	3097,399		121	T	T94f	19216T94f	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
7264,995	3535,062		19224A06k	EGWO	45	7264,995	3651,454		5	A	A06k	19224A06k	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
7888,05	4537,265		19224A06k	STWO	46	7888,05	4189,246		20	A	A06k	19224A06k	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
7454,283	4129,375		19232A06k	STWO	46	7454,283	2970,265		26	A	A06k	19232A06k	STWO	45	42	-3	1	7,859.686	3,989.588	-3.65	1.55
7533,518	3811,388		19240A06k	EGWO	41	7533,518	4411,452		5	A	A06k	19240A06k	EGWO	49	49	0	-8	7,859.686	3,989.588	0.55	-6.25
8055,628	4489,492		19240A06k	STWO	46	8055,628	4343,955		25	A	A06k	19240A06k	STWO	45	43	-2	1	7,859.686	4,412.051	-1.55	1.55
4379,806	2691,107		19259N70l	EGWO	42	4379,806	2530,624		9	N	N70b	19259N70b	EGWO	34	39	5	8	4,694.765	2,722.199	4.75	9.35
7279,684	4311,169		19267M28	STWO	49	7279,684	3539,076		32	M	M28c	19267M28c	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6574,6	4032,172		19275M28	STWO	48	6574,6	3102,278		28	M	M28c	19275M28c	STWO	38	39	1	10	6,277.225	3,989.588	0.55	9.35
5217,442	3863,203		19283K90c	STWO	27	5217,442	3827,639		114	K	K90c	19283K90c	STWO	30	26	-4	-3	4,694.765	3,989.588	-3.65	-2.35
4919,236	3801,328		19283K91c	STWO	23	4919,236	3865,513		48	K	K91c	19283K91c	STWO	30	23	-7	-7	4,694.765	3,989.588	-7.85	-6.25
4234,9	3786,752		19291N68c	STWO	6	4234,9	4258,42		94	N	N68c	19291N68c	STWO	11	10	-1	-5	4,694.765	3,989.588	-1.55	-6.25
6976,283	4441,166		19321A09t	STWO	31	7004,184	4883,094		53	A	A09b	19321A09b	STWO	37	34	-3	-6	6,277.225	4,412.051	-3.65	-6.25
6483,824	4215,159		19364A09t	STWO	27	6483,824	4697,855		3	A	A09b	19364A09b	STWO	32	29	-3	-5	6,277.225	4,412.051	-3.65	-6.25
7048,819	4310,819		19399A01t	STWO	32	7048,819	4670,709		12	A	A01b	19399A01b	STWO	41	37	-4	-9	6,277.225	4,412.051	-3.65	-10.15
7418,631	3096,317		19402E21t	EGWO	49	7418,631	2368,408		8	E	E21b	19402E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
7664,232	4342,517		19402E21t	STWO	49	7664,232	4316,242		10	E	E21b	19402E21b	STWO	44	43	-1	5	7,859.686	4,412.051	-1.55	5.45
16444,44			19402E22t	EGWO		16444,44			1	E	E22b	19402E22b	EGWO					15,771.988			
7902,759	4679,403		19402E22t	STWO	47	7902,759	4763,85		25	E	E22b	19402E22b	STWO	42	40	-2	5	7,859.686	4,834.514	-1.55	5.45
7203,735	4302,317		19410K44c	STWO	49	7203,735	3440,667		67	K	K44c	19410K44c	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
8691,304			19429A08e	EGWO		8691,304			1	A	A08e	19429A08e	EGWO					9,442.146			
7391,25	4372,187		19429A08e	STWO	40	7391,25	4429,098		53	A	A08e	19429A08e	STWO	42	40	-2	-2	7,859.686	4,412.051	-1.55	-2.35
7050,068	3669,675		19445A04e	EGWO	41	7050,068	4329,102		2	A	A04e	19445A04e	EGWO	47	48	1	-6	6,277.225	3,567.125	0.55	-6.25
6924,617	4043,792		19445A04e	STWO	44	6924,617	3187,795		16	A	A04e	19445A04e	STWO	44	41	-3	0	6,277.225	3,989.588	-3.65	1.55
6864,17	4100,825		19453A01f	STWO	36	6864,17	3549,084		4	A	A01f	19453A01f	STWO	43	39	-4	-7	6,277.225	3,989.588	-3.65	-6.25
8492,13	3866,533		19461A02a	EGWO	49	8492,13	3761,399		15	A	A02a	19461A02a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7860,084	4436,367		19461A02a	STWO	49	7860,084	3854,356		236	A	A02a	19461A02a	STWO	49	45	-4	0	7,859.686	4,412.051	-3.65	1.55
7615,204	3943,994		19461A02b	EGWO	49	7615,204	3736,502		8	A	A02b	19461A02b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
8057,326	4507,53		19461A02b	STWO	49	8057,326	4105,502		203	A	A02b	19461A02b	STWO	49	45	-4	0	7,859.686	4,412.051	-3.65	1.55
8192,945	3810,481		19461A02c	EGWO	49	8192,945	3626,972		24	A	A02c	19461A02c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7944,971	4512,042		19461A02c	STWO	49	7944,971	4118,823		255	A	A02c	19461A02c	STWO	49	44	-5	0	7,859.686	4,412.051	-5.75	1.55
7683,383	3708,179		19461A02d	EGWO	49	7683,383	3554,748		10	A	A02d	19461A02d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8003	4444,309		19461A02d	STWO	49	8003	3957,624		130	A	A02d	19461A02d	STWO	49	45	-4	0	7,859.686	4,412.051	-3.65	1.55
8777,209	4224,917		19461A03a	EGWO	49	8777,209	3640,333		14	A	A03a	19461A03a	EGWO		49			9,442.146	4,412.051		
7883,25	4515,123		19461A03a	STWO	46	7883,25	4286,667		179	A	A03a	19461A03a	STWO	48	43	-5	-2	7,859.686	4,412.051	-5.75	-2.35
7887,911	3454,518		19461A03b	EGWO		7887,911	3495,379		3	A	A03b	19461A03b	EGWO					7,859.686	3,567.125		
8327,739	4456,488		19461A03b	STWO	49	8327,739	3839,48		18	A	A03b	19461A03b	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
9522,649	4322,398		19461A03c	EGWO	49	9522,649	3863,077		21	A	A03c	19461A03c	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
8455,616	4615,191		19461A03c	STWO	49	8455,616	4290,008		167	A	A03c	19461A03c	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
9503,701	4045,887		19461A03d	EGWO	49	9503,701	3882,378		37	A	A03d	19461A03d	EGWO					9,442.146	3,989.588		
8398,826	4638,85		19461A03d	STWO	49	8398,826	4378,307		181	A	A03d	19461A03d	STWO	49	46	-3	0	7,859.686	4,834.514	-3.65	1.55
8230,793	3665,765		19461A03g	EGWO	49	8230,793	3594,175		7	A	A03g	19461A03g	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7701,933	4463,755		19461A03g	STWO	44	7701,933	4278,215		76	A	A03g	19461A03g	STWO	47	42	-5	-3	7,859.686	4,412.051	-5.75	-2.35
2734,67	3319,759		19488T94f	STWO	5	2734,67	3502,241		149	T	T94f	19488T94f	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
4228,723	2891,441		19526F78d	EGWO	31	4228,723	2929,595		2	F	F78d	19526F78d	EGWO	28	31	3	3	4,694.765	2,722.199	2.65	1.55
4041,32	3730,386		19534N68c	STWO	6	4041,32	4165,925		45	N	N68c	19534N68c	STWO	11	8	-3	-5	4,694.765	3,567.125	-3.65	-6.25
4359,08	3034,953		19542N67a	EGWO	34	4359,08	2957,791		17	N	N67a	19542N67a	EGWO	32	35	3	2	4,694.765	3,144.662	2.65	1.55
7235,103	3986,546		19607N73l	EGWO	41	7235,103	4135,68		22	N	N73h	19607N73h	EGWO	40	43	3	1	7,859.686	3,989.588	2.65	1.55
8206,016	3956,915		19615A03a	EGWO	49	8206,016	4132,021		18	A	A03a	19615A03a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7513,34	4403,583		19615A03a	STWO	44	7513,34	4214,23		160	A	A03a	19615A03a	STWO	43	41	-2	1	7,859.686	4,412.051	-1.55	1.55
8820,948	3929,104		19615A03c	EGWO	49	8820,948	4160,027		36	A	A03c	19615A03c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7597,858	4449,3		19615A03c	STWO	46	7597,858	4179,308		211	A	A03c	19615A03c	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
8799,405	3917,948		19615A03d	EGWO	49	8799,405	3893,595		17	A	A03d	19615A03d	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7823,433	4510,006		19615A03d	STWO	46	7823,433	4169,839		182	A	A03d	19615A03d	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
8474,463	4285,209		19615A03g	EGWO	49	8474,463	4298,327		6	A	A03g	19615A03g	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
7209,617	4375,697		19615A03g	STWO	44	7209,617	4024,652		60	A	A03g	19615A03g	STWO	43	39	-4	1	7,859.686	4,412.051	-3.65	1.55
5599,279	2827,297		19704K90c	EGWO	49	5599,279	2400,785		27	K	K90c	19704K90c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5576,782	3855,75		19712K90a	STWO	31	5576,782	3868,22		66	K	K90a	19712K90a	STWO	34	31	-3	-3	6,277.225	3,989.588	-3.65	-2.35
4361,101	3577,133		19755N61l	STWO	34	4361,101	2873,441		54	N	N61b	19755N61b	STWO	27	17	-10	7	4,694.765	3,567.125	-9.95	5.45
6320,716	4163,592		19763E37f	STWO	48	6320,716	3281,917		321	E	E37f	19763E37f	STWO	37	34	-3	11	6,277.225	3,989.588	-3.65	9.35
2779,949	2992,748		19771T94n	STWO	5	2779,949	2978,819		357	T	T94n	19771T94n	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
6850,784	4229,342		19798K52d	STWO	49	6850,784	3485,51		84	K	K52d	19798K52d	STWO	38	38	0	11	6,277.225	4,412.051	0.55	9.35
6771,529	4144,308		19798K54c	STWO	49	6771,529	3326,351		223	K	K54c	19798K54c	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
7332,777	4510,449		19801E17a	STWO	49	7332,777	3653,444		135	E	E17a	19801E17a	STWO	40	38	-2	9	7,859.686	4,412.051	-1.55	9.35
6931,791	4367,425		19801E18b	STWO	48	6931,791	3575,815		397	E	E18b	19801E18b	STWO	39	37	-2	9	6,277.225	4,412.051	-1.55	9.35
7663,56	4564,486		19801E19a	STWO	49	7663,56	3787,727		154	E	E19a	19801E19a	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
5772,629	3917,611		19801E19b	STWO	41	5778,966	3289,826		229	E	E19b	19801E19b	STWO	33	32	-1	8	6,277.225	3,989.588	-1.55	9.35
7034,29	4428,546		19801E19c	STWO	49	7034,29	3599,048		71	E	E19c	19801E19c	STWO	40	37	-3	9	6,277.225	4,412.051	-3.65	9.35
6252,605	4222,9		19828A05c	STWO	37	6252,605	4160,905		8	A	A05d	19828A05d	STWO	38	35	-3	-1	6,277.225	4,412.051	-3.65	-2.35
6886,302	4691,207		19836A05c	STWO	38	6886,302	4361,796		4	A	A05c	19836A05c	STWO	42	38	-4	-4	6,277.225	4,834.514	-3.65	-2.35
6153,285	3471,752		19852A09c	EGWO		6153,285	4535,49		1	A	A09c	19852A09c	EGWO					6,277.225	3,567.125		
5752,693	4072,565		19852A09c	STWO	26	5752,693	4955,49		88	A	A09c	19852A09c	STWO	30	29	-1	-4	6,277.225	3,989.588	-1.55	-2.35
5011,726	3599,701		19860N65l	EGWO	31	5011,726	3464,26		20	N	N65b	19860N65b	EGWO	25	28	3	6	4,694.765	3,567.125	2.65	5.45
4043,741	3348,237		19879F82c	STWO	18	4043,741	3292,834		81	F	F82d	19879F82d	STWO	20	17	-3	-2	4,694.765	3,144.662	-3.65	-2.35
4742,207	2722,788		19909N71c	EGWO	37	4742,207	2935,851		18	N	N71c	19909N71c	EGWO	40	43	3	-3	4,694.765	2,722.199	2.65	-2.35
5141,212	3630,348		19909N71c	STWO	44	5141,212	2536,598		24	N	N71c	19909N71c	STWO	31	29	-2	13	4,694.765	3,567.125	-1.55	13.25
7583,942	3767,796		19968A04e	EGWO	41	7583,942	4491,417		1	A	A04e	19968A04e	EGWO	47	48	1	-6	7,859.686	3,567.125	0.55	-6.25
3546,519	3251,419		19976T94n	STWO	6	3546,519	3383,573		486	T	T94n	19976T94n	STWO	10	9	-1	-4	3,112.304	3,144.662	-1.55	-2.35
5499,449	3563,824		19984N65l	EGWO	33	5499,449	3561,236		33	N	N65b	19984N65b	EGWO	29	33	4	4	6,277.225	3,567.125	4.75	5.45
6800,755	4110,685		20001A07c	STWO	37	6800,755	3521,85		3	A	A07c	20001A07c	STWO	41	38	-3	-4	6,277.225	3,989.588	-3.65	-2.35
2701,848	3260,164		20044T94f	STWO	5	2701,848	3482,931		149	T	T94f	20044T94f	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
6813,713	4207,642		20095A00c	EGWO	34	6813,713	4319,092		2	A	A00c	20095A00c	EGWO	44	47	3	-10	6,277.225	4,412.051	2.65	-10.15
6854,838	4364,016		20095A00c	STWO	31	6854,838	4763,798		26	A	A00c	20095A00c	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15

7068,265	4471,439	[redacted]	20095A00e	STWO	30	7068,265	4959,971	[redacted]	15	A	A00e	20095A00e	STWO	42	37	-5	-12	6,277.225	4,412.051	-5.75	-10.15
6714,857	3354,774		20095A04h	EGWO	47	6714,857	3291,738		7	A	A04h	20095A04h	EGWO	48	49	1	-1	6,277.225	3,144.662	0.55	-2.35
7474,201	4476,259		20095A04h	STWO	38	7474,201	4622,23		132	A	A04h	20095A04h	STWO	43	40	-3	-5	7,859.686	4,412.051	-3.65	-6.25
7240,184	4370,911		20109A04h	STWO	39	7240,184	4736,602		2	A	A04h	20109A04h	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
6077,994	3868,214		20117E13c	STWO	45	6077,994	2944,407		73	E	E13d	20117E13d	STWO	40	36	-4	5	6,277.225	3,989.588	-3.65	5.45
6603,316	4032,727		20117E13e	STWO	49	6603,316	3207,112		38	E	E13e	20117E13e	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
4279,455	3547,156		20133N61l	STWO	33	4279,455	2859,324		32	N	N61b	20133N61b	STWO	27	17	-10	6	4,694.765	3,567.125	-9.95	5.45
4284,687	3620,745		20141N61l	STWO	31	4284,687	2958,382		38	N	N61b	20141N61b	STWO	27	17	-10	4	4,694.765	3,567.125	-9.95	5.45
5496,726	3261,227		20192A00c	EGWO	34	5496,726	3896,087		4	A	A00c	20192A00c	EGWO	44	47	3	-10	6,277.225	3,144.662	2.65	-10.15
6394,745	4237,515		20192A00c	STWO	33	6394,745	4309,361		45	A	A00c	20192A00c	STWO	38	34	-4	-5	6,277.225	4,412.051	-3.65	-6.25
5201,277	2769,1		20206N70l	EGWO	49	5201,277	2644,489		24	N	N70b	20206N70b	EGWO	39	46	7	10	4,694.765	2,722.199	6.85	9.35
6331,305	4281,983		20214A01l	STWO	31	6343,351	4317,904		57	A	A01b	20214A01b	STWO	41	37	-4	-10	6,277.225	4,412.051	-3.65	-10.15
7397,944	4726,794		20249A01c	STWO	28	7397,944	5620,037		16	A	A01c	20249A01c	STWO	38	34	-4	-10	7,859.686	4,834.514	-3.65	-10.15
7246,387	4440,912		20249A01e	STWO	32	7246,387	4697,663		7	A	A01e	20249A01e	STWO	40	36	-4	-8	7,859.686	4,412.051	-3.65	-6.25
4911,624	3344,153		20257N65l	EGWO	33	4914,315	3284,995		249	N	N65b	20257N65b	EGWO	29	32	3	4	4,694.765	3,144.662	2.65	5.45
4421,903	2814,459		20257N66l	EGWO	28	4421,903	2941,958		23	N	N66b	20257N66b	EGWO	29	32	3	-1	4,694.765	2,722.199	2.65	-2.35
4174,67	3512,95		20257N66l	STWO	32	4174,67	2826,529		7	N	N66b	20257N66b	STWO	21	16	-5	11	4,694.765	3,567.125	-5.75	9.35
6699,714	4283,314		20273A06g	STWO	40	6699,714	3654,253		5	A	A06g	20273A06g	STWO	43	41	-2	-3	6,277.225	4,412.051	-1.55	-2.35
4977,993	3880,16		20281F87a	STWO	26	4977,993	3695,868		811	F	F87a	20281F87a	STWO	25	22	-3	1	4,694.765	3,989.588	-3.65	1.55
9870,821			20338K46a	EGWO	49	9870,821			2	K	K46a	20338K46a	EGWO					9,442.146			
7892,177	4272,969		20338K46a	STWO	49	7892,177	2896,033		93	K	K46a	20338K46a	STWO					7,859.686	4,412.051		
7818,068			20338K46b	EGWO		7818,068			7	K	K46b	20338K46b	EGWO					7,859.686			
7477,483	4225,661		20338K46b	STWO	49	7477,483	2840,097		143	K	K46b	20338K46b	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
10569,92			20338K46c	EGWO		10569,92			4	K	K46c	20338K46c	EGWO					11,024.607			
7587,869	4121,173		20338K46c	STWO	49	7587,869	2712,776		181	K	K46c	20338K46c	STWO					7,859.686	3,989.588		
10031,33	3898,715		20338K47c	EGWO	49	10031,33	3488,088		2	K	K47d	20338K47d	EGWO					9,442.146	3,989.588		
8032,821	4258,979		20338K47c	STWO	49	8032,821	2902,794		14	K	K47d	20338K47d	STWO					7,859.686	4,412.051		
11430,39			20354K46c	EGWO		11430,39	2983,122		10	K	K46c	20354K46c	EGWO					11,024.607			
8306,647	4134,51		20354K46c	STWO	49	8306,647	2598,517		34	K	K46c	20354K46c	STWO					7,859.686	3,989.588		
6342,105	4115,56		20362A03f	STWO	35	6342,105	4383,75		1	A	A03f	20362A03f	STWO	42	38	-4	-7	6,277.225	3,989.588	-3.65	-6.25
6927,132	3551,925		20370A04e	EGWO	41	6927,132	4189,05		3	A	A04e	20370A04e	EGWO	47	48	1	-6	6,277.225	3,567.125	0.55	-6.25
6914,682	4387,023		20370A04e	STWO	34	6914,682	4591,814		31	A	A04e	20370A04e	STWO	38	36	-2	-4	6,277.225	4,412.051	-1.55	-2.35
4373,549	2632,736		20397N70a	EGWO	46	4373,549	2379,229		9	N	N70a	20397N70a	EGWO	39	40	1	7	4,694.765	2,722.199	0.55	5.45
4295,455	3403,931		20397N70a	STWO	15	4295,455	2479,124		8	N	N70a	20397N70a	STWO	15	17	2	0	4,694.765	3,567.125	2.65	1.55
4894,645	2987,235		20397N70b	EGWO	39	4894,645	3192,194		12	N	N70b	20397N70b	EGWO	38	39	1	1	4,694.765	3,144.662	0.55	1.55
4722,847	3506,065		20397N70b	STWO	31	4722,847	2728,018		48	N	N70b	20397N70b	STWO	23	26	3	8	4,694.765	3,567.125	2.65	9.35
3954,156	3267,446		20400F82c	STWO	23	3954,156	2376,761		26	F	F82d	20400F82d	STWO	16	17	1	7	4,694.765	3,144.662	0.55	5.45
5474,974	3626,418		20427N60c	STWO	36	5474,974	3476,776		58	N	N60c	20427N60c	EGWO	32	34	2	4	4,694.765	3,567.125	2.65	5.45
8905,303	4136,783		20451A02a	EGWO	49	8905,303	4451,237		10	A	A02a	20451A02a	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8341,113	4719,09		20451A02a	STWO	42	8341,113	4877,33		12	A	A02a	20451A02a	STWO	46	42	-4	-4	7,859.686	4,834.514	-3.65	-2.35
6329,603	3978,043		20478E75a	STWO	49	6329,603	3082,934		59	E	E75a	20478E75a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6594,45	4177,523		20508E16a	STWO	49	6594,45	3313,784		102	E	E16a	20508E16a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6742,847	3723,025		20516M57	EGWO	49	6742,847	3261,076		6	M	M57a	20516M57a	EGWO	44	45	1	5	6,277.225	3,567.125	0.55	5.45
5267,926	3814,291		20532K90c	STWO	30	5267,926	3675,303		41	K	K90c	20532K90c	STWO	32	28	-4	-2	4,694.765	3,989.588	-3.65	-2.35
6688,498	4308,117		20540N60a	EGWO	37	6688,498	4104,677		19	N	N60a	20540N60a	EGWO	33	35	2	4	6,277.225	4,412.051	2.65	5.45
6667,748	4129,507		20559K44d	STWO	49	6667,748	3253,027		62	K	K44d	20559K44d	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
6750,832	4237,602		20567K54a	STWO	48	6750,832	3489,186		248	K	K54a	20567K54a	STWO	40	37	-3	8	6,277.225	4,412.051	-3.65	9.35
7726,496	4079,912		20575A06a	EGWO	40	7726,496	4481,147		3	A	A06a	20575A06a	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
7235,071	4366,087		20575A06a	STWO	40	7235,071	4161,202		2	A	A06a	20575A06a	STWO	43	40	-3	-3	7,859.686	4,412.051	-3.65	-2.35
6762,688	3264,089		20591A04d	EGWO	46	6762,688	3593,9		6	A	A04d	20591A04d	EGWO	49	49	0	-3	6,277.225	3,144.662	0.55	-2.35
6751,459	4257,008		20591A04c	STWO	37	6751,459	4311,588		54	A	A04d	20591A04d	STWO	40	37	-3	-3	6,277.225	4,412.051	-3.65	-2.35
5046,04	3784,176		20605N61l	STWO	38	5046,04	3115,519		18	N	N61b	20605N61b	STWO	28	25	-3	10	4,694.765	3,989.588	-3.65	9.35
5543,324	2985,787		20613M30	EGWO	49	5543,324	2809,945		29	M	M30a	20613M30a	EGWO	45	46	1	4	6,277.225	3,144.662	0.55	5.45
5802,983	3977,671		20613M30	STWO	44	5802,983	3245,577		67	M	M30a	20613M30a	STWO	34	31	-3	10	6,277.225	3,989.588	-3.65	9.35
5773,771	4133,491		20621A09e	STWO	24	5773,771	4293,761		34	A	A09e	20621A09e	STWO	31	28	-3	-7	6,277.225	3,989.588	-3.65	-6.25
6520,962	4164,346		20656M32	STWO	41	6520,962	3514,147		8	M	M32a	20656M32a	STWO	37	36	-1	4	6,277.225	3,989.588	-1.55	5.45
6600,617	4158,608		20656M32	STWO	45	6600,617	3538,466		87	M	M32b	20656M32b	STWO	39	37	-2	6	6,277.225	3,989.588	-1.55	5.45
7182,288	4110,092		20664K52a	STWO	49	7182,288	3139,196		112	K	K52a	20664K52a	STWO	45	42	-3	4	7,859.686	3,989.588	-3.65	5.45
4783,927	4079,441		20680E37c	STWO	39	5896,104	2685,329		1	E	E37c	20680E37c	STWO	30	23	-7	9	4,694.765	3,989.588	-7.85	9.35
6052,727	4056,826		20702A00c	STWO	30	6052,727	3527,993		2	A	A00c	20702A00c	STWO	39	35	-4	-9	6,277.225	3,989.588	-3.65	-10.15
6761,013	4155,539		20710K54c	STWO	49	6761,013	3332,745		161	K	K54c	20710K54c	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
4490,906	3557,109		20729F77a	STWO	17	4490,906	3649,977		46	F	F77a	20729F77a	STWO	17	18	1	0	4,694.765	3,567.125	0.55	1.55
7710,293	3660,528		20737A04e	EGWO	44	7710,293	4133,337		7	A	A04e	20737A04e	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	-6.25
6951,368	4414,305		20737A04e	STWO	39	6951,368	4546,711		60	A	A04e	20737A04e	STWO	39	36	-3	0	6,277.225	4,412.051	-3.65	1.55
6536,364	4026,913		20745A01g	STWO	33	6536,364	3529,609		1	A	A01g	20745A01g	STWO		38			6,277.225	3,989.588		
3729,984	4099,696		20761E40c	STWO	49	3729,984	2997,959		54	E	E40c	20761E40c	STWO	40	36	-4	9	3,112.304	3,989.588	-3.65	9.35
7372,57	4474,342		20788A08b	STWO	35	7372,57	4777,027		22	A	A08b	20788A08b	STWO	40	39	-1	-5	7,859.686	4,412.051	-1.55	-6.25
6655,765	4261,696		20796E18a	STWO	49	6655,765	3485,686		29	E	E18a	20796E18a	STWO	41	38	-3	8	6,277.225	4,412.051	-3.65	9.35
7302,675	4020,096		20818A04e	EGWO	41	7302,675	4611,052		5	A	A04e	20818A04e	EGWO	47	45	-2	-6	7,859.686	3,989.588	-1.55	-6.25
6097,717	4139,805		20818A04e	STWO	37	6097,717	3891,599		11	A	A04e	20818A04e	STWO	35	31	-4	2	6,277.225	3,989.588	-3.65	1.55
7127,778	4860,934		20826N60a	EGWO	38	7127,778	4541,616		3	N	N60a	20826N60a	EGWO	32	34	2	6	7,859.686	4,834.514	2.65	5.45
7513,514	4345,417		20842A04e	EGWO	41	7513,514			1	A	A04e	20842A04e	EGWO	47	48	1	-6	7,859.686	4,412.051	0.55	-6.25
6968,915	4340,374		20842A04e	STWO	39	6968,915	4440,678		2	A	A04e	20842A04e	STWO	39	36	-3	0	6,277.225	4,412.051	-3.65	1.55
7157,407	3864,934		20850A04e	EGWO	41	7157,407	4578,637		1	A	A04e	20850A04e	EGWO	47	48	1	-6	7,859.686	3,989.588	0.55	-6.25
7015,472	4222,112		20850A04e	STWO	38	7015,472	4148,174		24	A	A04e	20850A04e	STWO	38	36	-2	0	6,277.225	4,412.051	-1.55	1.55
6207,895	4132,01		20869A01b	STWO	31	6207,895	4478,537		2	A	A01b	20869A01b	STWO	41	37	-4	-10	6,277.225	3,989.588	-3.65	-10.15
4830,769			20869A01d	EGWO	30	4830,769			1	A	A01d	20869A01d	EGWO	43	44	1	-13	4,694.765		0.55	-14.05
7409,672	4800,102		20869A01c	STWO	28	7409,672	5695,152		8	A	A01d	20869A01d	STWO	42	35	-7	-14	7,859.686	4,834.514	-7.85	-14.05
7517,879	3577,394		20877A04e	EGWO	41	7517,879	3426,384		2	A	A04e	20877A04e	EGWO	47	48	1	-6	7,859.686	3,567.125	0.55	-6.25
7166,941	4282,246		20877A04e	STWO	39	7166,941	3918,77		5	A	A04e	20877A04e	STWO	39	36	-3	0	7,859.686	4,412.051	-3.65	1.55
7315,622	3935,262		20885A04e	EGWO	38	7315,622	4506,7		9	A	A04e	20885A04e	EGWO	47	47	0	-9	7,859.686	3,989.588	0.55	-10.15
6996,68	4347,025		20885A04e	STWO	34	6996,68	4849,204		19	A	A04e	20885A04e	STWO	38	36	-2	-4	6,277.225	4,412.051	-1.55	-2.35
9230,769			20893A01b	EGWO	24	9230,769			1	A	A01b	20893A01b	EGWO	38	43	5	-14	9,442.146		4.75	-14.05
7216,334	4425,32		20893A01b	STWO	31	7216,334	4843,68		2	A	A01b	20893A01b	STWO	41	37	-4	-10	7,859.686	4,412.051	-3.65	-10.15
5841,667	3540,467		20893A01c	EGWO	30	5841,667	4476,905		1	A	A01d	20893A01d	EGWO	43	44	1	-13	6,277.225	3,567.125	0.55	-14.05
7345,41	4475,341		20893A01c	STWO	30	7345,41	5198,087		7	A	A01d	20893A01d	STWO	41	37	-4	-11	7,859.686	4,412.051	-3.65	-10.15
7470,381	3752,927		20907A07a	EGWO	46	7470,381	4330,334		3	A	A07a	20907A07a	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	-2.35
7301,455	4462,937		20907A07a	STWO	44	7301,455	4090,694		52	A	A07a	20907A07a	STWO	42	38	-4	2	7,859.686	4,412.051	-3.65	1.55
8742,624	4193,202		20907A07c	EGWO	49	8742,624	4580,147		2	A	A07c	20907A07c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7135,183	4497,964		20907A07c	STWO	34	7135,183	4674,855		131	A	A07c	20907A07c	STWO	39	36	-3	-5	7,859.686	4,412.051	-3.65	-6.25
7033,095	4468,677		20915A01c	STWO	33	7033,095	4832,411		3	A	A01d	20915A01d	STWO	42	38	-4	-9	6,277.225	4,412.051	-3.65	-10.15
6520,77	3999,64		20958K53b	STWO	49	6520,77	3179,293		22	K	K53b	20958K53b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
5886,434	4010,12		20966A00a	STWO	30	5886,434	3955,6		2	A	A00a	20966A00a	STWO	38	35	-3	-8	6,277.225	3,989.588	-3.65	-6.25
6753,868	4308,036		20966A00c	STWO	32	6753,868	4508,771		8	A	A00c	20966A00c	STWO	40	36	-4	-8	6,277.225	4,412.051	-3.65	-6.25
6962,919	4036,788		20974M58	STWO	49	7063,721	3473,251		74	M	M58g	20974M58g	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
5261,905	3785,155		20982N71c	STWO	39	5261,905	3533,68		1	N	N71c	20982N71c	STWO	31	30	-1	8	4,694.765	3,989.588	-1.55	9.35
5891,304			20990A05b	EGWO	40	5891,304	3353,604		1	A	A05b	20990A05b	EGWO	46	47	1	-6	6,277.225		0.55	-6.25
7723,086	4516,455		20990A05b	STWO	40	7723,086	4714,615		50	A	A05b	20990A05b	STWO	44	42	-2	-4	7,859.686	4,412.051	-1.55	-2.35
6715,521	3088,235		20990A05c	EGWO	38	6715,521	3685,878		2	A	A05c	20990A05c	EGWO	43	45	2	-5	6,277.225	3,144.662	2.65	-6.25
6789,941	4209,78		20990A05c	STWO	42	6789,941	4000,978		57	A	A05c	20990A05c	STWO	39	37	-2	3	6,277.225	4,412.051	-1.55	1.55
5821,439	4596,745		21008A03f	STWO	35	5821,439	4924,582		8	A	A03f	21008A03f	STWO	41	38	-3	-6	6,277.225	4,412.051	-3.65	-6.25
7136,641	3420,454		21024E18a	EGWO	49	7136,641	3109,227		8	E	E18a	21024E18a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6344,426	4251,609		21040A00a	STWO	30	6344,426	4736,873		2	A	A00a	21040A00a	STWO	38	35	-3	-8	6,277.225	4,412.051	-3.65	-6.25

6240	3978,041	[redacted]	21040A00c	STWO	30	6240	3620,826	[redacted]	1	A	A00c	21040A00c	STWO	39	35	-4	-9	6,277.225	3,989.588	-3.65	-10.15
7539,721	4474,895		21059K25t	STWO	49	7539,721	3486,886		11	K	K25b	21059K25b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
8478,793			21067K47c	STWO		8478,793			11	K	K47c	21067K47c	STWO					7,859.686			
7294,084	4198,57		21075N61c	EGWO	49	7294,084	3694,9		11	N	N61c	21075N61c	EGWO	41	41	0	8	7,859.686	3,989.588	0.55	9.35
3733,101	2477,591		21091F83a	EGWO	35	3733,101	2396,922		55	F	F83a	21091F83a	EGWO	31	33	2	4	3,112.304	2,299.736	2.65	5.45
2720,542	3209,609		21091F83a	STWO	5	2720,542	3017,559		93	F	F83a	21091F83a	STWO	7	5	-2	-2	3,112.304	3,144.662	-1.55	-2.35
6435,187	4062,887		21113M30	STWO	48	6435,187	3204,633		39	M	M30a	21113M30a	STWO	38	36	-2	10	6,277.225	3,989.588	-1.55	9.35
6480,156	4048,777		21113M30	STWO	49	6480,156	3198,145		6	M	M30b	21113M30b	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
6124,893	4075,456		21121M30	STWO	45	6124,893	3363,506		71	M	M30a	21121M30a	STWO	38	33	-5	7	6,277.225	3,989.588	-5.75	5.45
4824,835	3300,032		21148N65c	EGWO	31	4824,835	3321,697		20	N	N65c	21148N65c	EGWO	29	31	2	2	4,694.765	3,144.662	2.65	1.55
7025,641	3884,959		21156M55	EGWO	49	7025,641	4536,734		1	M	M55g	21156M55g	EGWO	47	49	2	2	6,277.225	3,989.588	2.65	1.55
6094,6			21156M55	EGWO	49	6094,6			2	M	M55h	21156M55h	EGWO		49			6,277.225			
5329,545	3635,298		21156M55	STWO	41	5329,545	2636,11		2	M	M55h	21156M55h	STWO	31	31	0	10	4,694.765	3,567.125	0.55	9.35
6136,38	3816,673		21156M56	STWO	49	6136,38	2625,133		8	M	M56c	21156M56c	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
12293,33			21156M56	EGWO		12293,33			1	M	M56d	21156M56d	EGWO					12,607.067			
5695,098	3669,808		21156M56	STWO	43	5695,098	2538,998		36	M	M56d	21156M56d	STWO	35	35	0	8	6,277.225	3,567.125	0.55	9.35
6684,547	3730,039		21156M57	EGWO		6684,547	3716,848		3	M	M57b	21156M57b	EGWO					6,277.225	3,567.125		
2715,343	2966,553		21172T94r	STWO	5	2715,343	2986,885		358	T	T94n	21172T94n	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
6928,277	4230,6		21180K54c	STWO	49	6928,277	3467,655		148	K	K54c	21180K54c	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
6630,645	4240,036		21199A00c	STWO	36	6630,645	4246,148		10	A	A00d	21199A00d	STWO	42	38	-4	-6	6,277.225	4,412.051	-3.65	-6.25
6443,75	3327,603		21202K25a	EGWO	43	6443,75	3797,028		1	K	K25a	21202K25a	EGWO	46	48	2	-3	6,277.225	3,144.662	2.65	-2.35
7595,586	4420,331		21202K25a	STWO	49	7595,586	3663,644		147	K	K25a	21202K25a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
6848,909	3538,129		21202K25b	EGWO		6848,909	3930,107		2	K	K25b	21202K25b	EGWO					6,277.225	3,567.125		
7907,008	4561,98		21202K25b	STWO	49	7907,008	3940,16		125	K	K25b	21202K25b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
4566	2702,023		21210N70b	EGWO	47	4566	2419,678		17	N	N70b	21210N70b	EGWO	38	41	3	9	4,694.765	2,722.199	2.65	9.35
6356,761	3775,755		21229N62b	EGWO	40	6356,761	3802,091		32	N	N62b	21229N62b	EGWO	35	40	5	5	6,277.225	3,567.125	4.75	5.45
6941,386	4085,489		21245E17a	STWO	49	6941,386	2978,098		7	E	E17a	21245E17a	STWO	44	41	-3	5	6,277.225	3,989.588	-3.65	5.45
7335,124	4270,661		21253E18a	STWO	49	7335,124	3435,104		37	E	E18a	21253E18a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7829,887	4939,234		21253E18b	STWO	43	7829,887	4828,976		22	E	E18b	21253E18b	STWO	36	37	1	7	7,859.686	4,834.514	0.55	5.45
5026,341	3628,373		21288F87c	STWO	30	5026,341	3141,984		51	F	F87d	21288F87d	STWO	20	20	0	10	4,694.765	3,567.125	0.55	9.35
5119,048			21296F81c	EGWO	42	5119,048			1	F	F81c	21296F81c	EGWO	36	41	5	6	4,694.765		4.75	5.45
6967,187	3560,956		21318A09i	EGWO	45	6967,187	3757,305		11	A	A09i	21318A09i	EGWO	47	49	2	-2	6,277.225	3,567.125	2.65	-2.35
6717,855	4277,53		21318A09i	STWO	39	6717,855	4161,063		154	A	A09i	21318A09i	STWO	39	37	-2	0	6,277.225	4,412.051	-1.55	1.55
5643,031	3259,557		21342M30	EGWO	44	5643,031	3800,007		6	M	M30b	21342M30b	EGWO	44	45	1	0	6,277.225	3,144.662	0.55	1.55
6803,59	4165,215		21342M30	STWO	48	6803,59	3544,548		84	M	M30b	21342M30b	STWO	41	39	-2	7	6,277.225	3,989.588	-1.55	5.45
6250,212	3980,563		21350M56	STWO	49	6250,212	3116,396		45	M	M56c	21350M56c	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
3913,214	3412,241		21369F78c	STWO	11	3913,214	3479,938		100	F	F78c	21369F78c	STWO	11	13	2	0	4,694.765	3,567.125	2.65	1.55
7052,385	4417,622		21377M31	STWO	47	7052,385	3720,318		41	M	M31a	21377M31a	STWO	39	37	-2	8	6,277.225	4,412.051	-1.55	9.35
5615,094	4013,458		21385M57	STWO	44	5615,094	3167,68		4	M	M57a	21385M57a	STWO	29	29	0	15	6,277.225	3,989.588	0.55	13.25
5694,058			21393K90c	STWO	31	5694,058	3928,03		33	K	K90d	21393K90d	STWO	30	25	-5	1	6,277.225		-5.75	1.55
5416,815	3360,937		21407N67c	EGWO	34	5416,815	3583,857		51	N	N67a	21407N67a	EGWO	33	37	4	1	4,694.765	3,567.125	4.75	1.55
5320,109	3622,628		21407N67c	STWO	32	5320,109	2314,119		6	N	N67a	21407N67a	STWO	19	18	-1	13	4,694.765	3,567.125	-1.55	13.25
4529,718	2650,356		21431N69c	EGWO	46	4529,718	2448,864		17	N	N69a	21431N69a	EGWO	39	41	2	7	4,694.765	2,722.199	2.65	5.45
6589,125	4074,738		21474A00c	STWO	36	6589,125	3955,978		7	A	A00d	21474A00d	STWO	42	38	-4	-6	6,277.225	3,989.588	-3.65	-6.25
8455,363	4196,476		21482A02a	EGWO	46	8455,363	4268,57		15	A	A02a	21482A02a	EGWO	49	49	0	-3	7,859.686	3,989.588	0.55	-2.35
7632,844	4623,736		21482A02a	STWO	41	7632,844	4803,547		87	A	A02a	21482A02a	STWO	44	39	-5	-3	7,859.686	4,834.514	-5.75	-2.35
7124,811	4562,065		21490M31	STWO	46	7124,811	3762,7		24	M	M31b	21490M31b	STWO	38	36	-2	8	7,859.686	4,412.051	-1.55	9.35
3508,379	3369,435		21512F83a	STWO	5	3508,379	3441,948		819	F	F83a	21512F83a	STWO	7	5	-2	-2	3,112.304	3,567.125	-1.55	-2.35
6130,775	4070,831		21520E38c	STWO	49	6130,775	3120,287		161	E	E38c	21520E38c	STWO	36	33	-3	13	6,277.225	3,989.588	-3.65	13.25
6664,975	2857,99		21539M56	EGWO	49	6664,975	2462,774		1	M	M56b	21539M56b	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6757,682	3935,058		21539M56	STWO	49	6757,682	2773,666		101	M	M56b	21539M56b	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
7647,476	4096,905		21547K46a	STWO	49	7647,476	2503,526		10	K	K46a	21547K46a	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
5323,643	3044,105		21563N60b	EGWO	44	5323,643	3003,754		36	N	N60b	21563N60b	EGWO	40	43	3	4	4,694.765	3,144.662	2.65	5.45
5156,765	3729,247		21563N60b	STWO	37	5156,765	3224,464		28	N	N60b	21563N60b	STWO	26	27	1	11	4,694.765	3,567.125	0.55	9.35
4281,665	3571,218		21563N60c	STWO	30	4281,665	2964,577		23	N	N60c	21563N60c	STWO	18	16	-2	12	4,694.765	3,567.125	-1.55	13.25
5317,973	4112,568		21571E39c	STWO	23	5317,973	4565,62		80	E	E39d	21571E39d	STWO	25	21	-4	-2	4,694.765	3,989.588	-3.65	-2.35
8103,726	3640,747		21598A06g	EGWO	48	8103,726	4223,845		15	A	A06g	21598A06g	EGWO	49	49	0	-1	7,859.686	3,567.125	0.55	-2.35
7777,19	4592,741		21598A06g	STWO	42	7777,19	4549,484		259	A	A06g	21598A06g	STWO	44	42	-2	-2	7,859.686	4,412.051	-1.55	-2.35
6988,619	3516,219		21601A06g	EGWO	45	6988,619	4151,953		3	A	A06g	21601A06g	EGWO	49	49	0	-4	6,277.225	3,567.125	0.55	-2.35
7768,013	4678,277		21601A06g	STWO	37	7768,013	4890,275		192	A	A06g	21601A06g	STWO	42	39	-3	-5	7,859.686	4,834.514	-3.65	-6.25
3288,174	3245,94		21660F82c	STWO	9	3288,174	3204,718		131	F	F82c	21660F82c	STWO	6	5	-1	3	3,112.304	3,144.662	-1.55	1.55
4476,698	3735,349		21687F78c	STWO	12	4476,698	3957,398		76	F	F78c	21687F78c	STWO	14	18	4	-2	4,694.765	3,567.125	4.75	-2.35
5867,781	2973,606		21717N64c	EGWO	49	5867,781	2714,553		34	N	N64c	21717N64c	EGWO	47	49	2	2	6,277.225	3,144.662	2.65	1.55
5109,07	3698,328		21733E37c	STWO	38	5109,07	3171,869		24	E	E37c	21733E37c	STWO	25	29	4	13	4,694.765	3,567.125	4.75	13.25
4843,133	3729,097		21733E39c	STWO	33	4843,133	3209,192		148	E	E39c	21733E39c	STWO		28			4,694.765	3,567.125		
4809,992	3737,454		21733E39c	STWO	28	4809,992	3310,196		73	E	E39d	21733E39d	STWO	26	25	-1	2	4,694.765	3,567.125	-1.55	1.55
7104,962	3066,352		21741M27	EGWO	49	7104,962	2407,477		4	M	M27a	21741M27a	EGWO					7,859.686	3,144.662		
6698,022	4123,495		21741M27	STWO	49	6698,022	3186,123		21	M	M27a	21741M27a	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
5127,684	3892,61		21768N61b	STWO	29	5127,684	3674,381		43	N	N61b	21768N61b	STWO	26	23	-3	3	4,694.765	3,989.588	-3.65	1.55
6780,267	4176,1		21776K44e	STWO	49	6780,267	3367,152		107	K	K44e	21776K44e	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
5809,302	2670,546		21784K44e	EGWO	49	5809,302	2432,578		1	K	K44e	21784K44e	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
7336,352	4262,86		21784K44e	STWO	49	7336,352	3398,968		245	K	K44e	21784K44e	STWO	43	42	-1	6	7,859.686	4,412.051	-1.55	5.45
5094,225	2716,19		21792F77f	EGWO	38	5094,225	2677,935		12	F	F77f	21792F77f	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
3260,87	3084,603		21792F77f	STWO	16	3260,87	2181,24		1	F	F77f	21792F77f	STWO	14	14	0	2	3,112.304	3,144.662	0.55	1.55
5681,17	3842,934		21806A00b	STWO	31	5681,17	3876,848		7	A	A00b	21806A00b	STWO	37	32	-5	-6	6,277.225	3,989.588	-5.75	-6.25
8399,394	3705,827		21814A02d	EGWO	49	8399,394	3853,329		15	A	A02d	21814A02d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7608,436	4363,184		21814A02d	STWO	48	7608,436	3943,952		28	A	A02d	21814A02d	STWO	48	43	-5	0	7,859.686	4,412.051	-5.75	1.55
8007,963	3739,297		21814A03g	EGWO	49	8007,963	3849,025		15	A	A03g	21814A03g	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7594,723	4408,116		21814A03g	STWO	46	7594,723	4130,475		28	A	A03g	21814A03g	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
7503,671	3709,757		21814A06h	EGWO	49	7503,671	3707,227		5	A	A06h	21814A06h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8105,418	4455,957		21814A06h	STWO	47	8105,418	4330,803		50	A	A06h	21814A06h	STWO	47	45	-2	0	7,859.686	4,412.051	-1.55	1.55
6941,672	4228,032		21814A06j	STWO	39	6941,672	4184,77		4	A	A06j	21814A06j	STWO	40	36	-4	-1	6,277.225	4,412.051	-3.65	-2.35
8991,934	4210,042		21814A07a	EGWO	46	8991,934	4566,576		4	A	A07a	21814A07a	EGWO	49	49	0	-3	9,442.146	4,412.051	0.55	-2.35
7367,257	4358,115		21814A07a	STWO	43	7367,257	3929,605		5	A	A07a	21814A07a	STWO	45	39	-6	-2	7,859.686	4,412.051	-5.75	-2.35
6262,535	4060,243		21814A07b	STWO	34	6262,535	4129,908		11	A	A07b	21814A07b	STWO	41	35	-6	-7	6,277.225	3,989.588	-5.75	-6.25
6615,287	4166,332		21822A06j	STWO	36	6615,287	4245,458		81	A	A06j	21822A06j	STWO	42	37	-5	-6	6,277.225	3,989.588	-5.75	-6.25
6550,96	4031,592		21822A07b	STWO	36	6550,96	3941,018		47	A	A07b	21822A07b	STWO	39	34	-5	-3	6,277.225	3,989.588	-5.75	-2.35
7094,15	4766,227		21822A07c	STWO	38	7094,15	4486,177		5	A	A07d	21822A07d	STWO	42	38	-4	-4	7,859.686	4,834.514	-3.65	-2.35
8399,074	4358,261		21830A07c	EGWO	49	8399,074	4821,11		3	A	A07c	21830A07c	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
7101,78	4474,487		21830A07c	STWO	38	7101,78	4438,731		65	A	A07c	21830A07c	STWO	40	37	-3	-2	7,859.686	4,412.051	-3.65	-2.35
7282,811	4343,489		21849A07a	STWO	38	7282,811	4678,414		10	A	A07a	21849A07a	STWO	43	39	-4	-5	7,859.686	4,412.051	-3.65	-6.25
6612,424	4127,075		21849A07c	STWO	37	6612,424	3888,483		8	A	A07c	21849A07c	STWO	42	38	-4	-5	6,277.225	3,989.588	-3.65	-6.25
7146,667	4302,986		21849A07c	STWO	41	7146,667	4419,363		1	A	A07d	21849A07d	STWO	42	38	-4	-1	7,859.686	4,412.051	-3.65	-2.35
7283,458	4360,332		21857A03a	STWO	43	7283,458	4178,796		12	A	A03a	21857A03a	STWO	42	40	-2	1	7,859.686	4,412.051	-1.55	1.55
6990,178	4182,095		21857A03g	STWO	44	6990,178	3885,51		15	A	A03g	21857A03g	STWO	42	39	-3	2	6,277.225	3,989.588	-3.65	1.55
7264,711	4452,457		21857A07a	STWO	38	7264,711	4750,04		15	A	A07a	21857A07a	STWO	43	39	-4	-5	7,859.686	4,412.051	-3.65	-6.25
6225,524	4026,124		21857A07c	STWO	37	6225,524	3753,308		4	A	A07c	21857A07c	STWO	41	38	-3	-4	6,277.225	3,989.588	-3.65	-2.35
7126,856	4258,448		21865K44b	STWO	49	7126,856	3469,125		121	K	K44b	21865K44b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
6739,757	4085,364		21873K44d	STWO	49	6739,757	3102,634		120	K	K44d	21873K44d	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
6694,791	3994,375		21881K52d	STWO	49	6694,791	2917,545		163	K	K52d	21881K52d	STWO	40	40	0	9	6,277.225	3,989.588	0.55	9.35
6315,471	3951,267		21881K54a	STWO	46	6315,471	3429,613		42	K	K54a	21881K54a	STWO	40	38	-2	6	6,277.225	3,989.588	-1.55	5.45
7728,431	3655,729		21903A02b	EGWO	49	7728,431	3678,675		13	A	A02b	21903A02b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8053,371	4515,55		21903A02b	STWO	47	8053,371	4264,948		99	A	A02b	21903A02b	STWO	49	44	-5	-2	7,859.686	4,412.051	-5.75	-2.35

7440,326	4054,78	[redacted]	21954K49c	STWO	49	7440,326	2641,327	[redacted]	31	K	K49d	21954K49d	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
8028,707	4878,512		21997A08a	STWO	34	8028,707	5407,112		15	A	A08a	21997A08a	STWO	41	39	-2	-7	7,859.686	4,834.514	-1.55	-6.25
7530,614	4561,757		22004A08e	STWO	43	7530,614	4325,442		32	A	A08e	22004A08e	STWO	43	39	-4	0	7,859.686	4,412.051	-3.65	1.55
5974,286	3898,098		22012M33	STWO	39	5974,286	3187,552		49	M	M33d	22012M33d	STWO	38	35	-3	1	6,277.225	3,989.588	-3.65	1.55
4814,708	3866,439		22047F76b	STWO	5	4814,708	4906,424		56	F	F76b	22047F76b	STWO	12	13	1	-7	4,694.765	3,989.588	0.55	-6.25
6388,977	4272,637		22055N60a	EGWO	37	6388,977	4035,187		37	N	N60a	22055N60a	EGWO	32	33	1	5	6,277.225	4,412.051	0.55	5.45
7790,419	3623,832		22101A07e	EGWO	46	7790,419	4065,54		1	A	A07a	22101A07a	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	-2.35
7966,638	4753,271		22101A07a	STWO	42	7966,638	4589,81		91	A	A07a	22101A07a	STWO	43	40	-3	-1	7,859.686	4,834.514	-3.65	-2.35
7742,144	3744,721		22101A07c	EGWO	45	7742,144	4167,697		13	A	A07c	22101A07c	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
7243,912	4515,345		22101A07c	STWO	35	7243,912	4708,592		248	A	A07c	22101A07c	STWO	40	37	-3	-5	7,859.686	4,412.051	-3.65	-6.25
7120,765	4567,727		22128A00a	STWO	25	7120,765	5477,319		35	A	A00a	22128A00a	STWO	39	34	-5	-14	7,859.686	4,412.051	-5.75	-14.05
6148,162	4157,034		22128A00b	STWO	25	6148,162	4652,988		21	A	A00b	22128A00b	STWO	36	31	-5	-11	6,277.225	3,989.588	-5.75	-10.15
4264,998	3057,196		22136T98a	EGWO	20	4304,353	3388,504		39	T	T98a	22136T98a	EGWO	23	27	4	-3	4,694.765	3,144.662	4.75	-2.35
4734,442	3517,109		22136T98a	STWO	29	4734,442	2456,051		14	T	T98a	22136T98a	STWO	22	24	2	7	4,694.765	3,567.125	2.65	5.45
6514,51	3915,923		22144N61c	EGWO	46	6514,51	3498,753		32	N	N61c	22144N61c	EGWO	40	40	0	6	6,277.225	3,989.588	0.55	5.45
7134,687	3503,482		22179N73b	EGWO	45	7134,687	3577,344		17	N	N73b	22179N73b	EGWO	40	45	5	5	7,859.686	3,567.125	4.75	5.45
8469,027	4091,052		22217A06a	EGWO	40	8469,027	4758,314		1	A	A06a	22217A06a	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
7708,102	4632,84		22217A06a	STWO	39	7708,102	4896,303		53	A	A06a	22217A06a	STWO	44	41	-3	-5	7,859.686	4,834.514	-3.65	-6.25
7090,833	3593,335		22217A06c	EGWO	44	7090,833	4132,124		4	A	A06c	22217A06c	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	-6.25
8044,853	4527,109		22217A06c	STWO	40	8044,853	4874,216		52	A	A06c	22217A06c	STWO	43	41	-2	-3	7,859.686	4,412.051	-1.55	-2.35
7707,338	4609,59		22217A06g	STWO	42	7707,338	4593,419		125	A	A06g	22217A06g	STWO	44	41	-3	-2	7,859.686	4,412.051	-3.65	-2.35
8114,851	4438,997		22217A06h	STWO	49	8114,851	3730,346		53	A	A06h	22217A06h	STWO	46	45	-1	3	7,859.686	4,412.051	-1.55	1.55
9974,576			22217A06k	EGWO	45	9974,576			1	A	A06k	22217A06k	EGWO	49	49	0	-4	9,442.146		0.55	-2.35
7796,616	4586,704		22217A06k	STWO	42	7796,616	4683,363		41	A	A06k	22217A06k	STWO	46	43	-3	-4	7,859.686	4,412.051	-3.65	-2.35
7857,722	3858,839		22217A06l	EGWO	43	7857,722	4564,602		4	A	A06l	22217A06l	EGWO	49	49	0	-6	7,859.686	3,989.588	0.55	-6.25
8530,954	4811,7		22217A06l	STWO	44	8530,954	4776,002		46	A	A06l	22217A06l	STWO	46	43	-3	-2	7,859.686	4,834.514	-3.65	-2.35
7315,635	4443,908		22217A07a	STWO	48	7315,635	3797,95		17	A	A07a	22217A07a	STWO	42	39	-3	6	7,859.686	4,412.051	-3.65	5.45
8437,167	4180,277		22217A07c	EGWO	49	8437,167	4607,123		4	A	A07c	22217A07c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7411,627	4499,277		22217A07c	STWO	37	7411,627	4750,105		50	A	A07c	22217A07c	STWO	42	39	-3	-5	7,859.686	4,412.051	-3.65	-6.25
9922,519	4141,519		22217A07e	EGWO	49	9922,519	4309,534		12	A	A07e	22217A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7766,67	4577,295		22217A07e	STWO	44	7766,67	4336,515		163	A	A07e	22217A07e	STWO	44	41	-3	0	7,859.686	4,412.051	-3.65	1.55
7456,13	4656,55		22225A01c	STWO	28	7456,13	5295,647		12	A	A01d	22225A01d	STWO	40	36	-4	-12	7,859.686	4,834.514	-3.65	-10.15
7693,66	3359,729		22233A06g	EGWO	49	7693,66	3384,524		8	A	A06g	22233A06g	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7055,577	4336,127		22233A06g	STWO	45	7055,577	3824,425		8	A	A06g	22233A06g	STWO	42	38	-4	3	6,277.225	4,412.051	-3.65	1.55
6917,461	4595,377		22241A09e	STWO	22	6917,461	5578,161		28	A	A09e	22241A09e	STWO	33	32	-1	-11	6,277.225	4,412.051	-1.55	-10.15
7323,434	3673,295		22322A06a	EGWO	41	7323,434	4304,514		6	A	A06a	22322A06a	EGWO	48	49	1	-7	7,859.686	3,567.125	0.55	-6.25
7565,609	4538,549		22322A06a	STWO	39	7565,609	4627,394		137	A	A06a	22322A06a	STWO	42	40	-2	-3	7,859.686	4,412.051	-1.55	-2.35
7551,067	3646,748		22322A06k	EGWO	46	7551,067	4040,108		12	A	A06k	22322A06k	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	-2.35
8077,08	4667,199		22322A06k	STWO	39	8077,08	4880,223		154	A	A06k	22322A06k	STWO	44	41	-3	-5	7,859.686	4,834.514	-3.65	-6.25
7593,158	3627,123		22330A06k	EGWO	46	7593,158	4027,956		13	A	A06k	22330A06k	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	-2.35
7671,67	4544,444		22330A06k	STWO	41	7671,67	4566,005		73	A	A06k	22330A06k	STWO	44	40	-4	-3	7,859.686	4,412.051	-3.65	-2.35
8002,258	4098,247		22349M56a	EGWO	48	8002,258	4065,356		19	M	M56a	22349M56a	EGWO	47	49	2	1	7,859.686	3,989.588	2.65	1.55
7596,686	4429,148		22349M56a	STWO	49	7596,686	3645,637		5	M	M56a	22349M56a	STWO	42	42	0	7	7,859.686	4,412.051	0.55	5.45
6623,732	2875,412		22357M56a	EGWO	49	6623,732	2592,405		7	M	M56a	22357M56a	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6748,856	3952,588		22357M56a	STWO	49	6748,856	2832,327		122	M	M56a	22357M56a	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
7736,111	3684,857		22365M56a	EGWO	49	7736,111	3293,486		1	M	M56a	22365M56a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6956,96	4045,289		22365M56a	STWO	49	6956,96	3004,697		115	M	M56a	22365M56a	STWO	42	42	0	7	6,277.225	3,989.588	0.55	5.45
6456,161	3171,778		22373M56a	EGWO	48	6456,161	3322,881		9	M	M56a	22373M56a	EGWO	49	49	0	-1	6,277.225	3,144.662	0.55	-2.35
6627,779	3976,604		22373M56a	STWO	49	6627,779	2890,112		226	M	M56a	22373M56a	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6506,763	3035,047		22373M56b	EGWO	49	6506,763	3169,557		17	M	M56b	22373M56b	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6907,409	4107,684		22373M56b	STWO	49	6907,409	3131,186		58	M	M56b	22373M56b	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
6484,03	3906,152		22373M56c	STWO	49	6484,03	2817,985		121	M	M56c	22373M56c	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
6024,537	3944,384		22403M28a	STWO	48	6024,537	3047,266		43	M	M28c	22403M28c	STWO	39	35	-4	9	6,277.225	3,989.588	-3.65	9.35
6483,922	4049,281		22403M29a	STWO	47	6483,922	3237,365		62	M	M29a	22403M29a	STWO	41	37	-4	6	6,277.225	3,989.588	-3.65	5.45
4793,735	2668,433		22403M29a	EGWO		4793,735	3310,912		2	M	M29b	22403M29b	EGWO					4,694.765	2,722.199		
6938,246	4034,008		22403M29a	STWO	49	6938,246	3208,036		183	M	M29b	22403M29b	STWO	41	37	-4	8	6,277.225	3,989.588	-3.65	9.35
6282,265	4002,957		22403M29c	STWO	46	6282,265	3201,665		36	M	M29c	22403M29c	STWO	40	36	-4	6	6,277.225	3,989.588	-3.65	5.45
6679,337	4112,855		22403M30a	STWO	49	6679,337	3366,145		87	M	M30b	22403M30b	STWO	39	38	-1	10	6,277.225	3,989.588	-1.55	9.35
4370,652	2726,922		22489F89a	EGWO	41	4370,652	2505,478		54	F	F89a	22489F89a	EGWO	31	37	6	10	4,694.765	2,722.199	6.85	9.35
6556,664	4099,327		22500E75b	STWO	47	6556,664	3484,517		70	E	E75b	22500E75b	STWO	39	37	-2	8	6,277.225	3,989.588	-1.55	9.35
7565,58	4539,55		22519E16a	STWO	49	7565,58	3837,209		60	E	E16a	22519E16a	STWO	40	38	-2	9	7,859.686	4,412.051	-1.55	9.35
5324,348	3869,727		22543K90a	STWO	27	5324,348	3869,587		162	K	K90a	22543K90a	STWO	32	26	-6	-5	4,694.765	3,989.588	-5.75	-6.25
4721,703	2811,182		22586N70a	EGWO	43	4721,703	2711,002		12	N	N70a	22586N70a	EGWO	38	40	2	5	4,694.765	2,722.199	2.65	5.45
3859,398	3613,189		22586N70a	STWO	5	3859,398	3903,317		65	N	N70a	22586N70a	STWO	7	8	1	-2	3,112.304	3,567.125	0.55	-2.35
7669,691	4202,747		22608K46b	STWO	49	7669,691	2739,158		242	K	K46b	22608K46b	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
6251,721	3902,59		22616M31a	STWO	47	6251,721	3151,233		19	M	M31a	22616M31a	STWO	39	38	-1	8	6,277.225	3,989.588	-1.55	9.35
4882,087	2823,781		22624N70a	EGWO	44	4882,087	2742,892		15	N	N70a	22624N70a	EGWO	41	42	1	3	4,694.765	2,722.199	0.55	1.55
4170,712	3699,24		22624N70a	STWO	5	4170,712	4098,061		80	N	N70a	22624N70a	STWO	9	11	2	-4	4,694.765	3,567.125	2.65	-2.35
8366,667	4062,961		22632A06g	EGWO	45	8366,667	4920,07		1	A	A06g	22632A06g	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
7971,871	4551,978		22632A06g	STWO	40	7971,871	4441,535		79	A	A06g	22632A06g	STWO	45	43	-2	-5	7,859.686	4,412.051	-1.55	-6.25
8047,161	4386,085		22632A06h	STWO	49	8047,161	3732,018		58	A	A06h	22632A06h	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
4701,595	3690,301		22640F87c	STWO	30	4701,595	3080,693		92	F	F87d	22640F87d	STWO	20	20	0	10	4,694.765	3,567.125	0.55	9.35
7087,128	4422,178		22659E19c	STWO	45	7087,128	3865,238		81	E	E19c	22659E19c	STWO	40	37	-3	5	7,859.686	4,412.051	-3.65	5.45
4138,439	3428,19		22667K90a	STWO	30	4138,439	2867,925		120	K	K90a	22667K90a	STWO	27	23	-4	3	4,694.765	3,567.125	-3.65	1.55
6437,901	4035,245		22675M56a	STWO	49	6437,901	3179,707		49	M	M56c	22675M56c	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
7035,037	3218,836		22683M55a	EGWO	49	7035,037	3033,392		15	M	M55h	22683M55h	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5905,376	4055,596		22691E38c	STWO	46	5905,376	3182,091		84	E	E38c	22691E38c	STWO	34	31	-3	12	6,277.225	3,989.588	-3.65	13.25
4294,548	3765,35		22705F76a	STWO	7	4294,548	4044,661		107	F	F76a	22705F76a	STWO	8	12	4	-1	4,694.765	3,567.125	4.75	-2.35
4891,459	2707,322		22713F86a	EGWO	46	4891,459	2616,444		20	F	F86a	22713F86a	EGWO	42	44	2	4	4,694.765	2,722.199	2.65	5.45
4966,102	3414,902		22713F86a	STWO	23	4966,102	3802,646		1	F	F86a	22713F86a	STWO	19	20	1	4	4,694.765	3,567.125	0.55	5.45
1720,71			22748F89a	STWO	18	1720,71			96	F	F89a	22748F89a	STWO	18	18	0	0	1,529.844		0.55	1.55
4577,87	3774,535		22756F89a	STWO	13	4577,87	3990,878		22	F	F89a	22756F89a	STWO	16	18	2	-3	4,694.765	3,567.125	2.65	-2.35
4464,796	3135,262		22764F77a	EGWO	27	4464,796	3260,073		31	F	F77a	22764F77a	EGWO	24	30	6	3	4,694.765	3,144.662	6.85	1.55
3950,655	3720,983		22772F81e	STWO	5	3950,655	4380,101		67	F	F81e	22772F81e	STWO	8	7	-1	-3	4,694.765	3,567.125	-1.55	-2.35
4339,818	2868,235		22799F76a	EGWO	36	4339,818	2802,067		10	F	F76a	22799F76a	EGWO	29	34	5	7	4,694.765	2,722.199	4.75	5.45
3661,679	3706,815		22810F81e	STWO	7	3661,679	3209,75		14	F	F81e	22810F81e	STWO	8	7	-1	-1	3,112.304	3,567.125	-1.55	-2.35
6371,594	4206,232		22829E37g	STWO	48	6382,779	3257,66		64	E	E37g	22829E37g	STWO	36	34	-2	12	6,277.225	4,412.051	-1.55	13.25
3845,554	4261,504		22837F89c	STWO	17	3845,554	3861,741		138	F	F89d	22837F89d	STWO	11	12	1	6	3,112.304	4,412.051	0.55	5.45
6098,118	4115,066		22845E37c	STWO	44	6098,118	3214,848		175	E	E37c	22845E37c	STWO	35	32	-3	9	6,277.225	3,989.588	-3.65	9.35
6502,817	4001,815		22861E40b	STWO	49	6502,817	2889,25		185	E	E40b	22861E40b	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
6270,662			22926F80b	EGWO	21	6270,662	3761,773		6	F	F80b	22926F80b	EGWO	24	28	4	-3	6,277.225		4.75	-2.35
6303,866	4782,446		22926F80c	EGWO	31	6303,866	4412,207		4	F	F80c	22926F80c	EGWO		32			6,277.225	4,834.514		
6706,869	4236,044		22934K25c	STWO	41	6706,869	3994,141		163	K	K25c	22934K25c	STWO	39	37	-2	2	6,277.225	4,412.051	-1.55	1.55
8309,509	3889,529		22934K26a	EGWO	49	8438,944	3546,836		40	K	K26a	22934K26a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
6736,375	4159,776		22934K26a	STWO	49	6736,375	3326,754		84	K	K26a	22934K26a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
7157,292	4328,996		22934K26b	STWO	44	7157,292	4318,129		116	K	K26b	22934K26b	STWO	41	38	-3	3	7,859.686	4,412.051	-3.65	1.55
7033,957	4262,292		22934K26c	STWO	49	7033,957	3472,547		76	K	K26c	22934K26c	STWO	42	39	-3	7	6,277.225	4,412.051	-3.65	5.45
7452,017	4407,55		22942E14f	STWO	49	7452,017	3604,88		23	E	E14f	22942E14f	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6339,302	3941,837		22969E40b	STWO	49	6374,141	2717,93		166	E	E40b	22969E40b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
8534,793	4305,692		22985A07h	EGWO	49	8534,793	3865,825		7	A	A07h	22985A07h	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
7575,307	4418,312		22985A07h	STWO	49	7575,307	3690,507		32	A	A07h	22985A07h	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
4982,043	3499,66		22993N65b	EGWO	31	4982,043	3440,885		23	N	N65b	22993N65b	EGWO	27	30	3	4	4,694.765	3,567.125	2.65	5.45
4425	3948,861		22993N65b	STWO	30	4425	3406,532		1	N	N65b	22993N65b	STWO	18	17	-1	12	4,694.765	3,989.588	-1.55	13.25

4539,236	3710,143	[redacted]	23000F87c	STWO	23	4535,803	3478,002	[redacted]	328	F	F87d	23000F87d	STWO	19	18	-1	4	4,694.765	3,567.125	-1.55	5.45
6546,752	3941,391		23019K52b	STWO	49	6546,752	2838,446		154	K	K52b	23019K52b	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
6608,656	3966,521		23019K52c	STWO	49	6608,656	2871,498		104	K	K52c	23019K52c	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
6760,87	3559,001		23035A06l	EGWO	43	6760,87	3440,732		2	A	A06l	23035A06l	EGWO	49	49	0	-6	6,277.225	3,567.125	0.55	-6.25
7481,052	4491,72		23035A06l	STWO	43	7481,052	3924,388		30	A	A06l	23035A06l	STWO	43	40	-3	0	7,859.686	4,412.051	-3.65	1.55
6731,875	4147,643		23043M31	STWO	47	6623,123	3525,518		256	M	M31a	23043M31a	STWO	39	37	-2	8	6,277.225	3,989.588	-1.55	9.35
6575,076	4229,158		23051E42a	STWO	46	6575,076	3558,414		59	E	E42a	23051E42a	STWO	38	36	-2	8	6,277.225	4,412.051	-1.55	9.35
7211,051	4362,87		23051E42b	STWO	48	7211,051	3741,362		32	E	E42b	23051E42b	STWO	41	39	-2	7	7,859.686	4,412.051	-1.55	5.45
6547,753	4118,133		23078E42b	STWO	49	6547,753	3295,035		57	E	E42b	23078E42b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
4672,011	2667,401		23108N60a	EGWO	43	4672,011	2432,011		14	N	N60a	23108N60a	EGWO	37	39	2	6	4,694.765	2,722.199	2.65	5.45
6518,611	4122,28		23159M32	STWO	41	6518,611	3625,019		122	M	M32a	23159M32a	STWO	39	37	-2	2	6,277.225	3,989.588	-1.55	1.55
5436,987	3871,671		23175N60a	STWO	36	5436,987	3407,767		12	N	N60a	23175N60a	STWO	28	27	-1	8	4,694.765	3,989.588	-1.55	9.35
4769,232	3285,782		23183N65c	EGWO	32	4769,232	3250,842		28	N	N65c	23183N65c	EGWO	29	31	2	3	4,694.765	3,144.662	2.65	1.55
4847,508	4073,423		23183N65c	STWO	18	4847,508	3557,571		52	N	N65c	23183N65c	STWO	18	16	-2	0	4,694.765	3,989.588	-1.55	1.55
6426,585	4164,999		23191A01e	STWO	33	6425,585	4312,672		11	A	A01e	23191A01e	STWO	40	35	-5	-7	6,277.225	3,989.588	-5.75	-6.25
7051,068	4387,814		23205A08a	STWO	38	7051,068	4433,13		5	A	A08a	23205A08a	STWO	43	38	-5	-5	6,277.225	4,412.051	-5.75	-6.25
3558,779	2829,356		23221F81e	EGWO	23	3558,779	3005,258		22	F	F81e	23221F81e	EGWO	23	25	2	0	3,112.304	2,722.199	2.65	1.55
7682,856	4593,538		23248K48b	STWO	49	7682,856	3957,333		30	K	K48b	23248K48b	STWO	44	40	-4	5	7,859.686	4,412.051	-3.65	5.45
7095,23	4483,14		23248K48c	STWO	47	7095,23	3777,724		29	K	K48c	23248K48c	STWO	41	37	-4	6	7,859.686	4,412.051	-3.65	5.45
7011,098	4295,878		23264E41e	STWO	49	7011,098	3454,502		166	E	E41a	23264E41a	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
6820,882	4322,833		23264E42a	STWO	47	6820,882	3624,072		135	E	E42a	23264E42a	STWO	39	37	-2	8	6,277.225	4,412.051	-1.55	9.35
6752,406	4183,81		23264E42b	STWO	49	6752,406	3419,806		207	E	E42b	23264E42b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6465,015	4050,56		23272M56	STWO	49	6465,015	3201,962		49	M	M56c	23272M56c	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
7268,632	4251,737		23280M27	STWO	49	7268,632	3387,961		128	M	M27b	23280M27b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
4638,581	2589,391		23299F81e	EGWO	33	4638,581	2491,797		11	F	F81e	23299F81e	EGWO	33	35	2	0	4,694.765	2,722.199	2.65	1.55
4644,068	3706,604		23299F81e	STWO	7	4644,068	3191,561		1	F	F81e	23299F81e	STWO	8	7	-1	-1	4,694.765	3,567.125	-1.55	-2.35
6006,458	3959,021		23329E38c	STWO	49	6006,458	2919,029		11	E	E38c	23329E38c	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
7205,279	3047,085		23388M56	EGWO	49	7205,279	2757,787		12	M	M56c	23388M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6501,421	3854,996		23388M56	STWO	49	6501,421	2658,198		67	M	M56c	23388M56c	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6303,97	3842,183		23396M56	STWO	49	6303,97	2680,383		16	M	M56c	23396M56c	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
6872,034	4312,259		23418M30	STWO	47	6872,034	3615,657		42	M	M30a	23418M30a	STWO	39	37	-2	8	6,277.225	4,412.051	-1.55	9.35
3673,294	3565,549		23426F86b	STWO	28	3673,294	3432,513		297	F	F86b	23426F86b	STWO	16	18	2	12	3,112.304	3,567.125	2.65	13.25
4504,913	2598,631		23434N68d	EGWO	48	4504,913	2352,013		23	N	N68d	23434N68d	EGWO	41	42	1	7	4,694.765	2,722.199	0.55	5.45
4866,026	2676,858		23434N68e	EGWO	46	4866,026	2559,972		13	N	N68e	23434N68e	EGWO	44	45	1	2	4,694.765	2,722.199	0.55	1.55
3873,902	3638,294		23434N68e	STWO	11	3873,902	3958,313		50	N	N68e	23434N68e	STWO	10	9	-1	1	3,112.304	3,567.125	-1.55	1.55
7215,485	4415,058		23450A06c	STWO	36	7215,485	4559,164		212	A	A06d	23450A06d	STWO	42	39	-3	-6	7,859.686	4,412.051	-3.65	-6.25
7297,514	4440,654		23450A06e	STWO	33	7297,514	4670,258		135	A	A06e	23450A06e	STWO	41	38	-3	-8	7,859.686	4,412.051	-3.65	-6.25
6392,239	4449,468		23469A06c	STWO	26	6392,239	5598,07		14	A	A06d	23469A06d	STWO	39	31	-8	-13	6,277.225	4,412.051	-7.85	-14.05
6800,615	4523,271		23477A06c	STWO	27	6800,615	4982,936		263	A	A06d	23477A06d	STWO	36	33	-3	-9	6,277.225	4,412.051	-3.65	-10.15
5201,945			23477A06e	EGWO		5201,945	2957,481		1	A	A06e	23477A06e	EGWO					4,694.765			
7505,806	4772,227		23477A06e	STWO	24	7505,806	5627,125		222	A	A06e	23477A06e	STWO	36	33	-3	-12	7,859.686	4,834.514	-3.65	-10.15
6642,968	4233,969		23477A06f	STWO	35	6642,968	4354,107		89	A	A06f	23477A06f	STWO	39	36	-3	-4	6,277.225	4,412.051	-3.65	-2.35
6978,773	4379,616		23477A06i	STWO	34	6978,773	4608,532		88	A	A06i	23477A06i	STWO	40	37	-3	-6	6,277.225	4,412.051	-3.65	-6.25
6908,452	4280,993		23477A06j	STWO	39	6908,452	4249,017		81	A	A06j	23477A06j	STWO	41	38	-3	-2	6,277.225	4,412.051	-3.65	-2.35
6781,204	4316,805		23477A07b	STWO	32	6781,204	4550,921		45	A	A07b	23477A07b	STWO	39	36	-3	-7	6,277.225	4,412.051	-3.65	-6.25
6755,368	4062,141		23485E43a	STWO	49	6755,368	3054,271		27	E	E43a	23485E43a	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
4745,777	2807,568		23493K90c	EGWO	48	4745,777	2345,312		32	K	K90d	23493K90d	EGWO	43	42	-1	5	4,694.765	2,722.199	-1.55	5.45
5238,576	3702,953		23493K90c	STWO	38	5238,576	3024,365		5	K	K90d	23493K90d	STWO	30	30	0	8	4,694.765	3,567.125	0.55	9.35
5549,297	3878,972		23515N65b	EGWO	32	5549,297	3764,665		24	N	N65b	23515N65b	EGWO	26	30	4	6	6,277.225	3,989.588	4.75	5.45
7076,636	4397,467		23523A01b	STWO	33	7076,636	4740,135		5	A	A01b	23523A01b	STWO	42	38	-4	-9	7,859.686	4,412.051	-3.65	-10.15
6489,953	4263,533		23523A01c	STWO	28	6489,953	4826,603		12	A	A01c	23523A01c	STWO	39	34	-5	-11	6,277.225	4,412.051	-5.75	-10.15
4469,247	2988,185		23531F89b	EGWO	32	4469,247	3048,33		28	F	F89b	23531F89b	EGWO	29	33	4	3	4,694.765	3,144.662	4.75	1.55
3910,003	3285,759		23582F81c	STWO	12	3910,003	3462,573		155	F	F81c	23582F81c	STWO	14	13	-1	-2	4,694.765	3,144.662	-1.55	-2.35
5147,363	3656,478		23612M32	STWO	40	5147,363	2924,22		17	M	M32b	23612M32b	STWO	32	29	-3	8	4,694.765	3,567.125	-3.65	9.35
4323,161	2597,269		23639F76a	EGWO	41	4323,161	2440,323		6	F	F76a	23639F76a	EGWO	33	40	7	8	4,694.765	2,722.199	6.85	9.35
6040,576	4020,86		23663M28	STWO	41	6040,576	3790,227		68	M	M28a	23663M28a	STWO	40	33	-7	1	6,277.225	3,989.588	-7.85	1.55
5725,606	3598,345		23663M28	STWO		5725,606	2550,116		3	M	M28b	23663M28b	STWO					6,277.225	3,567.125		
6436,262	3985,12		23663M29	STWO	47	6436,262	3252,128		70	M	M29a	23663M29a	STWO	43	38	-5	4	6,277.225	3,989.588	-5.75	5.45
7248,935	4322,075		23698K26b	STWO	49	7256,91	3567,245		129	K	K26b	23698K26b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
5548,534	4010,014		23701M56	STWO	40	5548,534	4249,027		82	M	M56c	23701M56c	STWO	31	31	0	9	6,277.225	3,989.588	0.55	9.35
6767,243	3618,524		23728M55	EGWO	49	6767,243	3382,995		20	M	M55h	23728M55h	EGWO	46	49	3	3	6,277.225	3,567.125	2.65	1.55
4975,721	3424,165		23736N62a	EGWO	34	4975,721	3317,606		4	N	N62a	23736N62a	EGWO	32	35	3	2	4,694.765	3,567.125	2.65	1.55
5148,774	3842,336		23736N62a	STWO	26	5148,774	3229,013		38	N	N62a	23736N62a	STWO	25	25	0	1	4,694.765	3,989.588	0.55	1.55
4017,005	2765,602		23744F83a	EGWO	29	4017,005	2520,282		20	F	F83a	23744F83a	EGWO	28	31	3	1	4,694.765	2,722.199	2.65	1.55
3484,017	3257,828		23752F81b	STWO	13	3484,017	3141,022		258	F	F81b	23752F81b	STWO	8	12	4	5	3,112.304	3,144.662	4.75	5.45
6044,442	3956,191		23760K53b	STWO	43	6044,442	3497,998		43	K	K53b	23760K53b	STWO	39	37	-2	4	6,277.225	3,989.588	-1.55	5.45
6358,943	3992,998		23779K53b	STWO	43	6358,943	3599,405		75	K	K53b	23779K53b	STWO	38	36	-2	5	6,277.225	3,989.588	-1.55	5.45
7796,554	3659,305		23809N64c	EGWO	49	7796,554	3663,75		43	N	N64c	23809N64c	EGWO	45	49	4	4	7,859.686	3,567.125	4.75	5.45
5645,942	4075,457		23817N61a	STWO	39	5645,942	3447,863		5	N	N61a	23817N61a	STWO	31	28	-3	8	6,277.225	3,989.588	-3.65	9.35
5401,398	3009,698		23817N61b	EGWO	44	5470,568	2969,764		9	N	N61b	23817N61b	EGWO	41	44	3	3	4,694.765	3,144.662	2.65	1.55
5013,688	3814,399		23817N61b	STWO	33	5013,688	3336,119		187	N	N61b	23817N61b	STWO	26	23	-3	7	4,694.765	3,989.588	-3.65	5.45
4498,538	3552,185		23817N61c	STWO	39	4498,538	2754,456		7	N	N61c	23817N61c	STWO	26	22	-4	13	4,694.765	3,567.125	-3.65	13.25
4381,112	2610,176		23817N72a	EGWO	43	4381,112	2482,88		5	N	N72a	23817N72a	EGWO	38	40	2	5	4,694.765	2,722.199	2.65	5.45
4264,389	3435,866		23817N72a	STWO	43	4264,389	2609,122		25	N	N72a	23817N72a	STWO	20	20	0	23	4,694.765	3,567.125	0.55	21.05
4263,141	2712,556		23876N60a	EGWO	38	4263,141	2502,068		4	N	N60a	23876N60a	EGWO	32	34	2	6	4,694.765	2,722.199	2.65	5.45
4735,532	3522,966		23876N60a	STWO	36	4735,532	2658,747		3	N	N60a	23876N60a	STWO	27	27	0	9	4,694.765	3,567.125	0.55	9.35
4047,42	2491,743		23892F77c	EGWO	44	4047,42	2280,494		5	F	F77d	23892F77d	EGWO	35	38	3	9	4,694.765	2,299.736	2.65	9.35
4219,706	3496,54		23892F77c	STWO	16	4219,706	3583,164		40	F	F77d	23892F77d	STWO	15	16	1	1	4,694.765	3,567.125	0.55	1.55
5502,545	3491,198		23922N66b	EGWO	24	5502,545	3176,839		3	N	N66b	23922N66b	EGWO		30			6,277.225	3,567.125		
4567,982	3147,36		23930N65c	EGWO	33	4567,982	3079,187		12	N	N65c	23930N65c	EGWO	26	31	5	7	4,694.765	3,144.662	4.75	5.45
10929,02	3760,934		23949K49c	EGWO	49	10929,02	2552,363		7	K	K49d	23949K49d	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7109,859	3989,951		23949K49c	STWO	49	7109,859	2507,6		11	K	K49d	23949K49d	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
5843,806	3987,971		23957M32	STWO	41	5843,806	3293,142		103	M	M32a	23957M32a	STWO	34	31	-3	7	6,277.225	3,989.588	-3.65	5.45
6367,919	4173,811		23965M56	STWO	40	6367,919	4117,009		45	M	M56c	23965M56c	STWO	34	34	0	6	6,277.225	3,989.588	0.55	5.45
4785,714	3991,28		23973F78a	STWO	13	4785,714	3351,29		1	F	F78a	23973F78a	STWO	16	12	-4	-3	4,694.765	3,989.588	-3.65	-2.35
4318,409	3154,188		24007K91b	STWO	31	4318,409	2786,693		72	K	K91b	24007K91b	STWO	32	28	-4	-1	4,694.765	3,144.662	-3.65	-2.35
6182,827	3845,613		24015E41b	STWO	49	6182,827	2616,844		35	E	E41b	24015E41b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6557,08	4150,745		24015E42a	STWO	48	6557,08	3334,416		39	E	E42a	24015E42a	STWO	39	37	-2	9	6,277.225	3,989.588	-1.55	9.35
6713,584	4137,817		24015E42c	STWO	49	6713,584	3369,556		18	E	E42c	24015E42c	STWO	38	38	0	11	6,277.225	3,989.588	0.55	9.35
6985,113	4271,356		24023E38c	STWO	49	6985,113	3497,194		146	E	E38d	24023E38d	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
6485,437	4199,397		24023E41b	STWO	49	6485,437	3291,457		153	E	E41b	24023E41b	STWO	38	35	-3	11	6,277.225	3,989.588	-3.65	9.35
5169,829	3957,356		24031K90c	STWO	21	5169,829	4071,421		19	K	K90c	24031K90c	STWO	30	23	-7	-9	4,694.765	3,989.588	-7.85	-10.15
3381,818			24066N65b	EGWO	33	3381,818			1	N	N65b	24066N65b	EGWO	28	32	4	5	3,112.304		4.75	5.45
4515,953	3714,272		24066N65b	STWO	31	4515,953	3062,367		8	N	N65b	24066N65b	STWO	19	17	-2	12	4,694.765	3,567.125	-1.55	13.25
5293,162	3692,818		24074N65b	EGWO	32	5293,162	3612,582		21	N	N65b	24074N65b	EGWO	26	30	4	6	4,694.765	3,567.125	4.75	5.45
4695,663	3585,452		24082N61c	STWO	41	4695,663	2761,845		12	N	N61c	24082N61c	STWO	28	23	-5	13	4,694.765	3,567.125	-5.75	13.25
6056,711	4086,115		24090E38c	STWO	48	6056,711	3159,112		74	E	E38c	24090E38c	STWO	35	32	-3	13	6,277.225	3,989.588	-3.65	13.25
6560,613	3873,441		24120K52c	STWO	49	6560,613	2645,361		13	K	K52c	24120K52c	STWO	45	41	-4	4	6,277.225	3,989.588	-3.65	5.45
6737,913	3935,192		24120K52d	STWO	49	6737,913	2747,369		98	K	K52d	24120K52d	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
6525,019	4078,082		24147K26c	STWO	49	6525,019	3284,651		129	K	K26c	24147K26c	STWO	42	37	-5	7	6,277.225	3,989.588	-5.75	5.45
9860,649	3584,021		24155K49a	EGWO	49	9860,649	2406,289		10	K	K49a	24155K49a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
4309,681	3461,067		24163N71c	STWO	39	4309,681	2594,823		3	N	N71c	24163N71c	STWO	26	30	4	13	4,694.765	3,567.125	4.75	13.25
4417,645	2991,927		24171N65b	EGWO	33	4417,645	2965,756		11	N	N65b	24171N65b	EGWO	28	32	4	5	4,694.765	3,144.662	4.75	5.45

| | | |

7087,952	4092,399	[redacted]	25240E20c	STWO	49	7087,952	2780,733	[redacted]	48	E	E20c	25240E20c	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
7418,491	4227,248		25259K24e	STWO	49	7418,491	3457,565		19	K	K24e	25259K24e	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
4362,57	2656,355		25275F85b	EGWO	41	4362,57	2479,314		22	F	F85b	25275F85b	EGWO	35	38	3	6	4,694.765	2,722.199	2.65	5.45
10172,08			25305K47a	EGWO	49	10172,08	2366,825		1	K	K47a	25305K47a	EGWO					9,442.146			
7926,812	4334,698		25305K47a	STWO	49	7926,812	3004,473		90	K	K47a	25305K47a	STWO		46			7,859.686	4,412.051		
9850			25305K47e	EGWO	49	9850	2367,639		4	K	K47e	25305K47e	EGWO					9,442.146			
7455,716	4106,535		25305K47e	STWO	49	7455,716	2832,373		35	K	K47e	25305K47e	STWO	45	44	-1	4	7,859.686	3,989.588	-1.55	5.45
7213,868	4178,761		25305K47f	STWO	49	7213,868	2618,241		127	K	K47f	25305K47f	STWO	48	46	-2	1	7,859.686	3,989.588	-1.55	1.55
4166,385	2703,212		25313F78a	EGWO	35	4166,385	2709,03		15	F	F78a	25313F78a	EGWO	34	35	1	1	4,694.765	2,722.199	0.55	1.55
3721,113	3138,159		25313F78a	STWO	18	3721,113	2924,295		78	F	F78a	25313F78a	STWO	18	16	-2	0	3,112.304	3,144.662	-1.55	1.55
8139,785			25348A07f	EGWO	49	8139,785	3371,634		1	A	A07f	25348A07f	EGWO					7,859.686			
7310,351	4301,634		25348A07f	STWO	48	7310,351	3808,251		56	A	A07f	25348A07f	STWO	46	43	-3	2	7,859.686	4,412.051	-3.65	1.55
7511,37	3382,12		25348A07h	EGWO	49	7511,37	3980,534		2	A	A07h	25348A07h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7476,187	4317,113		25348A07h	STWO	47	7476,187	3981,438		44	A	A07h	25348A07h	STWO	47	43	-4	0	7,859.686	4,412.051	-3.65	1.55
6848,696	3543,005		25356A07f	EGWO	49	6848,696	4007,777		3	A	A07f	25356A07f	EGWO					6,277.225	3,567.125		
7666,314	4424,365		25356A07f	STWO	46	7666,314	4181,581		9	A	A07f	25356A07f	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
7278,878	4326,329		25356A07h	STWO	48	7278,878	3791,661		32	A	A07h	25356A07h	STWO	44	42	-2	4	7,859.686	4,412.051	-1.55	5.45
6842,02	4012,117		25372K52b	STWO	49	6842,02	2922,525		123	K	K52b	25372K52b	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
5191,256	3638,106		25380K91c	STWO	33	5191,256	3424,468		54	K	K91c	25380K91c	STWO	33	29	-4	0	4,694.765	3,567.125	-3.65	1.55
8677,083	5279,765		25399N73h	EGWO	45	8677,083	4835,37		2	N	N73h	25399N73h	EGWO	43	45	2	2	9,442.146	5,256.977	2.65	1.55
3437,84	3332,622		25402F81a	STWO	13	3437,84	3106,197		75	F	F81a	25402F81a	STWO	9	11	2	4	3,112.304	3,144.662	2.65	5.45
8708,333			25410A00a	EGWO	32	8708,333			1	A	A00a	25410A00a	EGWO	43	45	2	-11	9,442.146		2.65	-10.15
6603,935	4242,708		25410A00a	STWO	32	6603,935	4339,725		11	A	A00a	25410A00a	STWO	37	33	-4	-5	6,277.225	4,412.051	-3.65	-6.25
5651,867	3965,794		25429A04c	STWO	38	5651,867	3498,431		9	A	A04c	25429A04c	STWO	34	32	-2	4	6,277.225	3,989.588	-1.55	5.45
5637,931	3141,882		25429A04f	EGWO		5637,931	4013,369		1	A	A04f	25429A04f	EGWO					6,277.225	3,144.662		
7479,275	4683,872		25429A04f	STWO	42	7479,275	4819,867		18	A	A04f	25429A04f	STWO	39	37	-2	3	7,859.686	4,834.514	-1.55	1.55
5845,405	3195,519		25437N64c	EGWO	45	5845,405	3157,989		234	N	N64c	25437N64c	EGWO	40	44	4	5	6,277.225	3,144.662	4.75	5.45
4998,908	3541,66		25437N64c	STWO	45	4998,908	2734,489		23	N	N64c	25437N64c	STWO	30	29	-1	15	4,694.765	3,567.125	-1.55	13.25
6015,767	3249,037		25437N64d	EGWO	46	6015,767	3186,118		101	N	N64d	25437N64d	EGWO	40	45	5	6	6,277.225	3,144.662	4.75	5.45
5096,656	3573,2		25437N64d	STWO	49	5096,656	2507,022		13	N	N64d	25437N64d	STWO	33	29	-4	16	4,694.765	3,567.125	-3.65	17.15
5056,987	3021,247		25437N72c	EGWO	40	5056,987	2966,736		5	N	N72c	25437N72c	EGWO	38	40	2	2	4,694.765	3,144.662	2.65	1.55
4488,211	2495,833		25445N61d	EGWO		4661,639	2817,962		3	N	N61d	25445N61d	EGWO	41	45	4		4,694.765	2,299.736	4.75	
5499,774	3813,537		25445N61d	STWO	45	5573,261	3063,811		7	N	N61d	25445N61d	STWO	27	31	4	18	6,277.225	3,989.588	4.75	17.15
6769,744			25445N64c	EGWO	47	6769,744	3640		2	N	N64c	25445N64c	EGWO	42	46	4	5	6,277.225		4.75	5.45
4798,122	2810,336		25453N62a	EGWO	34	4798,122	2438,373		3	N	N62a	25453N62a	EGWO	32	35	3	2	4,694.765	2,722.199	2.65	1.55
6860,606	4351,53		25453N62b	EGWO	40	6860,606	3978,455		3	N	N62b	25453N62b	EGWO	36	38	2	4	6,277.225	4,412.051	2.65	5.45
4333,333	3513,278		25453N62b	STWO		4333,333	2755,12		1	N	N62b	25453N62b	STWO					4,694.765	3,567.125		
5009,69	2952,418		25453N64c	EGWO	47	5009,69	2282,84		2	N	N64c	25453N64c	EGWO	42	46	4	5	4,694.765	3,144.662	4.75	5.45
5239,13	3642,179		25453N64c	STWO	45	5239,13	2589,491		2	N	N64c	25453N64c	STWO	29	29	0	16	4,694.765	3,567.125	0.55	17.15
4938,806	3504,409		25453N64d	STWO	49	4938,806	2446,015		3	N	N64d	25453N64d	STWO	33	28	-5	16	4,694.765	3,567.125	-5.75	17.15
6987,862	4396,801		25461A01b	STWO	33	6987,862	4552,482		83	A	A01b	25461A01b	STWO	40	36	-4	-7	6,277.225	4,412.051	-3.65	-6.25
6615,538	4368,512		25461A01c	STWO	28	6615,538	4830,199		75	A	A01c	25461A01c	STWO	38	34	-4	-10	6,277.225	4,412.051	-3.65	-10.15
6707,736	4321,139		25461A01e	STWO	31	6707,736	4547,324		17	A	A01e	25461A01e	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15
5268,216	2670,987		25496K90c	EGWO	49	5268,216	2297,54		29	K	K90d	25496K90d	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
7196,084	4311,911		25518A09i	STWO	41	7195,084	4240,139		84	A	A09i	25518A09i	STWO	40	39	-1	1	7,859.686	4,412.051	-1.55	1.55
6807,598	4370,693		25542A00c	STWO	31	6807,598	4737,619		20	A	A00c	25542A00c	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15
7238,316	4511,557		25542A04e	STWO	35	7238,316	4717,914		24	A	A04e	25542A04e	STWO	41	38	-3	-6	7,859.686	4,412.051	-3.65	-6.25
5337,079	3632,262		25550E37a	STWO	32	5337,079	2437		2	E	E37a	25550E37a	STWO	27	27	0	5	4,694.765	3,567.125	0.55	5.45
6489,947	4048,41		25569E37a	STWO	37	6489,947	3593,881		149	E	E37a	25569E37a	STWO	27	27	0	10	6,277.225	3,989.588	0.55	9.35
6797,415	4361,67		25569E37f	STWO	48	6797,415	3538,976		19	E	E37f	25569E37f	STWO	38	36	-2	10	6,277.225	4,412.051	-1.55	9.35
4444,045	2671,467		25577N60c	EGWO	37	4444,045	2563,298		37	N	N60c	25577N60c	EGWO	38	36	-2	-1	4,694.765	2,722.199	-1.55	-2.35
4485,855	3539,02		25577N60c	STWO	35	4485,855	2872,77		67	N	N60c	25577N60c	STWO	21	20	-1	14	4,694.765	3,567.125	-1.55	13.25
5038,665	3718,907		25585K90c	STWO	31	5038,665	3493,867		107	K	K90d	25585K90d	STWO	30	26	-4	1	4,694.765	3,567.125	-3.65	1.55
6176,126	3992,851		25615M55	STWO	48	6176,126	3247,637		41	M	M55d	25615M55d	STWO	35	35	0	13	6,277.225	3,989.588	0.55	13.25
5374,126	3524,737		25631N63a	EGWO	39	5374,126	3300,495		14	N	N63a	25631N63a	EGWO	33	34	1	6	4,694.765	3,567.125	0.55	5.45
8532,609	4544,176		25658K91c	EGWO	49	8532,609	4553,14		1	K	K91c	25658K91c	EGWO	48	47	-1	1	7,859.686	4,412.051	-1.55	1.55
4994,243	3102,453		25712F84a	EGWO	33	4994,243	3192,626		50	F	F84a	25712F84a	EGWO	33	35	2	0	4,694.765	3,144.662	2.65	1.55
4455,152	3283,713		25712F84b	EGWO	33	4455,152	3114,813		14	F	F84b	25712F84b	EGWO	33	37	4	0	4,694.765	3,144.662	4.75	1.55
9953,25	4345,279		25720A07e	EGWO	49	9953,25	4598,72		5	A	A07e	25720A07e	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
7206,83	4391,287		25720A07e	STWO	39	7206,83	4423,209		15	A	A07e	25720A07e	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
7710,607	4041,492		25747A06k	EGWO	45	7710,607	4681,395		4	A	A06k	25747A06k	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
8110,978	4672,431		25747A06k	STWO	39	8110,978	4975,646		24	A	A06k	25747A06k	STWO	45	42	-3	-6	7,859.686	4,834.514	-3.65	-6.25
7344,411	3553,854		25763A06k	EGWO	45	7344,411	3932,006		4	A	A06k	25763A06k	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
7930,89	4676,719		25763A06k	STWO	37	7930,89	5009,893		80	A	A06k	25763A06k	STWO	45	42	-3	-8	7,859.686	4,834.514	-3.65	-6.25
8804,878	3955,102		25771A07e	EGWO	49	8804,878	4095,457		11	A	A07e	25771A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7240,295	4328,851		25771A07e	STWO	41	7240,295	4018,041		143	A	A07e	25771A07e	STWO	43	40	-3	-2	7,859.686	4,412.051	-3.65	-2.35
6075,008	3720,003		25801N70b	EGWO	44	6075,008	4525,591		2	N	N70b	25801N70b	EGWO	38	41	3	6	6,277.225	3,567.125	2.65	5.45
5718,573	2903,91		25836K90c	EGWO	49	5718,573	2423,37		39	K	K90d	25836K90d	EGWO	48	49	1	1	6,277.225	2,722.199	0.55	1.55
5089,507	2669,767		25844F77b	EGWO	49	5089,507	2498,024		22	F	F77b	25844F77b	EGWO	45	47	2	4	4,694.765	2,722.199	2.65	5.45
4663,468	3745,971		25844F77b	STWO	13	4663,468	4414,659		139	F	F77b	25844F77b	STWO	15	16	1	-2	4,694.765	3,567.125	0.55	-2.35
6829,256	3529,393		25887E13b	EGWO		6829,256	3712,629		2	E	E13b	25887E13b	EGWO					6,277.225	3,567.125		
5487,787	3939,889		25887E13b	STWO	25	5487,787	4271,731		303	E	E13b	25887E13b	STWO	34	30	-4	-9	6,277.225	3,989.588	-3.65	-10.15
8189,795	4687,069		25895A08a	STWO	42	8189,795	4827,285		162	A	A08a	25895A08a	STWO	46	44	-2	-4	7,859.686	4,834.514	-1.55	-2.35
6937,063	3593,302		25895A08b	EGWO	37	6937,063	4280,092		1	A	A08b	25895A08b	EGWO					6,277.225	3,567.125		
8221,745	4643,898		25895A08b	STWO	44	8221,745	4633,007		71	A	A08b	25895A08b	STWO	46	43	-3	-2	7,859.686	4,834.514	-3.65	-2.35
4614,61	3265,48		25909F88j	EGWO	29	4614,61	3192,048		3	F	F88j	25909F88j	EGWO	27	30	3	2	4,694.765	3,144.662	2.65	1.55
6307,505	4049,073		25917A04i	STWO	38	6307,505	3747,023		27	A	A04i	25917A04i	STWO	39	34	-5	-1	6,277.225	3,989.588	-5.75	-2.35
7102,256	4356,509		25925A04f	STWO	44	7102,256	3984,936		5	A	A04f	25925A04f	STWO	41	39	-2	3	7,859.686	4,412.051	-1.55	1.55
7892,755	4754,706		25941A06e	STWO	28	7892,755	5370,339		4	A	A06e	25941A06e	STWO	38	35	-3	-10	7,859.686	4,834.514	-3.65	-10.15
3106,796			25976B10a	EGWO		3106,796			1	B	B10a	25976B10a	EGWO					3,112.304			
9007,345	3944,877		25984A04g	EGWO		9007,345	4059,305		3	A	A04g	25984A04g	EGWO					9,442.146	3,989.588		
7177,951	4350,364		25984A04g	STWO	42	7177,951	4210,793		122	A	A04g	25984A04g	STWO	42	40	-2	0	7,859.686	4,412.051	-1.55	1.55
7110,996	3645,635		25984A04i	EGWO	44	7110,996	3785,139		4	A	A04i	25984A04i	EGWO	48	49	1	-4	7,859.686	3,567.125	0.55	-2.35
7762,79	4520,72		25984A04i	STWO	40	7762,79	4675,15		80	A	A04i	25984A04i	STWO	44	42	-2	-4	7,859.686	4,412.051	-1.55	-2.35
5420			25984A08a	STWO	39	5420			4	A	A08a	25984A08a	STWO	43	41	-2	-4	4,694.765		-1.55	-2.35
6912,641	4295,18		25992A04h	STWO	37	6912,641	4333,951		60	A	A04h	25992A04h	STWO	40	37	-3	-3	6,277.225	4,412.051	-3.65	-2.35
7440,817	3400,962		26018A04d	EGWO	49	7440,817	3171,751		8	A	A04d	26018A04d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6746,402	4184,643		26018A04d	STWO	36	6746,402	4294,548		35	A	A04d	26018A04d	STWO	38	36	-2	-2	6,277.225	3,989.588	-1.55	-2.35
7516,173	3424,102		26034A08a	EGWO	49	7516,173	3688,577		10	A	A08a	26034A08a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7656,726	4584,06		26034A08a	STWO	39	7656,726	4680,056		334	A	A08a	26034A08a	STWO	42	40	-2	-3	7,859.686	4,412.051	-1.55	-2.35
6583,402	3199,27		26042A08a	EGWO	49	6583,402	3376,429		10	A	A08a	26042A08a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6840,678	4298,821		26042A08a	STWO	34	6840,678	4530,911		262	A	A08a	26042A08a	STWO	39	37	-2	-5	6,277.225	4,412.051	-1.55	-6.25
7378,455	3686,669		26050A06c	EGWO	42	7378,455	4227,295		34	A	A06c	26050A06c	EGWO	49	49	0	-7	7,859.686	3,567.125	0.55	-6.25
7352,775	4448,902		26050A06c	STWO	41	7352,775	4368,19		221	A	A06c	26050A06c	STWO	42	39	-3	-1	7,859.686	4,412.051	-3.65	-2.35
7886,219	4767,386		26069A07e	STWO	37	7886,219	5023,59		10	A	A07e	26069A07e	STWO	43	40	-3	-6	7,859.686	4,834.514	-3.65	-6.25
9144,634	4198,454		26077A07e	EGWO	49	9144,634	4554,629		11	A	A07e	26077A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7386,61	4580,268		26077A07e	STWO	39	7386,61	4553,019		118	A	A07e	26077A07e	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
4677,402	3819,408		26085N65b	STWO	30	4677,402	3287,195		5	N	N65b	26085N65b	STWO	18	18	0	12	4,694.765	3,989.588	0.55	13.25
6775,483	4324,828		26093A01e	STWO	31	6775,483	4669,249		104	A	A01e	26093A01e	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15
5704,493	3869,111		26123A06j	STWO	38	5704,493	3576,692		152	A	A06j	26123A06j	STWO	37	33	-4	1	6,277.225	3,989.588	-3.65	1.55
7673,421	3563,241		26131A08a	EGWO	48	7673,421	3971,3		7	A	A08a	26131A08a	EGWO	49	49	0	-1	7,859.686	3,567.125	0.55	-2.35
8239,818	4597,508		26131A08a	STWO	43	8239,818	4690,386		279	A	A08a	26131A08a	STWO	46	44	-2	-3	7,859.686	4,412.051	-1.55	-2.35
7011,931	3214,413		26158A04d	EGWO	49	7011,931	2904,102		10	A	A04d	26158A04d	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55

6154,007	3970,99	[redacted]	26158A04c	STWO	35	6154,007	3681,211	[redacted]	4	A	A04d	26158A04d	STWO	39	36	-3	-4	6,277.225	3,989.588	-3.65	-2.35
6240	3753,903		26174A01c	EGWO	30	6240	4667,674		1	A	A01d	26174A01d	EGWO	43	44	1	-18	6,277.225	3,567.125	0.55	-14.05
7567,568	4913,293		26174A01c	STWO	33	7567,568	5643,033		1	A	A01d	26174A01d	STWO	42	38	-4	-9	7,859.686	4,834.514	-3.65	-10.15
7542,315	4542,181		26182A03a	STWO	42	7542,315	4403,221		35	A	A03a	26182A03a	STWO	43	41	-2	-1	7,859.686	4,412.051	-1.55	-2.35
8067,593	3967,7		26182A03c	EGWO	49	8067,593	4464,201		2	A	A03c	26182A03c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7703,729	4510,416		26182A03c	STWO	46	7703,729	4211,115		19	A	A03c	26182A03c	STWO	44	42	-2	2	7,859.686	4,412.051	-1.55	1.55
7488,381	4479,097		26190A05c	STWO	42	7488,381	4082,746		61	A	A05d	26190A05d	STWO	46	41	-5	-4	7,859.686	4,412.051	-5.75	-2.35
7557,191	4675,827		26204A06e	STWO	28	7557,191	5285,662		9	A	A06e	26204A06e	STWO	39	36	-3	-11	7,859.686	4,834.514	-3.65	-10.15
6879,673	4285,231		26212A04f	STWO	47	6879,673	3867,82		125	A	A04f	26212A04f	STWO	43	41	-2	4	6,277.225	4,412.051	-1.55	5.45
10618,42	4959,686		26239A07f	EGWO	49	10618,42	5360,372		1	A	A07f	26239A07f	EGWO					11,024.607	4,834.514		
7741,56	4462,762		26239A07f	STWO	47	7741,56	4554,435		3	A	A07f	26239A07f	STWO	45	42	-3	2	7,859.686	4,412.051	-3.65	1.55
6294,546	4133,938		26247A05c	STWO	38	6294,546	3568,737		5	A	A05c	26247A05c	STWO	37	34	-3	1	6,277.225	3,989.588	-3.65	1.55
7625			26263A01c	EGWO		7625			1	A	A01c	26263A01c	EGWO	39				7,859.686			
6074,367	4182,267		26263A01c	STWO	33	6074,367	3867,718		60	A	A01c	26263A01c	STWO	37	31	-6	-4	6,277.225	3,989.588	-5.75	-2.35
6865,844	4451,723		26271A01c	STWO	28	6865,844	5129,498		13	A	A01c	26271A01c	STWO	40	35	-5	-12	6,277.225	4,412.051	-5.75	-10.15
6718,802	4397,994		26271A01e	STWO	27	6718,802	4891,647		41	A	A01e	26271A01e	STWO	39	34	-5	-12	6,277.225	4,412.051	-5.75	-10.15
6708,84	4283,751		26298A01b	STWO	31	6708,84	4508,884		25	A	A01b	26298A01b	STWO	40	35	-5	-9	6,277.225	4,412.051	-5.75	-10.15
5873,134	3435,285		26298A01c	EGWO		5873,134	4358,228		1	A	A01c	26298A01c	EGWO	39				6,277.225	3,567.125		
6840,308	4525,072		26298A01c	STWO	33	6840,308	5074,594		4	A	A01c	26298A01c	STWO	39	34	-5	-6	6,277.225	4,412.051	-5.75	-6.25
4828,571			26298A01c	EGWO	30	4828,571			1	A	A01d	26298A01d	EGWO	43	44	1	-13	4,694.765		0.55	-14.05
6858,155	4395,832		26298A01c	STWO	31	6871,604	4702,412		83	A	A01d	26298A01d	STWO	39	35	-4	-8	6,277.225	4,412.051	-3.65	-6.25
6628,576	4186,156		26298A01e	STWO	30	6628,576	4657,702		30	A	A01e	26298A01e	STWO	39	35	-4	-9	6,277.225	3,989.588	-3.65	-10.15
7124,864	4390,212		26298A01f	STWO	36	7167,093	4622,854		92	A	A01f	26298A01f	STWO	43	39	-4	-7	7,859.686	4,412.051	-3.65	-6.25
5366,434	3285,455		26298A01g	EGWO		5785,714	4181,758		1	A	A01g	26298A01g	EGWO					4,694.765	3,144.662		
6907,505	4333		26298A01g	STWO	33	6965,086	4579,585		53	A	A01g	26298A01g	STWO	42	38	-4	-9	6,277.225	4,412.051	-3.65	-10.15
5212,611	3276,946		26301N65b	EGWO	36	5212,611	3360,592		19	N	N65b	26301N65b	EGWO	32	37	5	4	4,694.765	3,144.662	4.75	5.45
6314,158	4018,812		26328A01e	STWO	37	6314,158	3442,198		10	A	A01e	26328A01e	STWO	41	36	-5	-4	6,277.225	3,989.588	-5.75	-2.35
7190,767	4492,524		26336A00a	STWO	29	7190,767	5090,634		17	A	A00a	26336A00a	STWO	41	37	-4	-12	7,859.686	4,412.051	-3.65	-10.15
6918,639	4005,98		26336A00c	EGWO	33	6918,639	4413,78		10	A	A00c	26336A00c	EGWO	44	48	4	-11	6,277.225	3,989.588	4.75	-10.15
6705,945	4338,227		26336A00c	STWO	31	6705,945	4719,853		207	A	A00c	26336A00c	STWO	40	36	-4	-9	6,277.225	4,412.051	-3.65	-10.15
6906,729	3723,51		26336A00e	EGWO	35	6906,729	4308,691		4	A	A00e	26336A00e	EGWO	44	46	2	-9	6,277.225	3,567.125	2.65	-10.15
7009,798	4389,177		26336A00e	STWO	34	7009,798	4703,982		41	A	A00e	26336A00e	STWO	42	38	-4	-8	6,277.225	4,412.051	-3.65	-6.25
6494,376	4104,758		26344A00a	STWO	35	6494,376	3959,118		21	A	A00a	26344A00a	STWO	38	37	-1	-3	6,277.225	3,989.588	-1.55	-2.35
6126,273	4832,948		26352A00a	STWO	30	6126,273	5628,824		29	A	A00a	26352A00a	STWO	38	35	-3	-8	6,277.225	4,834.514	-3.65	-6.25
6094,055	3120,109		26360A00a	EGWO	32	6094,055	3951,77		4	A	A00a	26360A00a	EGWO	43	45	2	-11	6,277.225	3,144.662	2.65	-10.15
6941,962	4409,083		26360A00a	STWO	30	6941,962	4911,494		39	A	A00a	26360A00a	STWO	40	37	-3	-10	6,277.225	4,412.051	-3.65	-10.15
6204,942	3428,259		26360A00b	EGWO	35	6204,942	3977,503		5	A	A00b	26360A00b	EGWO	39	41	2	-4	6,277.225	3,567.125	2.65	-2.35
6215,92	4240,701		26360A00b	STWO	29	6232,766	4603,064		77	A	A00b	26360A00b	STWO	39	34	-5	-10	6,277.225	4,412.051	-5.75	-10.15
5397,425	3169,661		26360A00c	EGWO	34	5397,425	3554,464		7	A	A00c	26360A00c	EGWO	44	47	3	-10	4,694.765	3,144.662	2.65	-10.15
6467,038	4249,12		26360A00c	STWO	30	6467,038	4552,508		190	A	A00c	26360A00c	STWO	38	34	-4	-8	6,277.225	4,412.051	-3.65	-6.25
7182,882	3751,239		26360A00d	EGWO	34	7182,882	4454,156		4	A	A00d	26360A00d	EGWO	44	46	2	-10	7,859.686	3,567.125	2.65	-10.15
7407,92	4485,185		26360A00d	STWO	34	7407,92	4866,15		67	A	A00d	26360A00d	STWO	43	40	-3	-9	7,859.686	4,412.051	-3.65	-10.15
5498,824			26360A00e	EGWO	35	5498,824	3309,205		3	A	A00e	26360A00e	EGWO	44	46	2	-9	6,277.225		2.65	-10.15
6738,638	4294,671		26360A00e	STWO	32	6738,638	4602,726		65	A	A00e	26360A00e	STWO	41	37	-4	-9	6,277.225	4,412.051	-3.65	-10.15
5000			26417M29	EGWO		5000	3272,836		1	M	M29b	26417M29b	EGWO					4,694.765			
6685,592	4134,963		26417M29	STWO	44	6685,592	3723,675		83	M	M29b	26417M29b	STWO	40	38	-2	4	6,277.225	3,989.588	-1.55	5.45
3910,819	3281,866		26425F81b	STWO	19	3910,819	3149,665		368	F	F81b	26425F81b	STWO	18	17	-1	1	4,694.765	3,144.662	-1.55	1.55
5594,463	4027,497		26441M56	STWO	40	5594,463	4292,437		48	M	M56c	26441M56c	STWO	31	31	0	9	6,277.225	3,989.588	0.55	9.35
8007,452	4295,677		26468K46b	STWO	49	8007,452	2935,185		97	K	K46b	26468K46b	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
6350,612	3178,846		26476K52g	EGWO	49	6350,612	2511,447		12	K	K52g	26476K52g	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5042,538	2647,767		26484K90i	EGWO	49	5042,538	2385,011		15	K	K90i	26484K90i	EGWO	48	48	0	1	4,694.765	2,722.199	0.55	1.55
5248,926	3654,503		26492K91b	STWO	33	5248,926	3489,341		152	K	K91b	26492K91b	STWO	33	27	-6	0	4,694.765	3,567.125	-5.75	1.55
5874,488	3901,155		26506N60a	STWO	41	5874,488	3448,734		9	N	N60a	26506N60a	STWO	27	32	5	14	6,277.225	3,989.588	4.75	13.25
10473,1			26549K48b	EGWO	49	10473,1	2364,691		2	K	K48b	26549K48b	EGWO					11,024.607			
8332,513	4686,68		26549K48b	STWO	49	8332,513	4155,748		68	K	K48b	26549K48b	STWO	48	44	-4	1	7,859.686	4,834.514	-3.65	1.55
7609,988	4519,283		26549K48c	STWO	49	7609,988	3815,599		77	K	K48c	26549K48c	STWO	45	41	-4	4	7,859.686	4,412.051	-3.65	5.45
11030,84	4089,262		26565K48b	EGWO	49	11030,84	2873,692		1	K	K48b	26565K48b	EGWO					11,024.607	3,989.588		
6547,826	3836,469		26565K48b	STWO	49	6547,826	2569,093		1	K	K48b	26565K48b	STWO	46	42	-4	3	6,277.225	3,989.588	-3.65	1.55
6209,467	3840,735		26565K48f	STWO	49	6209,467	2757,43		30	K	K48f	26565K48f	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
7065,199	4053,077		26565K49c	STWO	49	7065,199	2564,208		28	K	K49d	26565K49d	STWO	49	45	-4	0	6,277.225	3,989.588	-3.65	1.55
10177,72			26565K49e	EGWO	49	10177,72	2348,338		1	K	K49e	26565K49e	EGWO	49	49	0	0	9,442.146		0.55	1.55
7323,713	4015,747		26565K49e	STWO	49	7323,713	2574,643		63	K	K49e	26565K49e	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
6889,326	3937,157		26565K49f	STWO	49	6889,326	2589,92		26	K	K49f	26565K49f	STWO	46	43	-3	3	6,277.225	3,989.588	-3.65	1.55
11014,52	3886,181		26573K48b	EGWO	49	11014,52	2657,476		4	K	K48b	26573K48b	EGWO					11,024.607	3,989.588		
7780,507	4520,458		26581K48b	STWO	49	7780,507	3856,185		100	K	K48b	26581K48b	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
7126,301	4358,913		26581K48c	STWO	49	7126,301	3585,039		241	K	K48c	26581K48c	STWO	43	39	-4	6	7,859.686	4,412.051	-3.65	5.45
5729,565	4012,949		26603M31	STWO	28	5729,565	4258,318		30	M	M31c	26603M31c	STWO	29	30	1	-1	6,277.225	3,989.588	0.55	-2.35
6129,074	3886,162		26611M58	STWO	43	6130,63	3452,284		266	M	M58h	26611M58h	STWO	36	36	0	7	6,277.225	3,989.588	0.55	5.45
7621,115	4498,626		26638A08a	STWO	44	7621,115	4090,093		30	A	A08a	26638A08a	STWO	43	41	-2	1	7,859.686	4,412.051	-1.55	1.55
6236,842	3306,541		26646M57	EGWO	49	6236,842	2969,3		6	M	M57a	26646M57a	EGWO	47	47	0	2	6,277.225	3,144.662	0.55	1.55
5956,401	4196,123		26646M57	STWO	42	5956,401	3428,157		65	M	M57a	26646M57a	STWO	31	29	-2	11	6,277.225	3,989.588	-1.55	9.35
7506,943	4375,882		26654A04f	STWO	41	7506,943	4476,484		7	A	A04h	26654A04h	STWO	44	42	-2	-3	7,859.686	4,412.051	-1.55	-2.35
4674,846	3522,538		26662K91c	STWO	30	4674,846	3266,769		21	K	K91c	26662K91c	STWO	32	24	-8	-2	4,694.765	3,567.125	-7.85	-2.35
5224,33	3983,795		26670K90a	STWO	31	5224,33	3635,985		75	K	K90a	26670K90a	STWO	31	29	-2	0	4,694.765	3,989.588	-1.55	1.55
7564,516			26689M57	EGWO	49	7564,516			6	M	M57a	26689M57a	EGWO	44	47	3	5	7,859.686		2.65	5.45
5643,708	4060,673		26689M57	STWO	41	5643,708	3287,939		95	M	M57a	26689M57a	STWO	29	28	-1	12	6,277.225	3,989.588	-1.55	13.25
4080,838	3444,231		26719N61b	STWO	34	4080,838	2560,686		10	N	N61b	26719N61b	STWO	23	17	-6	11	4,694.765	3,567.125	-5.75	9.35
3991,15	3266,499		26727F80b	STWO		3991,15	2295		1	F	F80b	26727F80b	STWO					4,694.765	3,144.662		
5822,692	3911,45		26727F80c	EGWO	31	5822,692	3832,489		4	F	F80c	26727F80c	EGWO		32			6,277.225	3,989.588		
3474,47	3227,676		26727F81b	STWO	11	3474,47	3227,289		60	F	F81b	26727F81b	STWO	10	7	-3	1	3,112.304	3,144.662	-3.65	1.55
7454,789	4219,02		26735A07h	STWO	49	7454,789	3620,311		9	A	A07h	26735A07h	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
4266,667	2353,57		26743M33	EGWO	49	4266,667	2383,587		1	M	M33b	26743M33b	EGWO	48	47	-1	1	4,694.765	2,299.736	-1.55	1.55
5649,822	3765,086		26743M33	STWO	33	5649,822	3760,738		390	M	M33b	26743M33b	STWO	35	34	-1	-2	6,277.225	3,567.125	-1.55	-2.35
7056,818	4062,077		26778A09c	EGWO		7056,818	4805,765		1	A	A09d	26778A09d	EGWO					6,277.225	3,989.588		
6270,868	4222,273		26786A09c	STWO	34	6300,234	4170,872		80	A	A09d	26786A09d	STWO	35	33	-2	-1	6,277.225	4,412.051	-1.55	-2.35
5083,403	3714,742		26786A09e	STWO	32	5083,403	3178,09		12	A	A09e	26786A09e	STWO	35	27	-8	-3	4,694.765	3,567.125	-7.85	-2.35
7796,752	3546,453		26808A09c	EGWO		7848,161	3277,69		13	A	A09d	26808A09d	EGWO					7,859.686	3,567.125		
6527,35	4359,846		26808A09c	STWO	37	6527,35	4270,314		143	A	A09d	26808A09d	STWO	38	35	-3	-1	6,277.225	4,412.051	-3.65	-2.35
4440	3061,664		26816M56	EGWO		4440	3714,274		1	M	M56h	26816M56h	EGWO					4,694.765	3,144.662		
6431,041	3821,509		26816M56	STWO	35	6431,041	3756,62		6	M	M56h	26816M56h	STWO	32	34	2	3	6,277.225	3,989.588	2.65	1.55
9872,111	4785,954		26816M56	EGWO		9872,111	5016,403		2	M	M56i	26816M56i	EGWO					9,442.146	4,834.514		
7167,901	4173,952		26832A04a	STWO	45	7167,901	3943,561		58	A	A04a	26832A04a	STWO	44	42	-2	1	7,859.686	3,989.588	-1.55	1.55
7106,471	4044,489		26859M28	STWO	49	7106,471	3066,048		17	M	M28a	26859M28a	STWO	43	42	-1	6	7,859.686	3,989.588	-1.55	5.45
6295,114	3187,939		26859M28	EGWO	47	6295,114	3332,906		13	M	M28c	26859M28c	EGWO		49			6,277.225	3,144.662		
6752,673	3978,146		26859M28	STWO	49	6752,673	2879,157		144	M	M28c	26859M28c	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
7991,782	4815,497		26867A04f	STWO	42	7991,782	5301,306		8	A	A04f	26857A04f	STWO	42	40	-2	0	7,859.686	4,834.514	-1.55	1.55
8074,282	4384,792		26875M29	EGWO	49	8074,282	4720,962		2	M	M29c	26875M29c	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
5775,397	3689,652		26875M29	STWO	41	5775,397	2525,851		2	M	M29c	26875M29c	STWO	41	38	-3	0	6,277.225	3,567.125	-3.65	1.55
5703,125	3830,489		26883N62b	EGWO	37	5703,125	3539,139		16	N	N62b	26883N62b	EGWO	33	33	0	4	6,277.225	3,989.588	0.55	5.45
6773,917	4299,799		26905E13e	STWO	49	6773,917	3484,756		44	E	E13e	26905E13e	STWO	40	36	-4	9	6,277.225	4,412.051	-3.65	9.35
6316,869	4011,604		26905E13f	STWO	49	6316,869	3238,588		109	E	E13f	26905E13f	STWO	40	36	-4	9	6,277.225	3,989.588	-3.65	9.35
4593,217	3035		26913N66b	EGWO	22	4593,217	3270,809		76	N	N66b	26913N66b	EGWO		29			4,694.765	3,144.662		
4347,316	3599,108		26913N66b	STWO	31	4347,316	3000,871		9	N	N66b	26913N66b	STWO	20	15	-5	11	4,694.765	3,567.125	-5.75	9.35

4935,897	3100,786	[redacted]	26913N66e	EGWO		4935,897	3729,23	[redacted]	1	N	N66e	26913N66e	EGWO				4,694.765		3,144.662										
3928,885	2615,672		26921F83a	EGWO	31	3928,885	2683,254		18	F	F83a	26921F83a	EGWO	31	33	2	0	4,694.765		2,722.199	2.65	1.55							
6943,82	4174,929		26948A03f	STWO	35	6943,82	3697,07		1	A	A03f	26948A03f	STWO	42	38	-4	-7	6,277.225		3,989.588	-3.65	-6.25							
5648,159	2819,113		26964K91c	EGWO	49	5648,159	2692,454		19	K	K91c	26954K91c	EGWO	49	49	0	0	6,277.225		2,722.199	0.55	1.55							
10597,01			26972K46c	EGWO		10597,01	3142,449		28	K	K46c	26972K46c	EGWO					11,024.607											
7836,705	4295,4		26972K46c	STWO	49	7836,705	2790,894		44	K	K46c	26972K46c	STWO					7,859.686		4,412.051									
6311,713	3840,542		26980M29	STWO	43	6311,713	3489,853		57	M	M29c	26980M29c	STWO	40	38	-2	3	6,277.225		3,989.588	-1.55	1.55							
4887,327	3624,8		27030N65l	EGWO	33	4887,327	3406,004		4	N	N65b	27030N65b	EGWO	28	32	4	5	4,694.765		3,567.125	4.75	5.45							
4915,982	3432,116		27049N65l	EGWO	32	4915,982	3361,433		19	N	N65b	27049N65b	EGWO	26	30	4	6	4,694.765		3,567.125	4.75	5.45							
7232,694	4309,059		27065E42c	STWO	49	7232,694	3662,326		181	E	E42c	27065E42c	STWO	42	40	-2	7	7,859.686		4,412.051	-1.55	5.45							
7207,718	4327,518		27065E42c	STWO	49	7207,718	3697,543		94	E	E42d	27065E42d	STWO	42	40	-2	7	7,859.686		4,412.051	-1.55	5.45							
6443,083	4079,937		27073E38c	STWO	49	6443,083	3167,468		268	E	E38d	27073E38d	STWO	38	36	-2	11	6,277.225		3,989.588	-1.55	9.35							
6786,843	4247,535		27073E41c	STWO	49	6786,843	3352,591		270	E	E41c	27073E41c	STWO	39	37	-2	10	6,277.225		4,412.051	-1.55	9.35							
6838,49	4272,538		27073E42c	STWO	48	6838,49	3572,415		298	E	E42c	27073E42c	STWO	40	37	-3	8	6,277.225		4,412.051	-3.65	9.35							
6796,929	4256,564		27073E42c	STWO	46	6796,929	3646,252		191	E	E42d	27073E42d	STWO	39	37	-2	7	6,277.225		4,412.051	-1.55	5.45							
3462,479	3335,517		27081F81a	STWO	7	3462,479	3517,816		216	F	F81a	27081F81a	STWO	10	8	-2	-3	3,112.304		3,144.662	-1.55	-2.35							
4288,138	3719,738		27081F82a	STWO	13	4288,138	3695,051		46	F	F82a	27081F82a	STWO	13	14	1	0	4,694.765		3,567.125	0.55	1.55							
4289,735	2549,667		27081F82b	EGWO	43	4289,735	2395,697		27	F	F82b	27081F82b	EGWO	36	40	4	7	4,694.765		2,722.199	4.75	5.45							
3971,654	3323,614		27081F82b	STWO	18	3971,654	3245,463		288	F	F82b	27081F82b	STWO	19	16	-3	-1	4,694.765		3,144.662	-3.65	-2.35							
3413,697	3234,757		27081F83a	STWO	5	3413,697	3393,461		48	F	F83a	27081F83a	STWO	10	5	-5	-5	3,112.304		3,144.662	-5.75	-6.25							
4448,668	3141,361		27138F80b	EGWO	21	4448,668	3416,97		135	F	F80b	27138F80b	EGWO	25	28	3	-4	4,694.765		3,144.662	2.65	-2.35							
6204,819	4262,995		27138F82b	EGWO	42	6204,819	4546,77		1	F	F82b	27138F82b	EGWO	36	39	3	6	6,277.225		4,412.051	2.65	5.45							
4817,435	3009,493		27138F84c	EGWO	33	4817,435	3513		9	F	F84c	27138F84c	EGWO	28	36	8	5	4,694.765		3,144.662	8.95	5.45							
4508,149	3031,025		27138F88j	EGWO	31	4508,149	3018,386		73	F	F88j	27138F88j	EGWO	26	30	4	5	4,694.765		3,144.662	4.75	5.45							
4525,407	3525,771		27138F88j	STWO	30	4525,407	3017,184		9	F	F88j	27138F88j	STWO	22	17	-5	8	4,694.765		3,567.125	-5.75	9.35							
3539,51	3385,392		27146F81c	STWO	11	3539,51	3539,28		501	F	F81c	27146F81c	STWO	14	13	-1	-3	3,112.304		3,567.125	-1.55	-2.35							
6602,933	3082,524		27162M55	EGWO	49	6602,933	2813,25		8	M	M55h	27162M55h	EGWO	49	49	0	0	6,277.225		3,144.662	0.55	1.55							
5554,879	3622,812		27170N62l	EGWO	35	5554,879	3596,944		32	N	N62b	27170N62b	EGWO	36	35	-1	-1	6,277.225		3,567.125	-1.55	-2.35							
4785,095	3608,878		27189F89c	EGWO	32	4785,965	3252,322		268	F	F89c	27189F89c	STWO	28	27	-1	4	4,694.765		3,567.125	-1.55	5.45							
8843,397	4148,321		27197K91c	EGWO	49	8843,397	4022,882		4	K	K91c	27197K91c	EGWO	48	47	-1	1	9,442.146		3,989.588	-1.55	1.55							
6108,46	2949,381		27227K90c	EGWO	49	6108,46	2668,429		19	K	K90c	27227K90c	EGWO	49	49	0	0	6,277.225		3,144.662	0.55	1.55							
4861,824	2881,419		27235K90c	EGWO	48	4861,824	2353,767		19	K	K90d	27235K90d	EGWO	44	42	-2	4	4,694.765		2,722.199	-1.55	5.45							
6319,531	4316,73		27243A01c	EGWO		7100			1	A	A01c	27243A01c	EGWO	39				6,277.225		4,412.051									
6359,306	4513,268		27243A01c	STWO	33	6359,306	5315,097		22	A	A01c	27243A01c	STWO	39	34	-5	-6	6,277.225		4,412.051	-5.75	-6.25							
5827,586	3862,774		27251A00c	STWO	30	5827,586	3640,76		1	A	A00c	27251A00c	STWO	39	35	-4	-9	6,277.225		3,989.588	-3.65	-10.15							
6945,194	4553,355		27251A00e	STWO	29	6945,194	5253,596		7	A	A00e	27251A00e	STWO	40	34	-6	-11	6,277.225		4,412.051	-5.75	-10.15							
6231,538	4505,625		27278A00c	STWO	27	6231,538	5023,816		26	A	A00c	27278A00c	STWO	37	32	-5	-10	6,277.225		4,412.051	-5.75	-10.15							
7449,02	4616,036		27278A00e	STWO	29	7449,02	5416,831		14	A	A00e	27278A00e	STWO	42	38	-4	-13	7,859.686		4,412.051	-3.65	-14.05							
6656,299	4185,685		27286K53a	STWO	48	6656,299	3463,486		87	K	K53a	27286K53a	STWO	40	37	-3	8	6,277.225		3,989.588	-3.65	9.35							
8672,375	4311,315		27294A02b	EGWO	49	8672,375	4476,916		3	A	A02b	27294A02b	EGWO	49	49	0	0	9,442.146		4,412.051	0.55	1.55							
7850,592	4627,26		27294A02b	STWO	43	7850,592	4726,048		12	A	A02b	27294A02b	STWO	45	41	-4	-2	7,859.686		4,834.514	-3.65	-2.35							
6597,012	3401,513		27308A06g	EGWO	45	6597,012	4109,387		3	A	A06g	27308A06g	EGWO	49	49	0	-4	6,277.225		3,567.125	0.55	-2.35							
7197,586	4512,32		27308A06g	STWO	41	7197,586	4373,192		93	A	A06g	27308A06g	STWO	42	39	-3	-1	7,859.686		4,412.051	-3.65	-2.35							
3994,911	2766,555		27316F83a	EGWO	29	3994,911	2842,874		26	F	F83a	27316F83a	EGWO	28	31	3	1	4,694.765		2,722.199	2.65	1.55							
6648,718	4225,597		27367A01c	EGWO	30	6648,718	4955,38		2	A	A01d	27367A01d	EGWO	43	44	1	-13	6,277.225		4,412.051	0.55	-14.05							
7178,953	4452,656		27367A01c	STWO	32	7178,953	4797,775		24	A	A01d	27367A01d	STWO	39	36	-3	-7	7,859.686		4,412.051	-3.65	-6.25							
12728,75			27375A02c	EGWO	49	12728,75			2	A	A02c	27375A02c	EGWO	49	49	0	0	12,607.067			0.55	1.55							
7531,401	4452,394		27375A02c	STWO	46	7531,401	4071,442		9	A	A02c	27375A02c	STWO	47	41	-6	-1	7,859.686		4,412.051	-5.75	-2.35							
7553,82	3662,968		27391A04c	EGWO	43	7553,82	4294,747		7	A	A04d	27391A04d	EGWO	49	49	0	-6	7,859.686		3,567.125	0.55	-6.25							
7006,298	4431,509		27391A04c	STWO	36	7006,298	4475,075		83	A	A04d	27391A04d	STWO	39	37	-2	-3	6,277.225		4,412.051	-1.55	-2.35							
5146,067			27405A00a	EGWO	32	5146,067			1	A	A00a	27405A00a	EGWO	43	45	2	-11	4,694.765			2.65	-10.15							
6742,647	4534,107		27405A00a	STWO	30	6742,647	5116,684		2	A	A00a	27405A00a	STWO	38	35	-3	-8	6,277.225		4,412.051	-3.65	-6.25							
5500	3900,014		27405A00b	STWO	26	5500	4241,265		1	A	A00b	27405A00b	STWO	36	32	-4	-10	6,277.225		3,989.588	-3.65	-10.15							
5988,866	4094,326		27405A01c	STWO	33	5988,866	4187,335		2	A	A01c	27405A01c	STWO	39	34	-5	-6	6,277.225		3,989.588	-5.75	-6.25							
6843,859	4489,015		27405A01e	STWO	29	6843,859	4899,416		9	A	A01e	27405A01e	STWO	38	34	-4	-9	6,277.225		4,412.051	-3.65	-10.15							
7167,381	4724,037		27413A00c	STWO	26	7167,381	5347,985		12	A	A00c	27413A00c	STWO	37	34	-3	-11	7,859.686		4,834.514	-3.65	-10.15							
6555,941	3977,672		27421A00b	EGWO	30	6555,941	4777,002		5	A	A00b	27421A00b	EGWO	39	41	2	-9	6,277.225		3,989.588	2.65	-10.15							
5840,805	4084,725		27421A00b	STWO	21	5840,805	4578,887		29	A	A00b	27421A00b	STWO	34	29	-5	-13	6,277.225		3,989.588	-5.75	-14.05							
7535,758	4661,319		27448A00e	STWO	34	7535,758	5426,177		3	A	A00e	27448A00e	STWO	42	36	-6	-8	7,859.686		4,834.514	-5.75	-6.25							
6850,496	3172,322		27499A04c	EGWO	48	6850,496	3242,395		5	A	A04d	27499A04d	EGWO	49	49	0	-1	6,277.225		3,144.662	0.55	-2.35							
7017,027	4474,66		27499A04c	STWO	32	7017,027	4819,003		31	A	A04d	27499A04d	STWO	38	36	-2	-6	6,277.225		4,412.051	-1.55	-6.25							
6865,922	3371,704		27499A04e	EGWO	41	6865,922	3986,006		1	A	A04e	27499A04e	EGWO	47	48	1	-6	6,277.225		3,567.125	0.55	-6.25							
6973,39	4270,161		27499A04e	STWO	41	6973,39	4152,804		51	A	A04e	27499A04e	STWO	41	39	-2	0	6,277.225		4,412.051	-1.55	1.55							
6936,172	4230,157		27499A04f	STWO	47	6936,172	3923,617		73	A	A04f	27499A04f	STWO	43	41	-2	4	6,277.225		4,412.051	-1.55	5.45							
6662,474	4141,728		27561M27	STWO	49	6662,474	3172,705		130	M	M27b	27561M27b	STWO	42	38	-4	7	6,277.225		3,989.588	-3.65	5.45							
4791,188	2811,335		27618K90c	EGWO	49	4791,188	2325,775		19	K	K90d	27618K90d	EGWO	43	42	-1	6	4,694.765		2,722.199	-1.55	5.45							
5192,42	3433,457		27626N63a	EGWO	37	5192,42	3258,354		20	N	N63a	27626N63a	EGWO	31	34	3	6	4,694.765		3,567.125	2.65	5.45							
4522,125	3517,133		27650F87c	STWO	24	4522,125	3363,922		194	F	F87d	27650F87d	STWO	18	20	2	6	4,694.765		3,567.125	2.65	5.45							
7211,846	4098,076		27677E20a	STWO	49	7211,846	2912,994		69	E	E20a	27677E20a	STWO	44	42	-2	5	7,859.686		3,989.588	-1.55	5.45							
7043,2	3554,253		27677E20b	EGWO	49	7043,2	3818,896		4	E	E20b	27677E20b	EGWO					6,277.225		3,567.125									
6890,596	4129,456		27677E20b	STWO	49	6890,596	3011,577		235	E	E20b	27677E20b	STWO	43	40	-3	6	6,277.225		3,989.588	-3.65	5.45							
6814,725	4117,302		27677E20c	STWO	49	6814,725	3126,144		99	E	E20c	27677E20c	STWO	42	39	-3	7	6,277.225		3,989.588	-3.65	5.45							
5912,333			27677E21a	EGWO		5912,333	2798,546		2	E	E21a	27677E21a	EGWO					6,277.225											
7153,887	4159,505		27677E21a	STWO	49	7153,887	3039,499		313	E	E21a	27677E21a	STWO	42	42	0	7	7,859.686		3,989.588	0.55	5.45							
7810,935	3939,356		27677E21b	EGWO	49	7810,935	3916,486		9	E	E21b	27677E21b	EGWO	49	49	0	0	7,859.686		3,989.588	0.55	1.55							
6938,443	4122,314		27677E21b	STWO	49	6938,443	3226,111		184	E	E21b	27677E21b	STWO	44	40	-4	5	6,277.225		3,989.588	-3.65	5.45							
8809,211	3866,662		27677E22a	EGWO		8809,211	3800,885		1	E	E22a	27677E22a	EGWO					9,442.146		3,989.588									
7683,142	4336,246		27677E22a	STWO	49	7683,142	3282,312		93	E	E22a	27677E22a	STWO	46	43	-3	3	7,859.686		4,412.051	-3.65	1.55							
8820,451	3841,878		27677E22b	EGWO		9692,298	4201,648		3	E	E22b	27677E22b	EGWO		49			9,442.146		3,989.588									
6273,548	4001,872		27677E22b	STWO	49	6276,78	3114,916		107	E	E22b	27677E22b	STWO	42	37	-5	7	6,277.225		3,989.588	-5.75	5.45							
4084,441	3738,211		27685N68c	STWO	6	4084,441	4179,275		45	N	N68c	27685N68c	STWO	10	9	-1	-4	4,694.765		3,567.125	-1.55	-2.35							
4751,314	3658,761		27693K90c	STWO	25	4751,314	3538,117		45	K	K90c	27693K90c	STWO	30	23	-7	-5	4,694.765		3,567.125	-7.85	-6.25							
8048,616	4353,514		27715K47b	STWO	49	8048,616	3122,597		205	K	K47b	27715K47b	STWO	49	46	-3	0	7,859.686		4,412.051	-3.65	1.55							
10102,02	4118,366		27715K47c	EGWO	49	10102,02	3630,135		6	K	K47c	27715K47c	EGWO		49			9,442.146		3,989.588									
9101,095	4358,663		27715K47c	STWO		9101,095	3135,303		89	K	K47c	27715K47c	STWO					9,442.146		4,412.051									
6875,392	4111,809		27758M30	STWO	49	6875,392	3324,982		31	M	M30b	27758M30b	STWO	42	40	-2	7	6,277.225		3,989.588	-1.55	5.45							
7865,47	4387,316		27766A03e	STWO	46	7865,47	4154,683		51	A	A03e	27766A03e	STWO	44	40	-4	2	7,859.686		4,412.051	-3.65	1.55							
10190,91	4416,908		27790E22a	EGWO		10190,91	4110,251		1	E	E22a	27790E22a	EGWO					9,442.146		4,412.051									
8222,379	4372,202		27790E22a	STWO	49	8222,379	3303,808		12	E	E22a	27790E22a	STWO	49	46	-3	0	7,859.686		4,412.051	-3.65	1.55							
7659,751	4775,87		27804A01g	STWO	33	7659,751	5196,813		4	A	A01g	27804A01g	STWO		38			7,859.686		4,834.514									
5123,64	3760,045		27812M31	STWO	38	5143,717	3064,745		55	M	M31c	27812M31c	STWO	30	27	-3	8	4,694.765		3,567.125	-3.65	9.35							
9444,751			27820K47c	EGWO	49	9444,751	2352,362		1	K	K47c	27820K47c	EGWO		49			9,442.146											
8111,73	4215,76		27820K47c	STWO		8111,73	2745,429		64	K	K47c	27820K47c	STWO					7,859.686		4,412.051									
7078,772	4373,262		27839K26c	STWO	49	7078,772	3553,92		19	K	K26c	27839K26c	STWO	42	38	-4	7	7,859.686		4,412.051	-3.65	5.45							
7218,152	3833,322		27847A06a	EGWO	40	7218,152	4510,824		2	A	A06a	27847A06a	EGWO	47	48	1	-7	7,859.686		3,989.588	0.55	-6.25							
6695,457	4192,593		27847A06a	STWO	45	6695,457	3511,524		6	A	A06a	27847A06a	STWO	43	40	-3	2	6,277.225		3,989.588	-3.65	1.55							
7301,329	3633,957		27855A06a	EGWO	42	7301,329	4231,93		6	A	A06a	27855A06a	EGWO	49	49	0	-7	7,859.686		3,567.125	0.55	-6.25							
7798,377	4634,273		27855A06a	STWO	40	7798,377	4645,629		147	A	A06a	27855A06a	STWO	43	40	-3	-3	7,859.686		4,834.514	-3.65	-2.35							
7931,028	4151,431		27863A06a	EGWO	40	7931,028	4584,499		5	A	A06a	27863A06a	EGWO	47	48	1	-7	7,859.686		3,989.588	0.55	-6.25							
7631,953	4542,586		27863A06a	STWO	40	7631,953	4543,558		83	A	A06a	27863A06a	STWO	43	39	-4	-3	7,859.686		4,412.051	-3.65	-2.35							
6342,397	3023,899		27901M33	EGWO	49	6342,397	2559,474		81	M	M33e	27901M33e	EGWO	49	49	0	0	6,277.225		3,144.662	0.55	1.55							
5672,427	3822,767		27901M33	STWO	35	5672,427	3513,288		31	M	M33e	27901M33e	STWO	35	33	-2	0	6,277.225		3,989.588	-1.55	1.55							
5215,533	3194,447		27936N67a	EGWO	38	5215,533	3252,179		16	N	N67a	27936N67a	EGWO	34	38	4	4	4,694.765		3,144.662	4.75	5.45							

3680,556	3177,983	[redacted]	27944N71c	STWO	39	3680,556	2160,76	[redacted]	1	N	N71c	27944N71c	STWO	31	30	-1	8	3,112.304	3,144.662	-1.55	9.35
4575,61	3637,486		27960N60b	STWO	38	4575,61	2639,282		2	N	N60b	27960N60b	STWO	28	27	-1	10	4,694.765	3,567.125	-1.55	9.35
2980,769	2088,504		27960N71c	EGWO	38	2980,769	2216,66		1	N	N71c	27960N71c	EGWO		41			3,112.304	2,299.736		
5472,157	3936,033		27960N71c	STWO	34	5472,157	3628,259		48	N	N71c	27960N71c	STWO	27	27	0	7	4,694.765	3,989.588	0.55	5.45
6897,716	4092,763		28002E43a	STWO	49	6897,716	3152,732		122	E	E43a	28002E43a	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
6783,479	3987,794		28010E43a	STWO	49	6783,479	2948,46		232	E	E43a	28010E43a	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
7161,123	4415,859		28037K23c	STWO	44	7161,123	3978,927		84	K	K23d	28037K23d	STWO	42	38	-4	2	7,859.686	4,412.051	-3.65	1.55
6113,995	3765,833		28037K48f	STWO	49	6113,995	2610,815		64	K	K48f	28037K48f	STWO	43	39	-4	6	6,277.225	3,567.125	-3.65	5.45
6916,721	3940,413		28037K49f	STWO	49	6916,721	2605,599		67	K	K49f	28037K49f	STWO	47	43	-4	2	6,277.225	3,989.588	-3.65	1.55
5254,935	3481,666		28037K59a	STWO	33	5254,935	3393,816		84	K	K59a	28037K59a	STWO	37	33	-4	-4	4,694.765	3,567.125	-3.65	-2.35
7221,19	3089,624		28045M56	EGWO	49	7221,19	2836,95		6	M	M56c	28045M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6810,058	3939,809		28045M56	STWO	49	6810,058	2739,21		8	M	M56c	28045M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
7851,227	3955,356		28053A06f	EGWO	42	7851,227	4436,471		8	A	A06h	28053A05h	EGWO	49	49	0	-7	7,859.686	3,989.588	0.55	-6.25
8159,812	4680,669		28053A06f	STWO	47	8159,812	4381,668		27	A	A06h	28053A05h	STWO	45	44	-1	2	7,859.686	4,834.514	-1.55	1.55
7982,55	4180,806		28061A06f	EGWO	44	7982,55	4730,581		5	A	A06h	28061A05h	EGWO	49	48	-1	-5	7,859.686	3,989.588	-1.55	-6.25
7799,626	4375,715		28061A06f	STWO	47	7799,626	3819,351		55	A	A06h	28061A05h	STWO	45	43	-2	2	7,859.686	4,412.051	-1.55	1.55
6920,089	4193,62		28088K26c	STWO	49	6920,089	3460,873		19	K	K26c	28088K26c	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
7177,803	3237,199		28096M55	EGWO	49	7177,803	3223,123		39	M	M55h	28096M55h	EGWO		49			7,859.686	3,144.662		
6078,514	3986,764		28096M55	STWO	46	6078,514	3054,176		22	M	M55h	28096M55h	STWO	35	36	1	11	6,277.225	3,989.588	0.55	9.35
5881,077	3859,664		28134A00b	STWO	26	5881,077	3053,588		2	A	A00b	28134A00b	STWO	36	32	-4	-10	6,277.225	3,989.588	-3.65	-10.15
7011,198	4179,366		28169K48f	STWO	49	7011,198	3306,457		78	K	K48f	28169K48f	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
4157,272	2913,36		28177F77c	EGWO	27	4157,272	3027,091		97	F	F77c	28177F77c	EGWO	27	29	2	0	4,694.765	2,722.199	2.65	1.55
9873,846			28215K47b	EGWO	49	9873,846	3154,235		1	K	K47b	28215K47b	EGWO					9,442.146			
8572,991			28215K47b	STWO	49	8572,991	3051,278		14	K	K47b	28215K47b	STWO		46			7,859.686			
8445,016	4393,648		28215K47h	STWO	49	8445,016	3055,811		5	K	K47h	28215K47h	STWO	49	48	-1	0	7,859.686	4,412.051	-1.55	1.55
5768,615	3765,681		28258K52g	STWO	37	5768,615	3069,677		35	K	K52g	28258K52g	STWO	41	34	-7	-4	6,277.225	3,567.125	-7.85	-2.35
4820,787	3236,286		28266N65b	EGWO	34	4820,787	3191,839		10	N	N65b	28266N65b	EGWO	28	33	5	6	4,694.765	3,144.662	4.75	5.45
6097,598	4259,763		28274M55	STWO	36	6097,598	4754,303		33	M	M55h	28274M55h	STWO	30	30	0	6	6,277.225	4,412.051	0.55	5.45
3898,177	2689,758		28304F83a	EGWO	30	3898,177	2749,882		25	F	F83a	28304F83a	EGWO	27	31	4	3	3,112.304	2,722.199	4.75	1.55
6923,298	4228,923		28312K26b	STWO	49	6923,298	3426,554		12	K	K26b	28312K26b	STWO	43	39	-4	6	6,277.225	4,412.051	-3.65	5.45
6897,951	4418,613		28320A04c	STWO	33	6897,951	4672,407		28	A	A04c	28320A04c	STWO	38	36	-2	-5	6,277.225	4,412.051	-1.55	-6.25
3920,177	2782,212		28355N65a	EGWO	27	3920,177	2862,745		11	N	N65a	28355N65a	EGWO	22	29	7	5	4,694.765	2,722.199	6.85	5.45
4895,751	3689,85		28363K90c	STWO	28	4895,751	3524,964		45	K	K90c	28363K90c	STWO	29	24	-5	-1	4,694.765	3,567.125	-5.75	-2.35
4781	3196,554		28371N65c	EGWO	33	4781	3225,219		25	N	N65c	28371N65c	EGWO	29	33	4	4	4,694.765	3,144.662	4.75	5.45
11484,85	4575,953		28401K59a	EGWO	49	11484,85	3475,297		1	K	K59a	28401K59a	EGWO	49	49	0	0	11,024.607	4,412.051	0.55	1.55
3219,912	3072,951		28428N66f	STWO	8	3219,912	2985,958		80	N	N66f	28428N66f	STWO	7	7	0	1	3,112.304	3,144.662	0.55	1.55
4590,215	3866,523		28444F85c	STWO	9	4590,215	4237,423		36	F	F85c	28444F85c	STWO	17	15	-2	-8	4,694.765	3,989.588	-1.55	-6.25
4122,708	2853,745		28460F78c	EGWO	29	4122,708	2926,239		47	F	F78d	28460F78d	EGWO	28	31	3	1	4,694.765	2,722.199	2.65	1.55
6787,769	4118,051		28479K25c	STWO	49	6787,769	3189,302		74	K	K25d	28479K25d	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
4130,717	2838,84		28533F78b	EGWO	30	4130,717	2879,277		21	F	F78b	28533F78b	EGWO	28	31	3	2	4,694.765	2,722.199	2.65	1.55
3811,313	3547,175		28533F78b	STWO	31	3811,313	2806,249		5	F	F78b	28533F78b	STWO	20	19	-1	11	3,112.304	3,567.125	-1.55	9.35
7087,898	4219,583		28576K44c	STWO	49	7087,898	3300,303		120	K	K44c	28576K44c	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
5903,005	3654,844		28584M33	STWO	40	5903,005	3046,582		12	M	M33a	28584M33a	STWO	36	33	-3	4	6,277.225	3,567.125	-3.65	5.45
3880,6	2561,368		28606F86a	EGWO	39	4021,435	2513,35		9	F	F86a	28606F86a	EGWO	33	36	3	6	3,112.304	2,722.199	2.65	5.45
3787,382	3519,463		28606F86a	STWO	18	3787,382	3507,815		83	F	F86a	28606F86a	STWO	14	15	1	4	3,112.304	3,567.125	0.55	5.45
3977,474	2948,232		28622F81e	EGWO	23	3977,474	3081,069		35	F	F81e	28622F81e	EGWO	27	26	-1	-4	4,694.765	3,144.662	-1.55	-2.35
7372,036	4322,408		28630K25a	STWO	49	7372,036	3431,798		97	K	K25a	28630K25a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7534,247	4384,526		28630K25b	STWO	49	7534,247	3532,773		202	K	K25b	28630K25b	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
8317,771	4531,835		28649K47j	STWO	49	8317,771	3355,355		84	K	K47j	28649K47j	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
4460,829	2674,559		28657F85b	STWO	44	4460,829	2484,278		26	F	F85b	28657F85b	EGWO	38	40	2	6	4,694.765	2,722.199	2.65	5.45
3579,452	2597,726		28673F81e	EGWO	26	3579,452	2621,702		65	F	F81e	28673F81e	EGWO	26	27	1	0	3,112.304	2,722.199	0.55	1.55
3155,494	3017,568		28673F81e	STWO	7	3155,494	2657,63		136	F	F81e	28673F81e	STWO	8	7	-1	-1	3,112.304	3,144.662	-1.55	-2.35
3818,792			28673F82c	EGWO	42	3818,792			1	F	F82d	28673F82d	EGWO	34	38	4	8	3,112.304		4.75	9.35
3964,231	3385,52		28673F82c	STWO	13	3964,231	3441,321		337	F	F82d	28673F82d	STWO	17	15	-2	-4	4,694.765	3,567.125	-1.55	-2.35
4113,551	3477,354		28673F84c	STWO	24	4113,551	3143,663		183	F	F84c	28673F84c	STWO	20	20	0	4	4,694.765	3,567.125	0.55	5.45
4186,83	3684,194		28673F89a	STWO	13	4186,83	3910,572		24	F	F89a	28673F89a	STWO	13	13	0	0	4,694.765	3,567.125	0.55	1.55
4210,219	3698,729		28673F89b	STWO	13	4210,219	3939,502		45	F	F89b	28673F89b	STWO	13	12	-1	0	4,694.765	3,567.125	-1.55	1.55
10214,6	3686,197		28681K47a	EGWO	49	10214,6	2374,519		4	K	K47a	28681K47a	EGWO					9,442.146	3,567.125		
7114,11	4245,818		28681K47a	STWO	49	7114,11	3277,285		178	K	K47a	28681K47a	STWO		46			7,859.686	4,412.051		
6867,492	4257,161		28703A00d	STWO	34	6867,492	4575,742		8	A	A00d	28703A00d	STWO	42	38	-4	-8	6,277.225	4,412.051	-3.65	-6.25
7033,689	3966,409		28711A00d	EGWO	34	7033,689	4658,673		5	A	A00d	28711A00d	EGWO	42	44	2	-8	6,277.225	3,989.588	2.65	-6.25
6901,176	4252,316		28711A00d	STWO	38	6901,176	4289,254		35	A	A00d	28711A00d	STWO	43	38	-5	-5	6,277.225	4,412.051	-5.75	-6.25
7652,85	4425,547		28738E21a	STWO	49	7652,85	3419,813		150	E	E21a	28738E21a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
8226,798	4345,338		28746K46b	STWO	49	8226,798	3899,466		29	K	K46b	28746K46b	STWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
7331,696	4220,854		28746K48a	STWO	49	7331,696	3415,909		32	K	K48a	28746K48a	STWO	47	42	-5	2	7,859.686	4,412.051	-5.75	1.55
5703,42	3944,396		28762M29	STWO	42	5703,42	3578,73		124	M	M29b	28762M29b	STWO	34	31	-3	8	6,277.225	3,989.588	-3.65	9.35
7671,656			28789A07f	EGWO	49	7671,656	3399,519		2	A	A07h	28789A07h	EGWO	49	49	0	0	7,859.686		0.55	1.55
7654,871	4366,12		28789A07f	STWO	49	7654,871	3879,201		40	A	A07h	28789A07h	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55
4111,285	2811,138		28797F78c	EGWO	31	4111,285	2822,547		111	F	F78d	28797F78d	EGWO	29	31	2	2	4,694.765	2,722.199	2.65	1.55
6481,252	4128,032		28800E40c	STWO	49	6481,252	3088,429		217	E	E40c	28800E40c	STWO	40	36	-4	9	6,277.225	3,989.588	-3.65	9.35
3856,917	2597,519		28819F78c	EGWO	33	3856,917	2487,975		13	F	F78d	28819F78d	EGWO	28	33	5	5	3,112.304	2,722.199	4.75	5.45
3948,82	3219,099		28819F78c	STWO	21	3948,82	3074,604		100	F	F78d	28819F78d	STWO	16	17	1	5	4,694.765	3,144.662	0.55	5.45
6112,345	4039,09		28827M29	STWO	42	6112,345	3237,844		139	M	M29a	28827M29a	STWO	40	34	-6	2	6,277.225	3,989.588	-5.75	1.55
6676,519	4481,89		28843A00b	STWO	26	6676,519	5150,681		2	A	A00b	28843A00b	STWO	36	32	-4	-10	6,277.225	4,412.051	-3.65	-10.15
7301,748	4359,365		28886K25c	STWO	49	7301,748	3471,29		68	K	K25d	28886K25d	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
4017,747	2657,315		28908N70b	EGWO	39	4017,747	2577,043		32	N	N70b	28908N70b	EGWO	33	36	3	6	4,694.765	2,722.199	2.65	5.45
5344,404	3408,883		28924N60c	EGWO	37	5344,404	3348,79		43	N	N60c	28924N60c	EGWO	34	36	2	3	4,694.765	3,567.125	2.65	1.55
3901,989	2706,411		28932F81e	EGWO	28	3901,989	2790,378		23	F	F81e	28932F81e	EGWO	28	30	2	0	3,112.304	2,722.199	2.65	1.55
7423,515	4402,273		28959A05d	STWO	40	7423,515	4426,188		110	A	A05d	28959A05d	STWO	39	37	-2	1	7,859.686	4,412.051	-1.55	1.55
4866,683	3517,794		28967N65b	EGWO	30	4866,683	3391,038		22	N	N65b	28967N65b	EGWO	24	28	4	6	4,694.765	3,567.125	4.75	5.45
5386,009	3820,654		28975N65b	EGWO	32	5386,009	3673,795		8	N	N65b	28975N65b	EGWO	24	29	5	8	4,694.765	3,989.588	4.75	9.35
7407,26	4455,823		28983A08c	STWO	38	7407,26	4576,438		74	A	A08d	28983A08d	STWO	42	40	-2	-4	7,859.686	4,412.051	-1.55	-2.35
6883,107	4283,067		28991A08c	STWO	35	6883,107	4374,752		74	A	A08d	28991A08d	STWO	39	36	-3	-4	6,277.225	4,412.051	-3.65	-2.35
5897,638	3493,785		29009A08c	EGWO	42	5897,638	4417,582		1	A	A08d	29009A08d	EGWO	49	49	0	-7	6,277.225	3,567.125	0.55	-6.25
7172,291	4387,526		29009A08c	STWO	39	7172,291	4398,034		130	A	A08d	29009A08d	STWO	41	39	-2	-2	7,859.686	4,412.051	-1.55	-2.35
7187,27	3381,992		29017A08c	EGWO	47	7187,27	3528,439		5	A	A08d	29017A08d	EGWO	49	49	0	-2	7,859.686	3,567.125	0.55	-2.35
6124,674	3296,082		29025A08c	EGWO	40	6124,674	3684,61		16	A	A08d	29025A08d	EGWO	49	49	0	-9	6,277.225	3,144.662	0.55	-10.15
3782,443	4235,555		29025A08c	STWO	40	3782,443	4234,893		251	A	A08d	29025A08d	STWO	39	40	1	1	3,112.304	4,412.051	0.55	1.55
7098,838	3476,841		29033A08c	EGWO	43	7098,838	4012,051		19	A	A08d	29033A08d	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
5275,206	4432,184		29033A08c	STWO	40	5275,206	4425,289		314	A	A08d	29033A08d	STWO	42	40	-2	-2	4,694.765	4,412.051	-1.55	-2.35
6336,131	3986,041		29041A08c	EGWO	42	6336,131	3792,448		3	A	A08d	29041A08d	EGWO	49	49	0	-7	6,277.225	3,989.588	0.55	-6.25
7010,225	4280,098		29041A08c	STWO	42	7010,225	4105,023		83	A	A08d	29041A08d	STWO	41	39	-2	1	6,277.225	4,412.051	-1.55	1.55
6587,437	3183,632		29068A08c	EGWO	46	6587,437	3540,593		6	A	A08d	29068A08d	EGWO	49	49	0	-3	6,277.225	3,144.662	0.55	-2.35
4777,845	5078,314		29068A08c	STWO	40	4777,845	5891,315		20	A	A08d	29068A08d	STWO	42	40	-2	-2	4,694.765	5,256.977	-1.55	-2.35
4429,715	2909,474		29084F77f	EGWO	36	4429,715	2825,543		24	F	F77f	29084F77f	EGWO	31	34	3	5	4,694.765	2,722.199	2.65	5.45
4860,149	3233,945		29106N65b	EGWO	34	4860,149	3220,676		23	N	N65b	29106N65b	EGWO	29	33	4	5	4,694.765	3,144.662	4.75	5.45
4813,459	3333,918		29114N65b	EGWO	31	4813,459	3319,098		27	N	N65b	29114N65b	EGWO	28	31	3	3	4,694.765	3,144.662	2.65	1.55
6778,687	3493,326		29149M57	EGWO	49	6778,687	3171,561		48	M	M57a	29149M57a	EGWO	46	49	3	3	6,277.225	3,567.125	2.65	1.55
5368,873	3808,038		29149M57	STWO	46	5368,873	2921,442		53	M	M57a	29149M57a	STWO	26	29	3	20	4,694.765	3,989.588	2.65	21.05
3848,577	2807,476		29165N65a	EGWO	25	3848,577	2895,657		12	N	N65a	29165N65a	EGWO	19	27	8	6	3,112.304	2,722.199	8.95	5.45
3823,529	2440,084		29203F87c	EGWO		3823,529	2313,62		1	F	F87c	29203F87c	EGWO					3,112.304	2,299.736		
5579,135	4101,765		29203F87c	STWO	37	5579,135	3668,389		208	F	F87c	29203F87c	STWO	30	32	2	7	6,277.225	3,989.588	2.65	5.45
6985,415	4303,716		29211K26c	STWO	49	6985,415	3484,665		75	K	K26c	29211K26c	STWO	42	38	-4	7	6,277.225	4,412.051	-3.65	5.45

6177,004	3990,698	[redacted]	29246E13c	STWO	36	6177,004	3872,454	[redacted]	117	E	E13d	29246E13d	STWO	34	31	-3	2	6,277.225	3,989.588	-3.65	1.55
6778,347	4380,553		29246E13e	STWO	44	6778,347	3791,827		81	E	E13e	29246E13e	STWO	39	35	-4	5	6,277.225	4,412.051	-3.65	5.45
6408,534	3938,602		29262M29	STWO	39	6408,534	3910,243		118	M	M29c	29252M29c	STWO	42	39	-3	-3	6,277.225	3,989.588	-3.65	-2.35
3368,642	3592,906		29270N71c	STWO	39	3368,642	2532,085		2	N	N71c	29270N71c	STWO	31	30	-1	8	3,112.304	3,567.125	-1.55	9.35
4801,305	3266,632		29300N65c	EGWO	33	4801,305	3230,154		44	N	N65c	29300N65c	EGWO	29	32	3	4	4,694.765	3,144.662	2.65	5.45
5931,395	3975,062		29319M29	STWO	44	5931,395	3287,941		65	M	M29a	29319M29a	STWO	38	33	-5	6	6,277.225	3,989.588	-5.75	5.45
5612,548	3926,269		29319M29	STWO	42	5612,548	3239,026		7	M	M29b	29319M29b	STWO	37	31	-6	5	6,277.225	3,989.588	-5.75	5.45
5142,814	3522,828		29327N65l	EGWO	32	5142,814	3486,391		22	N	N65b	29327N65b	EGWO	27	31	4	5	4,694.765	3,567.125	4.75	5.45
4601,111	3034,159		29335N73g	EGWO	32	4601,111	3631,185		2	N	N73g	29335N73g	EGWO	35	37	2	-3	4,694.765	3,144.662	2.65	-2.35
7634,249			29343M28	EGWO	46	7634,249			14	M	M28c	29343M28c	EGWO		49			7,859.686			
6142,469	4282,779		29343M28	STWO	43	6142,469	4639,111		124	M	M28c	29343M28c	STWO	35	33	-2	8	6,277.225	4,412.051	-1.55	9.35
7115,385			29343M28	EGWO		7115,385			8	M	M28d	29343M28d	EGWO					7,859.686			
6108,556	4292,814		29343M28	STWO	36	6108,556	4690,193		51	M	M28d	29343M28d	STWO	35	32	-3	1	6,277.225	4,412.051	-3.65	1.55
6230,545	4205,806		29408E42c	STWO	41	6230,545	4731,269		24	E	E42d	29408E42d	STWO	34	32	-2	7	6,277.225	4,412.051	-1.55	5.45
7142,284	4327,68		29408E43a	STWO	49	7142,284	3549,821		113	E	E43a	29408E43a	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
6805,582	4141,838		29408E43b	STWO	49	6805,582	3255,236		312	E	E43b	29408E43b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6152,533	4052,98		29416E42b	STWO	46	6152,533	3334,984		77	E	E42b	29416E42b	STWO	37	34	-3	9	6,277.225	3,989.588	-3.65	9.35
6264,9	4149,293		29416E42c	STWO	42	6264,9	3601,304		45	E	E42d	29416E42d	STWO	35	33	-2	7	6,277.225	3,989.588	-1.55	5.45
6295,455	4293,278		29416E75c	STWO	48	6295,455	3651,966		3	E	E75d	29416E75d	STWO	38	38	0	10	6,277.225	4,412.051	0.55	9.35
3793,814			29416F86a	EGWO	44	3793,814			1	F	F86a	29416F86a	EGWO	38	41	3	6	3,112.304		2.65	5.45
4772,085	3493,536		29416F86a	STWO	28	4772,085	3236,77		121	F	F86a	29416F86a	STWO	24	25	1	4	4,694.765	3,567.125	0.55	5.45
4065,921	3347,851		29416F86b	STWO	28	4065,921	3115,026		166	F	F86b	29416F86b	STWO	18	18	0	10	4,694.765	3,144.662	0.55	9.35
7212,452	4253,129		29424E17a	STWO	49	7212,452	3278,447		143	E	E17a	29424E17a	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
5674,908	3904,717		29432M32	STWO	39	5674,908	3478,022		76	M	M32b	29432M32b	STWO	34	31	-3	5	6,277.225	3,989.588	-3.65	5.45
5724,972	4001,453		29440M30	STWO	38	5733,588	4316,237		143	M	M30a	29440M30a	STWO	31	29	-2	7	6,277.225	3,989.588	-1.55	5.45
7131,792	4016,291		29459K52t	STWO	49	7131,792	2942,25		87	K	K52b	29459K52b	STWO	42	40	-2	7	7,859.686	3,989.588	-1.55	5.45
5877,083	4071,319		29459K52g	STWO	27	5877,083	4262,924		96	K	K52g	29459K52g	STWO	32	31	-1	-5	6,277.225	3,989.588	-1.55	-6.25
6394,223	4035,084		29459K54t	STWO	47	6394,223	3386,503		172	K	K54b	29459K54b	STWO	38	37	-1	9	6,277.225	3,989.588	-1.55	9.35
6285,745	4067,722		29459K54c	STWO	48	6285,745	3280,465		113	K	K54c	29459K54c	STWO	37	35	-2	11	6,277.225	3,989.588	-1.55	9.35
6053,569	4042,914		29467M30	STWO	44	6053,569	3381,91		24	M	M30a	29467M30a	STWO	37	34	-3	7	6,277.225	3,989.588	-3.65	5.45
6148,867	3922,723		29475M30	STWO	48	6148,867	3008,415		61	M	M30a	29475M30a	STWO	37	36	-1	11	6,277.225	3,989.588	-1.55	9.35
6863,447	4135,052		29491M30	STWO	49	6863,447	3386,02		222	M	M30b	29491M30b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6913,797	4344,748		29556A00a	STWO	35	6913,797	4175,876		77	A	A00a	29556A00a	STWO	36	37	1	-1	6,277.225	4,412.051	0.55	-2.35
6741,176	4034,795		29556A01b	EGWO	24	6741,176	4840,296		1	A	A01b	29556A01b	EGWO	38	43	5	-14	6,277.225	3,989.588	4.75	-14.05
7069,182	4469,186		29556A01t	STWO	32	7180,818	4904,647		22	A	A01b	29556A01b	STWO	42	38	-4	-10	7,859.686	4,412.051	-3.65	-10.15
6080,06	3115,233		29556A04t	EGWO	36	6080,06	3850,778		2	A	A04b	29556A04b	EGWO	45	46	1	-9	6,277.225	3,144.662	0.55	-10.15
6501,557	4169,709		29556A04t	STWO	37	6501,557	4150,301		103	A	A04b	29556A04b	STWO	39	36	-3	-2	6,277.225	3,989.588	-3.65	-2.35
6820,313	3676,792		29556A04c	EGWO	39	6820,313	4409,087		1	A	A04c	29556A04c	EGWO	48	49	1	-9	6,277.225	3,567.125	0.55	-10.15
6467,832	4111,734		29556A04c	STWO	40	6467,832	3900,612		74	A	A04c	29556A04c	STWO	39	37	-2	1	6,277.225	3,989.588	-1.55	1.55
6682,165	4391,959		29556A04c	STWO	32	6682,165	4567,025		28	A	A04d	29556A04d	STWO	37	35	-2	-5	6,277.225	4,412.051	-1.55	-6.25
10969,33			29580K46c	EGWO		10969,33	3359,117		21	K	K46c	29580K46c	EGWO					11,024.607			
8015,61	4434,209		29580K46c	STWO	49	8015,61	3583,961		46	K	K46c	29580K46c	STWO					7,859.686	4,412.051		
8562,271	3578,539		29610A05c	EGWO	49	8562,271	3483,939		19	A	A05d	29610A05d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7273,178	4514,92		29610A05c	STWO	42	7273,178	4578,021		267	A	A05d	29610A05d	STWO	42	40	-2	0	7,859.686	4,412.051	-1.55	1.55
7904,138			29629A02a	EGWO	49	7904,138	3524,533		10	A	A02a	29629A02a	EGWO	49	49	0	0	7,859.686		0.55	1.55
8248,343	4626,434		29629A02a	STWO	49	8248,343	4191,109		89	A	A02a	29629A02a	STWO	48	45	-3	1	7,859.686	4,834.514	-3.65	1.55
8055,486	4166,079		29629A02b	EGWO	49	8055,486	3673,976		4	A	A02b	29629A02b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7707,471	4495,592		29629A02b	STWO	48	7707,471	4039,472		98	A	A02b	29629A02b	STWO	49	44	-5	-1	7,859.686	4,412.051	-5.75	-2.35
9400,162	4168,548		29629A02c	EGWO	49	9400,162	4258,212		11	A	A02c	29629A02c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8093,597	4522,879		29629A02c	STWO	48	8093,597	4251,519		255	A	A02c	29629A02c	STWO	48	44	-4	0	7,859.686	4,412.051	-3.65	1.55
8334,947	3850,885		29629A02c	EGWO	49	8334,947	4084,82		10	A	A02d	29629A02d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
8452,631	4663,467		29629A02c	STWO	48	8452,631	4430,695		70	A	A02d	29629A02d	STWO	49	45	-4	-1	7,859.686	4,834.514	-3.65	-2.35
9386,282	4096,446		29629A03a	EGWO	49	9386,282	4075,369		6	A	A03a	29629A03a	EGWO		49			9,442.146	3,989.588		
8079,637	4502,581		29629A03a	STWO	49	8079,637	4083,713		82	A	A03a	29629A03a	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
10167,28	4071,257		29629A03c	EGWO	49	10167,28	4218,454		45	A	A03c	29629A03c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8567,322	4839,081		29629A03c	STWO	45	8567,322	4888,754		102	A	A03c	29629A03c	STWO	48	45	-3	-3	7,859.686	4,834.514	-3.65	-2.35
8922,001	3829,299		29629A03c	EGWO	49	8922,001	3802,632		13	A	A03d	29629A03d	EGWO					9,442.146	3,989.588		
8972,739	4766,462		29629A03c	STWO	47	8972,739	4700,424		86	A	A03d	29629A03d	STWO	49	46	-3	-2	9,442.146	4,834.514	-3.65	-2.35
7372,45			29629A03g	EGWO	49	7372,45	3348,889		2	A	A03g	29629A03g	EGWO	49	49	0	0	7,859.686		0.55	1.55
7438,811	4447,553		29629A03g	STWO	48	7438,811	4180,133		49	A	A03g	29629A03g	STWO	48	44	-4	0	7,859.686	4,412.051	-3.65	1.55
7984,259	3575,866		29629A06c	EGWO	49	7984,259	3885,262		5	A	A06c	29629A06c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8481,76	4696,931		29629A06c	STWO	42	8481,76	4921,855		52	A	A06c	29629A06c	STWO	46	44	-2	-4	7,859.686	4,834.514	-1.55	-2.35
7595,533	3768,845		29629A06g	EGWO	45	7595,533	4545,379		3	A	A06g	29629A06g	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	-2.35
8220,199	4540,515		29629A06g	STWO	43	8220,199	4704,681		153	A	A06g	29629A06g	STWO	46	44	-2	-3	7,859.686	4,834.514	-1.55	-2.35
7775,215	3483,441		29629A06h	EGWO	44	7775,215	4022,687		2	A	A06h	29629A06h	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	-6.25
9121,554	4794,635		29629A06h	STWO	44	9121,554	5206,645		81	A	A06h	29629A06h	STWO	49	47	-2	-5	9,442.146	4,834.514	-1.55	-6.25
8697,045	4338,131		29629A06k	EGWO	45	8697,045	5003,174		2	A	A06k	29629A06k	EGWO	49	49	0	-4	9,442.146	4,412.051	0.55	-2.35
8926,731	4850,355		29629A06k	STWO	38	8925,731	5573,525		11	A	A06k	29629A06k	STWO	49	45	-4	-11	9,442.146	4,834.514	-3.65	-10.15
8549,626	3953,43		29629A06l	EGWO	45	8549,626	4726,23		12	A	A06l	29629A06l	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
8783,621	4807,494		29629A06l	STWO	42	8783,621	5146,981		63	A	A06l	29629A06l	STWO	48	45	-3	-6	9,442.146	4,834.514	-3.65	-6.25
8547,272	3639,427		29629A07c	EGWO	49	8547,272	3634,588		7	A	A07c	29629A07c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7445,572	4424,989		29629A07c	STWO	42	7445,572	4362,824		108	A	A07c	29629A07c	STWO	45	41	-4	-3	7,859.686	4,412.051	-3.65	-2.35
9772,857	4026,868		29629A07e	EGWO	49	9772,857	4222,976		35	A	A07e	29629A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7976,354	4517,008		29629A07e	STWO	46	7976,354	4300,448		110	A	A07e	29629A07e	STWO	47	44	-3	-1	7,859.686	4,412.051	-3.65	-2.35
8866,184	3663,641		29629A07g	EGWO	49	8866,184	3740,105		9	A	A07g	29629A07g	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
8337,142	4643,57		29629A07g	STWO	45	8337,142	4626,715		152	A	A07g	29629A07g	STWO	48	45	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7262,373	4113,831		29637A00e	EGWO	33	7262,373	4829,342		6	A	A00e	29637A00e	EGWO	41	43	2	-8	7,859.686	3,989.588	2.65	-6.25
6376,147	3992,32		29637A00e	STWO	34	6376,147	3627,04		1	A	A00e	29637A00e	STWO	42	36	-6	-8	6,277.225	3,989.588	-5.75	-6.25
7921,539	4669,501		29645A02a	STWO	41	7921,539	4886,526		19	A	A02a	29645A02a	STWO	45	41	-4	-4	7,859.686	4,834.514	-3.65	-2.35
7227,452	4420,756		29645A02b	STWO	43	7227,452	4366,413		24	A	A02b	29645A02b	STWO	44	39	-5	-1	7,859.686	4,412.051	-5.75	-2.35
9854,262	4768,327		29688K59a	EGWO	49	12688,52	5600,25		1	K	K59a	29688K59a	EGWO	49	49	0	0	9,442.146	4,834.514	0.55	1.55
9595,091	3453,844		29726K59a	EGWO	49	9981,257	2883,845		15	K	K59a	29726K59a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
9569,77	3630,511		29750K59a	EGWO	49	9564,992	2601,946		34	K	K59a	29750K59a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
5713,807	3133,776		29823F76a	EGWO	41	5713,807	3378,65		6	F	F76a	29823F76a	EGWO	31	36	5	10	6,277.225	3,144.662	4.75	9.35
3923,44	2590,414		29858F81e	EGWO	33	3923,44	2511,581		77	F	F81e	29858F81e	EGWO	32	34	2	1	4,694.765	2,722.199	2.65	1.55
4044,963	3717,236		29858F81e	STWO	6	4044,963	4622,213		20	F	F81e	29858F81e	STWO	8	7	-1	-2	4,694.765	3,567.125	-1.55	-2.35
7233,774	4167,274		29866A08t	STWO	39	7233,774	4393,742		9	A	A08b	29866A08b	STWO	45	42	-3	-6	7,859.686	3,989.588	-3.65	-6.25
5106			29874A08t	EGWO	37	5106	3316,695		1	A	A08b	29874A08b	EGWO					4,694.765			
6941,889	4254,034		29874A08t	STWO	42	6941,889	4009,249		11	A	A08b	29874A08b	STWO	41	40	-1	1	6,277.225	4,412.051	-1.55	1.55
4073,666	3297,804		29904T94j	EGWO	25	4073,666	4075,78		2	T	T94j	29904T94j	EGWO	26	29	3	-1	4,694.765	3,144.662	2.65	-2.35
3983,919	3167,87		29904T95c	EGWO	13	3983,919	3500,134		6	T	T95c	29904T95c	EGWO	14	20	6	-1	4,694.765	3,144.662	6.85	-2.35
3532,71	3172,367		29904T95c	STWO		3532,71	2335,016		1	T	T95c	29904T95c	STWO					3,112.304	3,144.662		
4782,192	3175,982		29912N65c	EGWO	34	4782,192	3166,958		58	N	N65c	29912N65c	EGWO	30	33	3	4	4,694.765	3,144.662	2.65	5.45
4638,934	3530,393		29912N65c	STWO	18	4638,934	3164,288		33	N	N65c	29912N65c	STWO	21	20	-1	-3	4,694.765	3,567.125	-1.55	-2.35
6577,441	3928,837		29920M56	EGWO	49	6577,441	2839,754		18	M	M56b	29920M56b	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
7091,829	3852,106		29963N62l	EGWO	40	7091,829	4095,371		14	N	N62b	29963N62b	EGWO	41	43	2	-1	7,859.686	3,989.588	2.65	-2.35
5175,999	3783,019		29971N61t	STWO	39	5175,999	3137,187		29	N	N61b	29971N61b	STWO	28	26	-2	11	4,694.765	3,989.588	-1.55	9.35
7927,35	3325,323		29998M56	EGWO	49	7927,35	3895,273		1	M	M56a	29998M56a	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6816,89	4043,187		29998M56	STWO	49	6816,89	2923,829		42	M	M56a	29998M56a	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
6464,821			29998M56	EGWO	49	6464,821	3142,545		2	M	M56b	29998M56b	EGWO	49	49	0	0	6,277.225		0.55	1.55
6696,669	3887,147		29998M56	STWO	49	6696,669	2688,96		75	M	M56b	29998M56b	STWO	45	42	-3	4	6,277.225	3,989.588	-3.65	5.45
7640,433	4548,302		30007K24t	STWO	49	7640,433	3601,626		105	K	K24b	30007K24b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
8028,013	4498,631		30007K24c	STWO	49	8028,013	3623,186		139	K	K24c	30007K24c	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55

7352,541	4051,158	[redacted]	30015K49e	STWO	49	7352,541	2591,59	[redacted]	29	K	K49e	30015K49e	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
7444,245	4448,624		30023A02b	STWO	43	7444,245	4387,335		16	A	A02b	30023A02b	STWO	45	40	-5	-2	7,859.686	4,412.051	-5.75	-2.35
8329,876	5053,112		30023A02c	STWO	40	8329,876	5671,031		6	A	A02c	30023A02c	STWO	43	39	-4	-3	7,859.686	5,256.977	-3.65	-2.35
8146,368	4890,084		30082A06h	STWO	42	8146,368	5260,896		7	A	A06h	30082A06h	STWO	43	40	-3	-1	7,859.686	4,834.514	-3.65	-2.35
6204,167	3964,614		30082A06j	STWO	39	6204,167	3184,945		3	A	A06j	30082A06j	STWO	40	36	-4	-1	6,277.225	3,989.588	-3.65	-2.35
7522,423	3999,702		30090A04h	EGWO	42	7522,423	4769,846		3	A	A04h	30090A04h	EGWO	48	49	1	-6	7,859.686	3,989.588	0.55	-6.25
7279,339	4517,555		30090A04f	STWO	36	7288,141	4750,393		61	A	A04h	30090A04h	STWO	41	39	-2	-5	7,859.686	4,412.051	-1.55	-6.25
6268,375	3932,037		30104A06j	STWO	44	6268,375	3024,365		21	A	A06j	30104A06j	STWO	42	37	-5	2	6,277.225	3,989.588	-5.75	1.55
5418,919	3923,206		30112A01f	STWO	36	5418,919	4253,896		1	A	A01f	30112A01f	STWO	43	39	-4	-7	4,694.765	3,989.588	-3.65	-6.25
7542,743	3628,019		30120A06h	EGWO	44	7542,743	4151,468		2	A	A06h	30120A06h	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	-6.25
7826,441	4503,226		30120A06h	STWO	42	7826,441	4642,905		58	A	A06h	30120A06h	STWO	46	41	-5	-4	7,859.686	4,412.051	-5.75	-2.35
4486,763	3232,22		30139F80b	EGWO	16	4486,763	3783,154		6	F	F80b	30139F80b	EGWO	24	28	4	-8	4,694.765	3,144.662	4.75	-6.25
5190,769	2756,941		30171N70b	EGWO	49	5190,769	2626,471		13	N	N70b	30171N70b	EGWO	39	46	7	10	4,694.765	2,722.199	6.85	9.35
4566,265	3490,914		30171N70b	STWO	26	4566,265	2734,879		1	N	N70b	30171N70b	STWO	18	21	3	8	4,694.765	3,567.125	2.65	9.35
7015,138	3052,238		30198M56c	EGWO	49	7015,138	2778,96		10	M	M56c	30198M56c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6531,168	3874,825		30198M56e	STWO	49	6531,168	2715,579		68	M	M56c	30198M56c	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
10355,56			30198M56e	EGWO		10355,56			1	M	M56e	30198M56e	EGWO					11,024.607			
5974,905	3833,175		30228N60a	EGWO	40	5974,905	3593,966		19	N	N60a	30228N60a	EGWO	35	36	1	5	6,277.225	3,989.588	0.55	5.45
6971,436	3803,687		30236A04c	EGWO	38	6971,436	4330,922		5	A	A04c	30236A04c	EGWO	48	49	1	-10	6,277.225	3,989.588	0.55	-10.15
6780,507	4268,611		30236A04c	STWO	38	6780,507	4220,467		153	A	A04c	30236A04c	STWO	39	37	-2	-1	6,277.225	4,412.051	-1.55	-2.35
7283,542	4459,56		30244A04c	STWO	33	7283,542	4884,847		17	A	A04c	30244A04c	STWO	40	38	-2	-7	7,859.686	4,412.051	-1.55	-6.25
6071,334	4248,516		30244A04g	STWO	35	6071,334	3942,29		34	A	A04g	30244A04g	STWO	33	31	-2	2	6,277.225	4,412.051	-1.55	1.55
6669,673	4138,729		30252A04g	STWO	42	6669,673	3805,952		173	A	A04g	30252A04g	STWO	41	38	-3	1	6,277.225	3,989.588	-3.65	1.55
10827,41	3750,451		30260K49e	EGWO	49	10827,41	2510,544		27	K	K49e	30260K49e	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7795,891	4155,27		30260K49e	STWO	49	7795,891	2760,934		13	K	K49e	30260K49e	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
9483,025	3732,137		30279K49c	EGWO	49	9483,025	2417,805		3	K	K49d	30279K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7260,973	4065,665		30279K49c	STWO	49	7260,973	2591,761		35	K	K49d	30279K49d	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
7520,306	4131,276		30279K49e	STWO	49	7520,306	2578,994		12	K	K49e	30279K49e	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
7055,556	3431,734		30295A05c	EGWO	49	7055,556	3882,055		1	A	A05d	30295A05d	EGWO	49	49	0	0	6,277.225	3,567.125	0.55	1.55
6650,954	4122,759		30295A05c	STWO	47	6650,954	3591,948		48	A	A05d	30295A05d	STWO	43	38	-5	4	6,277.225	3,989.588	-5.75	5.45
6437,955	3197,866		30309M55	EGWO	49	6437,955	3084,546		35	M	M55g	30309M55g	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6566,692	4125,922		30309M55	STWO	48	6566,692	3444,753		27	M	M55g	30309M55g	STWO	38	37	-1	10	6,277.225	3,989.588	-1.55	9.35
6862,213	3303,029		30317A04c	EGWO	48	6862,213	3670,179		4	A	A04d	30317A04d	EGWO	49	49	0	-1	6,277.225	3,144.662	0.55	-2.35
6876,286	4359,603		30317A04c	STWO	34	6876,286	4588,142		80	A	A04d	30317A04d	STWO	40	37	-3	-6	6,277.225	4,412.051	-3.65	-6.25
6961,66	3365,02		30317A04e	EGWO	41	6961,66	3962,802		3	A	A04e	30317A04e	EGWO	47	48	1	-6	6,277.225	3,567.125	0.55	-6.25
6835,388	4336,531		30317A04e	STWO	38	6835,388	4237,685		55	A	A04e	30317A04e	STWO	38	36	-2	0	6,277.225	4,412.051	-1.55	1.55
7631,154	4620,03		30325A02c	STWO	40	7631,154	4889,201		38	A	A02c	30325A02c	STWO	44	40	-4	-4	7,859.686	4,412.051	-3.65	-2.35
6593,081	4108,237		30333K53a	STWO	49	6593,081	3314		57	K	K53a	30333K53a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6628,733	4315,048		30368A03f	STWO	32	6628,733	4509,832		30	A	A03f	30368A03f	STWO	40	35	-5	-8	6,277.225	4,412.051	-5.75	-6.25
7929,052	4553,686		30376A03b	STWO	49	7929,052	3955,414		15	A	A03b	30376A03b	STWO	47	43	-4	2	7,859.686	4,412.051	-3.65	1.55
5726,059	4617,552		30376A03c	STWO	47	5726,059	4578,557		38	A	A03c	30376A03c	STWO	44	44	0	3	6,277.225	4,412.051	0.55	1.55
6848,61	4413,8		30376A03f	STWO	34	6848,61	4608,298		54	A	A03f	30376A03f	STWO	41	36	-5	-7	6,277.225	4,412.051	-5.75	-6.25
9294,71	4169,194		30384A03c	EGWO	49	9294,71	4140,052		23	A	A03c	30384A03c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8383,478	4658,481		30384A03c	STWO	49	8383,478	4373,417		37	A	A03c	30384A03c	STWO	48	45	-3	1	7,859.686	4,834.514	-3.65	1.55
9160,645	3940,625		30384A03d	EGWO	49	9160,645	3767,517		9	A	A03d	30384A03d	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
9165,322	4962,234		30384A03d	STWO	45	9165,322	5025,995		27	A	A03d	30384A03d	STWO	48	46	-2	-3	9,442.146	4,834.514	-1.55	-2.35
9500,154	4164,778		30384A07e	EGWO	49	9500,154	4250,478		8	A	A07e	30384A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7639,458	4451,347		30384A07e	STWO	43	7639,458	4351,874		17	A	A07e	30384A07e	STWO	45	42	-3	-2	7,859.686	4,412.051	-3.65	-2.35
8875,135	4837,702		30384A07f	STWO	42	8875,135	5207,57		10	A	A07f	30384A07f	STWO	48	45	-3	-6	9,442.146	4,834.514	-3.65	-6.25
9127,082	4095,454		30384A07g	EGWO	49	9127,082	4419,302		10	A	A07g	30384A07g	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8293,885	4694,613		30384A07g	STWO	40	8293,885	5023,396		14	A	A07g	30384A07g	STWO	47	43	-4	-7	7,859.686	4,834.514	-3.65	-6.25
8256	3410,82		30384A07h	EGWO	49	8256	3636,016		1	A	A07h	30384A07h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8874,666	4499,442		30384A07h	STWO	49	8874,666	3628,824		11	A	A07h	30384A07h	STWO	49	48	-1	0	9,442.146	4,412.051	-1.55	1.55
4941,346	3663,211		30422N61b	STWO	39	4941,346	2968,772		11	N	N61b	30422N61b	STWO	26	25	-1	13	4,694.765	3,567.125	-1.55	13.25
7677,872	3045,844		30430E21b	EGWO	49	7677,872	3411,172		3	E	E21b	30430E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
7953,84	4346,696		30430E21b	STWO	49	7953,84	3421,591		71	E	E21b	30430E21b	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
11823	3988,852		30449K47e	EGWO	49	11823	2677,45		11	K	K47e	30449K47e	EGWO	49	49	0	0	12,607.067	3,989.588	0.55	1.55
8665,487	4353,316		30449K47e	STWO	49	8665,487	3027,028		29	K	K47e	30449K47e	STWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55
7818,889	4158,688		30449K47g	STWO	49	7818,889	2807,872		102	K	K47g	30449K47g	STWO	47	47	0	2	7,859.686	3,989.588	0.55	1.55
6251,678			30457K90c	EGWO	49	6251,678	2871,7		1	K	K90c	30457K90c	EGWO	48	48	0	1	6,277.225		0.55	1.55
5399,248	2849,362		30457K91c	EGWO	49	5399,248	2429,662		17	K	K91c	30457K91c	EGWO	47	47	0	2	4,694.765	2,722.199	0.55	1.55
4205,406	2549,87		30465F82a	EGWO	40	4205,406	2552,393		14	F	F82a	30465F82a	EGWO	35	37	2	5	4,694.765	2,722.199	2.65	5.45
5983,304	3916,209		30481E37e	STWO	49	5983,304	2919,436		18	E	E37e	30481E37e	STWO	37	34	-3	12	6,277.225	3,989.588	-3.65	13.25
6216,037	4123,93		30481E38c	STWO	49	6216,037	3146,333		9	E	E38c	30481E38c	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
6222,61	4058,966		30511E40b	STWO	49	6222,61	3062,392		20	E	E40b	30511E40b	STWO	39	35	-4	10	6,277.225	3,989.588	-3.65	9.35
6792,629	4155,643		30538E40b	STWO	49	6802,146	3085,287		296	E	E40b	30538E40b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
5909,722	2780,404		30562M29b	EGWO		5909,722	2302,738		1	M	M29b	30562M29b	EGWO					6,277.225	2,722.199		
6131,621	3970,899		30562M29b	STWO	48	6131,621	3172,625		265	M	M29b	30562M29b	STWO	39	35	-4	9	6,277.225	3,989.588	-3.65	9.35
7080,603	4287,774		30570K54b	STWO	49	7080,603	3526,589		36	K	K54b	30570K54b	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
6080,486	3972,367		30589M30b	STWO	48	6080,486	3122,948		55	M	M30a	30589M30a	STWO	36	35	-1	12	6,277.225	3,989.588	-1.55	13.25
7298,848	4487,815		30600A03e	STWO	40	7298,848	4740,391		14	A	A03e	30600A03e	STWO	40	38	-2	0	7,859.686	4,412.051	-1.55	1.55
7770,677	4464,877		30600A03f	STWO	32	7770,677	5291,715		7	A	A03f	30600A03f	STWO	42	38	-4	-10	7,859.686	4,412.051	-3.65	-10.15
3708,197	3281,125		30643F82c	STWO	12	3708,197	3230,216		28	F	F82c	30643F82c	STWO	13	11	-2	-1	3,112.304	3,144.662	-1.55	-2.35
6895,564	4139,794		30678M30b	STWO	49	6895,564	3364,94		151	M	M30b	30678M30b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
7571,519	4360,706		30724E21a	STWO	49	7571,519	3313,53		158	E	E21a	30724E21a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
4838,803	2735,225		30740N60b	EGWO	42	4838,803	2510,86		4	N	N60b	30740N60b	EGWO	38	41	3	4	4,694.765	2,722.199	2.65	5.45
5000,1	3681,231		30740N60b	STWO	40	5000,1	3031,865		18	N	N60b	30740N60b	STWO	27	26	-1	13	4,694.765	3,567.125	-1.55	13.25
7850,262	4167,388		30759K47e	STWO	49	7850,262	2604,931		6	K	K47e	30759K47e	STWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
10697,94	3837,535		30767K49a	EGWO	49	10697,94	2852,615		13	K	K49a	30767K49a	EGWO		49			11,024.607	3,989.588		
5444,568	3915,724		30848K90c	STWO	26	5444,568	4027,967		52	K	K90c	30848K90c	STWO	30	26	-4	-4	4,694.765	3,989.588	-3.65	-2.35
6974,308	4231,131		30856K44c	STWO	49	6974,308	3351,812		70	K	K44c	30856K44c	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
6822,222	4202,022		30856K44c	STWO	49	6822,222	3343,253		74	K	K44d	30856K44d	STWO	42	38	-4	7	6,277.225	4,412.051	-3.65	5.45
4750	2970,571		30864N61b	EGWO	46	4750	3222,825		1	N	N61b	30864N61b	EGWO	40	43	3	6	4,694.765	3,144.662	2.65	5.45
5139,544	3817,074		30864N61b	STWO	39	5139,544	3129,644		10	N	N61b	30864N61b	STWO	28	25	-3	11	4,694.765	3,989.588	-3.65	9.35
5027,573	3507,894		30880N65b	EGWO	32	5027,573	3417,916		19	N	N65b	30880N65b	EGWO	25	30	5	7	4,694.765	3,567.125	4.75	5.45
6426,473	4029,097		30929K52c	STWO	49	6426,473	3109,982		86	K	K52d	30929K52d	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6110,352	3912,421		30929K53a	STWO	49	6110,352	3051,922		76	K	K53a	30929K53a	STWO	37	36	-1	12	6,277.225	3,989.588	-1.55	13.25
6003,341	3943,942		30929K53b	STWO	47	6003,341	3152,888		97	K	K53b	30929K53b	STWO	36	34	-2	11	6,277.225	3,989.588	-1.55	9.35
6212,258	4026,649		30929K54a	STWO	49	6244,834	3193,298		79	K	K54a	30929K54a	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25
6140,397	3863,413		30929K54b	STWO	49	6140,397	2877,025		55	K	K54b	30929K54b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6053,008	3886,651		30929K54c	STWO	49	6053,008	2967,431		67	K	K54c	30929K54c	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
3927,886	2782,133		30937F83a	EGWO	28	3927,886	2846,067		26	F	F83a	30937F83a	EGWO	26	29	3	2	4,694.765	2,722.199	2.65	1.55
3871,765	2727,718		30945F83a	EGWO	27	3871,765	2813,293		25	F	F83a	30945F83a	EGWO	26	29	3	1	3,112.304	2,722.199	2.65	1.55
6068,07	4567,121		30953F87c	STWO	33	6068,07	4058,149		44	F	F87c	30953F87c	STWO	27	25	-2	6	6,277.225	4,412.051	-1.55	5.45
5435,571	3420,107		30953F87d	STWO	25	5435,571	3136,885		399	F	F87d	30953F87d	STWO	20	20	0	5	4,694.765	3,567.125	0.55	5.45
7711,645	3707,88		30961M55b	EGWO	47	7711,645	4106,367		7	M	M55b	30961M55b	EGWO	48	49	1	-1	7,859.686	3,567.125	0.55	-2.35
6727,218	3096,471		30961M55d	EGWO	49	6727,218	2970,774		17	M	M55d	30961M55d	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6952,953	4136,885		30961M55d	STWO	49	6952,953	3436,772		93	M	M55d	30961M55d	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
5811,162	4063,106		31003M31b	STWO	36	5820,18	4367,743		225	M	M31b	31003M31b	STWO	32	29	-3	4	6,277.225	3,989.588	-3.65	5.45
5928,381	4251,198		31011M55h	STWO	38	5928,381	3690,562		161	M	M55h	31011M55h	STWO	28	28	0	10	6,277.225	4,412.051	0.55	9.35
4346,051	2603,482		31038F76a	EGWO	41	4346,051	2422,942		6	F	F76a	31038F76a	EGWO	36	40	4	5	4,694.765	2,722.199	4.75	5.45
4336,473	3800,294		31054F85c	STWO	9	4336,473	4162,695		119	F	F85c	31054F85c	STWO	14	12	-2	-5	4,694.765	3,989.588	-1.55	-6.25
6282,46	2885,45		31062M55h	EGWO	49	6282,46	2420,312		6	M	M55h	31062M55h	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55

5140,645	3996,93	[redacted]	31070E38c	STWO	43	5150,198	4114,11	[redacted]	63	E	E38d	31070E38d	STWO	32	30	-2	11	4,694.765	3,989.588	-1.55	9.35
4431,096	3797,074		31070E39a	STWO	27	4431,096	4028,187		16	E	E39a	31070E39a	STWO	19	17	-2	8	4,694.765	3,989.588	-1.55	9.35
8152,26	3717,913		31089K26c	EGWO	49	8152,26	3324,279		6	K	K26a	31089K26a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7555,882	4568,572		31097E14e	STWO	49	7555,882	3711,98		44	E	E14e	31097E14e	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
5420,273	2916,358		31135N69a	EGWO	46	5420,273	2906,759		15	N	N69a	31135N69a	EGWO	44	46	2	2	4,694.765	2,722.199	2.65	1.55
6371,763	4015,683		31151E37e	STWO	49	6371,763	3163,479		9	E	E37e	31151E37e	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
5378,272	4178,458		31178K47g	STWO	49	5378,272	3794,28		90	K	K47g	31178K47g	STWO	38	37	-1	11	4,694.765	3,989.588	-1.55	9.35
6846,059	3881,878		31178K47j	STWO	49	6846,059	2890,902		33	K	K47j	31178K47j	STWO	47	39	-8	2	6,277.225	3,989.588	-7.85	1.55
7607,826	4255,432		31186K47g	STWO	49	7607,826	2968,759		80	K	K47g	31186K47g	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55
7545,62	4235,249		31186K47j	STWO	49	7545,62	3015,648		54	K	K47j	31186K47j	STWO	46	44	-2	3	7,859.686	4,412.051	-1.55	1.55
8769,729			31194E22a	EGWO		8900,774			3	E	E22a	31194E22a	EGWO					9,442.146			
8404,723	4694,94		31194E22a	STWO	49	8404,723	4725,135		41	E	E22a	31194E22a	STWO		45			7,859.686	4,834.514		
6824,117	3993,755		31224K52c	STWO	49	6823,593	2901,689		262	K	K52c	31224K52c	STWO	44	41	-3	5	6,277.225	3,989.588	-3.65	5.45
7778,987	4641,401		31232A08a	STWO	37	7778,987	4940,911		36	A	A08a	31232A08a	STWO	41	40	-1	-4	7,859.686	4,834.514	-1.55	-2.35
6786,397	4146,117		31232A08b	STWO	35	6786,397	5193,388		24	A	A08b	31232A08b	STWO	41	38	-3	-6	6,277.225	3,989.588	-3.65	-6.25
5751,309	2865,968		31240K91c	EGWO	49	5751,309	2707,661		20	K	K91c	31240K91c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6233,145	4110,816		31259E13a	STWO	46	6233,145	3381,693		77	E	E13a	31259E13a	STWO	39	34	-5	7	6,277.225	3,989.588	-5.75	5.45
6432,362	4058,457		31267A00c	STWO	36	6432,362	3888,683		10	A	A00d	31267A00d	STWO	42	37	-5	-6	6,277.225	3,989.588	-5.75	-6.25
7039,707	4370,752		31267A01g	STWO	32	7039,707	4783,834		32	A	A01g	31267A01g	STWO	42	38	-4	-10	6,277.225	4,412.051	-3.65	-10.15
6922,791	4311,885		31267A01f	STWO	36	6952,23	4484,682		30	A	A01h	31267A01h	STWO	43	38	-5	-7	6,277.225	4,412.051	-5.75	-6.25
7277,695	4443,157		31275E16a	STWO	49	7277,695	3636,918		194	E	E16a	31275E16a	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
7663,626	4527,309		31275E16b	STWO	49	7663,626	3799,373		26	E	E16b	31275E16b	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
8556,391	4158,325		31283A02c	EGWO	49	8556,391	4366,711		1	A	A02c	31283A02c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7593,01	4502,35		31283A02c	STWO	42	7593,01	4401,849		21	A	A02c	31283A02c	STWO	45	40	-5	-3	7,859.686	4,412.051	-5.75	-2.35
6251,412	2868,223		31291M55	EGWO	49	6251,412	2653,65		5	M	M55h	31291M55h	EGWO		49			6,277.225	2,722.199		
6310,916	3984,441		31291M55	STWO	46	6310,916	3001		13	M	M55h	31291M55h	STWO	36	36	0	10	6,277.225	3,989.588	0.55	9.35
7965,104	3989,008		31305A02a	EGWO	46	7965,104	4451,031		6	A	A02a	31305A02a	EGWO	49	49	0	-3	7,859.686	3,989.588	0.55	-2.35
6957,683	4295,147		31305A02a	STWO	41	6957,683	4383,61		24	A	A02a	31305A02a	STWO	43	38	-5	-2	6,277.225	4,412.051	-5.75	-2.35
7401,558	4181,46		31313K52a	STWO	49	7401,558	3204,299		66	K	K52a	31313K52a	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
6404,697	3865,871		31321K52b	STWO	49	6404,697	2729,593		167	K	K52b	31321K52b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6286,012	3805,249		31321K52c	STWO	49	6286,012	2646,697		235	K	K52c	31321K52c	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6270,094	3808,068		31321K52c	STWO	49	6270,094	2648,265		127	K	K52d	31321K52d	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
4767,956	3494,542		31348K90c	STWO	34	4767,956	3168,197		36	K	K90d	31348K90d	STWO	33	27	-6	1	4,694.765	3,567.125	-5.75	1.55
7495,022	4499,038		31372A01f	STWO	36	7495,022	4817,795		10	A	A01f	31372A01f	STWO	44	40	-4	-8	7,859.686	4,412.051	-3.65	-6.25
6116,279	4004,012		31437A01g	STWO	33	6116,279	3808,439		1	A	A01g	31437A01g	STWO		38			6,277.225	3,989.588		
8950,558	4253,81		31453A06c	EGWO	44	8950,558	5040,278		2	A	A06c	31453A06c	EGWO	49	49	0	-5	9,442.146	4,412.051	0.55	-6.25
7372,068	4491,422		31453A06c	STWO	39	7372,068	4556,292		160	A	A06c	31453A06c	STWO	42	39	-3	-3	7,859.686	4,412.051	-3.65	-2.35
10967,24			31453A06f	EGWO		10967,24	3435,466		2	A	A06f	31453A06f	EGWO					11,024.607			
6816,99	4282,637		31453A06f	STWO	35	6816,99	4424,817		24	A	A06f	31453A06f	STWO	40	37	-3	-5	6,277.225	4,412.051	-3.65	-6.25
7512,286	4567,921		31453A06g	STWO	38	7512,286	4680,685		152	A	A06g	31453A06g	STWO	43	39	-4	-5	7,859.686	4,412.051	-3.65	-6.25
7005,228	4464,19		31453A06i	STWO	33	7005,228	4734,673		29	A	A06i	31453A06i	STWO	39	36	-3	-6	6,277.225	4,412.051	-3.65	-6.25
7161,665	3480,155		31461A06g	EGWO	46	7161,665	3871,419		8	A	A06g	31461A06g	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	-2.35
7947,211	4683,47		31461A06g	STWO	41	7947,211	4718,247		133	A	A06g	31461A06g	STWO	44	41	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7351,611	3990,905		31496K49c	STWO	49	7351,611	2449,056		22	K	K49d	31496K49d	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
16563,22	6313,134		31496K49e	EGWO	49	16563,22	5124,694		1	K	K49e	31496K49e	EGWO	49	49	0	0	15,771.988	6,101.903	0.55	1.55
7300,463	4075,607		31496K49e	STWO	49	7300,463	2573,06		55	K	K49e	31496K49e	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
11126,19	3900,918		31496K49f	EGWO	49	11126,19	2593,513		9	K	K49f	31496K49f	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55
7351,242	4093,437		31496K49f	STWO	49	7351,242	2726,476		54	K	K49f	31496K49f	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
4314,099	3067,081		31518F77f	EGWO	28	4314,099	3184,176		36	F	F77f	31518F77f	EGWO	25	28	3	3	4,694.765	3,144.662	2.65	1.55
8195,614	4545,847		31526M55	EGWO	49	8195,614	4605,178		4	M	M55b	31526M55b	EGWO	47	49	2	2	7,859.686	4,412.051	2.65	1.55
3744,703	3446,767		31534F81b	STWO	11	3744,703	3507,098		286	F	F81b	31534F81b	STWO	11	8	-3	0	3,112.304	3,567.125	-3.65	1.55
8234,043	4239,416		31542A02c	EGWO	49	8234,043	4742,477		2	A	A02c	31542A02c	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
7443,866	4396,578		31542A02c	STWO	42	7443,866	4310,676		18	A	A02c	31542A02c	STWO	45	41	-4	-3	7,859.686	4,412.051	-3.65	-2.35
7927,835	4136,085		31542A02c	EGWO	49	7927,835	4702,194		1	A	A02d	31542A02d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7651,147	4500,074		31542A02c	STWO	44	7651,147	4311,514		22	A	A02d	31542A02d	STWO	46	42	-4	-2	7,859.686	4,412.051	-3.65	-2.35
5885,16	3107,516		31550A00e	EGWO	35	5885,16	3895,079		2	A	A00e	31550A00e	EGWO	44	46	2	-9	6,277.225	3,144.662	2.65	-10.15
7177,842	4395,385		31550A00e	STWO	33	7177,842	4867,969		11	A	A00e	31550A00e	STWO	41	37	-4	-8	7,859.686	4,412.051	-3.65	-6.25
6700	3506,904		31569K25a	EGWO	43	6700	3955,586		1	K	K25a	31569K25a	EGWO	46	48	2	-3	6,277.225	3,567.125	2.65	-2.35
7242,156	4342,201		31569K25a	STWO	49	7242,156	3548,081		41	K	K25a	31569K25a	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
6927,708	3554,252		31577K25a	EGWO	44	6927,708	3840,381		6	K	K25a	31577K25a	EGWO	47	49	2	-3	6,277.225	3,567.125	2.65	-2.35
7305,33	4331,06		31577K25a	STWO	49	7305,33	3529,747		79	K	K25a	31577K25a	STWO	44	38	-6	5	7,859.686	4,412.051	-5.75	5.45
7696,392	4457,55		31577K25b	STWO	49	7696,392	3646,498		399	K	K25b	31577K25b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7201,771	4256,876		31577K25c	STWO	49	7201,771	3342,403		250	K	K25c	31577K25c	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7481,043	4384,411		31577K25c	STWO	49	7481,043	3512,732		252	K	K25d	31577K25d	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
6208,159	4208,747		31607M56	STWO	40	6208,159	4504,325		28	M	M56c	31607M56c	STWO	31	32	1	9	6,277.225	4,412.051	0.55	9.35
3923,936	3331,811		31615F78c	STWO	16	3923,936	3283,663		90	F	F78d	31615F78d	STWO	12	15	3	4	4,694.765	3,144.662	2.65	5.45
6680,747	4036,947		31623M27	STWO	49	6680,747	2880,898		147	M	M27a	31623M27a	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
7177,545	4238,011		31623M28	STWO	49	7177,545	3523,589		159	M	M28a	31623M28a	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
8448,63			31631K24c	EGWO	47	8448,63	4111,47		1	K	K24c	31631K24c	EGWO					7,859.686			
7921,476	4379,802		31631K24c	STWO	49	7921,476	3488,042		141	K	K24c	31631K24c	STWO	48	44	-4	1	7,859.686	4,412.051	-3.65	1.55
6104,545	2989,609		31631K24c	EGWO		6104,545	3474,555		1	K	K24d	31631K24d	EGWO					6,277.225	3,144.662		
7973,921	4548,783		31631K24c	STWO	49	7973,921	3745,11		86	K	K24d	31631K24d	STWO	46	43	-3	3	7,859.686	4,412.051	-3.65	1.55
7513,486	4335,66		31631K25c	STWO	49	7513,486	3440,695		102	K	K25d	31631K25d	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
7936,323	4318,733		31658K47a	STWO	49	7936,323	3153,931		78	K	K47a	31658K47a	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
8226,659	4361,783		31658K47f	STWO	49	8226,659	3690,13		115	K	K47f	31658K47f	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
7114,059	4138,917		31658K47j	STWO	49	7114,059	3087,789		95	K	K47j	31658K47j	STWO	45	41	-4	4	7,859.686	3,989.588	-3.65	5.45
3155,897	3252,825		31682F81e	STWO	6	3155,897	3202,73		268	F	F81e	31682F81e	STWO	9	7	-2	-3	3,112.304	3,144.662	-1.55	-2.35
7651,376	3957,856		31690A04h	EGWO	42	7651,376	4570,164		1	A	A04h	31690A04h	EGWO	48	49	1	-6	7,859.686	3,989.588	0.55	-6.25
7448,529	4346,818		31690A04h	STWO	42	7448,529	4335,463		20	A	A04h	31690A04h	STWO	44	42	-2	-2	7,859.686	4,412.051	-1.55	-2.35
6579,439	3165,087		31704A04c	EGWO	39	6579,439	3788,106		1	A	A04c	31704A04c	EGWO	48	49	1	-9	6,277.225	3,144.662	0.55	-10.15
6993,542	4464,356		31704A04c	STWO	34	6993,542	4671,242		16	A	A04c	31704A04c	STWO	40	38	-2	-6	6,277.225	4,412.051	-1.55	-6.25
6297,84	3918,263		31712M28	STWO	49	6297,84	2898,197		63	M	M28a	31712M28a	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35
6289,191	4024,949		31720M28	STWO	46	6289,191	3122,448		55	M	M28a	31720M28a	STWO	39	36	-3	7	6,277.225	3,989.588	-3.65	5.45
8244,564	4668,818		31747K24c	STWO	49	8244,564	3990,513		242	K	K24c	31747K24c	STWO	46	43	-3	3	7,859.686	4,834.514	-3.65	1.55
6892,663	4282,268		31755K26a	STWO	49	6892,663	3485,154		146	K	K26a	31755K26a	STWO	37	38	1	12	6,277.225	4,412.051	0.55	13.25
6623,188	4297,643		31771K52g	STWO	33	6623,188	4447,858		48	K	K52g	31771K52g	STWO	36	35	-1	-3	6,277.225	4,412.051	-1.55	-2.35
4072,056	2755,83		31828F78b	EGWO	31	4072,056	2809,651		20	F	F78b	31828F78b	EGWO	29	32	3	2	4,694.765	2,722.199	2.65	1.55
3716,932	3346,102		31828F78c	STWO	14	3716,932	3203,698		137	F	F78c	31828F78c	STWO	13	11	-2	1	3,112.304	3,144.662	-1.55	1.55
5074,637	3611,366		31836K90c	STWO	31	5074,637	3336,188		21	K	K90c	31836K90c	STWO	33	29	-4	-2	4,694.765	3,567.125	-3.65	-2.35
6167,948	4079,473		31844E38c	STWO	49	6167,948	3150,206		198	E	E38c	31844E38c	STWO	36	34	-2	13	6,277.225	3,989.588	-1.55	13.25
4207,455	3524,285		31852K90c	STWO	21	4207,455	3520,055		45	K	K90c	31852K90c	STWO	25	19	-6	-4	4,694.765	3,567.125	-5.75	-2.35
4108,592	3843,916		31879F76b	STWO	5	4108,592	4292,787		104	F	F76b	31879F76b	STWO	8	8	0	-3	4,694.765	3,989.588	0.55	-2.35
4918,366	3951,849		31887E37c	STWO	34	4918,366	4187,74		148	E	E37c	31887E37c	STWO	25	23	-2	9	4,694.765	3,989.588	-1.55	9.35
8114,424			31895A07f	EGWO	49	8114,424	3287,937		2	A	A07h	31895A07h	EGWO	49	49	0	0	7,859.686		0.55	1.55
7959,026	4436,764		31895A07f	STWO	48	7959,026	4121,088		39	A	A07h	31895A07h	STWO	48	45	-3	0	7,859.686	4,412.051	-3.65	1.55
6516,404	3145,848		31909K24e	EGWO	48	6516,404	3827,008		4	K	K24e	31909K24e	EGWO	49	49	0	-1	6,277.225	3,144.662	0.55	-2.35
7345,704	4185,362		31909K24e	STWO	49	7345,704	3070,793		240	K	K24e	31909K24e	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
6835,257	4041,348		31909K25b	STWO	49	6835,257	2890,352		127	K	K25b	31909K25b	STWO	44	41	-3	5	6,277.225	3,989.588	-3.65	5.45
7596,795	4371,986		31917A07h	STWO	47	7596,795	4030,159		35	A	A07h	31917A07h	STWO	46	43	-3	1	7,859.686	4,412.051	-3.65	1.55
5462,701			31917A08b	EGWO	37	5462,701	3355,179		3	A	A08b	31917A08b	EGWO					4,694.765			
6748,296	4277,235		31917A08b	STWO	40	6748,296	4021,059		366	A	A08b	31917A08b	STWO	39	37	-2	1	6,277.225	4,412.051	-1.55	1.55
6910,919	4296,793		31917A08e	STWO	34	6910,919	4556,842		54	A	A08e	31917A08e	STWO	40	38	-2	-6	6,277.225	4,412.051	-1.55	-6.25
6377,94	4108,721		31917A09h	STWO	34	6377,94	4326,712		20	A	A09h	31917A09h	STWO	39	36	-3	-5	6,277.225	3,989.588	-3.65	-6.25

6125,866	3953,628	[redacted]	31917A09l	STWO	36	6125,866	3613,369	[redacted]	11	A	A09l	31917A09l	STWO	40	36	-4	-4	6,277.225	3,989.588	-3.65	-2.35
6807,593	4150,692		31925K44c	STWO	49	6807,593	3294,22		139	K	K44c	31925K44c	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
7034,038	4289,387		31925K44c	STWO	49	7034,038	3427,521		175	K	K44d	31925K44d	STWO	42	39	-3	7	6,277.225	4,412.051	-3.65	5.45
5509,941	3806,118		31933N65l	EGWO	32	5509,941	3738,85		24	N	N65b	31933N65b	EGWO	27	31	4	5	6,277.225	3,989.588	4.75	5.45
3900,3	3636,603		31968N69l	STWO	5	3900,3	4045,518		40	N	N69l	31958N69l	STWO	8	9	1	-3	3,112.304	3,567.125	0.55	-2.35
8986,032			31976K46c	EGWO		8986,032	2776,181		2	K	K46c	31976K46c	EGWO					9,442.146			
8127,48	4258,695		31976K46c	STWO	49	8127,48	2877,826		118	K	K46c	31976K46c	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
7227,2	3341,705		31984E21b	EGWO	49	7227,2	3232,254		2	E	E21b	31984E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
8141,503	4428,78		31984E21b	STWO	49	8141,503	3419,681		22	E	E21b	31984E21b	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
8001,932	4334,06		31992E21b	STWO	49	8001,932	3259,766		78	E	E21b	31992E21b	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
3830,069	3230,97		32018N72a	STWO	43	3830,069	2183,235		2	N	N72a	32018N72a	STWO					3,112.304	3,144.662		
7380,535	4350,034		32026E14f	STWO	49	7380,535	3584,385		24	E	E14f	32026E14f	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
5096,386	3609,523		32042E36b	STWO		5096,386	2559,06		1	E	E36b	32042E36b	STWO					4,694.765	3,567.125		
6599,292	4202,214		32050M30a	STWO	48	6626,196	3398,464		58	M	M30a	32050M30a	STWO	37	36	-1	11	6,277.225	4,412.051	-1.55	9.35
11300,99	4575,479		32069K47b	EGWO	49	11300,99	4265,615		4	K	K47b	32069K47b	EGWO					11,024.607	4,412.051		
6966,78	4273,332		32077A03f	STWO	40	6966,78	3817,936		9	A	A03f	32077A03f	STWO	43	40	-3	-3	6,277.225	4,412.051	-3.65	-2.35
5951,323	3876,181		32085N62l	EGWO	39	5951,323	3628,032		19	N	N62b	32085N62b	EGWO	33	36	3	6	6,277.225	3,989.588	2.65	5.45
7842,35	3742,54		32093N64c	EGWO	49	7842,35	3171,593		10	N	N64c	32093N64c	EGWO	47	49	2	2	7,859.686	3,567.125	2.65	1.55
6864,813	4001,669		32115K52a	STWO	49	6864,813	2822,552		45	K	K52a	32115K52a	STWO	43	42	-1	6	6,277.225	3,989.588	-1.55	5.45
6492,73	3947,007		32115K52b	STWO	49	6492,73	2868,815		87	K	K52b	32115K52b	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
7266,667	5027,573		32123N73a	EGWO	49	7266,667	3931,679		3	N	N73a	32123N73a	EGWO	44	47	3	5	7,859.686	4,834.514	2.65	5.45
6140,693	3395,381		32123N73b	EGWO	45	6140,693	3307,255		101	N	N73b	32123N73b	EGWO	38	44	6	7	6,277.225	3,567.125	6.85	5.45
4954,762	3846,586		32123N73b	STWO		4954,762	3005,007		3	N	N73b	32123N73b	STWO					4,694.765	3,989.588		
4508,297	2509,309		32131N70b	EGWO	49	4508,297	2218,634		34	N	N70b	32131N70b	EGWO	41	44	3	8	4,694.765	2,299.736	2.65	9.35
4580,247	3505,995		32131N70b	STWO	26	4580,247	2783,139		1	N	N70b	32131N70b	STWO	18	21	3	8	4,694.765	3,567.125	2.65	9.35
6976,654	3921,582		32158N62b	EGWO	42	6976,654	3904,101		26	N	N62b	32158N62b	EGWO	39	42	3	3	6,277.225	3,989.588	2.65	1.55
6090,604			32166A05f	EGWO		6090,604	3554,246		2	A	A05f	32166A05f	EGWO					6,277.225			
5385,187	3536,102		32174N63a	EGWO	38	5385,187	3327,635		18	N	N63a	32174N63a	EGWO	33	34	1	5	4,694.765	3,567.125	0.55	5.45
5844,269	4158,568		32182K90a	STWO	25	5844,269	4501,556		110	K	K90a	32182K90a	STWO	30	28	-2	-5	6,277.225	3,989.588	-1.55	-6.25
6785,899	3373,92		32190E18a	EGWO	49	6785,899	3427,461		7	E	E18a	32190E18a	EGWO	49	49	0	0	6,277.225	3,567.125	0.55	1.55
7756,665	4492,077		32190E18a	STWO	47	7756,665	4222,322		77	E	E18a	32190E18a	STWO	43	41	-2	4	7,859.686	4,412.051	-1.55	5.45
7337,504	4365,207		32204K45a	STWO	47	7426,625	3982,818		18	K	K45a	32204K45a	STWO	45	41	-4	2	7,859.686	4,412.051	-3.65	1.55
6053,892	2764,165		32212K45a	EGWO	46	6053,892	2363,894		1	K	K45a	32212K45a	EGWO	47	48	1	-1	6,277.225	2,722.199	0.55	-2.35
6695,572	3990,533		32212K45a	STWO	49	6695,572	2941,596		27	K	K45a	32212K45a	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
7486,097	4381,599		32220K45a	STWO	49	7486,097	3587,284		82	K	K45a	32220K45a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7090,337	4291,645		32220K45b	STWO	49	7090,337	3363,606		46	K	K45b	32220K45b	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
6791,007	4182,303		32239K53a	STWO	49	6791,007	3468,379		69	K	K53a	32239K53a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6082,307	4414,37		32247F87f	STWO	35	6082,307	3974,74		373	F	F87f	32247F87f	STWO	24	28	4	11	6,277.225	4,412.051	4.75	9.35
7594,49	3816,995		32271A04c	EGWO	39	7594,49	4464,849		3	A	A04c	32271A04c	EGWO	48	49	1	-9	7,859.686	3,989.588	0.55	-10.15
7170,783	4472,863		32271A04c	STWO	34	7170,783	4764,887		27	A	A04c	32271A04c	STWO	39	38	-1	-5	7,859.686	4,412.051	-1.55	-6.25
6525,038	3788,131		32298A04b	EGWO	36	6525,038	4259,014		3	A	A04b	32298A04b	EGWO	45	46	1	-9	6,277.225	3,989.588	0.55	-10.15
7425,692	4478,795		32298A04b	STWO	40	7425,692	4471,705		32	A	A04b	32298A04b	STWO	42	40	-2	-2	7,859.686	4,412.051	-1.55	-2.35
4218,399	2568,389		32301N70a	EGWO	44	4218,399	2357,132		20	N	N70a	32301N70a	EGWO	37	39	2	7	4,694.765	2,722.199	2.65	5.45
5533,333			32336N63a	EGWO	39	5533,333			2	N	N63a	32336N63a	EGWO	34	36	2	5	6,277.225		2.65	5.45
6496,653	3895,63		32360M27	STWO	49	6496,653	2638,268		42	M	M27b	32360M27b	STWO	45	40	-5	4	6,277.225	3,989.588	-5.75	5.45
6751,504	4128,029		32379M27	STWO	49	6751,504	3176,404		87	M	M27b	32379M27b	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
8299,465	3225,374		32409E21b	EGWO	49	8299,465	2814,85		1	E	E21b	32409E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
8245,861	4337,68		32409E21b	STWO	49	8245,861	3611,617		34	E	E21b	32409E21b	STWO	47	46	-1	2	7,859.686	4,412.051	-1.55	1.55
4230,512	3767,804		32441N68c	STWO	6	4230,512	4248,241		186	N	N68c	32441N68c	STWO	11	11	0	-5	4,694.765	3,567.125	0.55	-6.25
4728,809	2672,475		32476F77f	EGWO	38	4728,809	2437,445		26	F	F77f	32476F77f	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
3962,121	3243,682		32476F77f	STWO	16	3962,121	2208,33		1	F	F77f	32476F77f	STWO	14	14	0	2	4,694.765	3,144.662	0.55	1.55
3903,659	2836,509		32484N65a	EGWO	25	3903,659	2910,138		10	N	N65a	32484N65a	EGWO	19	27	8	6	4,694.765	2,722.199	8.95	5.45
5867,858	3078,272		32506N62b	EGWO	40	5867,858	2824,309		17	N	N62b	32506N62b	EGWO	36	38	2	4	6,277.225	3,144.662	2.65	5.45
5954,067	4329,185		32514M57	STWO	41	5954,067	3520,821		50	M	M57a	32514M57a	STWO	28	27	-1	13	6,277.225	4,412.051	-1.55	13.25
9930,779	3645,582		32522K49a	EGWO	49	9930,779	2463,726		28	K	K49a	32522K49a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7311,437	4103,85		32522K49a	STWO	49	7311,437	2642,393		12	K	K49a	32522K49a	STWO	48	46	-2	1	7,859.686	3,989.588	-1.55	1.55
9916,978	3548,83		32522K49b	EGWO	49	9916,978	2442,251		14	K	K49b	32522K49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7563,386	4191,764		32522K49b	STWO	49	7563,386	2792,102		19	K	K49b	32522K49b	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
3862,244	2689,595		32549N65a	EGWO	29	3862,244	2673,987		53	N	N65a	32549N65a	EGWO	26	29	3	3	3,112.304	2,722.199	2.65	1.55
4530,883	2980,13		32557F76a	EGWO	34	4530,883	2961,85		17	F	F76a	32557F76a	EGWO	32	34	2	2	4,694.765	3,144.662	2.65	1.55
6094,588	4008,669		32565M32	STWO	45	6094,588	3299,739		86	M	M32b	32565M32b	STWO	36	34	-2	9	6,277.225	3,989.588	-1.55	9.35
4588,235	2681,618		32573F77f	EGWO	38	4588,235	2464,726		5	F	F77f	32573F77f	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
3659,035	3400,308		32573F77f	STWO	11	3659,035	3418,795		59	F	F77f	32573F77f	STWO	11	9	-2	0	3,112.304	3,567.125	-1.55	1.55
6365,406	4262,468		32581M55	STWO	45	6365,406	4684,158		42	M	M55d	32581M55d	STWO	34	33	-1	11	6,277.225	4,412.051	-1.55	9.35
7842,709	4458,942		32603K25a	STWO	49	7842,709	3654,066		15	K	K25a	32603K25a	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
1990,385			32638B10c	EGWO		1990,385			8	B	B10d	32638B10d	EGWO					1,529.844			
6436,762	4211,267		32646E41b	STWO	49	6436,762	3258,576		45	E	E41b	32646E41b	STWO	36	35	-1	13	6,277.225	4,412.051	-1.55	13.25
5168,998	3713,096		32654M31	STWO	35	5168,998	3390,832		84	M	M31c	32654M31c	STWO	30	28	-2	5	4,694.765	3,567.125	-1.55	5.45
3838,187	3749,323		32662F76a	STWO	6	3838,187	4203,348		32	F	F76a	32662F76a	STWO	6	5	-1	0	3,112.304	3,567.125	-1.55	1.55
4877,683	3681,031		32670K90c	STWO	28	4877,683	3474,436		45	K	K90c	32670K90c	STWO	31	26	-5	-3	4,694.765	3,567.125	-5.75	-2.35
4945,077	2929,798		32697N61l	EGWO	46	4945,077	2900,105		2	N	N61b	32697N61b	EGWO	40	43	3	6	4,694.765	2,722.199	2.65	5.45
4568,295	3584,577		32697N61l	STWO	39	4568,295	2776,059		17	N	N61b	32697N61b	STWO	27	21	-6	12	4,694.765	3,567.125	-5.75	13.25
6252,033	2923,26		32700M57	EGWO	49	6252,033	2303,89		1	M	M57a	32700M57a	EGWO	44	47	3	5	6,277.225	2,722.199	2.65	5.45
5782,731	4110,677		32700M57	STWO	43	5782,731	3292,476		34	M	M57a	32700M57a	STWO	29	29	0	14	6,277.225	3,989.588	0.55	13.25
7007,252	3415,833		32727M55	EGWO	49	7007,252	3377,168		2	M	M55d	32727M55d	EGWO	49	49	0	0	6,277.225	3,567.125	0.55	1.55
6713,672	4026,671		32727M55	STWO	49	6713,672	3219,269		63	M	M55d	32727M55d	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
7694,053	4578,346		32751K48c	STWO	49	7694,053	3945,752		48	K	K48c	32751K48c	STWO	45	40	-5	4	7,859.686	4,412.051	-5.75	5.45
4203,378	3167,742		32778N65c	STWO	28	4203,378	3168,403		29	N	N65c	32778N65c	EGWO	25	28	3	3	4,694.765	3,144.662	2.65	1.55
6015,783	3133,849		32786A01b	EGWO	24	5570,47	4226,449		1	A	A01b	32786A01b	EGWO	38	43	5	-14	6,277.225	3,144.662	4.75	-14.05
8322,708	4828,692		32786A01b	STWO	33	8322,708	5609,481		26	A	A01b	32786A01b	STWO	45	41	-4	-12	7,859.686	4,834.514	-3.65	-10.15
6938,284	3534,475		32786A01c	EGWO	35	7338,494	4538,798		8	A	A01d	32786A01d	EGWO	48	49	1	-13	6,277.225	3,567.125	0.55	-14.05
7680,52	4463,237		32786A01c	STWO	38	7688,915	4750,882		143	A	A01d	32786A01d	STWO	45	41	-4	-7	7,859.686	4,412.051	-3.65	-6.25
7727,627	3815,197		32786A01f	EGWO	37	7727,627	4799,125		5	A	A01f	32786A01f	EGWO	49	49	0	-12	7,859.686	3,989.588	0.55	-10.15
7794,362	4511,777		32786A01f	STWO	36	7825,795	5007,958		94	A	A01f	32786A01f	STWO	45	41	-4	-9	7,859.686	4,412.051	-3.65	-10.15
6851,264	4269,749		32786A01h	STWO	43	6902,98	4007,521		36	A	A01h	32786A01h	STWO	46	42	-4	-3	6,277.225	4,412.051	-3.65	-2.35
8181,559	3789,795		32786A02a	EGWO	49	8181,559	3879,153		8	A	A02a	32786A02a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7777,969	4479,162		32786A02a	STWO	46	7777,969	4235,525		135	A	A02a	32786A02a	STWO	48	43	-5	-2	7,859.686	4,412.051	-5.75	-2.35
8279,33	3557,606		32786A02b	EGWO	49	8279,33	3832,638		3	A	A02b	32786A02b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8040,116	4492,275		32786A02b	STWO	49	8040,116	3949,31		132	A	A02b	32786A02b	STWO	49	45	-4	0	7,859.686	4,412.051	-3.65	1.55
7943,909	3887,297		32786A02c	EGWO	49	7943,909	3930,589		9	A	A02c	32786A02c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7780,057	4452,784		32786A02c	STWO	46	7780,057	4142,05		116	A	A02c	32786A02c	STWO	48	43	-5	-2	7,859.686	4,412.051	-5.75	-2.35
8621,138	4664,685		32786A02d	STWO	45	8621,138	4746,656		15	A	A02d	32786A02d	STWO	49	46	-3	-4	7,859.686	4,834.514	-3.65	-2.35
7713,365	4712,232		32786A03f	STWO	35	7713,365	5152,387		53	A	A03f	32786A03f	STWO	45	40	-5	-10	7,859.686	4,834.514	-5.75	-10.15
8650,97	3722,057		32786A03g	EGWO	49	8650,97	3963,119		2	A	A03g	32786A03g	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7501,907	4796,237		32786A03g	STWO	49	7501,907	3676,053		21	A	A03g	32786A03g	STWO	48	43	-5	1	7,859.686	4,412.051	-5.75	1.55
8638,209	4413,364		32786A05b	STWO	39	8638,209	4513,424		19	A	A05b	32786A05b	STWO	44	41	-3	-5	7,859.686	4,412.051	-3.65	-6.25
3832,975	3454,314		32794E39c	STWO	23	3832,975	3579,683		47	E	E39d	32794E39d	STWO	21	20	-1	2	3,112.304	3,567.125	-1.55	1.55
5035,714			32816N65l	EGWO	33	5035,714			2	N	N65b	32816N65b	EGWO	28	32	4	5	4,694.765		4.75	5.45
7056,29	4024,273		32832K52a	STWO	49	7056,29	2898,416		44	K	K52a	32832K52a	STWO	45	43	-2	4	6,277.225	3,989.588	-1.55	5.45
5583,276	3880,174		32840K90a	STWO	31	5583,276	3874,761		66	K	K90a	32840K90a	STWO	33	31	-2	-2	6,277.225	3,989.588	-1.55	-2.35
7955,489	3611,894		32859E75a	EGWO	49	7955,489	3164,638		46	E	E75a	32859E75a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
4145,114	3771,88		32867F77a	STWO	7	4145,114	4218,615		91	F	F77a	32867F77a	STWO	9	9	0	-2	4,694.765	3,567.125	0.55	-2.35
5110,654	3806,211		32883N60a	STWO	36	5110,654	3255,347		26	N	N60a	32883N60a	STWO	23	25	2	13	4,694.765	3,989.588	2.65	13.25

0114

8666,667	4310,427	[redacted]	32891A00e	EGWO	35	8666,667	5240,9	[redacted]	1	A	A00e	32891A00e	EGWO	44	46	2	-9	9,442.146	4,412.051	2.65	-10.15
7486,22	4486,036		32891A00e	STWO	34	7486,22	5188,842		5	A	A00e	32891A00e	STWO	42	36	-6	-8	7,859.686	4,412.051	-5.75	-6.25
4146,958	3381,395		32905N71c	STWO	39	4146,958	2491,457		3	N	N71c	32905N71c	STWO	31	30	-1	8	4,694.765	3,567.125	-1.55	9.35
6980,436	4179,832		32921K53a	STWO	49	6980,436	3553,297		35	K	K53a	32921K53a	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
7040,169	4017,23		32948K52a	STWO	49	7040,169	2889,04		35	K	K52a	32948K52a	STWO	45	43	-2	4	6,277.225	3,989.588	-1.55	5.45
1389,976			32956N68d	STWO	13	1389,976			28	N	N68d	32956N68d	STWO	5	13	8	8	1,529.844		8.95	9.35
7599,199	4310,197		32964A06l	STWO	43	7599,199	3550,59		3	A	A06l	32964A06l	STWO	45	42	-3	-2	7,859.686	4,412.051	-3.65	-2.35
7696,296	3805,291		32972A05d	EGWO	49	7696,296	4549,086		1	A	A05d	32972A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7890,192	4649,214		32972A05d	STWO	46	7890,192	4282,763		11	A	A05d	32972A05d	STWO	43	41	-2	3	7,859.686	4,834.514	-1.55	1.55
8239,891	3517,5		32980K44a	EGWO	49	8239,891	2984,226		10	K	K44a	32980K44a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6809,053	4140,024		32980K44a	STWO	49	6809,053	3427,963		117	K	K44a	32980K44a	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
7682,149	3297,52		32980K44d	EGWO	49	7682,149	2766,641		8	K	K44d	32980K44d	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6976,514	4188,011		32980K44d	STWO	49	6976,514	3507,581		121	K	K44d	32980K44d	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
6821,254	3007,747		32980K44e	EGWO	49	6821,254	2537,171		10	K	K44e	32980K44e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7325,626	4323,357		32980K44e	STWO	47	7325,626	3866,686		151	K	K44e	32980K44e	STWO	42	41	-1	5	7,859.686	4,412.051	-1.55	5.45
4117,192	3850,779		32999F76a	STWO	6	4117,192	4321,322		24	F	F76a	32999F76a	STWO	7	8	1	-1	4,694.765	3,989.588	0.55	-2.35
3993,57	3382,404		32999F77b	STWO	23	3989,324	2853,805		30	F	F77b	32999F77b	STWO	16	17	1	7	4,694.765	3,567.125	0.55	5.45
3772,968	3313,592		32999F77d	STWO	16	3772,968	3172,145		28	F	F77d	32999F77d	STWO	10	12	2	6	3,112.304	3,144.662	2.65	5.45
6558,255	3274,728		33022F88a	EGWO		6558,255	4127,514		2	F	F88a	33022F88a	EGWO					6,277.225	3,144.662		
5156,863	3545,7		33022F88a	STWO	27	5156,863	2784,793		1	F	F88a	33022F88a	STWO		22			4,694.765	3,567.125		
5531,893	3364,377		33022F88d	EGWO	34	5531,893	3630,343		55	F	F88d	33022F88d	EGWO	36	41	5	-2	6,277.225	3,567.125	4.75	-2.35
4727,305	3251,853		33022F88j	EGWO	24	4727,305	3442,134		82	F	F88j	33022F88j	EGWO	27	28	1	-3	4,694.765	3,144.662	0.55	-2.35
5802,247	3794,947		33022F88j	STWO	25	5802,247	3313,162		2	F	F88j	33022F88j	STWO	17	17	0	8	6,277.225	3,989.588	0.55	9.35
4366,853	2978,62		33030T98a	STWO	25	4366,853	3095,284		3	T	T98a	33030T98a	EGWO	24	27	3	1	4,694.765	3,144.662	2.65	1.55
7453,192	4355,733		33057K45a	STWO	49	7460,918	3526,341		209	K	K45a	33057K45a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6671,587	4169,131		33073K26a	STWO	49	6671,587	3305,133		30	K	K26a	33073K26a	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
6877,359	4244,056		33081K26a	STWO	49	6877,359	3439,159		51	K	K26a	33081K26a	STWO	35	38	3	14	6,277.225	4,412.051	2.65	13.25
6697,499	4172,857		33111M30b	STWO	49	6697,499	3412,997		64	M	M30b	33111M30b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
4523,355	2755,194		33138N60c	EGWO	37	4523,355	2748,329		15	N	N60c	33138N60c	EGWO	33	36	3	4	4,694.765	2,722.199	2.65	5.45
4389,618	3572,149		33138N60c	STWO	34	4389,618	2899,094		26	N	N60c	33138N60c	STWO	19	18	-1	15	4,694.765	3,567.125	-1.55	13.25
6931,07	4397,899		33189A04e	STWO	40	6931,07	4186,084		30	A	A04e	33189A04e	STWO	41	36	-5	-1	6,277.225	4,412.051	-5.75	-2.35
4813,468	3238,547		33200F77f	EGWO	33	4813,468	3033,985		3	F	F77f	33200F77f	EGWO	29	33	4	4	4,694.765	3,144.662	4.75	5.45
4329,837	3383,242		33200F77f	STWO	21	4329,837	2526,201		5	F	F77f	33200F77f	STWO	14	19	5	7	4,694.765	3,567.125	4.75	5.45
5635,893	4008,804		33219M32	STWO	31	5635,893	3928,588		127	M	M32a	33219M32a	STWO	32	28	-4	-1	6,277.225	3,989.588	-3.65	-2.35
6763,805	4252,185		33227M31	STWO	47	6763,805	3617,24		96	M	M31a	33227M31a	STWO	38	37	-1	9	6,277.225	4,412.051	-1.55	9.35
5237,377	2727,093		33243K90d	EGWO	49	5237,377	2405,792		86	K	K90d	33243K90d	EGWO	49	48	-1	0	4,694.765	2,722.199	-1.55	1.55
6571,65	4297,213		33251E37f	STWO	48	6571,65	3436,506		166	E	E37f	33251E37f	STWO	37	35	-2	11	6,277.225	4,412.051	-1.55	9.35
5767,718	3922,794		33294M32	STWO	40	5767,718	3250,973		46	M	M32b	33294M32b	STWO	34	31	-3	6	6,277.225	3,989.588	-3.65	5.45
4937,157	3652,319		33324K90c	STWO	28	4937,157	3502,165		46	K	K90c	33324K90c	STWO	31	25	-6	-3	4,694.765	3,567.125	-5.75	-2.35
10530,46			33340K46c	EGWO		10530,46	3641,831		6	K	K46c	33340K46c	EGWO					11,024.607			
8166,345	4282,13		33340K46c	STWO	49	8166,345	3631,235		46	K	K46c	33340K46c	STWO					7,859.686	4,412.051		
5205,296	3767,272		33359E37c	STWO	44	5205,296	2870,061		60	E	E37c	33359E37c	STWO	31	28	-3	13	4,694.765	3,567.125	-3.65	13.25
5999,058	3915,998		33367E13e	STWO	43	5999,058	3389,276		32	E	E13e	33367E13e	STWO	39	35	-4	4	6,277.225	3,989.588	-3.65	5.45
6303,923	3996,309		33367E13f	STWO	49	6303,923	3139,069		60	E	E13f	33367E13f	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
7731,659	3982,604		33367E13h	EGWO		7731,659	4245,08		2	E	E13h	33367E13h	EGWO					7,859.686	3,989.588		
6920,635	3909,757		33367E13h	STWO		6920,635	3029,505		1	E	E13h	33367E13h	STWO					6,277.225	3,989.588		
6902,775	3502,128		33367E36a	EGWO	49	6963,84	3111,226		24	E	E36a	33367E36a	EGWO	48	49	1	1	6,277.225	3,567.125	0.55	1.55
6052,794	3756,497		33375E13d	STWO	40	6052,794	2722,402		4	E	E13d	33375E13d	STWO	36	33	-3	4	6,277.225	3,567.125	-3.65	5.45
6434,165	3938,552		33375E13e	STWO	49	6434,165	3081,948		15	E	E13e	33375E13e	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
5909,498	4161,875		33383E13b	STWO	30	5909,498	3920,985		33	E	E13b	33383E13b	STWO	32	26	-6	-2	6,277.225	3,989.588	-5.75	-2.35
6129,342	4163		33383E13c	STWO	41	6129,342	3541,523		123	E	E13c	33383E13c	STWO	35	32	-3	6	6,277.225	3,989.588	-3.65	5.45
6157,494	3999,693		33383E13d	STWO	45	6157,494	3275,012		162	E	E13d	33383E13d	STWO	37	34	-3	8	6,277.225	3,989.588	-3.65	9.35
6638,751	4203,672		33383E13e	STWO	46	6638,751	3531,828		51	E	E13e	33383E13e	STWO	39	36	-3	7	6,277.225	4,412.051	-3.65	5.45
7158,333	4440,169		33405A01g	STWO	33	7158,333	5078,816		2	A	A01g	33405A01g	STWO		38			7,859.686	4,412.051		
7607,67	4822,84		33421M58	STWO	49	7607,67	3770,37		376	M	M58g	33421M58g	STWO	37	37	0	12	7,859.686	4,834.514	0.55	13.25
3300,628	3106,057		33448N68f	STWO	10	3300,628	3004,887		78	N	N68f	33448N68f	STWO	9	8	-1	1	3,112.304	3,144.662	-1.55	1.55
6337,098	4178,279		33456M28	STWO	36	6337,098	4421,668		47	M	M28d	33456M28d	STWO	34	33	-1	2	6,277.225	3,989.588	-1.55	1.55
7424,98	4284,044		33480K48b	STWO	49	7424,98	3493,74		32	K	K48b	33480K48b	STWO	46	42	-4	3	7,859.686	4,412.051	-3.65	1.55
3962,981	3654,501		33499N69l	STWO	5	3962,981	4082,163		40	N	N69l	33499N69l	STWO	9	9	0	-4	4,694.765	3,567.125	0.55	-2.35
3865,922	2297,044		33502N61b	EGWO	46	3865,922	2169,83		1	N	N61b	33502N61b	EGWO	40	43	3	6	3,112.304	2,299.736	2.65	5.45
4669,461	3612,866		33502N61b	STWO	39	4669,461	2831,795		17	N	N61b	33502N61b	STWO	26	22	-4	13	4,694.765	3,567.125	-3.65	13.25
5573,939	3856,311		33510N65b	EGWO	31	5573,939	3834,809		7	N	N65b	33510N65b	EGWO	28	31	3	3	6,277.225	3,989.588	2.65	1.55
8999,326	4112,467		33529A07c	EGWO	49	8999,326	4448,041		6	A	A07c	33529A07c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8097,61	4733,772		33529A07c	STWO	38	8097,61	5044,348		30	A	A07c	33529A07c	STWO	45	41	-4	-7	7,859.686	4,834.514	-3.65	-6.25
13148,15	5413,451		33529A07e	EGWO	49	13148,15	5910,519		1	A	A07e	33529A07e	EGWO	49	49	0	0	12,607.067	5,256.977	0.55	1.55
7767,381	4525,352		33529A07e	STWO	41	7767,381	4569,067		15	A	A07e	33529A07e	STWO	46	42	-4	-5	7,859.686	4,412.051	-3.65	-6.25
6912,161	4422,988		33561N72a	STWO	46	6912,161	3759,024		121	N	N72a	33561N72a	STWO					6,277.225	4,412.051		
7180,617	4017,352		33588K44d	EGWO	49	7180,617	3626,2		9	K	K44d	33588K44d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7000	4001,684		33596A00e	EGWO	35	7000	4759,742		1	A	A00e	33596A00e	EGWO	44	46	2	-9	6,277.225	3,989.588	2.65	-10.15
7476,114	4458,8		33596A00e	STWO	29	7476,114	5518,443		19	A	A00e	33596A00e	STWO	40	36	-4	-11	7,859.686	4,412.051	-3.65	-10.15
3207,685	3060,432		33618N66f	STWO	8	3207,685	2979,681		80	N	N66f	33618N66f	STWO	7	7	0	1	3,112.304	3,144.662	0.55	1.55
6229,688			33626A08b	EGWO	37	6229,688	3393,951		2	A	A08b	33626A08b	EGWO					6,277.225			
7577,954	4413,924		33626A08b	STWO	42	7577,954	4402,888		64	A	A08b	33626A08b	STWO	43	41	-2	-1	7,859.686	4,412.051	-1.55	-2.35
7422,096	4464,351		33901K48c	STWO	49	7422,096	3766,6		131	K	K48c	33901K48c	STWO	44	40	-4	5	7,859.686	4,412.051	-3.65	5.45
5049,316	3717,792		33928N61l	STWO	36	5075,159	3239,079		78	N	N61b	33928N61b	STWO	27	26	-1	9	4,694.765	3,567.125	-1.55	9.35
7443,616	4452,172		33936A01f	STWO	36	7443,616	4718,689		2	A	A01f	33936A01f	STWO	43	39	-4	-7	7,859.686	4,412.051	-3.65	-6.25
6837,462	4273,49		33936A01g	STWO	33	7220,777	4250,736		2	A	A01g	33936A01g	STWO		38			6,277.225	4,412.051		
6794,797	4094,983		33936A01h	STWO	38	6794,797	3710,99		10	A	A01h	33936A01h	STWO	43	38	-5	-5	6,277.225	3,989.588	-5.75	-6.25
6815,142	4484,378		33944A01b	STWO	31	6815,142	5200,191		61	A	A01b	33944A01b	STWO	41	37	-4	-10	6,277.225	4,412.051	-3.65	-10.15
6536,523	3690,074		33944A01d	EGWO	26	6685,732	4555,773		9	A	A01d	33944A01d	EGWO	39	41	2	-13	6,277.225	3,567.125	2.65	-14.05
6904,22	4406,387		33944A01d	STWO	30	6904,22	4805,324		163	A	A01d	33944A01d	STWO	40	35	-5	-10	6,277.225	4,412.051	-5.75	-10.15
6318,131	4181,592		33944A01f	EGWO	36	7349,739	5025,833		2	A	A01f	33944A01f	EGWO	47	49	2	-11	6,277.225	3,989.588	2.65	-10.15
6990,99	4434,373		33944A01f	STWO	34	6990,99	4622,611		147	A	A01f	33944A01f	STWO	42	37	-5	-8	6,277.225	4,412.051	-5.75	-6.25
7382,024	4560,092		33960A00e	STWO	32	7382,024	5058,295		8	A	A00e	33960A00e	STWO	41	39	-2	-9	7,859.686	4,412.051	-1.55	-10.15
5766,219	4086,393		33979A00b	STWO	24	5766,219	4397,31		15	A	A00b	33979A00b	STWO	34	29	-5	-10	6,277.225	3,989.588	-5.75	-10.15
5616,862	4079,662		33987A00b	STWO	21	5616,862	4532,573		23	A	A00b	33987A00b	STWO	34	27	-7	-13	6,277.225	3,989.588	-7.85	-14.05
6106,028	4027,756		33995A04e	STWO	39	6106,028	3593,695		18	A	A04e	33995A04e	STWO	34	34	0	5	6,277.225	3,989.588	0.55	5.45
8604,167			33995A04h	EGWO	42	8604,167			1	A	A04h	33995A04h	EGWO	48	49	1	-6	7,859.686		0.55	-6.25
6225,908	4089,259		33995A04h	STWO	44	6225,908	3421,429		42	A	A04h	33995A04h	STWO	37	35	-2	7	6,277.225	3,989.588	-1.55	5.45
6751,773	4057,89		34002A00d	STWO	36	6751,773	3693,9		1	A	A00d	34002A00d	STWO	43	39	-4	-7	6,277.225	3,989.588	-3.65	-6.25
8563,158	4469,474		34010A01e	EGWO	33	8563,158	4177,045		3	A	A01e	34010A01e	EGWO	42	44	2	-9	7,859.686	4,412.051	2.65	-10.15
6000	4183,007		34010A01e	STWO	32	6000	3848,538		1	A	A01e	34010A01e	STWO	40	36	-4	-8	6,277.225	3,989.588	-3.65	-6.25
7411,765	4012,885		34029A01c	EGWO		7411,765	4840,296		3	A	A01c	34029A01c	EGWO	39				7,859.686	3,989.588		
7154,209	4479,532		34029A01c	STWO	33	7154,209	5015,744		5	A	A01c	34029A01c	STWO	39	34	-5	-6	7,859.686	4,412.051	-5.75	-6.25
5888,298	3126,084		34037A01c	EGWO		5888,298	3936,76		1	A	A01c	34037A01c	EGWO	39				6,277.225	3,144.662		
6688,95	4195,887		34037A01c	STWO	38	6688,95	3715,338		46	A	A01c	34037A01c	STWO	41	37	-4	-3	6,277.225	3,989.588	-3.65	-2.35
5417,647	3116,803		34045A00b	EGWO	30	5417,647	4038,723		1	A	A00b	34045A00b	EGWO	39	41	2	-9	4,694.765	3,144.662	2.65	-10.15
6020,292	4147,557		34045A00b	STWO	22	6020,292	4704,067		9	A	A00b	34045A00b	STWO	35	31	-4	-13	6,277.225	3,989.588	-3.65	-14.05
6905,263	3947,107		34053A03f	EGWO		6905,263	4725,222		1	A	A03f	34053A03f	EGWO					6,277.225	3,989.588		
7034,948	4325,369		34053A03f	STWO	31	7034,948	4872,409		11	A	A03f	34053A03f	STWO	41	37	-4	-10	6,277.225	4,412.051	-3.65	-10.15
7404,858	4638,135		34061A01g	STWO	30	7404,858	5218,614		22	A	A01g	34061A01g	STWO	41	37	-4	-11	7,859.686	4,834.514	-3.65	-10.15
6296,451	3564,489		34088A01e	EGWO	30	6296,451	4406,651		7	A	A01e	34088A01e	EGWO	41	43	2	-11	6,277.225	3,567.125	2.65	-10.15
6686,82	4293,736		34088A01e	STWO	37	6686,82	4205,679		40	A	A01e	34088A01e	STWO	39	36	-3	-2	6,277.225	4,412.051	-3.65	-2.35

578762

6604,167	3873,423	[redacted]	34096A00a	EGWO	32	6604,167	4713,697	[redacted]	1	A	A00a	34096A00a	EGWO	43	45	2	-11	6,277.225	3,989.588	2.65	-10.15
7080,385	4483,602		34096A00a	STWO	29	7080,385	4911,247		6	A	A00a	34096A00a	STWO	38	35	-3	-9	7,859.686	4,412.051	-3.65	-10.15
7087,206	4652,605		34118A00a	STWO	25	7087,206	5427,657		19	A	A00a	34118A00a	STWO	37	34	-3	-12	7,859.686	4,834.514	-3.65	-10.15
6541,848	4004,693		34126A00c	STWO	41	6541,848	3398,116		8	A	A00d	34125A00d	STWO	43	39	-4	-2	6,277.225	3,989.588	-3.65	-2.35
6664	3668,505		34142A00c	EGWO	34	6664	4475,273		1	A	A00d	34142A00d	EGWO	44	46	2	-10	6,277.225	3,567.125	2.65	-10.15
7446,769	4494,504		34142A00c	STWO	33	7446,769	4964,804		14	A	A00d	34142A00d	STWO	42	39	-3	-9	7,859.686	4,412.051	-3.65	-10.15
7806,931	4615,8		34169K25a	STWO	49	7806,931	3667,983		7	K	K25a	34169K25a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7114,17	4287,048		34177K25a	STWO	49	7116,902	3485,1		102	K	K25a	34177K25a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7876,702	4475,154		34177K25b	STWO	49	7876,702	3830,827		110	K	K25b	34177K25b	STWO	44	43	-1	5	7,859.686	4,412.051	-1.55	5.45
7649,621	4366,71		34185A04h	STWO	42	7649,621	4467,237		14	A	A04h	34185A04h	STWO	45	43	-2	-3	7,859.686	4,412.051	-1.55	-2.35
6162,5			34193F86c	EGWO		6162,5			1	F	F86c	34193F86c	EGWO					6,277.225			
4626,761	3679,805		34193F86c	STWO	25	4626,761	3440,354		360	F	F86c	34193F86c	STWO	21	20	-1	4	4,694.765	3,567.125	-1.55	5.45
7126,869	3768,605		34207A04h	EGWO	42	7126,869	4448,342		2	A	A04h	34207A04h	EGWO	48	49	1	-6	7,859.686	3,567.125	0.55	-6.25
7431,323	4536,412		34207A04h	STWO	35	7431,323	4881,752		33	A	A04h	34207A04h	STWO	42	39	-3	-7	7,859.686	4,412.051	-3.65	-6.25
7457,331	4084,577		34215E22a	STWO	49	7519,761	3403,256		45	E	E22a	34215E22a	STWO	49	44	-5	0	7,859.686	3,989.588	-5.75	1.55
6114,286			34215K24a	EGWO	46	6114,286	3116,828		1	K	K24a	34215K24a	EGWO	49	49	0	-3	6,277.225		0.55	-2.35
7283,065	4221,661		34215K24a	STWO	49	7283,065	3066,109		79	K	K24a	34215K24a	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
7489,64	4325,176		34215K24b	STWO	49	7489,64	3221,872		93	K	K24b	34215K24b	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
6886,695	3268,595		34215K24c	EGWO	47	6886,695	3994,777		3	K	K24c	34215K24c	EGWO					6,277.225	3,144.662		
7470,07	4259,263		34215K24c	STWO	49	7470,07	3211,026		76	K	K24c	34215K24c	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7328,826	3950,223		34215K24e	STWO	49	7328,826	2652,128		28	K	K24e	34215K24e	STWO	43	40	-3	6	7,859.686	3,989.588	-3.65	5.45
8745,946	3674,224		34215K47b	EGWO	49	8745,946	3646,954		2	K	K47b	34215K47b	EGWO					9,442.146	3,567.125		
5486,213	4431,36		34215K47b	STWO	49	5486,213	3242,044		6	K	K47b	34215K47b	STWO		46			6,277.225	4,412.051		
8971,33	3398,525		34258K48f	EGWO	49	8971,33	2503,559		12	K	K48f	34258K48f	EGWO		49			9,442.146	3,567.125		
7202,066	4147,975		34258K48f	STWO	49	7202,066	3272,216		171	K	K48f	34258K48f	STWO	46	42	-4	3	7,859.686	3,989.588	-3.65	1.55
7787,888	4143,04		34258K49f	STWO	49	7787,888	2817,92		162	K	K49f	34258K49f	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
12218,75			34266K48d	EGWO		12218,75	4055,585		2	K	K48d	34266K48d	EGWO					12,607.067			
7469,593	4268,378		34266K48c	STWO	42	7469,593	4364,614		100	K	K48d	34266K48d	STWO	47	43	-4	-5	7,859.686	4,412.051	-3.65	-6.25
6767,657	4048,814		34266K48f	STWO	49	6767,657	3079,197		95	K	K48f	34266K48f	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
6784,067	4293,877		34282K48c	STWO	48	6784,067	3536,254		50	K	K48c	34282K48c	STWO	40	37	-3	8	6,277.225	4,412.051	-3.65	9.35
6406,711	4020,738		34282K48f	STWO	49	6406,711	3177,339		96	K	K48f	34282K48f	STWO	41	37	-4	8	6,277.225	3,989.588	-3.65	9.35
11160,16			34282K49a	EGWO	49	11160,16	3212,909		9	K	K49a	34282K49a	EGWO		49			11,024.607			
6736,591	3977,584		34282K49a	STWO	49	6736,591	2499,307		3	K	K49a	34282K49a	STWO	48	45	-3	1	6,277.225	3,989.588	-3.65	1.55
8991,399	3496,52		34282K49b	EGWO	49	8991,399	2445,235		24	K	K49b	34282K49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7115,026	4009,639		34282K49b	STWO	49	7115,026	2704,973		22	K	K49b	34282K49b	STWO	46	44	-2	3	7,859.686	3,989.588	-1.55	1.55
6928,662	3973,736		34282K49e	STWO	49	6928,662	2637,693		133	K	K49e	34282K49e	STWO	47	43	-4	2	6,277.225	3,989.588	-3.65	1.55
6988,418	3955,991		34282K49f	STWO	49	6988,418	2585,997		103	K	K49f	34282K49f	STWO	47	43	-4	2	6,277.225	3,989.588	-3.65	1.55
3257,127	3080,714		34320N66f	STWO	9	3257,127	2986,772		80	N	N66f	34320N66f	STWO	7	7	0	2	3,112.304	3,144.662	0.55	1.55
7054,279	4262,931		34339E21a	STWO	49	7054,279	3368,942		118	E	E21a	34339E21a	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
7209,236	4293,379		34347E21a	STWO	49	7209,236	3572,201		172	E	E21a	34347E21a	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
4257,479	2591,998		34398N70a	EGWO	44	4257,479	2373,58		16	N	N70a	34398N70a	EGWO	38	39	1	6	4,694.765	2,722.199	0.55	5.45
4955,323	2760,68		34398N70b	EGWO	49	4955,323	2551,231		16	N	N70b	34398N70b	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.35
4066,282	3442,661		34398N70b	STWO	21	4066,282	3377,371		137	N	N70b	34398N70b	STWO	17	16	-1	4	4,694.765	3,567.125	-1.55	5.45
5022,975	3645,105		34452N65b	EGWO	31	5022,975	3474,723		8	N	N65b	34452N65b	EGWO	24	27	3	7	4,694.765	3,567.125	2.65	5.45
6755,43	4355,294		34460A00c	STWO	33	6755,43	4571,008		5	A	A00d	34460A00d	STWO	40	36	-4	-7	6,277.225	4,412.051	-3.65	-6.25
5034,657	3492,5		34479N66c	EGWO	26	5034,657	4053,291		7	N	N66c	34479N66c	EGWO	30	30	0	-4	4,694.765	3,567.125	0.55	-2.35
4721,19	2904,238		34487N67a	EGWO	39	4721,19	2802,649		25	N	N67a	34487N67a	EGWO	35	38	3	4	4,694.765	2,722.199	2.65	5.45
4427,945	3611,562		34487N67a	STWO	31	4427,945	3017,594		52	N	N67a	34487N67a	STWO	18	18	0	13	4,694.765	3,567.125	0.55	13.25
6450,282	2949,818		34495M55	EGWO	49	6450,282	2516,523		4	M	M55b	34495M55b	EGWO	47	49	2	2	6,277.225	3,144.662	2.65	1.55
6168,034	3690,104		34495M55	STWO	44	6168,034	3175,193		154	M	M55b	34495M55b	STWO	36	35	-1	8	6,277.225	3,567.125	-1.55	9.35
5033,534	3759,909		34509K91b	STWO	30	5033,534	3518,48		37	K	K91b	34509K91b	STWO	30	25	-5	0	4,694.765	3,567.125	-5.75	1.55
5086,416	3718,229		34517N65b	EGWO	30	5086,416	3568,061		16	N	N65b	34517N65b	EGWO	24	27	3	6	4,694.765	3,567.125	2.65	5.45
7218,357	3263,425		34541K52g	EGWO	49	7218,357	2773,003		32	K	K52g	34541K52g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6623,188	4297,643		34541K52g	STWO	33	6623,188	4447,858		24	K	K52g	34541K52g	STWO	36	35	-1	-3	6,277.225	4,412.051	-1.55	-2.35
3931,897	2808,912		34576N65a	EGWO	27	3931,897	2862,078		25	N	N65a	34576N65a	EGWO	20	29	9	7	4,694.765	2,722.199	8.95	5.45
4756,556	3876,208		34576N65a	STWO	16	4756,556	3445,342		4	N	N65a	34576N65a	STWO		11			4,694.765	3,989.588		
7246,691	4336,017		34592K44c	STWO	49	7246,691	3479,239		235	K	K44c	34592K44c	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
6553,905	4323,788		34614A00c	STWO	25	6553,905	4950,469		15	A	A00c	34614A00c	STWO	36	32	-4	-11	6,277.225	4,412.051	-3.65	-10.15
6419,854	3948,215		34622N67a	EGWO	35	6419,854	4005,374		78	N	N67a	34622N67a	EGWO	33	38	5	2	6,277.225	3,989.588	4.75	1.55
5800			34622N67a	STWO	32	5800	3708		1	N	N67a	34622N67a	STWO	19	18	-1	13	6,277.225		-1.55	13.25
6157,143	4501,185		34649A00a	STWO	30	6157,143	5472,468		4	A	A00a	34649A00a	STWO	38	35	-3	-8	6,277.225	4,412.051	-3.65	-6.25
6853,256	4386,043		34649A00c	STWO	27	6853,256	5033,416		8	A	A00c	34649A00c	STWO	39	35	-4	-12	6,277.225	4,412.051	-3.65	-10.15
3616,143	3301,867		34673F78c	STWO	11	3616,143	3226,904		76	F	F78c	34673F78c	STWO	13	9	-4	-2	3,112.304	3,144.662	-3.65	-2.35
8114,991	4864,134		34703A01b	STWO	27	8114,991	5860,672		23	A	A01b	34703A01b	STWO	43	39	-4	-16	7,859.686	4,834.514	-3.65	-14.05
7574,155	4451,656		34711E43a	STWO	49	7574,155	3776,724		202	E	E43a	34711E43a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7330,147	3917,942		34746A01e	EGWO	33	7330,147	4840,296		3	A	A01e	34746A01e	EGWO	42	44	2	-9	7,859.686	3,989.588	2.65	-10.15
7376,064	4647,425		34746A01e	STWO	34	7376,064	4821,96		9	A	A01e	34746A01e	STWO	40	36	-4	-6	7,859.686	4,834.514	-3.65	-6.25
6050,362	3905,98		34754M33c	STWO	33	6050,362	4033,1		562	M	M33c	34754M33c	STWO	38	36	-2	-5	6,277.225	3,989.588	-1.55	-6.25
6054,483	3906,222		34762M32b	STWO	39	6054,483	3702,944		143	M	M32b	34762M32b	STWO	34	36	2	5	6,277.225	3,989.588	2.65	5.45
6548,651	4166,636		34770M31a	STWO	46	6122,511	3471,97		33	M	M31a	34770M31a	STWO	38	35	-3	8	6,277.225	3,989.588	-3.65	9.35
6216,426	4011,055		34770M31b	STWO	46	6216,426	3373,195		86	M	M31b	34770M31b	STWO	37	34	-3	9	6,277.225	3,989.588	-3.65	9.35
5484,668	3855,45		34770M31c	STWO	37	5484,668	3428,94		259	M	M31c	34770M31c	STWO	32	29	-3	5	4,694.765	3,989.588	-3.65	5.45
6320,638	4192,629		34770M32b	STWO	35	6320,638	4207,561		86	M	M32b	34770M32b	STWO	34	33	-1	1	6,277.225	3,989.588	-1.55	1.55
6200,335	3833,342		34800E43a	STWO	49	6200,335	2734,973		24	E	E43a	34800E43a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
7050,358	4091,42		34800E43b	STWO	49	7050,358	3116,851		75	E	E43b	34800E43b	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
6789,797	4193,334		34800K44a	STWO	39	6789,797	5061,793		202	K	K44a	34800K44a	STWO	41	39	-2	-2	6,277.225	3,989.588	-1.55	-2.35
5666,138	3902,04		34800K44b	STWO	47	5666,138	3673,896		47	K	K44b	34800K44b	STWO	37	35	-2	10	6,277.225	3,989.588	-1.55	9.35
5946,056	3833,863		34819E43a	STWO	49	5946,056	2883,77		23	E	E43a	34819E43a	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25
4390,652	2581,38		34827F86b	EGWO	47	4390,652	2309,754		8	F	F86b	34827F86b	EGWO	38	40	2	9	4,694.765	2,722.199	2.65	9.35
5724,194	3693,488		34827F86b	STWO	32	5724,194	3870,466		49	F	F86b	34827F86b	STWO		23			6,277.225	3,567.125		
6768,482	4141,097		34843M27a	STWO	49	6768,482	3303,41		219	M	M27a	34843M27a	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
7311,223	3841,187		34886N73h	EGWO	45	7311,223	3416,142		6	N	N73h	34886N73h	EGWO	43	45	2	2	7,859.686	3,989.588	2.65	1.55
5576,792			34894N73h	EGWO	45	5576,792			1	N	N73h	34894N73h	EGWO	43	45	2	2	6,277.225		2.65	1.55
6685,483	4160,48		34924A01g	STWO	33	6685,483	4392,159		14	A	A01g	34924A01g	STWO	38	34	-4	-5	6,277.225	3,989.588	-3.65	-6.25
6971,16	4190,689		34959K26b	STWO	49	6971,16	3365,67		22	K	K26b	34959K26b	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
6267,331	4073,584		34975E13b	STWO	31	6388,427	3270,981		22	E	E13b	34975E13b	STWO	39	35	-4	-8	6,277.225	3,989.588	-3.65	-6.25
5362,637	3045,962		34991A01b	EGWO	24	5362,637	3969,593		1	A	A01b	34991A01b	EGWO	38	43	5	-14	4,694.765	3,144.662	4.75	-14.05
7539,173	4727,435		34991A01b	STWO	29	7539,173	5386,008		7	A	A01b	34991A01b	STWO	41	37	-4	-12	7,859.686	4,834.514	-3.65	-10.15
4180,727	3411,722		35017K90c	STWO	26	4180,727	3164,532		47	K	K90c	35017K90c	STWO	26	19	-7	0	4,694.765	3,567.125	-7.85	1.55
3939,22	2795,074		35033N65a	EGWO	27	3939,22	2863,967		15	N	N65a	35033N65a	EGWO	21	29	8	6	4,694.765	2,722.199	8.95	5.45
4340,909	3809,646		35033N65a	STWO	16	4340,909	3388,155		2	N	N65a	35033N65a	STWO		11			4,694.765	3,989.588		
6857,093	4311,348		35041E18b	STWO	47	6857,093	3623,289		196	E	E18b	35041E18b	STWO	39	37	-2	8	6,277.225	4,412.051	-1.55	9.35
6051,272	4129,307		35041E19b	STWO	31	6051,272	4455,518		41	E	E19b	35041E19b	STWO	29	30	1	2	6,277.225	3,989.588	0.55	1.55
7626,425	4030,417		35068K47a	STWO	49	7626,425	2374,438		9	K	K47a	35068K47a	STWO		46			7,859.686	3,989.588		
5423,515	3916,859		35076K90c	STWO	26	5423,515	4031,367		47	K	K90c	35076K90c	STWO	29	26	-3	-3	4,694.765	3,989.588	-3.65	-2.35
6992,359	4095,21		35092E17a	STWO	49	6992,359	3478,064		69	E	E17a	35092E17a	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
4734,234	3680,431		35106K90c	STWO	23	4734,234	3669,883		36	K	K90c	35106K90c	STWO	26	22	-4	-3	4,694.765	3,567.125	-3.65	-2.35
7474,167	3907,956		35130N73h	EGWO	45	7474,167	4139,705		5	N	N73h	35130N73h	EGWO	43	45	2	2	7,859.686	3,989.588	2.65	1.55
5649,678	3936,194		35149M32a	STWO	41	5649,678	3245,748		66	M	M32a	35149M32a	STWO	32	30	-2	9	6,277.225	3,989.588	-1.55	9.35
3910,29	2635,925		35157F83a	EGWO	31	3910,29	2692,693		18	F	F83a	35157F83a	EGWO	30	33	3	1	4,694.765	2,722.199	2.65	1.55
5620,423	3485,978		35165N63a	EGWO	41	5620,423	3311,864		15	N	N63a	35165N63a	EGWO	34	38	4	7	6,277.225	3,567.125	4.75	5.45
8378,047	4387,617		35173E22a	STWO	49	8411,048	3225,851		30	E	E22a	35173E22a	STWO	49	48	-1	0	7,859.686	4,412.051	-1.55	1.55
5540,741	3481,064		35181N63a	EGWO	39	5540,741	3375,686		9	N	N63a	35181N63a	EGWO	35	37	2	4	6,277.225	3,567.125	2.65	5.45

5557,656	3386,326	[redacted]	35203N63a	EGWO	41	5557,656	3265,145	[redacted]	47	N	N63a	35203N63a	EGWO	37	39	2	4	6,277.225	3,567.125	2.65	5.45
5576,872	3200,511		35246F89a	EGWO	41	5576,872	3631,552		4	F	F89a	35246F89a	EGWO	33	38	5	8	6,277.225	3,144.662	4.75	9.35
5227,251	3649,92		35270F86b	STWO	32	5241,041	3518,838		89	F	F86b	35270F86b	STWO		23			4,694.765	3,567.125		
4073,045	3845,23		35297F76b	STWO	5	4073,045	4371,855		24	F	F76b	35297F76b	STWO	7	8	1	-2	4,694.765	3,989.588	0.55	-2.35
4470,51	3037,692		35300F89b	EGWO	31	4470,51	3078,791		46	F	F89b	35300F89b	EGWO	29	32	3	2	4,694.765	3,144.662	2.65	1.55
4590,164	3802,894		35300F89b	STWO	13	4590,164	4259,801		96	F	F89b	35300F89b	STWO	18	14	-4	-5	4,694.765	3,989.588	-3.65	-6.25
7246,856	4200,256		35319K44a	STWO	44	7246,856	3266,338		4	K	K44a	35319K44a	STWO	41	39	-2	3	7,859.686	3,989.588	-1.55	1.55
7380,965	4379,87		35319K44b	STWO	49	7380,965	3566,257		122	K	K44b	35319K44b	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
6733,556	4171,267		35319K44e	STWO	48	6733,556	3462,038		42	K	K44e	35319K44e	STWO	42	37	-5	6	6,277.225	3,989.588	-5.75	5.45
6189,187	4141,683		35327E38c	STWO	48	6189,187	3207,855		65	E	E38c	35327E38c	STWO	35	33	-2	13	6,277.225	3,989.588	-1.55	13.25
6397,659	4158,862		35335K26c	STWO	46	6397,659	3418,816		33	K	K26c	35335K26c	STWO	43	35	-8	3	6,277.225	3,989.588	-7.85	1.55
6362,099	4114,723		35343K26c	STWO	47	6362,099	3343,517		33	K	K26c	35343K26c	STWO	42	35	-7	5	6,277.225	3,989.588	-7.85	5.45
8170,594	4648,264		35351K48b	STWO	49	8170,594	4125,144		48	K	K48b	35351K48b	STWO	46	43	-3	3	7,859.686	4,834.514	-3.65	1.55
5151,661	3194,612		35386F77f	EGWO	30	5151,661	3503,172		37	F	F77f	35386F77f	EGWO	25	28	3	5	4,694.765	3,144.662	2.65	5.45
4090,901	2824,088		35394F77f	EGWO	29	4090,901	2916,701		20	F	F77f	35394F77f	EGWO	27	31	4	2	4,694.765	2,722.199	4.75	1.55
7926,565	4583,388		35416A03c	STWO	45	7926,565	4403,415		19	A	A03c	35416A03c	STWO	45	43	-2	0	7,859.686	4,412.051	-1.55	1.55
8004,007	4715,299		35416A03e	STWO	40	8004,007	5005,52		7	A	A03e	35416A03e	STWO	43	41	-2	-3	7,859.686	4,834.514	-1.55	-2.35
4819,179	3738,896		35432F86b	STWO	28	4819,179	3614,394		88	F	F86b	35432F86b	STWO	25	24	-1	3	4,694.765	3,567.125	-1.55	1.55
7809,068	3774,008		35440A06k	EGWO	48	7809,068	3994,266		21	A	A06k	35440A06k	EGWO	49	49	0	-1	7,859.686	3,567.125	0.55	-2.35
8052,238	4694,913		35440A06k	STWO	39	8052,238	4940,736		26	A	A06k	35440A06k	STWO	44	41	-3	-5	7,859.686	4,834.514	-3.65	-6.25
5637,565	3837,864		35459M32	STWO	45	5637,565	3106,814		62	M	M32b	35459M32b	STWO	33	32	-1	12	6,277.225	3,989.588	-1.55	13.25
5730,769	3718,572		35467N63a	EGWO	37	5730,769	3593,59		8	N	N63a	35467N63a	EGWO	31	35	4	6	6,277.225	3,567.125	4.75	5.45
5998,464	3992,192		35475E38c	STWO	49	5998,464	2993,81		25	E	E38c	35475E38c	STWO	35	33	-2	14	6,277.225	3,989.588	-1.55	13.25
6839,301	4350,594		35483M28a	STWO	47	6839,301	3607,356		204	M	M28a	35483M28a	STWO	37	36	-1	10	6,277.225	4,412.051	-1.55	9.35
6468,695	4068,472		35491M31a	STWO	42	6483,829	3789,1		55	M	M31a	35491M31a	STWO	40	37	-3	2	6,277.225	3,989.588	-3.65	1.55
6869,621	4281,869		35505M31a	STWO	49	6869,621	3537,517		15	M	M31a	35505M31a	STWO	39	38	-1	10	6,277.225	4,412.051	-1.55	9.35
7458,299	4046,896		35513K49e	STWO	49	7458,299	2622,998		61	K	K49e	35513K49e	STWO	49	46	-3	0	7,859.686	3,989.588	-3.65	1.55
9632,206	3642,527		35521K49c	EGWO	49	9632,206	2400,583		7	K	K49d	35521K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7082,927	4036,966		35521K49c	STWO	49	7082,927	2581,078		65	K	K49d	35521K49d	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
3235,125	3057,999		35556N66f	STWO	8	3235,125	2983,102		77	N	N66f	35556N66f	STWO	7	7	0	1	3,112.304	3,144.662	0.55	1.55
6099,638	3909,535		35564E37c	STWO	49	6099,638	2860,389		34	E	E37d	35564E37d	STWO	39	36	-3	10	6,277.225	3,989.588	-3.65	9.35
2078,829			35572K90e	EGWO		2078,829	3346,135		8	K	K90e	35572K90e	EGWO					1,529.844			
3357,839	2449,858		35602F77c	EGWO	30	3357,839	2495,981		16	F	F77c	35602F77c	EGWO	24	31	7	6	3,112.304	2,299.736	6.85	5.45
7165,872	4325,871		35610E18a	STWO	49	7165,872	3512,597		18	E	E18a	35610E18a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7534,619	4343,119		35629K25b	STWO	49	7534,619	3424,062		18	K	K25b	35629K25b	STWO	45	42	-3	4	7,859.686	4,412.051	-3.65	5.45
5707,692	2661,5		35629K26b	EGWO		5707,692	2400,117		1	K	K26b	35629K26b	EGWO					6,277.225	2,722.199		
6920,237	4193,889		35629K26b	STWO	49	6920,237	3322,784		15	K	K26b	35629K26b	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
6858,258	4145,641		35645E18b	STWO	43	6858,258	3987,39		132	E	E18b	35645E18b	STWO	41	39	-2	2	6,277.225	3,989.588	-1.55	1.55
6069,764	4125,33		35645E19b	STWO	31	6069,764	4376,682		26	E	E19b	35645E19b	STWO	31	31	0	0	6,277.225	3,989.588	0.55	1.55
7596,517	4339,549		35661K25a	STWO	49	7596,517	3577,839		91	K	K25a	35661K25a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7930,347	4454,438		35661K25b	STWO	49	7930,347	3763,228		54	K	K25b	35661K25b	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
6897,078	4333,756		35661K26a	STWO	49	6897,078	3530,163		104	K	K26a	35661K26a	STWO	40	37	-3	9	6,277.225	4,412.051	-3.65	9.35
7147,921	4253,715		35661K26b	STWO	49	7163,485	3591,722		133	K	K26b	35661K26b	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
4362,342	3006,127		35688N65c	EGWO	31	4362,342	3004,011		16	N	N65c	35688N65c	EGWO	29	31	2	2	4,694.765	3,144.662	2.65	1.55
4836,957	3507,223		35696M31c	STWO	33	4836,957	2599,454		1	M	M31c	35696M31c	STWO	30	27	-3	3	4,694.765	3,567.125	-3.65	1.55
4960,153	3965,937		35718K91c	STWO	23	4960,153	4247,921		47	K	K91c	35718K91c	STWO	27	20	-7	-4	4,694.765	3,989.588	-7.85	-2.35
4446,766	2541,045		35734F78b	EGWO	37	4446,766	2426,116		10	F	F78b	35734F78b	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
3736,842	3217,233		35734F78b	STWO	31	3736,842	2153,51		1	F	F78b	35734F78b	STWO	20	14	-6	11	3,112.304	3,144.662	-5.75	9.35
3250,628	3084,762		35750N66f	STWO	8	3250,628	3016,004		80	N	N66f	35750N66f	STWO	7	7	0	1	3,112.304	3,144.662	0.55	1.55
6410,526	3844,732		35769A01c	EGWO	30	6410,526	4725,222		1	A	A01d	35769A01d	EGWO	43	44	1	-13	6,277.225	3,989.588	0.55	-14.05
6700,568	4285,003		35769A01c	STWO	30	6700,568	4688,946		6	A	A01d	35769A01d	STWO	41	36	-5	-11	6,277.225	4,412.051	-5.75	-10.15
6118,418	3414,228		35777N73h	EGWO	45	6118,418	3156,973		11	N	N73h	35777N73h	EGWO	43	44	1	2	6,277.225	3,567.125	0.55	1.55
6125	3914,144		35807E41b	STWO	49	6125	2782,84		4	E	E41b	35807E41b	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25
5772,405	2872,645		35815M55	EGWO	49	5772,405	2608,36		6	M	M55g	35815M55g	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6478,981	4045,099		35815M55	STWO	49	6478,981	3214,672		20	M	M55g	35815M55g	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
5335,575	3859,788		35823F89a	STWO	20	5335,575	4512,071		16	F	F89a	35823F89a	STWO	23	23	0	-3	4,694.765	3,989.588	0.55	-2.35
6084,615	2858,943		35858M30	EGWO	49	6084,615	2647,944		1	M	M30a	35858M30a	EGWO	45	46	1	4	6,277.225	2,722.199	0.55	5.45
6440,856	4093,706		35858M30	STWO	48	6440,856	3360,643		66	M	M30a	35858M30a	STWO	37	36	-1	11	6,277.225	3,989.588	-1.55	9.35
5852,474	2804,195		35858M30	EGWO	49	6245,807	2769,73		16	M	M30b	35858M30b	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6913,958	4106,672		35858M30	STWO	49	6913,958	3321,089		86	M	M30b	35858M30b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
6764,682	4229,702		35874M30	STWO	49	6764,682	3464,438		262	M	M30b	35874M30b	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
8317,647	4361,012		35882A02c	EGWO	49	8317,647	4840,296		1	A	A02c	35882A02c	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
3831,228	3592,713		35890N70a	STWO	6	3831,228	3835,848		48	N	N70a	35890N70a	STWO	7	8	1	-1	3,112.304	3,567.125	0.55	-2.35
4139,705	2601,85		35920F78a	EGWO	38	4139,705	2586,086		9	F	F78a	35920F78a	EGWO	35	37	2	3	4,694.765	2,722.199	2.65	1.55
3751,825	3343,074		35920F78a	STWO	9	3751,825	3399,355		30	F	F78a	35920F78a	STWO	11	11	0	-2	3,112.304	3,144.662	0.55	-2.35
3315,789	2228,988		35920F78b	EGWO	32	3315,789	2231,034		8	F	F78b	35920F78b	EGWO	29	33	4	3	3,112.304	2,299.736	4.75	1.55
4838,345	3671,062		35920F78b	STWO	29	4838,345	3386,257		49	F	F78b	35920F78b	STWO	21	24	3	8	4,694.765	3,567.125	2.65	9.35
6623,572	3958,549		35939K52c	STWO	49	6623,572	2833,985		29	K	K52d	35939K52d	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6597,07	3993,748		35939K54a	STWO	49	6597,07	2995,942		83	K	K54a	35939K54a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
6150	3161,602		35939K54b	EGWO		6150	3669,403		1	K	K54b	35939K54b	EGWO					6,277.225	3,144.662		
7029,583	4272,122		35939K54b	STWO	49	7029,583	3562,793		34	K	K54b	35939K54b	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
6042,539	4026,088		35955E37c	STWO	44	6042,539	3085,46		81	E	E37c	35955E37c	STWO	35	33	-2	9	6,277.225	3,989.588	-1.55	9.35
6147,746	4021,62		35963M30	STWO	46	6147,746	3339,621		139	M	M30a	35963M30a	STWO	36	34	-2	10	6,277.225	3,989.588	-1.55	9.35
6790,283	4144,036		35963M30	STWO	45	6790,283	3716,671		110	M	M30b	35963M30b	STWO	40	39	-1	5	6,277.225	3,989.588	-1.55	5.45
5670,756	3968,146		35971M57	STWO	44	5670,756	3183,688		129	M	M57a	35971M57a	STWO	30	30	0	14	6,277.225	3,989.588	0.55	13.25
8026,697	4071,548		35998A06l	EGWO	40	8025,697	4640,183		17	A	A06l	35998A06l	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
7638,622	4488,995		35998A06l	STWO	42	7638,622	4383,71		147	A	A06l	35998A06l	STWO	43	40	-3	-1	7,859.686	4,412.051	-3.65	-2.35
7146,264	4362,904		36021K48c	STWO	49	7146,264	3597,953		88	K	K48c	36021K48c	STWO	43	39	-4	6	7,859.686	4,412.051	-3.65	5.45
7429,252	4729,739		36048A09i	STWO	31	7429,252	5382,241		11	A	A09i	36048A09i	STWO	39	36	-3	-8	7,859.686	4,834.514	-3.65	-6.25
3683,408	3675,298		36056F81c	STWO	8	3683,408	4135,821		73	F	F81c	36056F81c	STWO	9	8	-1	-1	3,112.304	3,567.125	-1.55	-2.35
3643,62	3295,075		36056F82b	STWO	11	3643,62	3322,059		56	F	F82b	36056F82b	STWO	12	10	-2	-1	3,112.304	3,144.662	-1.55	-2.35
3203,58	3215,149		36056F82c	STWO	5	3203,58	3253,594		96	F	F82c	36056F82c	STWO	6	6	0	-1	3,112.304	3,144.662	0.55	-2.35
4201,396	3696,654		36064F89a	STWO	13	4201,396	3949,657		24	F	F89a	36064F89a	STWO	13	13	0	0	4,694.765	3,567.125	0.55	1.55
5684,932	4050,002		36072E38c	STWO	43	5684,932	3225,628		60	E	E38c	36072E38c	STWO	33	29	-4	10	6,277.225	3,989.588	-3.65	9.35
3922,286	2835,947		36080N65a	EGWO	26	3922,286	2896,314		18	N	N65a	36080N65a	EGWO	20	28	8	6	4,694.765	2,722.199	8.95	5.45
7606,735	3285,077		36099K52g	EGWO	49	7606,735	2848,493		10	K	K52g	36099K52g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6818,762	4312,546		36110N67a	EGWO	36	6818,762	4326,602		16	N	N67a	36110N67a	EGWO	35	37	2	1	6,277.225	4,412.051	2.65	1.55
4467,273	3572,47		36145F89c	STWO	26	4467,273	3303,678		28	F	F89c	36145F89c	STWO	23	22	-1	3	4,694.765	3,567.125	-1.55	1.55
4239,861	3788,575		36153F85b	STWO	9	4239,861	4209,389		36	F	F85b	36153F85b	STWO	11	10	-1	-2	4,694.765	3,989.588	-1.55	-2.35
6836,364	4079,848		36188N73d	EGWO	40	6836,364	4196,57		1	N	N73d	36188N73d	EGWO	40	43	3	0	6,277.225	3,989.588	2.65	1.55
6977,575	4127,485		36196K52b	STWO	49	6977,575	3124,465		168	K	K52b	36196K52b	STWO	43	41	-2	6	6,277.225	3,989.588	-1.55	5.45
7056,566	4213,422		36196K52c	STWO	49	7056,566	4770,921		75	K	K52c	36196K52c	STWO	44	41	-3	5	6,277.225	4,412.051	-3.65	5.45
6847,517	4130,193		36196K52d	STWO	49	6847,517	3207,218		31	K	K52d	36196K52d	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6564,347	4047,952		36196K54a	STWO	49	6564,347	3193,203		40	K	K54a	36196K54a	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6911,245	4258,543		36196K54h	STWO	49	6911,245	3520,131		268	K	K54h	36196K54h	STWO	41	38	-3	8	6,277.225	4,412.051	-3.65	9.35
6524,669	4078,48		36196K54c	STWO	49	6524,669	3180,906		39	K	K54c	36196K54c	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
7285,794	4374,534		36196K54d	STWO	48	7285,794	3779,448		36	K	K54d	36196K54d	STWO	42	40	-2	6	7,859.686	4,412.051	-1.55	5.45
6227,775	3900,411		36226K53b	STWO	49	6227,775	3088,682		107	K	K53b	36226K53b	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
5506,531	3782,468		36250N65b	EGWO	32	5506,531	3738,489		31	N	N65b	36250N65b	EGWO	27	31	4	5	6,277.225	3,989.588	4.75	5.45
5527,798	3421,358		36269N63a	EGWO	41	5527,798	3237,959		18	N	N63a	36269N63a	EGWO	36	38	2	5	6,277.225	3,567.125	2.65	5.45
8503,579	3965,261		36293A07g	EGWO	49	8503,579	4252,461		23	A	A07g	36293A07g	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7884,928	4543,707		36293A07g	STWO	45	7884,928	4321,962		253	A	A07g	36293A07g	STWO	45	42	-3	0	7,859.686	4,412.051	-3.65	1.55
7743,28	4562,735		36307A03d	STWO	42	7743,28	4505,247		110	A	A03d	36307A03d	STWO	44	41	-3	-2	7,859.686	4,412.051	-3.65	-2.35

7820,646	4661,356	[redacted]	36307A03e	STWO	40	7820,646	4918,847	[redacted]	13	A	A03e	36307A03e	STWO	43	40	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7655,413	4538,598		36307A07g	STWO	39	7655,413	4707,414		44	A	A07g	36307A07g	STWO	43	40	-3	-4	7,859.686	4,412.051	-3.65	-2.35
7674,956	4429,024		36315E18a	STWO	49	7674,956	3644,126		32	E	E18a	36315E18a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7509,009	4150,576		36323K47a	STWO	49	7509,009	2835,773		64	K	K47a	36323K47a	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
7607,799	4145,833		36323K47b	STWO	49	7607,799	2784,496		17	K	K47b	36323K47b	STWO	48	45	-3	1	7,859.686	3,989.588	-3.65	1.55
8244,943	4372,934		36323K47c	STWO	49	8244,943	3127,414		76	K	K47c	36323K47c	STWO		47			7,859.686	4,412.051		
7662,231	4257,074		36323K47f	STWO	49	7662,231	3025,472		97	K	K47f	36323K47f	STWO	48	45	-3	1	7,859.686	4,412.051	-3.65	1.55
5284,826	3651,333		36323K47j	STWO	49	5284,826	2782,676		13	K	K47j	36323K47j	STWO	42	39	-3	7	4,694.765	3,567.125	-3.65	5.45
7269,499	4394,428		36366E14e	STWO	49	7269,499	3494,1		58	E	E14e	36366E14e	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
5684,361	4038,536		36374E14c	STWO	24	5684,361	4314,817		112	E	E14c	36374E14c	STWO	28	29	1	-4	6,277.225	3,989.588	0.55	-2.35
6676,199	4332,539		36374E14c	STWO	44	6682,156	3813,573		101	E	E14d	36374E14d	STWO	36	35	-1	8	6,277.225	4,412.051	-1.55	9.35
7389,257	4360,212		36374E14e	STWO	49	7389,257	3448,443		116	E	E14e	36374E14e	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
7271,571	4479,114		36382E14c	STWO	49	7271,571	3693,85		47	E	E14d	36382E14d	STWO	40	38	-2	9	7,859.686	4,412.051	-1.55	9.35
7459,176	4509,656		36382E14e	STWO	49	7459,176	3688,331		85	E	E14e	36382E14e	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
4774,172	2881,277		36390K90c	EGWO	49	4774,172	2349,003		34	K	K90c	36390K90c	EGWO	43	43	0	6	4,694.765	2,722.199	0.55	5.45
5398,47	4039,463		36390K90c	STWO	31	5398,47	3718,778		72	K	K90c	36390K90c	STWO	29	25	-4	2	4,694.765	3,989.588	-3.65	1.55
4613,326	2765,13		36390K91c	EGWO	49	4613,326	2356,554		49	K	K91c	36390K91c	EGWO	43	42	-1	6	4,694.765	2,722.199	-1.55	5.45
5247,363	4000,893		36390K91c	STWO	30	5247,363	3665,688		148	K	K91c	36390K91c	STWO	29	24	-5	1	4,694.765	3,989.588	-5.75	1.55
7718,696	4605,035		36404E14e	STWO	49	7718,696	3790,719		193	E	E14e	36404E14e	STWO	41	40	-1	8	7,859.686	4,412.051	-1.55	9.35
7480,301	4433,362		36404E14f	STWO	49	7510,732	3592,891		124	E	E14f	36404E14f	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6729,031	4268,268		36412E75c	STWO	47	6729,031	3561,53		29	E	E75d	36412E75d	STWO	38	36	-2	9	6,277.225	4,412.051	-1.55	9.35
9756,527	3897,325		36420K47c	EGWO	49	9756,527	3461,955		41	K	K47c	36420K47c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
8547,273	4416,571		36420K47c	STWO	49	8547,273	3241,699		39	K	K47c	36420K47c	STWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
9573,563	3797,9		36420K47c	EGWO	49	9573,563	3251,785		21	K	K47d	36420K47d	EGWO					9,442.146	3,989.588		
8513,002	4339,702		36420K47c	STWO		8513,002	2984,027		234	K	K47d	36420K47d	STWO					7,859.686	4,412.051		
5451,081	2844,805		36439K90c	EGWO	49	5451,081	2409,986		38	K	K90d	36439K90d	EGWO	47	48	1	2	4,694.765	2,722.199	0.55	1.55
7032,319			36439K90i	EGWO	49	7032,319			4	K	K90i	36439K90i	EGWO	49	48	-1	0	6,277.225		-1.55	1.55
5460,732	4039,379		36447E14c	STWO	27	5460,732	3944,056		36	E	E14c	36447E14c	STWO	27	26	-1	0	4,694.765	3,989.588	-1.55	1.55
7405,556	4312,851		36455K25b	STWO	49	7405,556	3492,15		3	K	K25b	36455K25b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7030,704	4244,115		36455K25c	STWO	49	7030,704	3333,854		21	K	K25c	36455K25c	STWO	43	40	-3	6	6,277.225	4,412.051	-3.65	5.45
6619,839	3949,625		36455K26c	STWO	49	6619,839	2972,314		8	K	K26c	36455K26c	STWO	43	40	-3	6	6,277.225	3,989.588	-3.65	5.45
6454,835	4185,223		36463E14c	STWO	48	6454,835	3373,775		113	E	E14d	36463E14d	STWO	37	35	-2	11	6,277.225	3,989.588	-1.55	9.35
7229,869	4464,9		36463E14e	STWO	49	7229,869	3648,134		94	E	E14e	36463E14e	STWO	40	38	-2	9	7,859.686	4,412.051	-1.55	9.35
5777,778	3773,93		36471M55	STWO	28	5777,778	2789,058		1	M	M55i	36471M55i	STWO	34	31	-3	-6	6,277.225	3,567.125	-3.65	-6.25
5573,614	3896,742		36501N60a	STWO	39	5573,614	3409,923		10	N	N60a	36501N60a	STWO	31	30	-1	8	6,277.225	3,989.588	-1.55	9.35
5348,741	4229,816		36528F86f	STWO	31	5348,741	3673,98		106	F	F86f	36528F86f	STWO	22	21	-1	9	4,694.765	4,412.051	-1.55	9.35
7743,324	4307,351		36536K47b	STWO	49	7743,324	2975,7		8	K	K47b	36536K47b	STWO		45			7,859.686	4,412.051		
5687,675	4040,503		36552E13a	STWO	41	5687,675	3469,651		23	E	E13a	36552E13a	STWO	39	32	-7	2	6,277.225	3,989.588	-7.85	1.55
10372,24	3638,584		36587K47c	EGWO	49	10372,24	2388,766		9	K	K47c	36587K47c	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
8520,575	4153,215		36587K47c	STWO		8520,575	2650,174		51	K	K47c	36587K47c	STWO					7,859.686	3,989.588		
9195,527	3706,585		36595K47c	EGWO	49	9195,527	3147,037		6	K	K47c	36595K47c	EGWO		49			9,442.146	3,567.125		
8108,632	4499,553		36595K47c	STWO		8108,632	3317,955		128	K	K47c	36595K47c	STWO					7,859.686	4,412.051		
9669,78			36595K47c	EGWO	49	9669,78	3103,755		33	K	K47d	36595K47d	EGWO					9,442.146			
8566,594	4352,166		36595K47c	STWO		8566,594	3103,297		107	K	K47d	36595K47d	STWO					7,859.686	4,412.051		
7405,488	4367,965		36609E18b	STWO	49	7405,488	3550,791		10	E	E18b	36609E18b	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6247,722	4155,358		36617E37f	STWO	47	6247,722	3265,763		149	E	E37f	36617E37f	STWO	37	33	-4	10	6,277.225	3,989.588	-3.65	9.35
4006,571	3884,168		36625F76a	STWO	6	4006,571	4468,801		120	F	F76a	36625F76a	STWO	6	6	0	0	4,694.765	3,989.588	0.55	1.55
6960,002	4327,183		36633E14e	STWO	49	6960,002	3473,397		89	E	E14e	36633E14e	STWO	40	38	-2	9	6,277.225	4,412.051	-1.55	9.35
6599,223	3880,609		36633E14f	STWO	46	6611,551	3381,848		62	E	E14f	36633E14f	STWO	41	39	-2	5	6,277.225	3,989.588	-1.55	5.45
4075,922	3810,62		36641F76a	STWO	6	4075,922	4236,66		96	F	F76a	36641F76a	STWO	8	6	-2	-2	4,694.765	3,989.588	-1.55	-2.35
6696,796	4277,362		36668E13a	STWO	47	6696,796	3535,406		60	E	E13a	36668E13a	STWO	41	36	-5	6	6,277.225	4,412.051	-5.75	5.45
5412,787	3911,451		36676K91c	STWO	28	5412,787	3462,472		469	K	K91c	36676K91c	STWO	29	24	-5	-1	4,694.765	3,989.588	-5.75	-2.35
6385,205	4086,253		36684K26c	STWO	48	6385,205	3296,6		107	K	K26c	36684K26c	STWO	42	36	-6	6	6,277.225	3,989.588	-5.75	5.45
7069,508	4219,504		36692K25c	STWO	49	7069,508	3301,206		201	K	K25d	36692K25d	STWO	44	40	-4	5	7,859.686	4,412.051	-3.65	5.45
5735,572	4070,608		36714E14c	STWO	23	5735,572	4465,989		12	E	E14c	36714E14c	STWO	31	28	-3	-8	6,277.225	3,989.588	-3.65	-6.25
7147,208	4378,508		36714E14c	STWO	49	7147,208	3646,635		231	E	E14d	36714E14d	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
7770,571	4568,345		36714E14e	STWO	49	7770,571	3754,26		95	E	E14e	36714E14e	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
4909,756			36722E16b	EGWO		4909,756	3092,313		1	E	E16b	36722E16b	EGWO					4,694.765			
7555,304	4600,501		36722E16b	STWO	49	7555,304	3859,221		88	E	E16b	36722E16b	STWO	40	39	-1	9	7,859.686	4,412.051	-1.55	9.35
4320,95	3066,986		36730F78b	EGWO	27	4320,95	3128,365		58	F	F78b	36730F78b	EGWO	24	29	5	3	4,694.765	3,144.662	4.75	1.55
6237,534	3927,589		36749E75a	STWO	49	6237,534	3084,896		37	E	E75a	36749E75a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6855,128	4280,152		36749E75b	STWO	45	6855,128	3680,861		52	E	E75b	36749E75b	STWO	40	38	-2	5	6,277.225	4,412.051	-1.55	5.45
6490,948	4207,676		36749E75c	STWO	46	6490,948	3503,491		48	E	E75c	36749E75c	STWO	38	35	-3	8	6,277.225	4,412.051	-3.65	9.35
5538,157	3685,972		36765K90a	STWO	35	5538,157	3280,608		199	K	K90a	36765K90a	STWO	37	33	-4	-2	6,277.225	3,567.125	-3.65	-2.35
4392,758	3457,316		36765K91c	STWO	23	4392,758	3348,71		80	K	K91c	36765K91c	STWO	27	20	-7	-4	4,694.765	3,567.125	-7.85	-2.35
6663,594	4395,674		36773E14c	STWO	46	6663,594	3590,954		9	E	E14d	36773E14d	STWO	37	34	-3	9	6,277.225	4,412.051	-3.65	9.35
5731,089	4131,105		36781E14c	STWO	23	5731,089	4678,735		9	E	E14c	36781E14c	STWO	28	26	-2	-5	6,277.225	3,989.588	-1.55	-6.25
6400	4035,369		36781E14c	STWO	49	6400	3173,153		1	E	E14d	36781E14d	STWO	39	38	-1	10	6,277.225	3,989.588	-1.55	9.35
6495,147	4239,468		36803E13a	STWO	45	6495,147	3573,122		46	E	E13a	36803E13a	STWO	41	34	-7	4	6,277.225	4,412.051	-7.85	5.45
6208,229	4038,771		36846M56	STWO	40	6208,229	4202,572		23	M	M56c	36846M56c	STWO	36	35	-1	4	6,277.225	3,989.588	-1.55	5.45
6693,091	4295,556		36889E42c	STWO	41	6693,091	4430,02		26	E	E42d	36889E42d	STWO	37	35	-2	4	6,277.225	4,412.051	-1.55	5.45
11584,14	3881,287		36897K47a	EGWO	49	11584,14	2391,61		2	K	K47a	36897K47a	EGWO					11,024.607	3,989.588		
5344,262	3416,395		36900F77c	EGWO	41	5344,262	3836,66		1	F	F77d	36900F77d	EGWO	35	39	4	6	4,694.765	3,567.125	4.75	5.45
3734,94	3504,989		36900F77c	STWO	11	3734,94	3614,44		1	F	F77d	36900F77d	STWO	10	11	1	1	3,112.304	3,567.125	0.55	1.55
4502,719	3775,595		36919F89a	STWO	13	4502,719	3933,861		73	F	F89a	36919F89a	STWO	14	16	2	-1	4,694.765	3,567.125	2.65	-2.35
6149,01	4534,327		36927M28	STWO	41	6149,01	3951,261		60	M	M28a	36927M28a	STWO	33	32	-1	8	6,277.225	4,412.051	-1.55	9.35
5957,675	4009,302		36935E13a	STWO	46	5957,675	3255,506		42	E	E13a	36935E13a	STWO	40	32	-8	6	6,277.225	3,989.588	-7.85	5.45
5856,817	3718,473		36943K90c	STWO	26	5856,817	4322,927		564	K	K90c	36943K90c	STWO	30	24	-6	-4	6,277.225	3,567.125	-5.75	-2.35
4887,959	2840,906		36943K90c	EGWO	49	4887,959	2369,429		42	K	K90d	36943K90d	EGWO	43	42	-1	6	4,694.765	2,722.199	-1.55	5.45
4383,826	3708,196		36943K90c	STWO	28	4383,826	3317,796		191	K	K90d	36943K90d	STWO	25	20	-5	3	4,694.765	3,567.125	-5.75	1.55
5978,751	3751,282		36943K91c	STWO	27	5978,751	4336,854		191	K	K91c	36943K91c	STWO	29	24	-5	-2	6,277.225	3,567.125	-5.75	-2.35
6295,998	4136,338		36951E13b	STWO	27	6295,998	4590,622		95	E	E13b	36951E13b	STWO	36	34	-2	-9	6,277.225	3,989.588	-1.55	-10.15
6693,073	4024,123		36951E13c	STWO	40	6693,073	3866,411		35	E	E13c	36951E13c	STWO	41	38	-3	-1	6,277.225	3,989.588	-3.65	-2.35
5462,43	3934,781		36978E13b	STWO	23	5462,43	4213,091		18	E	E13b	36978E13b	STWO	33	28	-5	-10	4,694.765	3,989.588	-5.75	-10.15
7167,608	4733,152		36978E13c	STWO	42	7167,608	4118,965		29	E	E13c	36978E13c	STWO	37	34	-3	5	7,859.686	4,834.514	-3.65	5.45
6851,934	4152,097		36986E16a	STWO	49	6851,934	3500,097		72	E	E16a	36986E16a	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
6550	2851,531		36994E16a	EGWO		6550	2356,834		1	E	E16a	36994E16a	EGWO					6,277.225	2,722.199		
6959,32	4183,698		36994E16a	STWO	49	6959,32	3245,546		170	E	E16a	36994E16a	STWO	41	39	-2	8	6,277.225	3,989.588	-1.55	9.35
7249,169	4303,888		36994E16b	STWO	49	7249,169	3488,208		329	E	E16b	36994E16b	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	5.45
4902,86	3583,142		37001F89a	STWO	23	4902,86	3591,612		52	F	F89a	37001F89a	STWO	23	23	0	0	4,694.765	3,567.125	0.55	1.55
7367,816	4081,684		37028K25a	EGWO	43	7367,816	4417,164		1	K	K25a	37028K25a	EGWO	46	48	2	-3	7,859.686	3,989.588	2.65	-2.35
7637,056	4454,95		37028K25a	STWO	49	7637,056	3709,377		126	K	K25a	37028K25a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
4760,45			37028K25b	EGWO		4760,45	3037,275		1	K	K25b	37028K25b	EGWO					4,694.765			
7547,214	4428,542		37028K25b	STWO	49	7547,214	3790,031		355	K	K25b	37028K25b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7500,115	4497,841		37028K25c	STWO	49	7500,115	3713,551		172	K	K25c	37028K25c	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
6317,391	3003,347		37028K25c	EGWO		6317,391	3420,124		1	K	K25d	37028K25d	EGWO					6,277.225	3,144.662		
7490,616	4434,969		37028K25c	STWO	49	7490,616	3592,96		309	K	K25d	37028K25d	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7898,001	4641,848		37036E14f	STWO	49	7898,001	3872,812		98	E	E14f	37036E14f	STWO	43	41	-2	6	7,859.686	4,834.514	-1.55	5.45
7739,102	3534,799		37044E14f	EGWO		7739,102	2964,247		4	E	E14f	37044E14f	EGWO		49			7,859.686	3,567.125		
6008,8	3679,059		37044E14f	STWO	46	5889,796	2418,72		2	E	E14f	37044E14f	STWO	42	39	-3	4	6,277.225	3,567.125	-3.65	5.45
7064,976	4485,321		37052E16b	STWO	47	7064,976	3715,515		95	E	E16b	37052E16b	STWO	39	36	-3	8	6,277.225	4,412.051	-3.65	9.35
6366,314	4044,392		37052E16c	STWO	39	6366,314	3980,642		129	E	E16c	37052E16c	STWO	38	36	-2	1	6,277.225	3,989.588	-1.55	1.55
7368,888	4404,911		37060E43a	STWO	49	7368,888	3687,531		67	E	E43a	37060E43a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45

5404,327	3617,445	[redacted]	37087E15c	STWO	48	5404,327	2576,857	[redacted]	3	E	E15c	37087E15c	STWO	27	33	6	21	4,694.765	3,567.125	6.85	21.05
6239,18	3947,192		37095E75a	STWO	49	6239,18	3136,181		150	E	E75a	37095E75a	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6371,938	4036,03		37095E75c	STWO	49	6371,938	3261,661		155	E	E75c	37095E75c	STWO	39	36	-3	10	6,277.225	3,989.588	-3.65	9.35
6757,498	4285,021		37109E42c	STWO	46	6757,498	3650,739		257	E	E42c	37109E42c	STWO	38	36	-2	8	6,277.225	4,412.051	-1.55	9.35
6731,884	2966,222		37109E42c	EGWO		6731,884	2359,762		1	E	E42d	37109E42d	EGWO					6,277.225	3,144.662		
6741,669	4228,058		37109E42c	STWO	48	6741,669	3483,452		326	E	E42d	37109E42d	STWO	39	37	-2	9	6,277.225	4,412.051	-1.55	9.35
4119,202	3422,357		37117F81c	STWO	18	4119,202	3207,908		60	F	F81c	37117F81c	STWO	14	13	-1	4	4,694.765	3,567.125	-1.55	5.45
5730,256	3903,663		37125M29	STWO	44	5730,256	3205,842		41	M	M29b	37125M29b	STWO	37	31	-6	7	6,277.225	3,989.588	-5.75	5.45
6666,399	4053,89		37133K48f	STWO	49	6666,399	3183,746		61	K	K48f	37133K48f	STWO	43	39	-4	6	6,277.225	3,989.588	-3.65	5.45
6733,641	4054,817		37141K48f	STWO	49	6733,641	3134,437		385	K	K48f	37141K48f	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
6722,582	4160,449		37168E43b	STWO	49	6722,582	3331,084		397	E	E43b	37168E43b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
7283,05	4323,839		37176K24a	STWO	49	7283,05	3387,241		105	K	K24a	37176K24a	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
6854,3	4151,024		37176K24e	STWO	49	6854,3	3188,081		122	K	K24e	37176K24e	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
6971,566	4215,535		37176K25a	STWO	49	6971,566	3287,523		106	K	K25a	37176K25a	STWO	42	39	-3	7	6,277.225	4,412.051	-3.65	5.45
7210,923	4290,581		37176K25b	STWO	49	7210,923	3342,764		85	K	K25b	37176K25b	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6065,198	3974,604		37176K26a	STWO	47	6065,198	3206,409		83	K	K26a	37176K26a	STWO	37	34	-3	10	6,277.225	3,989.588	-3.65	9.35
6668,331	4112,358		37176K26b	STWO	49	6668,331	3260,331		57	K	K26b	37176K26b	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
5344,746	2762,494		37184M30	EGWO	49	5344,746	2544,055		2	M	M30a	37184M30a	EGWO	45	46	1	4	4,694.765	2,722.199	0.55	5.45
5402,614	3830,679		37184M30	STWO	43	5402,614	3087,379		10	M	M30a	37184M30a	STWO	33	29	-4	10	4,694.765	3,989.588	-3.65	9.35
7326,115	3204,491		37192K45t	EGWO	49	7326,115	2772,023		10	K	K45b	37192K45b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
7248,511	4399,769		37192K45t	STWO	49	7248,511	3563,959		116	K	K45b	37192K45b	STWO	41	39	-2	8	7,859.686	4,412.051	-1.55	9.35
5771,134	3221,275		37206A08t	EGWO	37	5771,134	4098,747		2	A	A08b	37206A08b	EGWO					6,277.225	3,144.662		
6862,981	4351,344		37206A08t	STWO	40	6862,981	4140,13		71	A	A08b	37206A08b	STWO	38	36	-2	2	6,277.225	4,412.051	-1.55	1.55
6612,605	4134,82		37214M31	STWO	38	6612,605	3401,191		17	M	M31c	37214M31c	STWO	35	32	-3	3	6,277.225	3,989.588	-3.65	1.55
6979,553	4262,639		37214M32	STWO	45	6979,553	3696,377		128	M	M32b	37214M32b	STWO	40	39	-1	5	6,277.225	4,412.051	-1.55	5.45
7730,303	4021,243		37214M32	EGWO		7730,303	4710,256		2	M	M32d	37214M32d	EGWO					7,859.686	3,989.588		
4110,464	4217,45		37222K46a	STWO	49	4110,464	2551,252		37	K	K46a	37222K46a	STWO					4,694.765	4,412.051		
9922,887			37222K46b	EGWO		9922,887	3156,661		5	K	K46b	37222K46b	EGWO					9,442.146			
8375,194	4362,54		37222K46b	STWO	49	8375,194	3028,211		27	K	K46b	37222K46b	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
16275	6283,57		37230K46a	EGWO	49	16275	4490,051		1	K	K46a	37230K46a	EGWO					15,771.988	6,101.903		
7883,356	4268,225		37230K46a	STWO	49	7883,356	2801,724		179	K	K46a	37230K46a	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
7823,57	4228,929		37230K46b	STWO	49	7823,57	2807,933		275	K	K46b	37230K46b	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
8385,403	4051,536		37230K47c	EGWO	49	8385,403	3281,155		4	K	K47d	37230K47d	EGWO					7,859.686	3,989.588		
8291,771	4259,696		37230K47c	STWO	49	8291,771	2834,472		177	K	K47d	37230K47d	STWO	49	48	-1	0	7,859.686	4,412.051	-1.55	1.55
7909,08	4390,295		37249K46t	STWO	49	7909,08	2917,308		16	K	K46b	37249K46b	STWO	49	46	-3	0	7,859.686	4,412.051	-3.65	1.55
7241,097	4222,444		37257A04f	STWO	48	7241,097	3778,916		218	A	A04f	37257A04f	STWO	44	42	-2	4	7,859.686	4,412.051	-1.55	5.45
6645,414	4016,473		37257A04g	STWO	45	6645,414	3105,47		102	A	A04g	37257A04g	STWO	39	40	1	6	6,277.225	3,989.588	0.55	5.45
4865,78	3782,156		37273K90c	STWO	22	4865,78	3765,911		64	K	K90c	37273K90c	STWO	28	22	-6	-6	4,694.765	3,989.588	-5.75	-6.25
5317,826	3846,598		37303K90a	STWO	27	5317,826	3871,909		162	K	K90a	37303K90a	STWO	31	26	-5	-4	4,694.765	3,989.588	-5.75	-2.35
4435,374			37311K44f	EGWO		4435,374	3275,057		1	K	K44f	37311K44f	STWO					4,694.765			
5906,665	2698,376		37338M55	EGWO	49	5906,665	2374,217		6	M	M55h	37338M55h	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4705,951	4008,96		37338M55	STWO	46	4705,951	3264,447		20	M	M55h	37338M55h	STWO	36	31	-5	10	4,694.765	3,989.588	-5.75	9.35
6150,36	3990,972		37346E41a	STWO	49	6150,36	2985,689		42	E	E41a	37346E41a	STWO	39	35	-4	10	6,277.225	3,989.588	-3.65	9.35
4321,611	2526,836		37370N60a	EGWO	38	4321,611	2298,46		2	N	N60a	37370N60a	EGWO	32	34	2	6	4,694.765	2,722.199	2.65	5.45
5411,089	3885,127		37370N60a	STWO	36	5411,089	3363,946		4	N	N60a	37370N60a	STWO	27	27	0	9	4,694.765	3,989.588	0.55	9.35
6605,312	4278,332		37389E42a	STWO	46	6605,312	3590,09		27	E	E42a	37389E42a	STWO	37	35	-2	9	6,277.225	4,412.051	-1.55	9.35
6381,49	4138,41		37389E42b	STWO	43	6381,49	3797,392		72	E	E42b	37389E42b	STWO	36	35	-1	7	6,277.225	3,989.588	-1.55	5.45
6580,763	4077,856		37419K53b	STWO	49	6580,763	3309,216		121	K	K53b	37419K53b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
6970,017	4236,878		37419K54a	STWO	49	6970,017	3444,753		113	K	K54a	37419K54a	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
7055,559	4268,77		37419K54b	STWO	49	7055,559	3500,086		231	K	K54b	37419K54b	STWO	41	39	-2	8	6,277.225	4,412.051	-1.55	9.35
4980,504	3857,84		37451M33	STWO	23	4980,504	3364,127		28	M	M33h	37451M33h	STWO	31	22	-9	-8	4,694.765	3,989.588	-9.95	-6.25
5522,233	3740,731		37451M33	STWO	43	5522,233	3088,837		2	M	M33i	37451M33i	STWO	34	26	-8	9	6,277.225	3,567.125	-7.85	9.35
7566,345	4365,803		37494K45a	STWO	49	7566,345	3528,327		238	K	K45a	37494K45a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7334,251	4410,782		37494K45t	STWO	49	7334,251	3592,592		53	K	K45b	37494K45b	STWO	40	40	0	9	7,859.686	4,412.051	0.55	9.35
6897,547	3246,375		37508M57	EGWO	49	6897,547	3308,455		3	M	M57a	37508M57a	EGWO	44	47	3	5	6,277.225	3,144.662	2.65	5.45
5365,361	3795,901		37508M57	STWO	45	5365,361	2944,553		148	M	M57a	37508M57a	STWO	28	29	1	17	4,694.765	3,989.588	0.55	17.15
4745,927	3172,189		37516N65b	EGWO	34	4745,927	3144,085		241	N	N65b	37516N65b	EGWO	30	33	3	4	4,694.765	3,144.662	2.65	5.45
11106,27	3838,455		37524K49f	EGWO	49	11106,27	2623,426		13	K	K49f	37524K49f	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55
7238,98	4011,369		37524K49f	STWO	49	7238,98	2539,35		9	K	K49f	37524K49f	STWO	49	45	-4	0	7,859.686	3,989.588	-3.65	1.55
7038,462	4007,086		37532E36a	EGWO	49	7038,462	3424,04		1	E	E36a	37532E36a	EGWO	48	49	1	1	6,277.225	3,989.588	0.55	1.55
6655	4363,925		37532E36a	STWO	40	6655	3386,496		2	E	E36a	37532E36a	STWO	36	32	-4	4	6,277.225	4,412.051	-3.65	5.45
6616,546	4296,156		37540K52g	STWO	33	6616,546	4447,841		48	K	K52g	37540K52g	STWO	36	35	-1	-3	6,277.225	4,412.051	-1.55	-2.35
6124,95	3924,934		37559N62b	EGWO	41	6124,95	3630,89		15	N	N62b	37559N62b	EGWO	34	36	2	7	6,277.225	3,989.588	2.65	5.45
7594,357	4449,865		37613K25b	STWO	49	7594,357	3564,973		14	K	K25b	37613K25b	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
10194,05	3702,397		37621K49b	EGWO	49	10194,05	2386,431		3	K	K49b	37621K49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7128,53	3973,429		37621K49b	STWO	49	7128,53	2415,821		3	K	K49b	37621K49b	STWO	47	44	-3	2	7,859.686	3,989.588	-3.65	1.55
4284,09	2710,555		37656F76a	EGWO	39	4284,09	2602,02		19	F	F76a	37656F76a	EGWO	32	37	5	7	4,694.765	2,722.199	4.75	5.45
9758,661	3759,7		37664K49c	EGWO	49	9758,661	2706,501		3	K	K49d	37664K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7686,796	4003,322		37702A04f	EGWO	42	7686,796	4699,662		3	A	A04h	37702A04h	EGWO	48	49	1	-6	7,859.686	3,989.588	0.55	-6.25
6929,253	4301,861		37702A04f	STWO	39	6929,253	4020,383		27	A	A04h	37702A04h	STWO	40	37	-3	-1	6,277.225	4,412.051	-3.65	-2.35
4317,17	2762,831		37710F76a	EGWO	37	4317,17	2684,622		25	F	F76a	37710F76a	EGWO	31	36	5	6	4,694.765	2,722.199	4.75	5.45
6661,136	4174,695		37729E41a	STWO	49	6661,136	3249,544		165	E	E41a	37729E41a	STWO	40	37	-3	9	6,277.225	3,989.588	-3.65	9.35
6506,218	4143,955		37729E41b	STWO	49	6506,218	3160,5		124	E	E41b	37729E41b	STWO	38	36	-2	11	6,277.225	3,989.588	-1.55	9.35
6304,686	4084,97		37729E42a	STWO	48	6304,686	3293,741		45	E	E42a	37729E42a	STWO	37	35	-2	11	6,277.225	3,989.588	-1.55	9.35
4346,794	2846,415		37737F76a	EGWO	35	4346,794	2723,09		42	F	F76a	37737F76a	EGWO	30	34	4	5	4,694.765	2,722.199	4.75	5.45
5966,563	3737,991		37745K52c	STWO	49	5966,563	2825,774		84	K	K52d	37745K52d	STWO	37	37	0	12	6,277.225	3,567.125	0.55	13.25
6733,258	4127,139		37745K53a	STWO	49	6766,506	3396,03		20	K	K53a	37745K53a	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35
6431,953	3274,7		37753E37e	EGWO		6431,953	3545,338		1	E	E37e	37753E37e	EGWO					6,277.225	3,144.662		
6698,293	4246,133		37753E37e	STWO	49	6698,293	3413,954		80	E	E37e	37753E37e	STWO	39	37	-2	10	6,277.225	4,412.051	-1.55	9.35
7483,252	3930,588		37788A05d	EGWO	49	7483,252	4297,623		3	A	A05d	37788A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7163,849	4394,416		37788A05c	STWO	39	7163,849	4365,047		24	A	A05d	37788A05d	STWO	41	38	-3	-2	7,859.686	4,412.051	-3.65	-2.35
8422,222	4113,576		37796A05c	EGWO	49	8422,222	4943,746		1	A	A05d	37796A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7218,641	4213,111		37796A05c	STWO	42	7231,547	3787,704		85	A	A05d	37796A05d	STWO	42	40	-2	0	7,859.686	4,412.051	-1.55	1.55
5386,804	2740,718		37818K90c	EGWO	49	5386,804	2365,289		30	K	K90d	37818K90d	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
8775,926	3802,3		37826A07e	EGWO	49	8775,926	4029,062		3	A	A07e	37826A07e	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
6991,104	4329,706		37826A07e	STWO	42	6991,104	4125,836		26	A	A07e	37826A07e	STWO	41	39	-2	1	6,277.225	4,412.051	-1.55	1.55
7138,892	4082,693		37834A03b	STWO	49	7138,892	2907,637		14	A	A03b	37834A03b	STWO	45	43	-2	4	7,859.686	3,989.588	-1.55	5.45
10111,76	4016,871		37834A03c	EGWO	49	10111,76	3045,63		1	A	A03c	37834A03c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7836,564	4500,463		37834A03c	STWO	45	7836,564	4355,064		58	A	A03c	37834A03c	STWO	45	42	-3	0	7,859.686	4,412.051	-3.65	1.55
7463,653	4498,254		37834A03f	STWO	37	7463,653	4675,526		6	A	A03f	37834A03f	STWO	43	40	-3	-6	7,859.686	4,412.051	-3.65	-6.25
6944,623	4174,061		37842K25d	STWO	49	6944,623	3237,385		185	K	K25d	37842K25d	STWO	44	40	-4	5	6,277.225	3,989.588	-3.65	5.45
6452,044	3477,319		37850A05c	EGWO	36	6452,044	3900,419		7	A	A05c	37850A05c	EGWO	43	45	2	-7	6,277.225	3,567.125	2.65	-6.25
7514,832	4478,388		37850A05c	STWO	39	7522,811	4590,818		174	A	A05c	37850A05c	STWO	42	40	-2	-3	7,859.686	4,412.051	-1.55	-2.35
7121,212	3496,366		37869A06l	EGWO	43	7121,212	4083,414		1	A	A06l	37869A06l	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	-6.25
7538,409	4394,097		37869A06l	STWO	44	7538,409	4175,109		28	A	A06l	37869A06l	STWO	42	41	-1	7	7,859.686	4,412.051	-1.55	1.55
7055,408	4319,363		37907E14f	STWO	42	7055,408	4010,992		89	E	E14f	37907E14f	STWO	42	39	-3	0	6,277.225	4,412.051	-3.65	1.55
4796,491	3076,639		37931F82a	EGWO	40	4796,491	3105,609		3	F	F82a	37931F82a	EGWO	35	38	3	5	4,694.765	3,144.662	2.65	5.45
4631,579	3728,215		37974K44f	STWO		4631,579	3378,45		1	K	K44f	37974K44f	STWO					4,694.765	3,567.125		
5464,075	3361,796		37982N63a	EGWO	42	5464,075	3189,875		31	N	N63a	37982N63a	EGWO	36	38	2	6	4,694.765	3,567.125	2.65	5.45
7033,042	4436,119		38032A01h	STWO	33	7033,042	4876,532		62	A	A01h	38032A01h	STWO	41	36	-5	-8	6,277.225	4,412.051	-5.75	-6.25
7239,013	4329,061		38040K44b	STWO	49	7239,013	3522,364		159	K	K44b	38040K44b	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
6594,942	3975,007		38059N61c	EGWO	46	6594,942	3527,041		29	N	N61c	38059N61c	EGWO	40	39	-1	6	6,277.225	3,989.588	-1.55	5.45
6759,375	4288,057		38067N61c	EGWO	44	6759,375	3783,257		4	N	N61c	38067N61c	EGWO	36	36	0	8	6,277.225	4,412.051	0.55	9.35

7110,045	4317,166	[redacted]	38075N61c	EGWO	45	7110,045	3821,851	[redacted]	18	N	N61c	38075N61c	EGWO	36	37	1	9	7,859.686	4,412.051	0.55	9.35
4676,762	2675,833		38105N68e	EGWO	46	4676,762	2487,082		10	N	N68e	38105N68e	EGWO	44	43	-1	2	4,694.765	2,722.199	-1.55	1.55
4590,982	2798,294		38105N68f	EGWO	39	4590,982	2565,503		7	N	N68f	38105N68f	EGWO	39	39	0	0	4,694.765	2,722.199	0.55	1.55
6797,468			38105N73j	EGWO		6797,468			1	N	N73j	38105N73j	EGWO					6,277.225			
7301,914	4224,469		38148K52a	STWO	49	7301,914	3573,918		171	K	K52a	38148K52a	STWO	44	41	-3	5	7,859.686	4,412.051	-3.65	5.45
7048,789	3029,207		38172M56	EGWO	49	7048,789	2696,451		14	M	M56c	38172M56c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6760,314	3916,505		38172M56	STWO	49	6760,314	2746,987		56	M	M56c	38172M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
6848,725	3958,803		38180M56	STWO	49	6848,725	2747,06		8	M	M56c	38180M56c	STWO	41	41	0	8	6,277.225	3,989.588	0.55	9.35
5830,794	2837,734		38199M55	EGWO	49	5830,794	2499,922		19	M	M55g	38199M55g	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6689,716	4137,38		38199M55	STWO	49	6689,716	3450,744		24	M	M55g	38199M55g	STWO	39	38	-1	10	6,277.225	3,989.588	-1.55	9.35
5954,418	3289,809		38210M55	EGWO	46	5954,418	3214,901		30	M	M55g	38210M55g	EGWO	42	45	3	4	6,277.225	3,144.662	2.65	5.45
5883,053	3938,597		38210M55	STWO	44	5883,053	3248,571		38	M	M55g	38210M55g	STWO	37	33	-4	7	6,277.225	3,989.588	-3.65	5.45
6184,461	4043,138		38229M29	STWO	47	6184,461	3258,205		155	M	M29a	38229M29a	STWO	37	35	-2	10	6,277.225	3,989.588	-1.55	9.35
6920,703	3211,746		38237E21b	EGWO	49	6920,703	3507,515		4	E	E21b	38237E21b	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7461,578	4170,311		38237E21b	STWO	49	7461,578	2912,215		51	E	E21b	38237E21b	STWO	49	47	-2	0	7,859.686	3,989.588	-1.55	1.55
10825,58	5148,529		38245K47i	EGWO		10825,58	5139		1	K	K47i	38245K47i	EGWO					11,024.607	5,256.977		
9057,372	3643,937		38261E22a	EGWO		8328,64			2	E	E22a	38261E22a	EGWO					9,442.146	3,567.125		
8106,605	4371,162		38261E22a	STWO	49	8130,991	3456,823		146	E	E22a	38261E22a	STWO		47			7,859.686	4,412.051		
9477,195			38261E22b	EGWO		9347,015			1	E	E22b	38261E22b	EGWO					9,442.146			
7556,796	4150,076		38261E22b	STWO	49	7594,139	2875,086		76	E	E22b	38261E22b	STWO	44	40	-4	5	7,859.686	3,989.588	-3.65	5.45
6036,868	4025,984		38288F87c	STWO	32	6036,868	3896,354		128	F	F87c	38288F87c	STWO	30	30	0	2	6,277.225	3,989.588	0.55	1.55
4806,396	3547,947		38288F87c	STWO	26	4806,396	3532,982		74	F	F87d	38288F87d	STWO	25	25	0	1	4,694.765	3,567.125	0.55	1.55
6246,872	3875,461		38318A08b	STWO	45	6246,872	3322,557		9	A	A08b	38318A08b	STWO	41	38	-3	4	6,277.225	3,989.588	-3.65	5.45
5309,497	3406,832		38326N63a	EGWO	39	5309,497	3235,925		25	N	N63a	38326N63a	EGWO	33	36	3	6	4,694.765	3,567.125	2.65	5.45
7851,481	4558,919		38334E21a	STWO	49	7851,481	3553,047		21	E	E21a	38334E21a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
9742,972			38369K47b	EGWO	49	9742,972	3297,614		5	K	K47b	38369K47b	EGWO					9,442.146			
7881,91	4264,357		38369K47b	STWO	49	7881,91	2816,654		86	K	K47b	38369K47b	STWO		46			7,859.686	4,412.051		
12729,44			38369K47c	EGWO	49	12729,44			1	K	K47c	38369K47c	EGWO		49			12,607.067			
9353,887	4462,107		38369K47c	STWO		9353,887	3451,519		34	K	K47c	38369K47c	STWO					9,442.146	4,412.051		
5627,119	3926,552		38415E15c	STWO	48	5627,119	3306,131		1	E	E15c	38415E15c	STWO	27	33	6	21	6,277.225	3,989.588	6.85	21.05
4341,968	2633,965		38431F88j	EGWO	34	4341,968	2472,981		9	F	F88j	38431F88j	EGWO	32	35	3	2	4,694.765	2,722.199	2.65	1.55
3852,219	3462,245		38431F88j	STWO	25	3852,219	2920,075		14	F	F88j	38431F88j	STWO	12	12	0	13	3,112.304	3,567.125	0.55	13.25
6588,829	4124,627		38458K52c	STWO	49	6588,829	3304,778		23	K	K52d	38458K52d	STWO	39	37	-2	10	6,277.225	3,989.588	-1.55	9.35
6132,957	4007,471		38458K53a	STWO	46	6132,957	3313,728		21	K	K53a	38458K53a	STWO	35	34	-1	11	6,277.225	3,989.588	-1.55	9.35
6258,038	3865,76		38458K53b	STWO	49	6258,038	3200,044		60	K	K53b	38458K53b	STWO	37	36	-1	12	6,277.225	3,989.588	-1.55	13.25
6592,014	3971,814		38458K54a	STWO	49	6592,014	3025,352		128	K	K54a	38458K54a	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
3755,862	3453,259		38474F81b	STWO	11	3755,862	3509,593		142	F	F81b	38474F81b	STWO	11	8	-3	0	3,112.304	3,567.125	-3.65	1.55
7099,029	4232,661		38482M28	STWO	49	7098,817	3423,866		495	M	M28c	38482M28c	STWO	41	40	-1	8	7,859.686	4,412.051	-1.55	9.35
7187,704	4244,643		38482M28	STWO	46	7187,704	3508,162		282	M	M28d	38482M28d	STWO	42	40	-2	4	7,859.686	4,412.051	-1.55	5.45
3889,656	2665,289		38504N71c	EGWO	38	3889,656	2545,92		2	N	N71c	38504N71c	EGWO		41			3,112.304	2,722.199		
4543,481	2665,507		38539N69a	EGWO	47	4543,481	2428,211		8	N	N69a	38539N69a	EGWO	38	41	3	9	4,694.765	2,722.199	2.65	9.35
3814,217	3647,7		38555N68d	STWO	8	3814,217	3980,234		72	N	N68d	38555N68d	STWO	6	8	2	2	3,112.304	3,567.125	2.65	1.55
6679,246	3691,146		38563A04c	EGWO	43	6679,246	4316,752		6	A	A04d	38563A04d	EGWO	45	46	1	-2	6,277.225	3,567.125	0.55	-2.35
6440,781	4120,405		38563A04c	STWO	35	6440,781	4049,735		2	A	A04d	38563A04d	STWO	39	36	-3	-4	6,277.225	3,989.588	-3.65	-2.35
6932,879	4037,175		38571K52c	STWO	49	6932,879	2901,883		99	K	K52c	38571K52c	STWO	43	42	-1	6	6,277.225	3,989.588	-1.55	5.45
6809,34	4095,117		38571K52c	STWO	49	6809,34	3113,5		101	K	K52d	38571K52d	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6855,934	4126,763		38571K53a	STWO	49	6855,934	3387,424		53	K	K53a	38571K53a	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
6694,05	4144,171		38571K54c	STWO	49	6694,05	3342,981		96	K	K54c	38571K54c	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
7104,099	4423,729		38571K54c	STWO	48	7104,099	3705,101		102	K	K54d	38571K54d	STWO	41	38	-3	7	7,859.686	4,412.051	-3.65	5.45
5135,361	3329,536		38628N63a	EGWO	37	5135,361	3229,667		18	N	N63a	38628N63a	EGWO	30	35	5	7	4,694.765	3,144.662	4.75	5.45
4578,623	3564,889		38628N64c	STWO	45	4578,623	2697,959		2	N	N64c	38628N64c	STWO	29	29	0	16	4,694.765	3,567.125	0.55	17.15
5992,761	3998,134		38636M29	STWO	37	5992,761	3751,82		327	M	M29a	38636M29a	STWO	37	32	-5	0	6,277.225	3,989.588	-5.75	1.55
7135,55	4286,576		38644A03e	STWO	45	7135,55	3865,243		13	A	A03e	38644A03e	STWO	43	40	-3	2	7,859.686	4,412.051	-3.65	1.55
6353,781	2879,581		38652M55	EGWO	49	6353,781	2428,142		7	M	M55d	38652M55d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6549,427	4007,696		38652M55	STWO	49	6549,427	3155,889		102	M	M55d	38652M55d	STWO	39	39	0	10	6,277.225	3,989.588	0.55	9.35
6059,596	2904,212		38660K90c	EGWO	49	6059,596	2461,377		17	K	K90c	38660K90c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5778,398	3848,655		38660K90c	STWO	26	5778,398	2720,177		3	K	K90c	38660K90c	STWO	30	24	-6	-4	6,277.225	3,989.588	-5.75	-2.35
5333,333	3438,146		38679N63a	EGWO	38	5333,333	3290,084		6	N	N63a	38679N63a	EGWO	34	35	1	4	4,694.765	3,567.125	0.55	5.45
10264,02			38687K46c	EGWO	49	10264,02	3029,908		7	K	K46c	38687K46c	EGWO					11,024.607			
7394,985	4053,507		38687K46c	STWO	49	7394,985	2455,219		42	K	K46c	38687K46c	STWO					7,859.686	3,989.588		
5422,352	2765,398		38695K90c	EGWO	49	5422,352	2378,961		29	K	K90d	38695K90d	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
3594,306	3315,741		38709N66f	STWO	7	3594,306	3402,915		136	N	N66f	38709N66f	STWO	8	8	0	-1	3,112.304	3,144.662	0.55	-2.35
4285,126	3493,549		38725K91c	STWO	23	4285,126	3453,624		72	K	K91c	38725K91c	STWO	26	19	-7	-3	4,694.765	3,567.125	-7.85	-2.35
8437,616			38733K47c	EGWO	49	8437,616	3142,432		2	K	K47c	38733K47c	EGWO		49			7,859.686			
8123,564	4183,143		38733K47c	STWO		8123,564	2829,072		23	K	K47c	38733K47c	STWO					7,859.686	3,989.588		
4577,049	3056,51		38741F89b	STWO	32	4577,049	3125,115		35	F	F89b	38741F89b	EGWO	30	33	3	2	4,694.765	3,144.662	2.65	1.55
4707,576	3959,938		38741F89b	STWO	13	4707,576	4330,249		24	F	F89b	38741F89b	STWO	18	15	-3	-5	4,694.765	3,989.588	-3.65	-6.25
7163,313			38768K90i	EGWO	49	7163,313	3152,28		3	K	K90i	38768K90i	EGWO	49	48	-1	0	7,859.686		-1.55	1.55
6388,283	4247,435		38776A00a	STWO	28	6388,283	4623,998		115	A	A00a	38776A00a	STWO	38	34	-4	-10	6,277.225	4,412.051	-3.65	-10.15
6739,028	3916,42		38776A00b	EGWO	30	6739,028	4805,578		3	A	A00b	38776A00b	EGWO	39	41	2	-9	6,277.225	3,989.588	2.65	-10.15
5574,071	3986,056		38776A00b	STWO	21	5574,071	4444,452		66	A	A00b	38776A00b	STWO	36	28	-8	-15	6,277.225	3,989.588	-7.85	-14.05
7272,534	4271,705		38784K44b	STWO	49	7272,534	3435,492		361	K	K44b	38784K44b	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
5099,945	4047,781		38806N62a	STWO	16	5099,945	4608,004		30	N	N62a	38806N62a	STWO	23	17	-6	-7	4,694.765	3,989.588	-5.75	-6.25
7642,744	4356,285		38806N62b	EGWO	44	7642,744	4258,311		12	N	N62b	38806N62b	EGWO	41	42	1	3	7,859.686	4,412.051	0.55	1.55
3867,404	3418,68		38814N68c	STWO	13	3867,404	3347,413		310	N	N68c	38814N68c	STWO	11	12	1	2	3,112.304	3,567.125	0.55	1.55
6842,07	4332,919		38822A04i	STWO	35	6842,07	4464,787		113	A	A04i	38822A04i	STWO	42	36	-6	-7	6,277.225	4,412.051	-5.75	-6.25
3839,024	2823,134		38830N65a	EGWO	24	3839,024	2910,138		10	N	N65a	38830N65a	EGWO	18	26	8	6	3,112.304	2,722.199	8.95	5.45
7059,223	4608,854		38873A00a	STWO	28	7059,223	5113,622		15	A	A00a	38873A00a	STWO	38	35	-3	-10	6,277.225	4,412.051	-3.65	-10.15
4072,358	2740,713		38881F83a	EGWO	30	4072,358	2831,289		38	F	F83a	38881F83a	EGWO	30	32	2	0	4,694.765	2,722.199	2.65	1.55
7036,803	4833,003		38938A01g	STWO	33	7036,803	5674,042		9	A	A01g	38938A01g	STWO		38			6,277.225	4,834.514		
7369,294	4108,203		38946K49f	STWO	49	7369,294	2949,357		117	K	K49f	38946K49f	STWO	48	44	-4	1	7,859.686	3,989.588	-3.65	1.55
6756,203	4250,56		38954K54a	STWO	47	6756,203	3541,694		146	K	K54a	38954K54a	STWO	40	36	-4	7	6,277.225	4,412.051	-3.65	5.45
5904,685	4151,532		38962K90a	STWO	25	5904,685	4442,774		108	K	K90a	38962K90a	STWO	32	29	-3	-7	6,277.225	3,989.588	-3.65	-6.25
5559,135	3497,733		39012N60c	EGWO	38	5559,135	3429,283		32	N	N60c	39012N60c	EGWO	35	37	2	3	6,277.225	3,567.125	2.65	1.55
3871,29	2769,806		39020N65a	EGWO	27	3871,29	2823,219		18	N	N65a	39020N65a	EGWO	21	28	7	6	3,112.304	2,722.199	6.85	5.45
4376,578	3281,997		39039K91b	STWO	31	4376,578	2861,327		156	K	K91b	39039K91b	STWO	32	28	-4	-1	4,694.765	3,144.662	-3.65	-2.35
7106,94	4423,036		39047A08b	STWO	35	7106,94	4689,265		18	A	A08b	39047A08b	STWO	38	36	-2	-3	7,859.686	4,412.051	-1.55	-2.35
6140,665			39098M27	EGWO	49	6140,665	3046,345		1	M	M27a	39098M27a	EGWO					6,277.225			
6878,326	4075,773		39098M27	STWO	49	6878,326	2991,188		127	M	M27a	39098M27a	STWO	45	42	-3	4	6,277.225	3,989.588	-3.65	5.45
8231,188	3506,098		39098M27	EGWO	49	8231,188	2957,56		17	M	M27b	39098M27b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6980,208	4071,289		39098M27	STWO	49	6980,208	2904,104		211	M	M27b	39098M27b	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
6674,046	3083,418		39098M55	EGWO	49	6674,046	2816,841		15	M	M55g	39098M55g	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6748,93	3992,157		39098M55	STWO	48	6748,93	2810,661		2	M	M55g	39098M55g	STWO	38	37	-1	10	6,277.225	3,989.588	-1.55	9.35
6030,051	4133,339		39098M55	STWO	28	6030,051	4353,604		66	M	M55i	39098M55i	STWO	34	31	-3	-6	6,277.225	3,989.588	-3.65	-6.25
4963,415	3585,644		39098M58	STWO	43	4963,415	2564,54		1	M	M58h	39098M58h	STWO	36	36	0	7	4,694.765	3,567.125	0.55	5.45
6758,071	3706,791		39101M57	EGWO	49	6758,071	3248,048		25	M	M57a	39101M57a	EGWO	43	45	2	6	6,277.225	3,567.125	2.65	5.45
5446,268	4035,641		39101M57	STWO	40	5446,268	3255,319		26	M	M57a	39101M57a	STWO	28	26	-2	12	4,694.765	3,989.588	-1.55	13.25
6473,292	3958,149		39128K44b	STWO	49	6473,292	2950,932		20	K	K44b	39128K44b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
5737,831	2875,09		39128K44e	EGWO	49	5737,831	2421,128		2	K	K44e	39128K44e	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6623,426	4127,031		39128K44e	STWO	49	6623,426	3259,9		55	K	K44e	39128K44e	STWO	41	37	-4	8	6,277.225	3,989.588	-3.65	9.35
4317,874	2537,982		39136F78b	EGWO	37	4317,874	2450,73		12	F	F78b	39136F78b	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
7052,131			39144K90i	EGWO	49	7052,131			4	K	K90i	39144K90i	EGWO	49	48	-1	0	6,277.225		-1.55	1.55
6029,126	3805,337		39144K90i	STWO	40	6029,126	3902,331		1	K	K90i	39144K90i	STWO	41	37	-4	-1	6,277.225	3,989.588	-3.65	-2.35

7776,078	3643,933	[redacted]	39152E18t	EGWO	49	7776,078	3585,877	[redacted]	16	E	E18b	39152E18b	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7160,24	4326,634		39152E18t	STWO	49	7168,31	3440,841		93	E	E18b	39152E18b	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
4084,239	3761,888		39160N68c	STWO	6	4084,239	4186,471		68	N	N68c	39150N68c	STWO	11	9	-2	-5	4,694.765	3,567.125	-1.55	-6.25
4574,703	2589,137		39160N68f	EGWO	47	4574,703	2389,457		33	N	N68f	39150N68f	EGWO	41	43	2	6	4,694.765	2,722.199	2.65	5.45
3563,103	3582,538		39160N68f	STWO	5	3563,103	3890,265		66	N	N68f	39150N68f	STWO	6	6	0	-1	3,112.304	3,567.125	0.55	-2.35
4976,303	3275,896		39187N65c	EGWO	33	4976,303	3317,605		21	N	N65c	39187N65c	EGWO	26	34	8	7	4,694.765	3,144.662	8.95	5.45
4487,392	3110,274		39195N62a	EGWO	31	4487,392	3081,806		23	N	N62a	39195N62a	EGWO	31	31	0	0	4,694.765	3,144.662	0.55	1.55
5096,99	3350,277		39209F77f	EGWO	28	5096,99	3216,035		28	F	F77f	39209F77f	EGWO	30	34	4	-2	4,694.765	3,144.662	4.75	-2.35
6869,494			39233A07f	EGWO	49	6869,494	3408,863		2	A	A07h	39233A07h	EGWO	49	49	0	0	6,277.225		0.55	1.55
6564,879	4096,976		39233A07f	STWO	48	6564,879	3186,536		4	A	A07h	39233A07h	STWO	46	43	-3	2	6,277.225	3,989.588	-3.65	1.55
6948,368	4242,99		39268A05a	STWO	40	6948,368	4158,486		257	A	A05a	39268A05a	STWO	43	39	-4	-3	6,277.225	4,412.051	-3.65	-2.35
5797,608	3766,845		39268E13a	STWO	49	5797,608	2753,953		11	E	E13a	39268E13a	STWO	42	37	-5	7	6,277.225	3,567.125	-5.75	5.45
7978,004	5034,079		39314A06c	STWO	26	7978,004	5904,629		125	A	A06c	39314A06c	STWO	37	34	-3	-11	7,859.686	4,834.514	-3.65	-10.15
7020,717	4207,676		39330A02f	STWO	48	7020,717	3543,95		4	A	A02b	39330A02b	STWO	49	44	-5	-1	6,277.225	4,412.051	-5.75	-2.35
7271,63	4408,134		39330A02c	STWO	41	7271,63	4324,007		42	A	A02c	39330A02c	STWO	44	39	-5	-3	7,859.686	4,412.051	-5.75	-2.35
7625,062	3812,105		39381A06k	EGWO	45	7625,062	4345,216		4	A	A06k	39381A06k	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	-2.35
7998,231	4702,589		39381A06k	STWO	41	7998,231	4775,589		167	A	A06k	39381A06k	STWO	44	41	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7498,92	3971,793		39381A06l	EGWO	43	7498,92	4444,948		4	A	A06l	39381A06l	EGWO	49	49	0	-6	7,859.686	3,989.588	0.55	-6.25
8037,657	4684,94		39381A06l	STWO	44	8037,657	4496,877		82	A	A06l	39381A06l	STWO	45	42	-3	-1	7,859.686	4,834.514	-3.65	-2.35
7396,894	3209,306		39403K52g	EGWO	49	7396,894	2687,884		10	K	K52g	39403K52g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
7186,525	4297,606		39446K44t	STWO	49	7186,525	3482,223		157	K	K44b	39446K44b	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
7053,262	4236,393		39446K44c	STWO	49	7053,262	3374,574		214	K	K44c	39446K44c	STWO	42	40	-2	7	6,277.225	4,412.051	-1.55	5.45
4183,408	3587,836		39454F81t	STWO	21	4183,408	3181,022		278	F	F81b	39454F81b	STWO	13	12	-1	8	4,694.765	3,567.125	-1.55	9.35
5833,632	3945,033		39462N62t	EGWO	39	5833,632	3542,787		8	N	N62b	39462N62b	EGWO	31	33	2	8	6,277.225	3,989.588	2.65	9.35
6446,545	4204,014		39470E13c	STWO	41	6445,545	3736,096		136	E	E13c	39470E13c	STWO	38	35	-3	3	6,277.225	4,412.051	-3.65	1.55
7440,641			39497A07c	EGWO	49	7440,641	3286,41		4	A	A07d	39497A07d	EGWO					7,859.686			
6471,866	4286,561		39497A07c	STWO	40	6471,866	4084,178		106	A	A07d	39497A07d	STWO	41	37	-4	-1	6,277.225	4,412.051	-3.65	-2.35
7431,968	3743,095		39497A07f	EGWO	49	7431,968	3554,101		6	A	A07f	39497A07f	EGWO					7,859.686	3,567.125		
7416,906	4372,79		39497A07f	STWO	45	7416,906	4064,392		265	A	A07f	39497A07f	STWO	45	41	-4	0	7,859.686	4,412.051	-3.65	1.55
8068,966	3513,611		39497A07h	EGWO	49	8068,966	3854,68		1	A	A07h	39497A07h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
8004,513	4515,635		39497A07h	STWO	43	8004,513	4728,907		24	A	A07h	39497A07h	STWO	46	43	-3	-3	7,859.686	4,412.051	-3.65	-2.35
8559,408	3921,991		39500A07e	EGWO	49	8559,408	4092,366		9	A	A07e	39500A07e	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7301,666	4456,169		39500A07e	STWO	38	7301,666	4566,763		55	A	A07e	39500A07e	STWO	41	39	-2	-3	7,859.686	4,412.051	-1.55	-2.35
7112,568	4189,337		39500A07f	STWO	49	7112,568	3195,324		12	A	A07f	39500A07f	STWO	44	41	-3	5	7,859.686	3,989.588	-3.65	5.45
6591,489	3046,183		39519M56	EGWO	49	6591,489	3295,614		1	M	M56a	39519M56a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6804,949	3986,669		39519M56	STWO	49	6804,949	2927,371		51	M	M56a	39519M56a	STWO	42	41	-1	7	6,277.225	3,989.588	-1.55	5.45
7370,793	3033,884		39519M56	EGWO	49	7370,793	2821,556		5	M	M56c	39519M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6636,925	4005,581		39519M56	STWO	49	6636,925	3011,491		49	M	M56c	39519M56c	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
5125,558	3094,256		39535F76a	EGWO	36	5125,558	3339,001		2	F	F76a	39535F76a	EGWO	31	36	5	5	4,694.765	3,144.662	4.75	5.45
3760,245	3909,001		39535F76a	STWO	6	3760,245	3496,445		30	F	F76a	39535F76a	STWO	5	5	0	1	3,112.304	3,989.588	0.55	1.55
7658,872	4515,226		39543M27	STWO	49	7658,872	3754,608		44	M	M27a	39543M27a	STWO	43	41	-2	6	7,859.686	4,412.051	-1.55	5.45
6297,395	3909,809		39543M27	STWO	46	6297,395	3759,885		235	M	M27b	39543M27b	STWO	39	37	-2	7	6,277.225	3,989.588	-1.55	5.45
4265,48	3495,214		39551N61t	STWO	34	4265,48	2716,793		32	N	N61b	39551N61b	STWO	26	18	-8	8	4,694.765	3,567.125	-7.85	9.35
7103,574	4358,213		39578K52a	STWO	49	7103,574	4473,951		48	K	K52a	39578K52a	STWO	42	39	-3	7	7,859.686	4,412.051	-3.65	5.45
3934,542	2677,022		39586F83a	EGWO	31	3934,542	2719,779		37	F	F83a	39586F83a	EGWO	30	32	2	1	4,694.765	2,722.199	2.65	1.55
4478,564	2575,824		39594N68c	EGWO	48	4478,564	2335,218		26	N	N68d	39594N68d	EGWO	44	43	-1	4	4,694.765	2,722.199	-1.55	5.45
4157,41	3648,025		39594N68c	STWO	10	4157,41	4062,513		56	N	N68d	39594N68d	STWO	9	11	2	1	4,694.765	3,567.125	2.65	1.55
3731,105	3351,812		39608F78c	STWO	14	3731,105	3189,744		52	F	F78d	39608F78d	STWO	14	15	1	0	3,112.304	3,144.662	0.55	1.55
5462,134	4144,271		39616A02c	STWO	45	5462,134	5124,119		3	A	A02c	39616A02c	STWO	47	43	-4	-2	4,694.765	3,989.588	-3.65	-2.35
7665,015	4568,352		39616A02c	STWO	42	7665,015	4769,555		5	A	A02d	39616A02d	STWO	46	40	-6	-4	7,859.686	4,412.051	-5.75	-2.35
7258,664	4259,48		39624A01g	STWO	33	7587,415	4780,337		4	A	A01g	39624A01g	STWO		38			7,859.686	4,412.051		
6082,964	4397,137		39632A00b	STWO	26	6082,964	5260,461		4	A	A00b	39632A00b	STWO	36	32	-4	-10	6,277.225	4,412.051	-3.65	-10.15
7513,889	4373,583		39667A01f	EGWO	36	7513,889			1	A	A01f	39667A01f	EGWO	47	49	2	-11	7,859.686	4,412.051	2.65	-10.15
7513,815	4322,45		39667A01f	STWO	41	7513,815	4448,201		33	A	A01f	39667A01f	STWO	43	42	-1	-2	7,859.686	4,412.051	-1.55	-2.35
5292,684	3862,569		39675K90a	STWO	27	5292,684	3874,131		163	K	K90a	39675K90a	STWO	31	26	-5	-4	4,694.765	3,989.588	-5.75	-2.35
6754,015	3506,871		39683N73t	EGWO	47	6754,015	3441,271		22	N	N73b	39683N73b	EGWO	40	47	7	7	6,277.225	3,567.125	6.85	5.45
3974,917	2789,067		39691F83a	EGWO	28	3974,917	2854,075		26	F	F83a	39691F83a	EGWO	28	30	2	0	4,694.765	2,722.199	2.65	1.55
7053,776	4227,933		39713K44a	STWO	49	7053,776	3342,621		115	K	K44a	39713K44a	STWO	41	40	-1	8	6,277.225	4,412.051	-1.55	9.35
6788,02	4074,514		39721M29	STWO	49	6788,02	3300,052		219	M	M29b	39721M29b	STWO	41	40	-1	8	6,277.225	3,989.588	-1.55	9.35
3722,217	3495,373		39756F81a	STWO	6	3722,217	3546		33	F	F81a	39756F81a	STWO	9	6	-3	-3	3,112.304	3,567.125	-3.65	-2.35
5296,424	3850,455		39764K90a	STWO	32	5296,424	3614,882		63	K	K90a	39764K90a	STWO	33	31	-2	-1	4,694.765	3,989.588	-1.55	-2.35
4132,395	2751,5		39772N68c	EGWO	38	4132,395	2757,7		16	N	N68d	39772N68d	EGWO	34	36	2	4	4,694.765	2,722.199	2.65	5.45
4600,038	3681,239		39799F89c	STWO	24	4537,503	3792,453		64	F	F89c	39799F89c	STWO	28	22	-6	-4	4,694.765	3,567.125	-5.75	-2.35
7773,295	4435,525		39829E20c	STWO	49	7773,295	3382,512		225	E	E20c	39829E20c	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
7790,809	4452,433		39829E21a	STWO	49	7790,809	3485,308		439	E	E21a	39829E21a	STWO	45	43	-2	4	7,859.686	4,412.051	-1.55	5.45
4661,726	4029,708		39837F89b	STWO	13	4661,726	4542,361		12	F	F89b	39837F89b	STWO	12	12	0	1	4,694.765	3,989.588	0.55	1.55
6613,381	3454,209		39861M55	EGWO	49	6613,381	3640,453		2	M	M55d	39861M55d	EGWO	49	49	0	0	6,277.225	3,567.125	0.55	1.55
6302,337	3866,541		39861M55	STWO	49	6302,337	2859,521		74	M	M55d	39861M55d	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
5067,616	4093,104		39888E37a	STWO	29	5067,616	3611,014		122	E	E37a	39888E37a	STWO	22	22	0	7	4,694.765	3,989.588	0.55	5.45
6128,545	4016,403		39888E37c	STWO	48	6128,545	3038,678		161	E	E37d	39888E37d	STWO	35	34	-1	13	6,277.225	3,989.588	-1.55	13.25
6065,987	4100,411		39888E37g	STWO	46	6065,987	3252,213		108	E	E37g	39888E37g	STWO	33	32	-1	13	6,277.225	3,989.588	-1.55	13.25
6886,804	4297,873		39888E40a	STWO	49	6886,804	3267,023		251	E	E40a	39888E40a	STWO	39	38	-1	10	6,277.225	4,412.051	-1.55	9.35
6457,114	4153,757		39888E40b	STWO	49	6457,114	3139,327		204	E	E40b	39888E40b	STWO	37	36	-1	12	6,277.225	3,989.588	-1.55	13.25
3794,6	2424,61		39934F82c	EGWO	41	3816,604	2230,612		14	F	F82d	39934F82d	EGWO	34	36	2	7	3,112.304	2,299.736	2.65	5.45
3945,817	3235,974		39934F82c	STWO	23	3945,817	2884,294		30	F	F82d	39934F82d	STWO	20	18	-2	3	4,694.765	3,144.662	-1.55	1.55
8436,131	3227,711		39942K59a	EGWO	49	8933,396	2444,494		5	K	K59a	39942K59a	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
5935,416	3747,413		39942K59c	STWO	37	5935,416	3762,968		16	K	K59a	39942K59a	STWO	40	37	-3	-3	6,277.225	3,567.125	-3.65	-2.35
4230,735	3568,31		39969F76t	STWO	8	4230,735	3987,152		24	F	F76b	39969F76b	STWO	10	12	2	-2	4,694.765	3,567.125	2.65	-2.35
4169,268	2721,774		39977F78t	EGWO	31	4169,268	2814,422		30	F	F78b	39977F78b	EGWO	31	33	2	0	4,694.765	2,722.199	2.65	1.55
5505,4	3815,19		39993E37c	STWO	44	5505,4	2854,71		35	E	E37c	39993E37c	STWO	34	31	-3	10	6,277.225	3,989.588	-3.65	9.35
3775,815	3742,365		40002F77c	STWO	9	3775,815	4263,434		96	F	F77c	40002F77c	STWO	6	6	0	3	3,112.304	3,567.125	0.55	1.55
4868,359	2775,727		40010F85t	EGWO	45	4868,359	2690,754		16	F	F85b	40010F85b	EGWO	39	43	4	6	4,694.765	2,722.199	4.75	5.45
4320,001	2953,419		40029F78t	EGWO	28	4320,001	3012,902		28	F	F78b	40029F78b	EGWO	24	29	5	4	4,694.765	3,144.662	4.75	5.45
4511,311	2849,609		40037F86a	EGWO	41	4511,311	2389,225		10	F	F86a	40037F86a	EGWO	36	37	1	5	4,694.765	2,722.199	0.55	5.45
3741,491	3543,61		40037F86a	STWO	18	3741,491	3847,437		83	F	F86a	40037F86a	STWO	14	15	1	4	3,112.304	3,567.125	0.55	5.45
5034,538	3654,447		40045F86a	STWO	28	5034,538	3377,483		107	F	F86a	40045F86a	STWO	24	25	1	4	4,694.765	3,567.125	0.55	5.45
6740,222	4188,101		40061K26c	STWO	49	6740,222	3351,903		36	K	K26c	40061K26c	STWO	42	38	-4	7	6,277.225	3,989.588	-3.65	5.45
8948,673	3638,889		40088K59a	EGWO	49	9094,894	2690,894		36	K	K59a	40088K59a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
9828,01	3570,356		40118K49a	EGWO	49	9828,01	2521,524		9	K	K49a	40118K49a	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
6000	4227,174		40126E42a	STWO	39	6000	3658,593		9	E	E42a	40126E42a	STWO	33	30	-3	6	6,277.225	4,412.051	-3.65	5.45
7092,436	4454,051		40126E42b	STWO	45	7092,436	3898,663		13	E	E42b	40126E42b	STWO	39	37	-2	6	7,859.686	4,412.051	-1.55	5.45
6555,123	4220,603		40126E42c	STWO	46	6555,123	3539,474		29	E	E42c	40126E42c	STWO	38	35	-3	8	6,277.225	4,412.051	-3.65	9.35
6574,764	4190,656		40126E42c	STWO	44	6574,764	3691,385		48	E	E42d	40126E42d	STWO	38	36	-2	6	6,277.225	3,989.588	-1.55	5.45
6307,544	3886,611		40142K90a	STWO	35	6307,544	3528,681		62	K	K90a	40142K90a	STWO	32	28	-4	3	6,277.225	3,989.588	-3.65	1.55
4383,342	2617,038		40169F82a	EGWO	40	4383,342	2527,031		4	F	F82a	40169F82a	EGWO	36	38	2	4	4,694.765	2,722.199	2.65	5.45
9418,611	3623,995		40177K47c	EGWO	49	9418,611	3369,463		14	K	K47c	40177K47c	EGWO		49			9,442.146	3,567.125		
7833,573	4246,025		40177K47c	STWO		7833,573	2811,525		85	K	K47c	40177K47c	STWO					7,859.686	4,412.051		
9156,981	3583,328		40177K47c	EGWO	49	9156,981	3169,901		25	K	K47d	40177K47d	EGWO					9,442.146	3,567.125		
7774,958	4114,958		40177K47c	STWO		7774,958	2609,589		198	K	K47d	40177K47d	STWO					7,859.686	3,989.588		
7759,492	4097,312		40185A06a	EGWO	40	7759,492	4892,116		3	A	A06a	40185A06a	EGWO	47	48	1	-7	7,859.686	3,989.588	0.55	-6.25
7794,837	4704,677		40185A06a	STWO	38	7826,044	4927,937		115	A	A06a	40185A06a	STWO	43	40	-3	-5	7,859.686	4,834.514	-3.65	-6.25
4515,152	2621,395		40193F89c	EGWO	45	4515,152	2300,813		3	F	F89c	40193F89c	EGWO	39	42	3	6	4,694.765	2,722.199	2.65	5.45
4539,461	3510,365		40215F86a	STWO	28	4539,461	3111,766		107	F	F86a	40215F86a	STWO	24	23	-1	4	4,694.765	3,567.125	-1.55	5.45

5590,876	3937,997	[redacted]	40223E37c	STWO	44	5590,876	3034,445	[redacted]	50	E	E37c	40223E37c	STWO	32	29	-3	12	6,277.225	3,989.588	-3.65	13.25
4290,678	3456,573		40223E39c	STWO	28	4290,678	3151,972		25	E	E39d	40223E39d	STWO	26	25	-1	2	4,694.765	3,567.125	-1.55	1.55
6006,579			40258N60c	EGWO	38	6006,579			1	N	N60a	40258N60a	EGWO	32	34	2	6	6,277.225		2.65	5.45
4362,963	3332,05		40258N60c	STWO	36	4362,963	2201,94		1	N	N60a	40258N60a	STWO	27	27	0	9	4,694.765	3,144.662	0.55	9.35
5305,556	2756,328		40258N60b	EGWO	42	5305,556	2592,86		4	N	N60b	40258N60b	EGWO	43	41	-2	-1	4,694.765	2,722.199	-1.55	-2.35
5483,067	2999,788		40258N60c	EGWO	42	5483,067	3056,325		5	N	N60c	40258N60c	EGWO	38	41	3	4	4,694.765	3,144.662	2.65	5.45
4921,003	3728,919		40258N60c	STWO	35	4921,003	3172,522		92	N	N60c	40258N60c	STWO	24	23	-1	11	4,694.765	3,567.125	-1.55	9.35
4670,823	3890,177		40266F85c	STWO	9	4670,823	4328,568		36	F	F85c	40266F85c	STWO	14	16	2	-5	4,694.765	3,989.588	2.65	-6.25
6742,85	4186,082		40274K52c	STWO	49	6742,85	3427,851		24	K	K52d	40274K52d	STWO	38	37	-1	11	6,277.225	3,989.588	-1.55	9.35
3297,495	3090,494		40282N66f	STWO	9	3297,495	2996,948		80	N	N66f	40282N66f	STWO	8	7	-1	1	3,112.304	3,144.662	-1.55	1.55
6121,259	3940,562		40290E75a	STWO	49	6121,259	3103,622		91	E	E75a	40290E75a	STWO	37	35	-2	12	6,277.225	3,989.588	-1.55	13.25
5863,619	3819,264		40290E75b	STWO	48	5863,619	2931,046		82	E	E75b	40290E75b	STWO	36	35	-1	12	6,277.225	3,989.588	-1.55	13.25
5615,397	3850,576		40290E75c	STWO	45	5615,397	3108,774		16	E	E75c	40290E75c	STWO	35	32	-3	10	6,277.225	3,989.588	-3.65	9.35
6254,198	3985,14		40290E75c	STWO	44	6254,198	3518,802		40	E	E75d	40290E75d	STWO	39	37	-2	5	6,277.225	3,989.588	-1.55	5.45
6325,117	4970,73		40312A09c	EGWO		8085,227	6024,665		2	A	A09c	40312A09c	EGWO					6,277.225	4,834.514		
6659,209	4369,301		40312A09c	STWO	31	6659,209	4772,412		80	A	A09c	40312A09c	STWO	39	37	-2	-8	6,277.225	4,412.051	-1.55	-6.25
10000	3685,575		40339K48f	EGWO	49	10000	2375,977		1	K	K48f	40339K48f	EGWO		49			9,442.146	3,567.125		
7080,044	4187,334		40339K48f	STWO	49	7080,044	3330,567		31	K	K48f	40339K48f	STWO	44	41	-3	5	7,859.686	3,989.588	-3.65	5.45
7220,29	4294,773		40347K44b	STWO	49	7220,29	3498,872		243	K	K44b	40347K44b	STWO	43	40	-3	6	7,859.686	4,412.051	-3.65	5.45
7250,276	4322,29		40347K44c	STWO	49	7250,276	3468,614		166	K	K44c	40347K44c	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
5566,667	4147,039		40363N62b	EGWO	40	5566,667	3900,633		1	N	N62b	40363N62b	EGWO	36	38	2	4	6,277.225	3,989.588	2.65	5.45
5994,327	3824,667		40371N62b	EGWO	40	6067,801	3659,268		14	N	N62b	40371N62b	EGWO	34	36	2	6	6,277.225	3,989.588	2.65	5.45
4217,286	2633,543		40398F82b	EGWO	41	4217,286	2470,809		24	F	F82b	40398F82b	EGWO	35	37	2	6	4,694.765	2,722.199	2.65	5.45
4286,524	3514,128		40398F82b	STWO	21	4286,524	3169,077		108	F	F82b	40398F82b	STWO	21	19	-2	0	4,694.765	3,567.125	-1.55	1.55
3794,013	3344,733		40398F82c	STWO	11	3801,395	3382,359		224	F	F82c	40398F82c	STWO	13	12	-1	-2	3,112.304	3,144.662	-1.55	-2.35
7356,591	4424,505		40428A02c	STWO	40	7356,591	4409,133		44	A	A02c	40428A02c	STWO	44	40	-4	-4	7,859.686	4,412.051	-3.65	-2.35
6999,3	4456,261		40436E13c	STWO	45	6999,3	3727,051		58	E	E13d	40436E13d	STWO	39	36	-3	6	6,277.225	4,412.051	-3.65	5.45
6806,781	4158,325		40444K44c	STWO	49	6806,781	3233,042		122	K	K44d	40444K44d	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
5372,779	3999,101		40452E39c	STWO	27	5372,779	4244,905		78	E	E39c	40452E39c	STWO		25			4,694.765	3,989.588		
7802,018	4213,37		40460K47f	STWO	49	7802,018	2718,83		105	K	K47f	40460K47f	STWO	49	47	-2	0	7,859.686	4,412.051	-1.55	1.55
6954,578	4400,997		40509E16a	STWO	48	6954,578	3606,779		86	E	E16a	40509E16a	STWO	39	37	-2	9	6,277.225	4,412.051	-1.55	9.35
7534,735	4123,359		40509E16c	STWO	44	7534,735	4190,858		3	E	E16c	40509E16c	STWO	41	40	-1	3	7,859.686	3,989.588	-1.55	1.55
5389,686	3744,58		40517M57	STWO	45	5467,39	2989,946		16	M	M57a	40517M57a	STWO	31	31	0	14	4,694.765	3,567.125	0.55	13.25
6573,634	4334,718		40533E13c	STWO	44	6573,634	3677,725		46	E	E13d	40533E13d	STWO	37	34	-3	7	6,277.225	4,412.051	-3.65	5.45
7370,968	4283,035		40541E13f	STWO	49	7370,968	3845,731		1	E	E13f	40541E13f	STWO	41	38	-3	8	7,859.686	4,412.051	-3.65	9.35
6615,272	4337,016		40568E13c	STWO	43	6615,272	3760,346		136	E	E13d	40568E13d	STWO	37	34	-3	6	6,277.225	4,412.051	-3.65	5.45
6888,995	4184,6		40568E13f	STWO	49	6888,995	3467,13		132	E	E13f	40568E13f	STWO	42	39	-3	7	6,277.225	3,989.588	-3.65	5.45
5534,661	2741,506		40576M55	EGWO	49	5534,661	2700,231		2	M	M55d	40576M55d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6449,947	3891,322		40576M55	STWO	49	6449,947	2859,234		126	M	M55d	40576M55d	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
7019,627	4243,806		40584N61c	EGWO	47	7019,627	3713,095		42	N	N61c	40584N61c	EGWO	38	39	1	9	6,277.225	4,412.051	0.55	9.35
6607,258	3541,429		40592A04f	EGWO	37	6607,258	4180,717		7	A	A04h	40592A04h	EGWO	45	47	2	-8	6,277.225	3,567.125	2.65	-6.25
7666,341	4624,778		40592A04f	STWO	39	7666,341	5062,712		3	A	A04h	40592A04h	STWO	42	39	-3	-3	7,859.686	4,834.514	-3.65	-2.35
7803,223	3408,715		40606A05c	EGWO	49	7803,223	3848,133		8	A	A05d	40606A05d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7091,834	4305,515		40606A05c	STWO	37	7091,834	4429,588		15	A	A05d	40606A05d	STWO	44	39	-5	-7	7,859.686	4,412.051	-5.75	-6.25
4151,04	3022,745		40614T98a	EGWO	23	4185,861	3148,833		58	T	T98a	40614T98a	EGWO	21	24	3	2	4,694.765	3,144.662	2.65	1.55
12327,75	5479,839		40622E22a	EGWO		12327,75	4425,31		2	E	E22a	40622E22a	EGWO					12,607.067	5,679.44		
7369,439	4043,882		40622E22a	STWO	49	8448,36	4406,747		9	E	E22a	40622E22a	STWO		45			7,859.686	3,989.588		
6770,568	3417,297		40630A04f	EGWO	42	6770,568	4046,639		2	A	A04h	40630A04h	EGWO	48	49	1	-6	6,277.225	3,567.125	0.55	-6.25
7327,822	4460,295		40630A04f	STWO	35	7327,822	4753,102		31	A	A04h	40630A04h	STWO	42	39	-3	-7	7,859.686	4,412.051	-3.65	-6.25
4064,976	3614,632		40649N68c	STWO	13	4064,976	3717,504		85	N	N68c	40649N68c	STWO	14	11	-3	-1	4,694.765	3,567.125	-3.65	-2.35
7447,72	4374,682		40657M29	STWO	47	7447,72	3838,128		98	M	M29a	40657M29a	STWO	43	40	-3	4	7,859.686	4,412.051	-3.65	5.45
6536,013	4106,55		40657M31	STWO	47	6545,1	3504,564		77	M	M31a	40657M31a	STWO	39	37	-2	8	6,277.225	3,989.588	-1.55	9.35
5375,286	3780,548		40657M32	STWO	31	5375,286	3744,815		119	M	M32a	40657M32a	STWO	32	29	-3	-1	4,694.765	3,989.588	-3.65	-2.35
6833,227	3228,545		40657M32	EGWO	49	6833,227	2816,682		10	M	M32c	40657M32c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5107,714	3604,948		40657M32	STWO	29	5107,714	3595,564		54	M	M32c	40657M32c	STWO	33	29	-4	-4	4,694.765	3,567.125	-3.65	-2.35
5263,477			40665M33	STWO	18	5263,477			388	M	M33h	40665M33h	STWO	26	22	-4	-8	4,694.765		-3.65	-6.25
5750,975	3807,629		40665M33	STWO	36	5750,975	3674,801		176	M	M33j	40665M33j	STWO	38	34	-4	-2	6,277.225	3,989.588	-3.65	-2.35
5578,716	3851,972		40673A09f	STWO	29	5578,716	3982,819		7	A	A09f	40673A09f	STWO	35	30	-5	-6	6,277.225	3,989.588	-5.75	-6.25
5908,412	3047,2		40673M33	EGWO		5908,412	2630,319		3	M	M33k	40673M33k	EGWO					6,277.225	3,144.662		
5201,979	3724,085		40673M33	STWO	32	5201,979	3572,217		25	M	M33k	40673M33k	STWO	26	29	3	6	4,694.765	3,567.125	2.65	5.45
6203,39	2994,523		40703A09f	EGWO		6203,39	2784,067		2	A	A09h	40703A09h	EGWO					6,277.225	3,144.662		
5877,77	3849,716		40703A09f	STWO	44	5877,77	3071,864		42	A	A09h	40703A09h	STWO	36	34	-2	8	6,277.225	3,989.588	-1.55	9.35
7059,037	4537,651		40711A00a	STWO	25	7059,037	5265,104		156	A	A00a	40711A00a	STWO	39	35	-4	-14	6,277.225	4,412.051	-3.65	-14.05
7293,333	4286,071		40711A00c	EGWO	34	7293,333	5009,184		1	A	A00c	40711A00c	EGWO	44	47	3	-10	7,859.686	4,412.051	2.65	-10.15
6840,296	4494,746		40711A00c	STWO	25	6840,296	5114,141		57	A	A00c	40711A00c	STWO	38	34	-4	-13	6,277.225	4,412.051	-3.65	-14.05
4734,865	3669,663		40738K90c	STWO	22	4734,865	3672,468		86	K	K90c	40738K90c	STWO	29	22	-7	-7	4,694.765	3,567.125	-7.85	-6.25
7074,603	4229,505		40746K45a	STWO	49	7074,603	3292,168		95	K	K45a	40746K45a	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45
6761,293	4177,507		40746K45b	STWO	49	6761,293	3288,385		89	K	K45b	40746K45b	STWO	40	38	-2	9	6,277.225	3,989.588	-1.55	9.35
9609,272	4096,021		40762A07c	EGWO	49	9609,272	4466,168		1	A	A07d	40762A07d	EGWO					9,442.146	3,989.588		
7744,996	4681,562		40762A07c	STWO	36	7744,996	5155,366		47	A	A07d	40762A07d	STWO	43	39	-4	-7	7,859.686	4,834.514	-3.65	-6.25
3738,445	3306,76		40797N69l	STWO	10	3738,445	3389,472		52	N	N69l	40797N69l	STWO	11	10	-1	-1	3,112.304	3,144.662	-1.55	-2.35
7686,447	4203,471		40819E21b	STWO	49	7686,447	3025,742		273	E	E21b	40819E21b	STWO	47	45	-2	2	7,859.686	4,412.051	-1.55	1.55
6206,293	3992,051		40843K54c	STWO	48	6206,293	3215,406		70	K	K54c	40843K54c	STWO	39	35	-4	9	6,277.225	3,989.588	-3.65	9.35
5059,181	3501,582		40894N65l	EGWO	32	5059,181	3436,742		31	N	N65b	40894N65b	EGWO	26	31	5	6	4,694.765	3,567.125	4.75	5.45
7000,048	4038,288		40916K52b	STWO	49	7000,048	2971,32		92	K	K52b	40916K52b	STWO	44	42	-2	5	6,277.225	3,989.588	-1.55	5.45
7599,035	4258,477		40932A05c	STWO	47	7599,035	3710,379		9	A	A05d	40932A05d	STWO	45	44	-1	2	7,859.686	4,412.051	-1.55	1.55
7158,781	4291,889		40932E13a	STWO	48	7158,781	3723,807		53	E	E13a	40932E13a	STWO	43	40	-3	5	7,859.686	4,412.051	-3.65	5.45
6706,358	4223,357		40940E13a	STWO	48	6706,358	3512,705		28	E	E13a	40940E13a	STWO	42	37	-5	6	6,277.225	4,412.051	-5.75	5.45
6571,074	4376,245		40959A01e	STWO	27	6571,074	5101,047		29	A	A01e	40959A01e	STWO	37	32	-5	-10	6,277.225	4,412.051	-5.75	-10.15
5532,578	3515,043		40967N63a	EGWO	40	5532,578	3300,813		12	N	N63a	40967N63a	EGWO	36	36	0	4	6,277.225	3,567.125	0.55	5.45
5271,368	3880,041		40975K90c	STWO	28	5271,368	3761,85		89	K	K90c	40975K90c	STWO	30	26	-4	-2	4,694.765	3,989.588	-3.65	-2.35
5344,25	3159,726		40983N66c	EGWO	34	5353,627	3409,879		61	N	N66c	40983N66c	EGWO	34	37	3	0	4,694.765	3,144.662	2.65	1.55
4240,774	3570,826		40983N66c	STWO	28	4240,774	3587,262		6	N	N66c	40983N66c	STWO	14	16	2	14	4,694.765	3,567.125	2.65	13.25
5424,337	3435,575		40983N66c	EGWO	31	5424,337	3773,525		72	N	N66d	40983N66d	EGWO	34	34	0	-3	4,694.765	3,567.125	0.55	-2.35
4531,824	3447,029		40983N66c	STWO	13	4531,824	2804,117		2	N	N66d	40983N66d	STWO	17	14	-3	-4	4,694.765	3,567.125	-3.65	-2.35
7345,328	4185,291		41033K52f	STWO	47	7345,328	3912,868		58	K	K52h	41033K52h	STWO	46	44	-2	1	7,859.686	3,989.588	-1.55	1.55
9362,046	4109,739		41033K54c	EGWO	49	9469,929	3477,466		9	K	K54c	41033K54c	EGWO		49			9,442.146	3,989.588		
7496,063	3857,231		41033K54e	EGWO		7496,063	4569,77		1	K	K54e	41033K54e	EGWO					7,859.686	3,989.588		
5710,14	3644,212		41041F84c	EGWO	33	5710,14	3761,759		28	F	F84c	41041F84c	EGWO	33	36	3	0	6,277.225	3,567.125	2.65	1.55
6272,727	3583,461		41092M34	EGWO		6272,727	3185,19		1	M	M34c	41092M34c	EGWO					6,277.225	3,567.125		
2561,766			41092M34	STWO		2561,766			53	M	M34d	41092M34d	STWO					3,112.304			
8286,275	4709,079		41149N73h	EGWO	45	8286,275	4833,234		2	N	N73h	41149N73h	EGWO	43	45	2	2	7,859.686	4,834.514	2.65	1.55
7155,372	4158,887		41165N62b	EGWO	43	7155,372	4050,715		25	N	N62b	41165N62b	EGWO	40	42	2	3	7,859.686	3,989.588	2.65	1.55
7431,026	4361,793		41289A04f	STWO	43	7431,026	4219,954		31	A	A04h	41289A04h	STWO	43	41	-2	0	7,859.686	4,412.051	-1.55	1.55
4815,822	2606,27		41297N61b	EGWO	46	4815,822	2272,955		2	N	N61b	41297N61b	EGWO	40	43	3	6	4,694.765	2,722.199	2.65	5.45
5208,088	3811,33		41297N61b	STWO	39	5208,088	3103,093		58	N	N61b	41297N61b	STWO	27	26	-1	12	4,694.765	3,989.588	-1.55	13.25
3345,181	2413,465		41319T94i	EGWO	28	3345,181	2412,256		36	T	T94i	41319T94i	EGWO	29	28	-1	-1	3,112.304	2,299.736	-1.55	-2.35
3613,711	3362,547		41319T94i	STWO	5	3613,711	3743,679		9	T	T94i	41319T94i	STWO	8	8	0	-3	3,112.304	3,567.125	0.55	-2.35
4129,493	2745,879		41319T94j	EGWO	25	4118,999	3516,621		3	T	T94j	41319T94j	EGWO	26	29	3	-1	4,694.765	2,722.199	2.65	-2.35
3264,778	2412,683		41319T94k	EGWO	28	3264,778	2364,413		19	T	T94k	41319T94k	EGWO	26	26	0	2	3,112.304	2,299.736	0.55	1.55
4061,063	3553,821		41319T94k	STWO	5	4061,063	4081,274		22	T	T94k	41319T94k	STWO	5	12	7	0	4,694.765	3,567.125	6.85	1.55
6344,444	3853,101		41335F11c	STWO		6344,444	2401,38		1	F	F11d	41335F11d	STWO					6,277.225	3,989.588		
3995,144	3608		41440T93b	STWO	5	3995,144	4290,852		155	T	T93b	41440T93b	STWO	5	6	1	0	4,694.765	3,567.125	0.55	1.55

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3311,661	3407,326	[redacted]	44598T95a	STWO	5	3311,661	3628,691	[redacted]	350	T	T95a	44598T95a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3139,245	3325,398		44628T95a	STWO	5	3139,245	3441,04		301	T	T95a	44628T95a	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
8058,288	4448,158		44679K23a	STWO	46	8058,288	4220,247		174	K	K23a	44679K23a	STWO	46	44	-2	0	7,859.686	4,412.051	-1.55	1.55
2905,882	3108,288		44717T92e	STWO		2905,882	2468,51		1	T	T92e	44717T92e	STWO					3,112.304	3,144.662		
4235,294	2853,465		44741F11e	EGWO		4235,294	2987,07		2	F	F11e	44741F11e	EGWO					4,694.765	2,722.199		
5257,419	3916,999		44776E13c	STWO	35	5257,419	4174,235		17	E	E13d	44776E13d	STWO	31	28	-3	4	4,694.765	3,989.588	-3.65	5.45
3276,701	3463,913		44792T93f	STWO	5	3276,701	3877,056		245	T	T93f	44792T93f	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
8103,566	4299,38		44814A00e	EGWO	35	8103,566	5148,189		3	A	A00e	44814A00e	EGWO	44	46	2	-9	7,859.686	4,412.051	2.65	-10.15
7026,312	4287,612		44814A00e	STWO	34	7026,312	4671,218		4	A	A00e	44814A00e	STWO	42	36	-6	-8	6,277.225	4,412.051	-5.75	-6.25
6605,179	3980,765		44873M30	STWO	49	6605,179	3085,299		51	M	M30b	44873M30b	STWO	42	40	-2	7	6,277.225	3,989.588	-1.55	5.45
6978,121	4368,679		44962A01e	STWO	33	6978,121	4673,91		7	A	A01e	44962A01e	STWO	39	37	-2	-6	6,277.225	4,412.051	-1.55	-6.25
6870,95	3029,812		45160A05a	EGWO	49	6870,95	2587,999		20	A	A05a	45160A05a	EGWO		49			6,277.225	3,144.662		
7427,281	4337,289		45160A05e	STWO	42	7427,281	4287,801		326	A	A05a	45160A05a	STWO	44	42	-2	-2	7,859.686	4,412.051	-1.55	-2.35
7238,212	4483,111		45829A08a	STWO	35	7238,212	4720,259		21	A	A08a	45829A08a	STWO	40	38	-2	-5	7,859.686	4,412.051	-1.55	-6.25
4685,06	3583,847		45837M31	STWO	33	4685,06	3088,911		57	M	M31c	45837M31c	STWO	27	23	-4	6	4,694.765	3,567.125	-3.65	5.45
6895,798	4377,121		45942K24c	STWO	47	6895,798	4813,361		20	K	K24d	45942K24d	STWO	39	36	-3	8	6,277.225	4,412.051	-3.65	9.35
5496,897	3876,442		45950M27	STWO	46	5496,897	3996,859		42	M	M27b	45950M27b	STWO	37	34	-3	9	6,277.225	3,989.588	-3.65	9.35
3773,935	2550,664		45977F78c	EGWO	35	3773,935	2454,497		6	F	F78d	45977F78d	EGWO	26	32	6	9	3,112.304	2,722.199	6.85	9.35
3887,889	2852,244		45985F78c	EGWO	31	3887,889	2734,78		4	F	F78d	45985F78d	EGWO	28	31	3	3	3,112.304	2,722.199	2.65	1.55
3790,671	3546,052		45985F78c	STWO	17	3790,671	3149,593		15	F	F78d	45985F78d	STWO	14	16	2	3	3,112.304	3,567.125	2.65	1.55
3448,835	3232,235		46027T96c	STWO	13	3448,835	2602,513		58	T	T96d	46027T96d	STWO	9	8	-1	4	3,112.304	3,144.662	-1.55	5.45
3194,166	3184,175		46035T96c	STWO	5	3194,166	3238,219		96	T	T96d	46035T96d	STWO	6	6	0	-1	3,112.304	3,144.662	0.55	-2.35
3143,287	3187,417		46051T96c	STWO	5	3143,287	3256,814		62	T	T96d	46051T96d	STWO	6	5	-1	-1	3,112.304	3,144.662	-1.55	-2.35
3507,306	3509,852		46078T96c	STWO	5	3507,306	3670,161		75	T	T96d	46078T96d	STWO	6	6	0	-1	3,112.304	3,567.125	0.55	-2.35
3726,013	3482,174		46086T96c	STWO	8	3726,013	2846,748		61	T	T96d	46086T96d	STWO	6	6	0	2	3,112.304	3,567.125	0.55	1.55
3462,237	3305,644		46116T96c	STWO	6	3462,237	3412,17		20	T	T96d	46116T96d	STWO	6	6	0	0	3,112.304	3,144.662	0.55	1.55
3532,088	3471,564		46116T96e	STWO	6	3532,088	3381,305		30	T	T96e	46116T96e	STWO	6	6	0	0	3,112.304	3,567.125	0.55	1.55
3489,541	3302,451		46132T96c	STWO	6	3489,541	3404,337		60	T	T96d	46132T96d	STWO	7	7	0	-1	3,112.304	3,144.662	0.55	-2.35
3488,493	3441,763		46132T96e	STWO	6	3488,493	3342,536		79	T	T96e	46132T96e	STWO	6	5	-1	0	3,112.304	3,567.125	-1.55	1.55
3257,349	3274,289		46140T96c	STWO	6	3257,349	3098,687		70	T	T96d	46140T96d	STWO	6	6	0	0	3,112.304	3,144.662	0.55	1.55
3478,667	3455,323		46159T96e	STWO	6	3478,667	3337,62		40	T	T96e	46159T96e	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
3372,594	3370,296		46167T96c	STWO	6	3372,594	3299,63		55	T	T96d	46167T96d	STWO	6	6	0	0	3,112.304	3,567.125	0.55	1.55
3406,125	3442,013		46183T96c	STWO	5	3406,125	3330,213		49	T	T96d	46183T96d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3627,64	3352,444		46191T96e	STWO	8	3627,64	3381,709		107	T	T96e	46191T96e	STWO	6	6	0	2	3,112.304	3,144.662	0.55	1.55
3262,421	3281,669		46205T96e	STWO	6	3262,421	3228,884		62	T	T96e	46205T96e	STWO	5	5	0	1	3,112.304	3,144.662	0.55	1.55
3689,912	3311,482		46213T96e	STWO	8	3689,912	3470,17		88	T	T96e	46213T96e	STWO	5	5	0	3	3,112.304	3,144.662	0.55	1.55
3488,874	3375,118		46221T96e	STWO	7	3488,874	3283,728		125	T	T96e	46221T96e	STWO	7	6	-1	0	3,112.304	3,567.125	-1.55	1.55
3423,717	3510,546		46256T96e	STWO	5	3423,717	3926,525		7	T	T96e	46256T96e	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3408,819	3498,603		46280T96e	STWO	5	3408,819	3865,996		116	T	T96e	46280T96e	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
6230,049	4224,575		46809E19b	STWO	31	6230,049	4655,674		33	E	E19b	46809E19b	STWO	31	31	0	0	6,277.225	4,412.051	0.55	1.55
6099,968	4092,625		46825E19b	STWO	31	6099,968	4375,661		10	E	E19b	46825E19b	STWO	33	31	-2	-2	6,277.225	3,989.588	-1.55	-2.35
5996,968	4113,397		46833E19b	STWO	31	5996,968	4438,749		88	E	E19b	46833E19b	STWO	30	31	1	1	6,277.225	3,989.588	0.55	1.55
5354,287	3573,281		46841E19b	STWO	36	5354,287	2532,348		2	E	E19b	46841E19b	STWO	33	33	0	3	4,694.765	3,567.125	0.55	1.55
6212,877	4200,541		46868A05c	STWO	36	6212,877	3938,496		10	A	A05c	46858A05c	STWO	39	33	-6	-3	6,277.225	3,989.588	-5.75	-2.35
3888,975	3773,713		46906T93a	STWO	5	3888,975	4376,581		114	T	T93a	46906T93a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
6420,204	4221,472		46930A05c	STWO	42	6420,204	3735,866		20	A	A05d	46930A05d	STWO	37	35	-2	5	6,277.225	4,412.051	-1.55	5.45
7068,493	4198,021		46965A05c	STWO	42	7068,493	3729,336		1	A	A05d	46965A05d	STWO	42	40	-2	0	7,859.686	3,989.588	-1.55	1.55
6065,481	4046,627		47007A05c	STWO	38	6065,481	3501,045		11	A	A05c	47007A05c	STWO	39	33	-6	-1	6,277.225	3,989.588	-5.75	-2.35
9516,507	4194,077		47015N64c	EGWO	49	9516,507	4338,803		12	N	N64c	47015N64c	EGWO	47	49	2	2	9,442.146	3,989.588	2.65	1.55
7218,218	4406,531		47023A04e	STWO	39	7218,218	4193,989		4	A	A04e	47023A04e	STWO	39	36	-3	0	7,859.686	4,412.051	-3.65	1.55
3352,652	3446,261		47066T97b	STWO	5	3352,652	3778,905		38	T	T97b	47066T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3146,937	3329,288		47074T97b	STWO	5	3146,937	3536,338		80	T	T97b	47074T97b	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
3251,327	3447,148		47082T97b	STWO	5	3251,327	3771,053		84	T	T97b	47082T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3264,341	3439,169		47090T97b	STWO	5	3264,341	3747,711		46	T	T97b	47090T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3411,006	3529,731		47104T97b	STWO	5	3411,006	3926,977		100	T	T97b	47104T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3466,897	3521,796		47120T97a	STWO	5	3466,897	3927,163		12	T	T97a	47120T97a	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3255,674	3456,553		47139T97a	STWO	5	3255,674	3837,837		40	T	T97a	47139T97a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3242,15	3475,555		47147T97e	STWO	5	3254,417	3869,944		135	T	T97a	47147T97a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3455,172	3481,377		47155T97a	STWO	5	3455,172	3816,264		90	T	T97a	47155T97a	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3372,801	3466,736		47163T97e	STWO	5	3379,104	3799,642		132	T	T97a	47163T97a	STWO	6	6	0	-1	3,112.304	3,567.125	0.55	-2.35
2886,511	2289,902		47171T97a	EGWO	26	3015,659	2294,266		8	T	T97a	47171T97a	EGWO	24	26	2	2	3,112.304	2,299.736	2.65	1.55
3157,953	3459,145		47171T97e	STWO	5	3157,953	3868,503		32	T	T97a	47171T97a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3523,306	3587,33		47201T97a	STWO	5	3523,306	4049,233		198	T	T97a	47201T97a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3485,08	3571,711		47228T97a	STWO	5	3485,08	4009,977		144	T	T97a	47228T97a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3754,224	3552,232		47236T97b	STWO	5	3754,224	4325,24		47	T	T97b	47236T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3589,856	3530,508		47244T97b	STWO	5	3589,856	3961,769		78	T	T97b	47244T97b	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3446,359	3502,106		47260T97b	STWO	5	3446,359	3892,62		23	T	T97b	47260T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3256,367	3456,558		47279T97b	STWO	5	3256,367	4077,587		125	T	T97b	47279T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
2772,289	3248,786		47295T97a	STWO	5	2772,289	3070,765		162	T	T97a	47295T97a	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
3180,482	3447,767		47295T97b	STWO	5	3180,482	3952,019		39	T	T97b	47295T97b	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3573,936	2463,375		47325F83a	EGWO	33	3573,936	2385,419		26	F	F83a	47325F83a	EGWO	29	31	2	4	3,112.304	2,299.736	2.65	5.45
4010,733	3752,388		47325F83a	STWO	5	4010,733	3396,758		3	F	F83a	47325F83a	STWO	7	5	-2	-2	4,694.765	3,567.125	-1.55	-2.35
7200,364	4180,019		47368A07e	STWO	46	7200,364	3022,545		7	A	A07e	47368A07e	STWO	46	40	-6	0	7,859.686	3,989.588	-5.75	1.55
3751,507	3685,686		47430T93a	STWO	5	3751,507	4155,696		119	T	T93a	47430T93a	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3766,18	3611,101		47457T93a	STWO	5	3766,18	4006,294		39	T	T93a	47457T93a	STWO	6	7	1	-1	3,112.304	3,567.125	0.55	-2.35
3777,185	3615,504		47465T93a	STWO	5	3777,185	4204,284		411	T	T93a	47465T93a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3721,439	3619,589		47473T93a	STWO	5	3721,439	4125,437		202	T	T93a	47473T93a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3879,221	3590,995		47481T93a	STWO	5	3879,221	4319,834		317	T	T93a	47481T93a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3743,371	3610,647		47503T93a	STWO	5	3743,371	4247,787		198	T	T93a	47503T93a	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3645,181	2523,239		47511T93a	EGWO	28	3645,181	2611,239		8	T	T93a	47511T93a	EGWO	27	31	4	1	3,112.304	2,722.199	4.75	1.55
3888,624	3704,907		47511T93a	STWO	5	3888,624	4212,217		94	T	T93a	47511T93a	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3837,348	3627,931		47538T93b	STWO	5	3837,348	4148,224		189	T	T93b	47538T93b	STWO	6	6	0	-1	3,112.304	3,567.125	0.55	-2.35
3879,513	3556,883		47546T93b	STWO	5	3879,513	4204,373		217	T	T93b	47546T93b	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3997,701	3631,974		47554T93b	STWO	5	3997,701	4322,818		247	T	T93b	47554T93b	STWO	5	6	1	0	4,694.765	3,567.125	0.55	1.55
4094,144	3687,646		47562T93b	STWO	5	4102,392	4411,326		138	T	T93b	47562T93b	STWO	6	6	0	-1	4,694.765	3,567.125	0.55	-2.35
3837,616	3610,24		47570T93b	STWO	5	3848,138	4168,598		161	T	T93b	47570T93b	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3900,6	3648,52		47589T93b	STWO	5	3900,6	4311,019		164	T	T93b	47589T93b	STWO	5	6	1	0	3,112.304	3,567.125	0.55	1.55
3546,916	3521,85		47635F82c	STWO	13	3546,916	3922,003		35	F	F82d	47635F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3639,917	3578,137		47643F82c	STWO	13	3639,917	4224,777		35	F	F82d	47643F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3980,504			47651F82c	STWO	10	3980,504			70	F	F82c	47651F82c	STWO	11	10	-1	-1	4,694.765		-1.55	-2.35
3601,722	3591,481		47686F82c	STWO	13	3601,722	4186,073		35	F	F82d	47686F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3568,43	3561,245		47708F82c	STWO	13	3568,43	4080,28		28	F	F82d	47708F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3632,085	3597,436		47716F82c	STWO	13	3632,085	4209,47		21	F	F82d	47716F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3506,317	3558,145		47724F82c	STWO	13	3506,317	4161,874		35	F	F82d	47724F82d	STWO	12	11	-1	1	3,112.304	3,567.125	-1.55	1.55
3898,288	2689,776		47732F81a	EGWO	29	3898,288	2742,868		11	F	F81a	47732F81a	EGWO	28	31	3	1	3,112.304	2,722.199	2.65	1.55
3516,946	3408,239		47732F81a	STWO	8	3516,946	2811,863		29	F	F81a	47732F81a	STWO	9	8	-1	-1	3,112.304	3,567.125	-1.55	-2.35
6872,218	3532,776		47740N73a	EGWO	49	6872,218	3125,676		23	N	N73a	47740N73a	EGWO	46	49	3	3	6,277.225	3,567.125	2.65	1.55
5141,345	3948,246		47775N61a	STWO	29	5141,345	3721,341		199	N	N61a	47775N61a	STWO	25	23	-2	4	4,694.765	3,989.588	-1.55	5.45
6588,652	4366,256		47783N61a	STWO	39	6588,652	3959,782		12	N	N61a	47783N61a	STWO	34	29	-5	5	6,277.225	4,412.051	-5.75	5.45
5533,233	3646,798		47791N61a	STWO	39	5533,233	3400,087		21	N	N61a	47791N61a	STWO	31	29	-2	8	6,277.225	3,567.125	-1.55	9.35
3534,051	2771,589		47805N61a	EGWO		3534,051	2755,615		2	N	N61a	47805N61a	EGWO					3,112.304	2,722.199		
5302,6	3524,156		47805N61a	STWO	35	5302,6	3420,744		54	N	N61a	47805N61a	STWO	30	29	-1	5	4,694.765	3,567.125	-1.55	5.45
5688,084	3930,516		47813N61a	STWO	39	5688,084	3334,493		90	N	N61a	47813N61a	STWO	33	29	-4	6	6,277.225	3,989.588	-3.65	5.45

5635,053	4137,219	[redacted]	47821N61a	STWO	39	5635,053	3581,125	[redacted]	62	N	N61a	47821N61a	STWO	32	29	-3	7	6,277.225	3,989.588	-3.65	5.45
5742,029	3956,157		47848N61a	STWO	39	5742,029	3384,398		46	N	N61a	47848N61a	STWO	32	29	-3	7	6,277.225	3,989.588	-3.65	5.45
5602,739	4147,779		47856N61a	STWO	39	5602,739	3600,085		70	N	N61a	47856N61a	STWO	32	29	-3	7	6,277.225	3,989.588	-3.65	5.45
5814,703	3970,152		47864N61a	STWO	39	5814,703	3415,798		46	N	N61a	47854N61a	STWO	32	29	-3	7	6,277.225	3,989.588	-3.65	5.45
5669,65	3946,348		47872N61a	STWO	39	5669,65	3367,445		117	N	N61a	47872N61a	STWO	32	29	-3	7	6,277.225	3,989.588	-3.65	5.45
5064,049	3820,461		47899N61a	STWO	36	5064,049	3269,476		49	N	N61a	47899N61a	STWO	28	25	-3	8	4,694.765	3,989.588	-3.65	9.35
3951,128	2664,683		47910T96g	EGWO	28	3951,128	2840,147		14	T	T96g	47910T96g	EGWO	28	32	4	0	4,694.765	2,722.199	4.75	1.55
3779,788	3559,903		47910T96g	STWO	15	3779,788	3601,944		6	T	T96g	47910T96g	STWO	9	7	-2	6	3,112.304	3,567.125	-1.55	5.45
3655,57	2623,018		47929T96g	EGWO	25	3655,57	2738,284		59	T	T96g	47929T96g	EGWO	22	28	6	3	3,112.304	2,722.199	6.85	1.55
3801,45	3487,833		47929T96g	STWO	20	3801,45	3287,224		63	T	T96g	47929T96g	STWO	9	6	-3	11	3,112.304	3,567.125	-3.65	9.35
3779,028	3482,657		47988T96g	STWO	21	3779,028	2969,278		14	T	T96g	47988T96g	STWO	9	8	-1	12	3,112.304	3,567.125	-1.55	13.25
3466,401	2434,313		47996T96g	EGWO	30	3466,401	2419,21		89	T	T96g	47996T96g	EGWO	25	30	5	5	3,112.304	2,299.736	4.75	5.45
3601,743	2516,617		48003T96g	EGWO	29	3601,743	2544,962		31	T	T96g	48003T96g	EGWO	24	30	6	5	3,112.304	2,722.199	6.85	5.45
3754,002	3487,339		48003T96g	STWO	21	3754,002	2970,388		12	T	T96g	48003T96g	STWO	6	8	2	15	3,112.304	3,567.125	2.65	13.25
3713,491	2498,622		48011T96g	EGWO	32	3713,491	2534,719		69	T	T96g	48011T96g	EGWO	28	33	5	4	3,112.304	2,299.736	4.75	5.45
3493,558	2440,686		48046T96g	EGWO	32	3493,558	2388,879		42	T	T96g	48046T96g	EGWO	25	30	5	7	3,112.304	2,299.736	4.75	5.45
3664,047	2577,212		48054T96g	EGWO	26	3664,047	2716,018		25	T	T96g	48054T96g	EGWO	25	29	4	1	3,112.304	2,722.199	4.75	1.55
3599,825	2483,749		48062T96g	EGWO	30	3599,825	2500,523		76	T	T96g	48062T96g	EGWO	27	31	4	3	3,112.304	2,299.736	4.75	1.55
3806,317	2794,257		48070T96g	EGWO	24	3806,317	2938,659		11	T	T96g	48070T96g	EGWO	21	27	6	3	3,112.304	2,722.199	6.85	1.55
3639,042	2543,594		48089T96g	EGWO	28	3639,042	2639,939		25	T	T96g	48089T96g	EGWO	27	30	3	1	3,112.304	2,722.199	2.65	1.55
3765,829	2638,212		48100T96g	EGWO	26	3765,829	2789,877		50	T	T96g	48100T96g	EGWO	26	30	4	0	3,112.304	2,722.199	4.75	1.55
4186,918	2743,035		48119T96g	EGWO	28	4186,918	3036,844		11	T	T96g	48119T96g	EGWO	30	35	5	-2	4,694.765	2,722.199	4.75	-2.35
3842,823	2595,568		48127T96g	EGWO	29	3842,823	2747,032		108	T	T96g	48127T96g	EGWO	29	32	3	0	3,112.304	2,722.199	2.65	1.55
3622,906	2536,091		48135T96g	EGWO	28	3622,906	2627,737		47	T	T96g	48135T96g	EGWO	27	30	3	1	3,112.304	2,722.199	2.65	1.55
6475,818	4122,414		48151K25c	STWO	41	6475,818	4516,922		102	K	K25c	48151K25c	STWO	38	34	-4	3	6,277.225	3,989.588	-3.65	1.55
6395,103	4232,287		48178K25c	STWO	41	6395,103	4319,54		73	K	K25c	48178K25c	STWO	38	34	-4	3	6,277.225	4,412.051	-3.65	1.55
4450,485	3646,321		48186F89a	STWO	13	4450,485	4159,025		37	F	F89a	48186F89a	STWO	15	13	-2	-2	4,694.765	3,567.125	-1.55	-2.35
4702,1	3698,132		48194F89a	STWO	19	4703,054	3850,637		111	F	F89a	48194F89a	STWO	19	18	-1	0	4,694.765	3,567.125	-1.55	1.55
6140,614	4117,568		48208A09c	STWO	36	6140,614	3685,451		20	A	A09c	48208A09c	STWO	36	33	-3	0	6,277.225	3,989.588	-3.65	1.55
6585,536	4244,116		48216A09c	STWO	26	6585,536	5228,994		34	A	A09c	48216A09c	STWO	35	33	-2	-9	6,277.225	4,412.051	-1.55	-10.15
5920,638	4157,28		48224A09c	STWO	26	5920,638	5009,724		57	A	A09c	48224A09c	STWO	30	29	-1	-4	6,277.225	3,989.588	-1.55	-2.35
5250,279	3877,915		48232N61a	STWO	29	5250,279	4249,44		102	N	N61a	48232N61a	STWO	24	23	-1	5	4,694.765	3,989.588	-1.55	5.45
4366,192	3870,761		48240N65c	STWO	8	4366,192	4234,341		16	N	N65c	48240N65c	STWO	14	11	-3	-6	4,694.765	3,989.588	-3.65	-6.25
4548,726	3851,174		48259N65c	STWO	8	4548,726	4451,01		43	N	N65c	48259N65c	STWO	11	11	0	-3	4,694.765	3,989.588	0.55	-2.35
5376,812	3094,862		48275N65c	EGWO	38	5376,812	3291,307		51	N	N65c	48275N65c	EGWO	30	38	8	8	4,694.765	3,144.662	8.95	9.35
4243,996	3745,427		48275N65c	STWO	8	4243,996	3955,563		32	N	N65c	48275N65c	STWO	16	12	-4	-8	4,694.765	3,567.125	-3.65	-6.25
4463,601	3836,052		48283N65c	STWO	8	4463,601	4188,198		82	N	N65c	48283N65c	STWO	14	13	-1	-6	4,694.765	3,989.588	-1.55	-6.25
4350,614	3800,704		48291N65c	STWO	8	4350,614	4318,309		30	N	N65c	48291N65c	STWO	11	10	-1	-3	4,694.765	3,989.588	-1.55	-2.35
4324,855	2891,382		48305N65c	EGWO	34	4324,855	2870,204		16	N	N65c	48305N65c	EGWO	27	33	6	7	4,694.765	2,722.199	6.85	5.45
4359,839	3734,007		48305N65c	STWO	8	4359,839	4091,45		105	N	N65c	48305N65c	STWO	13	13	0	-5	4,694.765	3,567.125	0.55	-6.25
4148,85	2844,284		48313N65c	EGWO	31	4148,85	2864,265		32	N	N65c	48313N65c	EGWO	28	31	3	3	4,694.765	2,722.199	2.65	1.55
4735,577	3907,674		48313N65c	STWO	8	4735,577	4405,836		31	N	N65c	48313N65c	STWO	16	16	0	-8	4,694.765	3,989.588	0.55	-6.25
4597,176	2943,962		48321N65c	EGWO	35	4597,176	2999,391		16	N	N65c	48321N65c	EGWO	30	36	6	5	4,694.765	3,144.662	6.85	5.45
3498,357	2555,575		48348T96f	EGWO	26	3498,357	2595,43		18	T	T96f	48348T96f	EGWO	22	27	5	4	3,112.304	2,722.199	4.75	5.45
3365,929	3461,666		48356T96f	STWO	5	3365,929	3633,278		115	T	T96f	48356T96f	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3557,345	2555,001		48372T96f	EGWO	27	3557,345	2599,592		39	T	T96f	48372T96f	EGWO	27	28	1	0	3,112.304	2,722.199	0.55	1.55
3212,929	3414,329		48380T96f	STWO	5	3212,929	3550,905		114	T	T96f	48380T96f	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3706,027	2755,865		48399T96f	EGWO	24	3706,027	2822,533		54	T	T96f	48399T96f	EGWO	20	25	5	4	3,112.304	2,722.199	4.75	5.45
4226,19	3856,092		48399T96f	STWO	6	4226,19	3490,509		4	T	T96f	48399T96f	STWO	5	9	4	1	4,694.765	3,989.588	4.75	1.55
3668,774	2667,716		48402T96f	EGWO	26	3668,774	2729,909		32	T	T96f	48402T96f	EGWO	22	26	4	4	3,112.304	2,722.199	4.75	5.45
4365,079	3897,167		48402T96f	STWO	11	4365,079	3553,326		6	T	T96f	48402T96f	STWO	6	10	4	5	4,694.765	3,989.588	4.75	5.45
3731,922	2699,533		48410T96f	EGWO	26	3731,922	2777,454		36	T	T96f	48410T96f	EGWO	22	27	5	4	3,112.304	2,722.199	4.75	5.45
4380,952	3900,719		48410T96f	STWO	11	4380,952	3562,418		6	T	T96f	48410T96f	STWO	6	11	5	5	4,694.765	3,989.588	4.75	5.45
3720,749	2688,925		48429T96f	EGWO	25	3720,749	2772,027		66	T	T96f	48429T96f	EGWO	22	27	5	3	3,112.304	2,722.199	4.75	1.55
4380,952	3900,719		48429T96f	STWO	11	4380,952	3562,418		8	T	T96f	48429T96f	STWO	6	11	5	5	4,694.765	3,989.588	4.75	5.45
3907,26	2882,137		48437T96f	EGWO	23	3907,26	2999,743		10	T	T96f	48437T96f	EGWO	22	26	4	1	4,694.765	2,722.199	4.75	1.55
3212,831	2375,708		48445T96f	EGWO	26	3212,831	2348,865		38	T	T96f	48445T96f	EGWO	21	25	4	5	3,112.304	2,299.736	4.75	5.45
3572,611	2564,381		48453T96f	EGWO	25	3572,611	2663,982		17	T	T96f	48453T96f	EGWO	23	28	5	2	3,112.304	2,722.199	4.75	1.55
3552,511	2587,247		48488T96f	EGWO	26	3552,511	2637,46		58	T	T96f	48488T96f	EGWO	21	27	6	5	3,112.304	2,722.199	6.85	5.45
3623,982	2661,771		48496T96f	EGWO	25	3623,982	2700,587		10	T	T96f	48496T96f	EGWO	19	26	7	6	3,112.304	2,722.199	6.85	5.45
3608,247	3326,377		48496T96f	STWO	6	3608,247	3657,987		1	T	T96f	48496T96f	STWO	5	7	2	1	3,112.304	3,144.662	2.65	1.55
6698,61	4347,754		48542A09i	STWO	34	6698,61	4415,906		171	A	A09i	48542A09i	STWO	37	35	-2	-3	6,277.225	4,412.051	-1.55	-2.35
5307,592	3802,544		48607M32	STWO	40	5307,592	3099,791		73	M	M32b	48607M32b	STWO	32	29	-3	8	4,694.765	3,989.588	-3.65	9.35
3432,155	2614,447		48615T94c	EGWO	20	3432,155	2755,359		18	T	T94d	48615T94d	EGWO	20	23	3	0	3,112.304	2,722.199	2.65	1.55
3693,145	3576,572		48615T94c	STWO	5	3693,145	4249,639		174	T	T94d	48615T94d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3697,066	2647,545		48631T94c	EGWO	24	3697,066	2808,8		48	T	T94d	48631T94d	EGWO	24	28	4	0	3,112.304	2,722.199	4.75	1.55
3785,256	3834,651		48631T94c	STWO	5	3785,256	4473,736		6	T	T94d	48631T94d	STWO	5	5	0	0	3,112.304	3,989.588	0.55	1.55
3857,844	2702,534		48658T94c	EGWO	24	3857,844	2934,161		18	T	T94d	48658T94d	EGWO	25	30	5	-1	3,112.304	2,722.199	4.75	-2.35
3929,487	3866,921		48658T94c	STWO	5	3929,487	4518,841		6	T	T94d	48658T94d	STWO	5	5	0	0	4,694.765	3,989.588	0.55	1.55
3454,078	3544,341		48666T94c	STWO	5	3454,078	3910,588		28	T	T94d	48666T94d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3590,533	3571,052		48674T94c	STWO	5	3590,533	4107,249		161	T	T94d	48674T94d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3409,915	2609,844		48682T94c	EGWO	20	3409,915	2750,245		18	T	T94d	48682T94d	EGWO	17	23	6	3	3,112.304	2,722.199	6.85	1.55
3422,406	3526,406		48682T94c	STWO	5	3422,406	3871,253		36	T	T94d	48682T94d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3540,513	3547,268		48690T94c	STWO	5	3540,513	3917,269		20	T	T94d	48690T94d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3006,943	3161,008		48712T94m	STWO	5	3006,943	3558,158		512	T	T94m	48712T94m	STWO	5	5	0	0	3,112.304	3,144.662	0.55	1.55
5625,874	3978,621		48747K90c	STWO	28	5625,874	4252,436		111	K	K90d	48747K90d	STWO	30	26	-4	-2	6,277.225	3,989.588	-3.65	-2.35
5824,836	4152,366		48755E13b	STWO	21	5824,836	4641,656		12	E	E13b	48755E13b	STWO	29	29	0	-8	6,277.225	3,989.588	0.55	-6.25
5725,112	3985,987		48763E13b	STWO	21	5725,112	4509,408		80	E	E13b	48763E13b	STWO	31	28	-3	-10	6,277.225	3,989.588	-3.65	-10.15
5444,945	3880,961		48771E13b	STWO	22	5444,945	4224,188		41	E	E13b	48771E13b	STWO	33	28	-5	-11	4,694.765	3,989.588	-5.75	-10.15
5368,078	3958,366		48771E13c	STWO	34	5368,078	4315,842		25	E	E13c	48771E13c	STWO	36	29	-7	-2	4,694.765	3,989.588	-7.85	-2.35
5420,782	3952,154		48798E13b	STWO	23	5420,782	4176,799		38	E	E13b	48798E13b	STWO	37	27	-10	-14	4,694.765	3,989.588	-9.95	-14.05
6202,503	4178,946		48801E13c	STWO	34	6228,46	4716,096		55	E	E13c	48801E13c	STWO	36	31	-5	-2	6,277.225	3,989.588	-5.75	-2.35
6069,37	4108,812		48828E13b	STWO	25	6069,37	4565,673		78	E	E13b	48828E13b	STWO	36	31	-5	-11	6,277.225	3,989.588	-5.75	-10.15
6199,892	4120,986		48844E15c	STWO	26	6219,41	4570,936		492	E	E15d	48844E15d	STWO	33	31	-2	-7	6,277.225	3,989.588	-1.55	-6.25
3528,034	3453,598		48860T97c	STWO	6	3528,034	3370,021		95	T	T97d	48860T97d	STWO	5	6	1	1	3,112.304	3,567.125	0.55	1.55
3281,544	2414,62		48879T97c	EGWO	27	3281,544	2401,659		155	T	T97d	48879T97d	EGWO	22	26	4	5	3,112.304	2,299.736	4.75	5.45
3263,324	2513,271		48887T97c	EGWO	20	3263,324	2608,867		19	T	T97d	48887T97d	EGWO	20	23	3	0	3,112.304	2,722.199	2.65	1.55
3427,544	3395,745		48887T97c	STWO	6	3427,544	3310,314		96	T	T97d	48887T97d	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
3370,468	2468,303		48895T97c	EGWO	26	3370,468	2492,082		78	T	T97d	48895T97d	EGWO	22	27	5	4	3,112.304	2,299.736	4.75	5.45
3261,075	2436,419		48909T97c	EGWO	24	3261,075	2478,615		44	T	T97d	48909T97d	EGWO	20	25	5	4	3,112.304	2,299.736	4.75	5.45
3350,948	2449,146		48917T97c	EGWO	26	3350,948	2475,21		56	T	T97d	48917T97d	EGWO	22	27	5	4	3,112.304	2,299.736	4.75	5.45
3388,884	3400,787		48925T97c	STWO	5	3388,884	3297,623		54	T	T97d	48925T97d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3402,907	2523,258		48933T97c	EGWO	23	3407,015	2620,361		150	T	T97d	48933T97d	EGWO	22	26	4	1	3,112.304	2,722.199	4.75	1.55
3503,537	3458,517		48933T97c	STWO	6	3503,537	3374,908		25	T	T97d	48933T97d	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
3312,962	2512,491		48941T97c	EGWO	21	3312,962	2602,894		35	T	T97d	48941T97d	EGWO	21	24	3	0	3,112.304	2,722.199	2.65	1.55
3471,914	3413,483		48941T97c	STWO	6	3471,914	3321,231		66	T	T97d	48941T97d	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
3471,264	2525,049		48968T97c	EGWO	25	3471,264	2590,751		108	T	T97d	48968T97d	EGWO	24	27	3	1	3,112.304	2,722.199	2.65	1.55
3307,417	2579,143		48976T97c	EGWO	19	3307,417	2677,268		20	T	T97d	48976T97d	EGWO	20	22	2	-1	3,112.304	2,722.199	2.65	-2.35
3555,1	2478,554		48984T97c	EGWO	29	3555,1	2484,59		24	T	T97d	48984T97d	EGWO	27	30	3	2	3,112.304	2,299.736	2.65	1.55
3486,508	3469,454		48984T97c	STWO	6	3486,508	3382,809		40	T	T97d	48984T97d	STWO	5	5	0	1	3,112.304	3,567.125	0.55	1.55
3329,59	3362,984		48992T97c	STWO	5	3329,59	3246,324		178	T	T97d	48992T97d	STWO	5	5	0	0	3,112.304	3,567.125	0.55	1.55
3312,55	2524,901		49018T97c	EGWO	21	3312,55	2613,37		56	T	T97d	49018T97d	EGWO	18	24	6	3	3,112.304	2,722.199	6.85	1.55
3481,927	2604,109		49026T97c	EGWO	22	3481,927	2720,94		62	T	T97d	49026T97d	EGWO	21	25	4	1	3,112.304	2,722.199	4.75	1.55

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4764,941	2757,679	[redacted]	51918N65c	EGWO	38	4764,941	2801,213	[redacted]	10	N	N65c	51918N65c	EGWO	35	38	3	3	4,694.765	2,722.199	2.65	1.55
4634,805	3806,706		51918N65c	STWO	14	4634,805	3970,282		55	N	N65c	51918N65c	STWO	21	18	-3	-7	4,694.765	3,989.588	-3.65	-6.25
4037,865	3672,069		51926N65c	STWO	10	4037,865	3512,413		45	N	N65c	51926N65c	STWO	16	10	-6	-6	4,694.765	3,567.125	-5.75	-6.25
4499,556	3765,919		51934N65c	STWO	13	4499,556	3893,028		30	N	N65c	51934N65c	STWO	20	16	-4	-7	4,694.765	3,567.125	-3.65	-6.25
4603,073	3809,252		51969N65c	STWO	13	4603,073	4002,311		63	N	N65c	51969N65c	STWO	20	17	-3	-7	4,694.765	3,989.588	-3.65	-6.25
4221,317	3592,929		52000T98a	STWO	19	4221,317	4224,812		15	T	T98a	52000T98a	STWO	17	19	2	2	4,694.765	3,567.125	2.65	1.55
9566,154			52027K47c	EGWO	49	9566,154	2362,272		1	K	K47c	52027K47c	EGWO		49			9,442.146			
7996,805			52027K47f	EGWO	49	7996,805	3158,972		1	K	K47f	52027K47f	EGWO	49	49	0	0	7,859.686		0.55	1.55
5820,627	4198,654		52027K47f	STWO	49	5820,627	2553,264		6	K	K47f	52027K47f	STWO	48	46	-2	1	6,277.225	3,989.588	-1.55	1.55
6115,461	3427,137		52035M33h	EGWO	42	6115,461	3518,124		18	M	M33h	52035M33h	EGWO	46	44	-2	-4	6,277.225	3,567.125	-1.55	-2.35
4543,527	3714,615		52035M33h	STWO	15	4543,527	3779,891		71	M	M33h	52035M33h	STWO	21	17	-4	-6	4,694.765	3,567.125	-3.65	-6.25
5096,661	3966,728		52043M33h	STWO	13	5096,661	4510,387		112	M	M33h	52043M33h	STWO	26	21	-5	-13	4,694.765	3,989.588	-5.75	-14.05
4863,421	3817,394		52051M33h	STWO	17	4863,421	3954,21		92	M	M33h	52051M33h	STWO	24	20	-4	-7	4,694.765	3,989.588	-3.65	-6.25
5073,422	3964,007		52078M33h	STWO	13	5073,422	4514,716		80	M	M33h	52078M33h	STWO	25	21	-4	-12	4,694.765	3,989.588	-3.65	-10.15
5322,423	3930,155		52086M33h	STWO	23	5322,423	3993,163		93	M	M33h	52086M33h	STWO	28	25	-3	-5	4,694.765	3,989.588	-3.65	-6.25
5774,175	4112,311		52094M33h	STWO	21	5774,175	4583,09		114	M	M33h	52094M33h	STWO	30	27	-3	-9	6,277.225	3,989.588	-3.65	-10.15
6303,445	4266,197		52116A09i	STWO	31	6303,445	4701,241		109	A	A09i	52116A09i	STWO	34	32	-2	-3	6,277.225	4,412.051	-1.55	-2.35
6588,908	4110,378		52124A09i	STWO	41	6588,908	3601,28		71	A	A09i	52124A09i	STWO	40	38	-2	1	6,277.225	3,989.588	-1.55	1.55
4469,513	2850,522		52167F77c	EGWO	35	4469,513	2828,777		23	F	F77c	52167F77c	EGWO	32	36	4	3	4,694.765	2,722.199	4.75	1.55
4450,707	2738,363		52175F77c	EGWO	35	4450,707	2720,332		9	F	F77c	52175F77c	EGWO	34	36	2	1	4,694.765	2,722.199	2.65	1.55
4415,073	2747,913		52183F77c	EGWO	35	4415,073	2753,664		6	F	F77c	52183F77c	EGWO	32	36	4	3	4,694.765	2,722.199	4.75	1.55
4473,504	2854,974		52191F77c	EGWO	35	4473,504	2827,32		10	F	F77c	52191F77c	EGWO	31	36	5	4	4,694.765	2,722.199	4.75	5.45
4256,519	2782,08		52205F77c	EGWO	35	4256,519	2775,54		16	F	F77c	52205F77c	EGWO	30	35	5	5	4,694.765	2,722.199	4.75	5.45
4627,321	2952,881		52213F77c	EGWO	35	4627,321	2964,665		8	F	F77c	52213F77c	EGWO	32	36	4	3	4,694.765	3,144.662	4.75	1.55
4470,221	2968,045		52221F77c	EGWO	35	4470,221	2906,458		5	F	F77c	52221F77c	EGWO	30	34	4	5	4,694.765	3,144.662	4.75	5.45
4775,456	2944,074		52264N66g	EGWO	34	4775,456	3131,754		15	N	N66g	52264N66g	EGWO	33	38	5	1	4,694.765	3,144.662	4.75	1.55
4150,282	2631,862		52272N66g	EGWO	38	4150,282	2558,617		13	N	N66g	52272N66g	EGWO	32	37	5	6	4,694.765	2,722.199	4.75	5.45
4023,551	2711,063		52280N66g	EGWO	33	4023,551	2713,927		6	N	N66g	52280N66g	EGWO	32	33	1	1	4,694.765	2,722.199	0.55	1.55
4021,739	2710,688		52299N66g	EGWO	33	4021,739	2713,927		6	N	N66g	52299N66g	EGWO	32	33	1	1	4,694.765	2,722.199	0.55	1.55
3936,675	2600,201		52302N66g	EGWO	36	3936,675	2507,31		11	N	N66g	52302N66g	EGWO	34	34	0	2	4,694.765	2,722.199	0.55	1.55
4597,813	3884,229		52310N66g	STWO	8	4597,813	4237,435		88	N	N66g	52310N66g	STWO	14	15	1	-6	4,694.765	3,989.588	0.55	-6.25
4511,812	3886,871		52329N66g	STWO	7	4511,812	4264,581		78	N	N66g	52329N66g	STWO	10	14	4	-3	4,694.765	3,989.588	4.75	-2.35
4330,058	2871,571		52337N66g	EGWO	34	4330,058	2797,149		6	N	N66g	52337N66g	EGWO	31	34	3	3	4,694.765	2,722.199	2.65	1.55
4236,536	3696,916		52337N66g	STWO	8	4236,536	3927,23		100	N	N66g	52337N66g	STWO	15	13	-2	-7	4,694.765	3,567.125	-1.55	-6.25
3780,559	2559,571		52345N66g	EGWO	32	3780,559	2556,034		18	N	N66g	52345N66g	EGWO	33	32	-1	-1	3,112.304	2,722.199	-1.55	-2.35
4020,113	2617,399		52353N66g	EGWO	36	4020,113	2560,304		22	N	N66g	52353N66g	EGWO	32	35	3	4	4,694.765	2,722.199	2.65	5.45
3870,419	2599,645		52361N66g	EGWO	33	3870,419	2582,782		20	N	N66g	52361N66g	EGWO	33	33	0	0	3,112.304	2,722.199	0.55	1.55
3861,498	2615,009		52388N66g	EGWO	33	3861,498	2603,974		10	N	N66g	52388N66g	EGWO	33	32	-1	0	3,112.304	2,722.199	-1.55	1.55
4169,474	2630,726		52396N66g	EGWO	37	4169,474	2609,485		9	N	N66g	52396N66g	EGWO	35	37	2	2	4,694.765	2,722.199	2.65	1.55
4105,913	3625,571		52434N66g	STWO	8	4105,913	3973,58		147	N	N66g	52434N66g	STWO	10	12	2	-2	4,694.765	3,567.125	2.65	-2.35
4979,075	4007,928		52442N60c	STWO	27	4979,075	4325,834		15	N	N60c	52442N60c	STWO	20	19	-1	7	4,694.765	3,989.588	-1.55	5.45
4955,611	3995,375		52469N60c	STWO	27	4955,611	4293,563		15	N	N60c	52469N60c	STWO	19	19	0	8	4,694.765	3,989.588	0.55	9.35
5338,206	2896,05		52477N70f	EGWO	47	5338,206	2827,327		23	N	N70f	52477N70f	EGWO	43	46	3	4	4,694.765	2,722.199	2.65	5.45
5155,733	3955,067		52477N70f	STWO	7	5155,733	4828,343		67	N	N70f	52477N70f	STWO	18	19	1	-11	4,694.765	3,989.588	0.55	-10.15
5026,517	4034,029		52485N60c	STWO	27	5026,517	4306,89		15	N	N60c	52485N60c	STWO	20	20	0	7	4,694.765	3,989.588	0.55	5.45
5204,861			52515M29	EGWO	49	5204,861			1	M	M29c	52515M29c	EGWO	49	49	0	0	4,694.765		0.55	1.55
6593,035	3952,189		52515M29	STWO	45	6593,035	3614,053		48	M	M29c	52515M29c	STWO	42	40	-2	3	6,277.225	3,989.588	-1.55	1.55
4828,006	3547,095		52523K91c	STWO	33	4828,006	3140,859		138	K	K91c	52523K91c	STWO	32	27	-5	1	4,694.765	3,567.125	-5.75	1.55
5146,066	3709,027		52531K91c	STWO	33	5146,066	3464,464		102	K	K91c	52531K91c	STWO	31	28	-3	2	4,694.765	3,567.125	-3.65	1.55
3940,842	2528,081		52566F84a	EGWO	37	3940,842	2361,362		42	F	F84a	52566F84a	EGWO	32	34	2	5	4,694.765	2,722.199	2.65	5.45
4102,474	3564,935		52566F84a	STWO	14	4102,474	3599,651		48	F	F84a	52566F84a	STWO	15	13	-2	-1	4,694.765	3,567.125	-1.55	-2.35
4035,221	2634,579		52574F84a	EGWO	34	4035,221	2574,271		32	F	F84a	52574F84a	EGWO	33	34	1	1	4,694.765	2,722.199	0.55	1.55
3987,326	3510,008		52574F84a	STWO	24	3987,326	2920,954		12	F	F84a	52574F84a	STWO	12	12	0	12	4,694.765	3,567.125	0.55	13.25
4323,578	2710,638		52582F84a	EGWO	39	4323,578	2607,536		16	F	F84a	52582F84a	EGWO	34	37	3	5	4,694.765	2,722.199	2.65	5.45
4004,579	3382,573		52582F84a	STWO	24	4004,579	2654,105		5	F	F84a	52582F84a	STWO	16	15	-1	8	4,694.765	3,567.125	-1.55	9.35
3832,358	3327,723		52590F84a	STWO	24	3832,358	2574,175		16	F	F84a	52590F84a	STWO	18	13	-5	6	3,112.304	3,144.662	-5.75	5.45
3913,043	2606,792		52612F84a	EGWO	32	3913,043	2648,9		14	F	F84a	52612F84a	EGWO	33	33	0	-1	4,694.765	2,722.199	0.55	-2.35
3898,096	3595,388		52612F84a	STWO	14	3898,096	3626,242		46	F	F84a	52612F84a	STWO	13	9	-4	1	3,112.304	3,567.125	-3.65	1.55
3928,33	2583,376		52620F84a	EGWO	37	3928,33	2461,219		35	F	F84a	52620F84a	EGWO	31	34	3	6	4,694.765	2,722.199	2.65	5.45
3707,823	3371,875		52620F84a	STWO	24	3707,823	2726,125		10	F	F84a	52620F84a	STWO	15	9	-6	9	3,112.304	3,567.125	-5.75	9.35
3842,928	2604,544		52639F84a	EGWO	33	3842,928	2545,45		38	F	F84a	52639F84a	EGWO	31	32	1	2	3,112.304	2,722.199	0.55	1.55
3838,336	3443,582		52639F84a	STWO	24	3838,336	2837,975		22	F	F84a	52639F84a	STWO	14	10	-4	10	3,112.304	3,567.125	-3.65	9.35
3971,752	2583,059		52647F84a	EGWO	37	3971,752	2466,182		36	F	F84a	52647F84a	EGWO	32	35	3	5	4,694.765	2,722.199	2.65	5.45
4068,855	3400,739		52647F84a	STWO	24	4068,855	2707,001		6	F	F84a	52647F84a	STWO	17	16	-1	7	4,694.765	3,567.125	-1.55	5.45
3838,688	2597,58		52655F84a	EGWO	33	3838,688	2572,25		44	F	F84a	52655F84a	EGWO	31	32	1	2	3,112.304	2,722.199	0.55	1.55
3806,32	3476,395		52655F84a	STWO	16	3806,32	3324,119		92	F	F84a	52655F84a	STWO	14	9	-5	2	3,112.304	3,567.125	-5.75	1.55
4180,351	2670,234		52663F84a	EGWO	37	4180,351	2623,882		38	F	F84a	52663F84a	EGWO	33	36	3	4	4,694.765	2,722.199	2.65	5.45
3831,567	2583,54		52671F84a	EGWO	36	3831,567	2431,603		36	F	F84a	52671F84a	EGWO	30	33	3	6	3,112.304	2,722.199	2.65	5.45
3962,771	3376,701		52671F84a	STWO	24	3962,771	2652,911		12	F	F84a	52671F84a	STWO	18	15	-3	6	4,694.765	3,567.125	-3.65	5.45
3815,856	3339,694		52698F84a	STWO	19	3815,856	2581,545		4	F	F84a	52698F84a	STWO	13	11	-2	6	3,112.304	3,144.662	-1.55	5.45
3970,404	3368,501		52701F84a	STWO	19	3970,404	2590,086		4	F	F84a	52701F84a	STWO	13	11	-2	6	4,694.765	3,567.125	-1.55	5.45
3785,899	3331,471		52728F84a	STWO	19	3785,899	2576,53		4	F	F84a	52728F84a	STWO	13	11	-2	6	3,112.304	3,144.662	-1.55	5.45
4696,698	2893,285		52736F84a	EGWO	35	4696,698	3073,089		19	F	F84a	52736F84a	EGWO	34	38	4	1	4,694.765	2,722.199	4.75	1.55
5445,982	4766,111		52833F11f	STWO		5445,982	3621,639		212	F	F11f	52833F11f	STWO					4,694.765	4,834.514		
5329,199	4798,747		52841F11f	STWO		5329,199	3645,459		447	F	F11f	52841F11f	STWO					4,694.765	4,834.514		
5371,429	3761,098		52868F11a	STWO		5371,429	2787,18		2	F	F11a	52868F11a	STWO					4,694.765	3,567.125		
7477,572	4397,113		53058A08c	STWO	43	7477,572	4254,386		65	A	A08d	53058A08d	STWO	46	42	-4	-3	7,859.686	4,412.051	-3.65	-2.35
6275,889	4168,026		53082A09c	STWO	40	6275,889	3782,423		87	A	A09d	53082A09d	STWO	36	33	-3	4	6,277.225	3,989.588	-3.65	5.45
5964,472	3999,806		53090A09c	STWO	44	5964,472	3383,394		68	A	A09d	53090A09d	STWO	37	34	-3	7	6,277.225	3,989.588	-3.65	5.45
6044,251	4021,492		53104A09c	STWO	36	6044,251	3442,416		91	A	A09c	53104A09c	STWO	36	33	-3	0	6,277.225	3,989.588	-3.65	1.55
3866,279	3216,298		53120N72a	STWO	43	3866,279	2157,19		1	N	N72a	53120N72a	STWO					3,112.304	3,144.662		
4736,398	2683,562		53139N70c	EGWO	48	4736,398	2469,011		12	N	N70d	53139N70d	EGWO	39	43	4	9	4,694.765	2,722.199	4.75	9.35
6471,179	4131,039		53147K54c	STWO	44	6506,596	3661,364		32	K	K54d	53147K54d	STWO	41	39	-2	3	6,277.225	3,989.588	-1.55	1.55
5346,025	3736,835		53171M55c	STWO	32	5346,025	3804,594		64	M	M55c	53171M55c	STWO	30	35	5	2	4,694.765	3,567.125	4.75	1.55
6020,735	3937,555		53198M55c	STWO	35	6020,735	3878,146		16	M	M55c	53198M55c	STWO	31	35	4	4	6,277.225	3,989.588	4.75	5.45
5699,279	3872,694		53201M55c	STWO	32	5699,279	3838,725		45	M	M55c	53201M55c	STWO	31	32	1	1	6,277.225	3,989.588	0.55	1.55
5872,868	2898,876		53236M55c	EGWO	49	5872,868	2521,672		20	M	M55c	53236M55c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5944,961	2938,608		53244M55c	EGWO	49	5944,961	2528,808		20	M	M55c	53244M55c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5709,768	3883,459		53244M55c	STWO	32	5709,768	3834,478		53	M	M55c	53244M55c	STWO	30	32	2	2	6,277.225	3,989.588	2.65	1.55
5786,486	3824,603		53252M55c	STWO	33	5786,486	3823,813		85	M	M55c	53252M55c	STWO	33	34	1	0	6,277.225	3,989.588	0.55	1.55
6744,641	4196,507		53279A09h	STWO	34	6744,641	4607,05		28	A	A09h	53279A09h	STWO	38	37	-1	-4	6,277.225	3,989.588	-1.55	-2.35
6945,613	4357,799		53287A09h	STWO	35	6945,613	4376,289		27	A	A09h	53287A09h	STWO	37	36	-1	-2	6,277.225	4,412.051	-1.55	-2.35
7019,143	4369,772		53295A09h	STWO	34	7019,143	4610,168		23	A	A09h	53295A09h	STWO	39	38	-1	-5	6,277.225	4,412.051	-1.55	-6.25
6628,751	4075,106		53317A09c	STWO	36	6628,751	4045,326		138	A	A09c	53317A09c	STWO	37	39	2	-1	6,277.225	3,989.588	2.65	-2.35
6098,105	4006,948		53325A09c	STWO	36	6098,105	3530,805		64	A	A09c	53325A09c	STWO	35	34	-1	1	6,277.225	3,989.588	-1.55	1.55
3924,583	2659,881		53341F79b	EGWO	31	3924,583	2724,23		30	F	F79b	53341F79b	EGWO	27	32	5	4	4,694.765	2,722.199	4.75	5.45
4089,856	3705,089		53341F79b	STWO	7	4089,856	3911,757		74	F	F79b	53341F79b	STWO	12	9	-3	-5	4,694.765	3,567.125	-3.65	-6.25
4274,83	2872,118		53368F79b	EGWO	32	4274,83	2894,369		16	F	F79b	53368F79b	EGWO	35	33	-2	-3	4,694.765	2,722.199	-1.55	-2.35
4292,829	2679,047		53376F79b	EGWO	32	4292,829	2823,257		60	F	F79b	53376F79b	EGWO	30	36	6	2	4,694.765	2,722.199	6.85	1.55
4445,187	3446,532		53376F79b	STWO	10	4445,187	2622,098		3	F	F79b	53376F79b	STWO	13	12	-1	-3	4,694.765	3,567.125	-1.55	-2.35
4244,109	2692,848		53384F79b	EGWO	29	4244,109	3021,366		48	F	F79b	53384F79b	EGWO	28	34	6	1	4,694.765	2,722.199	6.85	1.55
3849,644	3313,285		53384F79b	STWO	10	3849,644	2487,82		3	F	F79b	53384F79b	STWO	13	12	-1	-3	3,112.304	3,144.662	-1.55	-2.35
4044,407	2860,434		53392F79b	EGWO	30	4044,407	2942,547		46	F	F79b	53392F79b	EGWO	25	32	7	5	4,694.765	2,722.199	6.85	5.45

4322,499	2705,01	[redacted]	53406F79b	EGWO	36	4322,499	2561,568	[redacted]	47	F	F79b	53406F79b	EGWO	31	37	6	5	4,694.765	2,722.199	6.85	5.45
4093,355	2721,716		53414F79b	EGWO	31	4097,212	2752,28		42	F	F79b	53414F79b	EGWO	30	31	1	1	4,694.765	2,722.199	4.75	1.55
4024,725	2567,999		53422F79b	EGWO	35	4024,725	2599,477		93	F	F79b	53422F79b	EGWO	31	36	5	4	4,694.765	2,722.199	4.75	5.45
4671,429	3504,48		53422F79b	STWO	10	4671,429	2926,625		1	F	F79b	53422F79b	STWO	13	12	-1	-3	4,694.765	3,567.125	-1.55	-2.35
3966,722	2525,336		53430F79b	EGWO	38	3966,722	2440,841		108	F	F79b	53430F79b	EGWO	31	36	5	7	4,694.765	2,722.199	4.75	5.45
4178,571	3617,442		53430F79b	STWO	10	4178,571	3378,945		2	F	F79b	53430F79b	STWO	13	12	-1	-3	4,694.765	3,567.125	-1.55	-2.35
3909,783	2590,383		53449F79b	EGWO	34	3909,783	2567,879		120	F	F79b	53449F79b	EGWO	30	34	4	4	4,694.765	2,722.199	4.75	5.45
4893,798	3845,832		53449F79b	STWO	10	4893,798	3177,193		3	F	F79b	53449F79b	STWO	13	12	-1	-3	4,694.765	3,989.588	-1.55	-2.35
4541,836	2750,08		53457F79b	EGWO	37	4541,836	2847,829		23	F	F79b	53457F79b	EGWO	32	40	8	5	4,694.765	2,722.199	8.95	5.45
4255,388	2671,502		53473F79b	EGWO	36	4255,388	2726,662		20	F	F79b	53473F79b	EGWO	35	37	2	1	4,694.765	2,722.199	2.65	1.55
4525,581	3818,315		53481F79b	STWO	9	4525,581	4139,867		43	F	F79b	53481F79b	STWO	14	16	2	-5	4,694.765	3,989.588	2.65	-6.25
4252,583	2682,204		53503F79b	EGWO	34	4252,583	2798,128		13	F	F79b	53503F79b	EGWO	33	37	4	1	4,694.765	2,722.199	4.75	1.55
4614,606	3067,067		53538F88b	EGWO	32	4614,606	3252,726		14	F	F88b	53538F88b	EGWO	28	34	6	4	4,694.765	3,144.662	6.85	5.45
4763,769	3556,019		53538F88b	STWO	26	4763,769	3527,761		103	F	F88b	53538F88b	STWO	26	25	-1	0	4,694.765	3,567.125	-1.55	1.55
4486,242	2855,161		53546F88b	EGWO	36	4486,242	2890,231		27	F	F88b	53546F88b	EGWO	32	36	4	4	4,694.765	2,722.199	4.75	5.45
4512,193	2866,842		53554F88b	EGWO	36	4512,193	2895,423		27	F	F88b	53554F88b	EGWO	32	37	5	4	4,694.765	2,722.199	4.75	5.45
4341,807	2594,521		53562F88b	EGWO	42	4341,807	2435,997		31	F	F88b	53562F88b	EGWO	37	40	3	5	4,694.765	2,722.199	2.65	5.45
4789,547	3489,698		53570F88b	STWO	27	4789,547	3408,849		92	F	F88b	53570F88b	STWO	27	26	-1	0	4,694.765	3,567.125	-1.55	1.55
4336,446	2587,665		53589F88b	EGWO	42	4336,446	2448,184		37	F	F88b	53589F88b	EGWO	37	40	3	5	4,694.765	2,722.199	2.65	5.45
4488,517	2895,036		53597F88b	EGWO	34	4488,517	2930,618		28	F	F88b	53597F88b	EGWO	31	37	6	3	4,694.765	2,722.199	6.85	1.55
4476,994	2848,567		53600F88b	EGWO	36	4476,994	2869,534		25	F	F88b	53600F88b	EGWO	32	37	5	4	4,694.765	2,722.199	4.75	5.45
4859,441	3119,282		53619F88b	EGWO	32	4859,441	3341,17		13	F	F88b	53619F88b	EGWO	28	36	8	4	4,694.765	3,144.662	8.95	5.45
4444,497	2845,067		53635N67b	EGWO	37	4444,497	2692,488		15	N	N67b	53635N67b	EGWO	32	35	3	5	4,694.765	2,722.199	2.65	5.45
4572,008	2822,763		53643N67b	EGWO	39	4572,008	2564,943		36	N	N67b	53643N67b	EGWO	35	38	3	4	4,694.765	2,722.199	2.65	5.45
4390,848	2735,841		53651N67b	EGWO	41	4390,848	2512,604		64	N	N67b	53651N67b	EGWO	35	37	2	6	4,694.765	2,722.199	2.65	5.45
4720,761	3136,997		53678N67b	EGWO	36	4720,761	2996,718		4	N	N67b	53678N67b	EGWO	32	35	3	4	4,694.765	3,144.662	2.65	5.45
4072,022	2727,656		53686N67b	EGWO	33	4072,022	2707,368		77	N	N67b	53686N67b	EGWO	28	33	5	5	4,694.765	2,722.199	4.75	5.45
4427,846	2677,068		53694N67b	EGWO	41	4427,846	2592,447		52	N	N67b	53694N67b	EGWO	37	40	3	4	4,694.765	2,722.199	2.65	5.45
4156,858	2749,466		53708N67b	EGWO	34	4156,858	2726,236		10	N	N67b	53708N67b	EGWO	30	34	4	4	4,694.765	2,722.199	4.75	5.45
3933,703	2712,716		53716N67b	EGWO	31	3933,703	2740,74		22	N	N67b	53716N67b	EGWO	28	31	3	3	4,694.765	2,722.199	2.65	1.55
4162,011	2769,408		53724N67b	EGWO	34	4162,011	2758,613		40	N	N67b	53724N67b	EGWO	30	33	3	4	4,694.765	2,722.199	2.65	5.45
4216,667	2857,443		53732N67b	EGWO	33	4216,667	2821,727		6	N	N67b	53732N67b	EGWO	30	32	2	3	4,694.765	2,722.199	2.65	1.55
4144,895	2772,991		53740N67b	EGWO	34	4144,895	2752,007		18	N	N67b	53740N67b	EGWO	30	33	3	4	4,694.765	2,722.199	2.65	5.45
4484,594	2791,476		53767F77c	EGWO	40	4484,594	2678,913		7	F	F77d	53767F77d	EGWO	34	38	4	6	4,694.765	2,722.199	4.75	5.45
3755,635	3523,092		53767F77c	STWO	6	3755,635	3679,91		51	F	F77d	53767F77d	STWO	5	6	1	1	3,112.304	3,567.125	0.55	1.55
5416,205	3724,774		53791M33	STWO	29	5424,575	3766,867		80	M	M33g	53791M33g	STWO	32	31	-1	-3	4,694.765	3,567.125	-1.55	-2.35
5012,361	3728,015		53805M33	STWO	23	5012,361	3834,489		105	M	M33g	53805M33g	STWO	29	26	-3	-6	4,694.765	3,567.125	-3.65	-6.25
3415,88	2416,979		53848N66c	EGWO	30	3415,88	2400,203		33	N	N66c	53848N66c	EGWO	27	29	2	3	3,112.304	2,299.736	2.65	1.55
3584,562	2447,863		53856N66c	EGWO	30	3584,562	2484,343		86	N	N66c	53856N66c	EGWO	29	31	2	1	3,112.304	2,299.736	2.65	1.55
3565,217	3152,697		53856N66c	STWO	33	3565,217	2188,21		2	N	N66c	53856N66c	STWO	14	14	0	19	3,112.304	3,144.662	0.55	17.15
3951,719	2671,775		53864N66c	EGWO	30	3951,719	2773,928		71	N	N66c	53864N66c	EGWO	27	32	5	3	4,694.765	2,722.199	4.75	1.55
3778,167	3255,124		53864N66c	STWO	36	3778,167	2411,273		18	N	N66c	53864N66c	STWO	13	14	1	23	3,112.304	3,144.662	0.55	21.05
3927,297	2672,277		53872N66c	EGWO	30	3927,297	2742,174		87	N	N66c	53872N66c	EGWO	27	32	5	3	4,694.765	2,722.199	4.75	1.55
3833,351	3307,556		53872N66c	STWO	35	3833,351	2498,998		25	N	N66c	53872N66c	STWO	13	14	1	22	3,112.304	3,144.662	0.55	21.05
3295,239	2419,931		53880T93b	EGWO	25	3295,239	2464,083		20	T	T93b	53880T93b	EGWO	21	27	6	4	3,112.304	2,299.736	6.85	5.45
4009,455	3632,169		53899T93b	STWO	5	4009,455	4078,74		44	T	T93b	53899T93b	STWO	11	10	-1	-6	4,694.765	3,567.125	-1.55	-6.25
3553,352	2542,08		53902T93b	EGWO	25	3553,352	2674,129		29	T	T93b	53902T93b	EGWO	24	28	4	1	3,112.304	2,722.199	4.75	1.55
4963,47	3690,558		53937F87a	STWO	28	4963,47	3525,368		356	F	F87a	53937F87a	STWO	27	26	-1	1	4,694.765	3,567.125	-1.55	1.55
5001,713	3630,473		53945F87a	STWO	31	5001,713	3448,745		123	F	F87a	53945F87a	STWO	28	27	-1	3	4,694.765	3,567.125	-1.55	1.55
5051,707	3667,468		53953F87a	STWO	31	5051,707	3461,057		255	F	F87a	53953F87a	STWO	28	27	-1	3	4,694.765	3,567.125	-1.55	1.55
4024,716	2786,996		53988N66c	EGWO	28	4024,716	2873,131		12	N	N66c	53988N66c	EGWO	25	30	5	3	4,694.765	2,722.199	4.75	1.55
4190,074	2857,502		53996N66c	EGWO	31	4190,074	2914,485		17	N	N66c	53996N66c	EGWO	26	32	6	5	4,694.765	2,722.199	6.85	5.45
3549,369	2404,824		54003N66c	EGWO	33	3549,369	2354,895		58	N	N66c	54003N66c	EGWO	30	32	2	3	3,112.304	2,299.736	2.65	1.55
3502,258	2394,807		54011N66c	EGWO	31	3502,258	2333,064		19	N	N66c	54011N66c	EGWO	34	32	-2	-3	3,112.304	2,299.736	-1.55	-2.35
4237,886			54038N66c	EGWO	29	4237,886	2889,628		5	N	N66c	54038N66c	EGWO	29	32	3	0	4,694.765		2.65	1.55
3969	2482,551		54062F88e	EGWO	41	3969	2347,327		20	F	F88e	54062F88e	EGWO	34	37	3	7	4,694.765	2,299.736	2.65	5.45
4162,556	2583,385		54070F88f	EGWO	40	4162,556	2501,704		41	F	F88f	54070F88f	EGWO	35	38	3	5	4,694.765	2,722.199	2.65	5.45
4802,959	3556,257		54070F88f	STWO	23	4802,959	2770,132		4	F	F88f	54070F88f	STWO	23	21	-2	0	4,694.765	3,567.125	-1.55	1.55
4236,56	2703,273		54097F88f	EGWO	35	4236,56	2754,399		69	F	F88f	54097F88f	EGWO	32	36	4	3	4,694.765	2,722.199	4.75	1.55
4266,147	2657,955		54100F88f	EGWO	40	4266,147	2574,935		74	F	F88f	54100F88f	EGWO	34	38	4	6	4,694.765	2,722.199	4.75	5.45
4404,415	3508,477		54100F88f	STWO	20	4404,415	3542,519		208	F	F88f	54100F88f	STWO	24	21	-3	-4	4,694.765	3,567.125	-3.65	-2.35
3958,483	2617,787		54119F88f	EGWO	36	3958,483	2517,46		71	F	F88f	54119F88f	EGWO	32	34	2	4	4,694.765	2,722.199	2.65	5.45
4332,817	2754,563		54143F88f	EGWO	38	4332,817	2687,33		89	F	F88f	54143F88f	EGWO	32	36	4	6	4,694.765	2,722.199	4.75	5.45
4741,132	2979,673		54151F88f	EGWO	34	4741,132	2939,522		43	F	F88f	54151F88f	EGWO	34	38	4	0	4,694.765	3,144.662	4.75	1.55
4453,319	2767,549		54178F88f	EGWO	37	4453,319	2796,633		40	F	F88f	54178F88f	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
4191,964	2670,976		54186F88f	EGWO	39	4191,964	2576,728		23	F	F88f	54186F88f	EGWO	32	36	4	7	4,694.765	2,722.199	4.75	5.45
4125,562	2561,475		54194F88f	EGWO	40	4125,562	2478,267		28	F	F88f	54194F88f	EGWO	34	38	4	6	4,694.765	2,722.199	4.75	5.45
4140	2722,017		54208F88f	EGWO	38	4140	2979,03		4	F	F88f	54208F88f	EGWO	34	37	3	4	4,694.765	2,722.199	2.65	5.45
4246,203	2670,769		54216F88f	EGWO	40	4246,203	2553,457		22	F	F88f	54216F88f	EGWO	34	37	3	6	4,694.765	2,722.199	2.65	5.45
4382,361	2703,956		54224F88f	EGWO	39	4382,361	2671,586		51	F	F88f	54224F88f	EGWO	35	38	3	4	4,694.765	2,722.199	2.65	5.45
4248,73	2558,389		54232F88f	EGWO	43	4248,73	2406,134		40	F	F88f	54232F88f	EGWO	37	40	3	6	4,694.765	2,722.199	2.65	5.45
4853,419	3732,13		54232F88f	STWO	21	4853,419	3860,291		26	F	F88f	54232F88f	STWO	18	23	5	3	4,694.765	3,567.125	4.75	1.55
7368,887	4269,64		54267A07c	STWO	46	7368,887	3315,204		27	A	A07d	54267A07d	STWO	45	42	-3	1	7,859.686	4,412.051	-3.65	1.55
4254,343	2716,42		54283F88e	EGWO	38	4254,343	2618,423		57	F	F88e	54283F88e	EGWO	32	35	3	6	4,694.765	2,722.199	2.65	5.45
4737,374	3459,701		54283F88e	STWO	16	4737,374	2558,372		1	F	F88e	54283F88e	STWO	17	16	-1	-1	4,694.765	3,567.125	-1.55	-2.35
4297,648	2694,849		54291F88e	EGWO	39	4297,648	2630,599		148	F	F88e	54291F88e	EGWO	34	37	3	5	4,694.765	2,722.199	2.65	5.45
4288,269	2654,849		54305F88e	EGWO	38	4288,269	2503,959		65	F	F88e	54305F88e	EGWO	34	37	3	4	4,694.765	2,722.199	2.65	5.45
4325,111	2791,923		54348F88e	EGWO	36	4325,111	2781,419		18	F	F88e	54348F88e	EGWO	32	36	4	4	4,694.765	2,722.199	4.75	5.45
4351,243	3454,383		54348F88e	STWO	21	4351,243	2558,835		16	F	F88e	54348F88e	STWO	17	21	4	4	4,694.765	3,567.125	4.75	5.45
4227,71	2597,382		54356F88e	EGWO	42	4227,71	2467,522		58	F	F88e	54356F88e	EGWO	35	39	4	7	4,694.765	2,722.199	4.75	5.45
4238,485	2646,145		54364F88e	EGWO	39	4238,485	2599,534		3	F	F88e	54364F88e	EGWO	34	37	3	5	4,694.765	2,722.199	2.65	5.45
4201,703	2625,61		54372F88e	EGWO	39	4201,703	2529,662		59	F	F88e	54372F88e	EGWO	33	37	4	6	4,694.765	2,722.199	4.75	5.45
4035,248	3401,589		54372F88e	STWO	14	4035,248	3455,585		96	F	F88e	54372F88e	STWO	16	16	0	-2	4,694.765	3,567.125	0.55	-2.35
4032,545	2531,725		54380F88e	EGWO	40	4032,545	2410,219		7	F	F88e	54380F88e	EGWO	33	37	4	7	4,694.765	2,722.199	4.75	5.45
5399,269	4157,282		54380F88f	STWO	28	5399,269	3595,887		54	F	F88f	54380F88f	STWO	21	20	-1	7	4,694.765	3,989.588	-1.55	5.45
4148,89	3339,965		54380F88g	STWO	26	4148,89	3086,242		51	F	F88g	54380F88g	STWO	20	19	-1	6	4,694.765	3,144.662	-1.55	5.45
4039,637	2532,712		54380F88h	EGWO	41	4039,637	2384,952		39	F	F88h	54380F88h	EGWO	34	37	3	7	4,694.765	2,722.199	2.65	5.45
4285,077	2550,193		54380F88i	EGWO	43	4285,077	2339,404		29	F	F88i	54380F88i	EGWO	37	40	3	6	4,694.765	2,722.199	2.65	5.45
5720,134			54380F88i	STWO	18	5720,134	4885,681		13	F	F88i	54380F88i	STWO	20	20	0	-2	6,277.225		0.55	-2.35
5059,756	3976,594		54437F88g	STWO	26	5059,756	3708,605		32	F	F88g	54437F88g	STWO	22	21	-1	4	4,694.765	3,989.588	-1.55	5.45
4082,491	3457,229		54445F88g	STWO	16	4082,491	3420,193		101	F	F88g	54445F88g	STWO	16	15	-1	0	4,694.765	3,567.125	-1.55	1.55
4076,752	3296,344		54453F88g	STWO	24	4076,752	3106,782		140	F	F88g	54453F88g	STWO	20	19	-1	4	4,694.765	3,144.662	-1.55	5.45
4224,99	3400,251		54461F88g	STWO	18	4224,99	3335,225		20	F	F88g	54461F88g	STWO	18	17	-1	0	4,694.765	3,567.125	-1.55	1.55
4102,87	3419,844		54488F88g	STWO	17	4102,87	3345,009		45	F	F88g	54488F88g	STWO	19	16	-3	-2	4,694.765	3,567.125	-3.65	-2.35
5573,677	3768,05		54496M33	STWO	36	5573,677	3559,534		399	M	M33d	54496M33d	STWO	35	33	-2	1	6,277.225	3,567.125	-1.55	1.55
5942,812	3842,071		54518M33	STWO	39	5942,812	2683,639		27	M	M33d	54518M33d	STWO	38	36	-2	1	6,277.225	3,989.588	-1.55	1.55
5147,548	3839,181		54526M33	STWO	29	5147,548	3794,218		182	M	M33d	54526M33d	STWO	32	27	-5	-3	4,694.765	3,989.588	-5.75	-2.35
5217,211	3929,521		54534M33	STWO	34	5217,211	3459,77		26	M	M33d	54534M33d	STWO	32	28	-4	2	4,694.765	3,989.588	-3.65	1.55
5268,784	4266,821		54585F88j	EGWO	29	5268,784	4630,29		3	F	F88j	54585F88j	EGWO	27	30	3	2	4,694.765	4,412.051	2.65	1.55
6647,197	4067,587		54593E17a	STWO	47	6647,197	3917,253		16	E	E17a	54593E17a	STWO	39	39	0	8	6,277.225	3,989.588	0.55	9.35
3812,187	3319,459		54690N69l	STWO	11	3812,187	3376,338		142	N	N69l	54690N69l	STWO	8	13	5	3	3,112.304	3,144.662	4.75	1.55
5469,316	3748,409		54712M33	STWO	32	5469,316	3702,174		71	M	M33b	54712M33b	STWO	34	32	-2	-2	4,694.765	3,567.125	-1.55	-2.35
5278,6	3805,374		54712M33	STWO	26	5278,6	3884,295		93	M	M33g	54712M33g	STWO	30	29	-1	-4	4,694.765	3,989.588	-1.55	-2.35

4228,821	2761,889	[redacted]	54739F88j	EGWO	34	4228,821	2637,853	[redacted]	14	F	F88j	54739F88j	EGWO	30	34	4	4	4,694.765	2,722.199	4.75	5.45
3978,135	2610,749		54755F78b	EGWO	35	3978,135	2571,286		37	F	F78b	54755F78b	EGWO	33	34	1	2	4,694.765	2,722.199	0.55	1.55
3322,539	2523,286		54763T96b	EGWO	22	3322,539	2586,695		51	T	T96b	54763T96b	EGWO	24	24	0	-2	3,112.304	2,722.199	0.55	-2.35
4972,077	3501,665		54879F87a	STWO	33	4972,077	3027,529		99	F	F87a	54879F87a	STWO	31	29	-2	2	4,694.765	3,567.125	-1.55	1.55
6788,398	4302,796		54887A09l	STWO	33	6788,398	4508,704		70	A	A09l	54887A09l	STWO	40	37	-3	-7	6,277.225	4,412.051	-3.65	-6.25
4778,69	2782,774		54895F88i	EGWO	40	4778,69	2829,748		162	F	F88i	54895F88i	EGWO	38	42	4	2	4,694.765	2,722.199	4.75	1.55
4647,755	3556,641		54895F88i	STWO	25	4647,755	3489,773		34	F	F88i	54895F88i	STWO	24	23	-1	1	4,694.765	3,567.125	-1.55	1.55
4613,273	2821,328		54909F88i	EGWO	38	4613,273	2878,24		110	F	F88i	54909F88i	EGWO	35	39	4	3	4,694.765	2,722.199	4.75	1.55
4663,299	2878,987		54917F88i	EGWO	36	4663,299	2992,085		16	F	F88i	54917F88i	EGWO	34	38	4	2	4,694.765	2,722.199	4.75	1.55
4682,912	2884,598		54925F88i	EGWO	35	4682,912	2869,226		66	F	F88i	54925F88i	EGWO	35	38	3	0	4,694.765	2,722.199	2.65	1.55
4655,84	3594,803		54925F88i	STWO	28	4655,84	3262,914		12	F	F88i	54925F88i	STWO	21	22	1	7	4,694.765	3,567.125	0.55	5.45
4326,471	2600,698		54933F88i	EGWO	40	4326,471	2573,589		7	F	F88i	54933F88i	EGWO	38	40	2	2	4,694.765	2,722.199	2.65	1.55
4217,871	3489,897		54933F88i	STWO	18	4217,871	3457,049		122	F	F88i	54933F88i	STWO	17	17	0	1	4,694.765	3,567.125	0.55	1.55
4444,337	2725,123		54941F88i	EGWO	40	4444,337	2676,983		10	F	F88i	54941F88i	EGWO	35	39	4	5	4,694.765	2,722.199	4.75	5.45
4300,872	2684,42		54968F88i	EGWO	38	4300,872	2536,994		39	F	F88i	54968F88i	EGWO	36	37	1	2	4,694.765	2,722.199	0.55	1.55
4483,33	3543,576		54968F88i	STWO	23	4483,33	3493,019		41	F	F88i	54968F88i	STWO	22	22	0	1	4,694.765	3,567.125	0.55	1.55
4791,985	2999,98		54992F88i	EGWO	38	4791,985	3043,896		4	F	F88i	54992F88i	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4837,786	3009,458		55018F88i	EGWO	38	4837,786	3070,132		4	F	F88i	55018F88i	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4896,947	3021,7		55026F88i	EGWO	38	4896,947	3099,764		4	F	F88i	55026F88i	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4832,061	3008,273		55034F88i	EGWO	38	4832,061	3062,596		4	F	F88i	55034F88i	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4835,878	3009,063		55042F88i	EGWO	38	4835,878	3064,783		4	F	F88i	55042F88i	EGWO	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4171,053	3394,635		55050F88i	STWO	23	4171,053	3154,838		4	F	F88i	55050F88i	STWO	20	20	0	3	4,694.765	3,567.125	0.55	1.55
4634,777	3018,367		55069F88i	EGWO	34	4634,777	3069,754		22	F	F88i	55069F88i	EGWO	31	35	4	3	4,694.765	3,144.662	4.75	1.55
4643,67	3523,005		55069F88i	STWO	28	4643,67	3212,628		6	F	F88i	55069F88i	STWO	25	24	-1	3	4,694.765	3,567.125	-1.55	1.55
4477,653	2793,714		55077F88i	EGWO	37	4477,653	2827,323		36	F	F88i	55077F88i	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
4538,663	2790,343		55085F88i	EGWO	38	4538,663	2821,114		32	F	F88i	55085F88i	EGWO	35	39	4	3	4,694.765	2,722.199	4.75	1.55
4360,987	3478,584		55085F88i	STWO	28	4360,987	2629,774		13	F	F88i	55085F88i	STWO	21	20	-1	7	4,694.765	3,567.125	-1.55	5.45
4344,548	2806,705		55093F88i	EGWO	35	4344,548	2840,965		19	F	F88i	55093F88i	EGWO	32	35	3	3	4,694.765	2,722.199	2.65	1.55
4536,011	3487,705		55093F88i	STWO	23	4536,011	2613,97		4	F	F88i	55093F88i	STWO	20	20	0	3	4,694.765	3,567.125	0.55	1.55
4336,111	2840,843		55107F88i	EGWO	35	4336,111	2802,737		16	F	F88i	55107F88i	EGWO	31	34	3	4	4,694.765	2,722.199	2.65	5.45
4310,19	3468,63		55107F88i	STWO	28	4310,19	2636,72		8	F	F88i	55107F88i	STWO	20	20	0	8	4,694.765	3,567.125	0.55	9.35
4342,857	2698,224		55115F88i	EGWO	39	4342,857	2659,742		14	F	F88i	55115F88i	EGWO	35	38	3	4	4,694.765	2,722.199	2.65	5.45
4359,738	3480,506		55115F88i	STWO	28	4359,738	2640,363		11	F	F88i	55115F88i	STWO	21	20	-1	7	4,694.765	3,567.125	-1.55	5.45
4049,558	2617,095		55123F88h	EGWO	39	4049,558	2472,791		23	F	F88h	55123F88h	EGWO	31	35	4	8	4,694.765	2,722.199	4.75	9.35
5092,471	3907,163		55123F88h	STWO	29	5092,471	3287,991		5	F	F88h	55123F88h	STWO		22			4,694.765	3,989.588		
4038,277	2681,288		55131F88h	EGWO	37	4038,277	2544,288		16	F	F88h	55131F88h	EGWO	30	34	4	7	4,694.765	2,722.199	4.75	5.45
3938,174	3315,043		55131F88h	STWO	24	3938,174	2429,94		2	F	F88h	55131F88h	STWO					4,694.765	3,144.662		
3975,719	2557,999		55158F88h	EGWO	38	3975,719	2440,53		65	F	F88h	55158F88h	EGWO	31	36	5	7	4,694.765	2,722.199	4.75	5.45
3888,779	3376,888		55166F88h	STWO	20	3888,779	3095,619		64	F	F88h	55166F88h	STWO					3,112.304	3,567.125		
4009,362	2522,406		55174F88h	EGWO	39	4009,362	2453,822		22	F	F88h	55174F88h	EGWO	34	37	3	5	4,694.765	2,722.199	2.65	5.45
3965,559	2514,606		55182F88h	EGWO	40	3965,559	2370,3		51	F	F88h	55182F88h	EGWO	33	37	4	7	4,694.765	2,722.199	4.75	5.45
6131,36	4016,51		55220A09b	STWO	29	6131,36	4319,09		6	A	A09b	55220A09b	STWO	32	29	-3	-3	6,277.225	3,989.588	-3.65	-2.35
4104,271	2550,126		55239N66d	EGWO	36	4104,271	2531,463		20	N	N66d	55239N66d	EGWO	35	38	3	1	4,694.765	2,722.199	2.65	1.55
3695,795	2399,245		55247N66d	EGWO	36	3695,795	2280,709		37	N	N66d	55247N66d	EGWO	35	36	1	1	3,112.304	2,299.736	0.55	1.55
3864,804	3044,392		55255N66d	STWO	15	3864,804	3064,604		14	N	N66d	55255N66d	STWO	18	16	-2	-3	3,112.304	3,144.662	-1.55	-2.35
4104,045	2632,974		55263N66d	EGWO	36	4104,045	2619,625		75	N	N66d	55263N66d	EGWO	35	36	1	1	4,694.765	2,722.199	0.55	1.55
3855,415	3376,432		55263N66d	STWO	12	3855,415	3395,467		21	N	N66d	55263N66d	STWO	18	12	-6	-6	3,112.304	3,567.125	-5.75	-6.25
4204,955	2624,229		55271N66d	EGWO	38	4204,955	2627,082		17	N	N66d	55271N66d	EGWO	35	38	3	3	4,694.765	2,722.199	2.65	1.55
4215,753			55271N66d	STWO	13	4215,753			4	N	N66d	55271N66d	STWO	17	14	-3	-4	4,694.765		-3.65	-2.35
3890,712	2457,799		55298N66d	EGWO	36	3890,712	2330,942		24	N	N66d	55298N66d	EGWO	35	36	1	1	3,112.304	2,299.736	0.55	1.55
4129,445	2598,945		55301N66d	EGWO	38	4129,445	2571,98		35	N	N66d	55301N66d	EGWO	35	37	2	3	4,694.765	2,722.199	2.65	1.55
4221,014			55328N66d	STWO	13	4221,014			4	N	N66d	55328N66d	STWO	17	14	-3	-4	4,694.765		-3.65	-2.35
4149,851	2625,93		55336N66d	EGWO	37	4149,851	2604,737		16	N	N66d	55336N66d	EGWO	33	37	4	4	4,694.765	2,722.199	4.75	5.45
4160,959			55336N66d	STWO	13	4160,959			4	N	N66d	55336N66d	STWO	17	14	-3	-4	4,694.765		-3.65	-2.35
4249,901	2699,933		55344N66d	EGWO	36	4249,901	2732,449		13	N	N66d	55344N66d	EGWO	35	36	1	1	4,694.765	2,722.199	0.55	1.55
4147,008	2652,322		55395N66d	EGWO	37	4147,008	2553,615		33	N	N66d	55395N66d	EGWO	34	36	2	3	4,694.765	2,722.199	2.65	1.55
4191,833	3649,05		55395N66d	STWO	11	4191,833	3745,204		25	N	N66d	55395N66d	STWO	16	13	-3	-5	4,694.765	3,567.125	-3.65	-6.25
4305,45	2659,521		55409N66d	EGWO	41	4305,45	2384,548		22	N	N66d	55409N66d	EGWO	38	39	1	3	4,694.765	2,722.199	0.55	1.55
4197,444	2790,503		55417N66d	EGWO	38	4197,444	2279,462		15	N	N66d	55417N66d	EGWO	30	34	4	8	4,694.765	2,722.199	4.75	9.35
4178,457	3640,232		55417N66d	STWO	10	4178,457	3741,545		6	N	N66d	55417N66d	STWO	13	13	0	-3	4,694.765	3,567.125	0.55	-2.35
3391,299	2546,504		55425T96d	EGWO	28	3391,299	2450,787		45	T	T96d	55425T96d	EGWO	19	25	6	9	3,112.304	2,722.199	6.85	9.35
5621,621	3053,646		55433N70e	EGWO	43	5621,621	3003,595		115	N	N70e	55433N70e	EGWO	42	44	2	1	6,277.225	3,144.662	2.65	1.55
4431,132	3464,236		55484F84b	STWO	20	4431,132	2960,985		30	F	F84b	55484F84b	STWO	19	19	0	1	4,694.765	3,567.125	0.55	1.55
4258,9	2575,381		55492F84b	EGWO	41	4258,9	2498,516		6	F	F84b	55492F84b	EGWO	36	40	4	5	4,694.765	2,722.199	4.75	5.45
4373,804	2693,863		55506F84b	EGWO	37	4373,804	2740,923		12	F	F84b	55506F84b	EGWO	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4368,031	2692,669		55514F84b	EGWO	37	4368,031	2737,617		12	F	F84b	55514F84b	EGWO	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4368,031	2692,669		55522F84b	EGWO	37	4368,031	2737,617		12	F	F84b	55522F84b	EGWO	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4368,031	2692,669		55530F84b	EGWO	37	4368,031	2737,617		12	F	F84b	55530F84b	EGWO	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4347,498	2688,42		55549F84b	EGWO	37	4347,498	2726,664		12	F	F84b	55549F84b	EGWO	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4061,066	2612,647		55557F84b	EGWO	37	4061,066	2536,053		87	F	F84b	55557F84b	EGWO	32	35	3	5	4,694.765	2,722.199	2.65	5.45
3772,727			55565F84b	EGWO	38	3772,727			1	F	F84b	55565F84b	EGWO	33	37	4	5	3,112.304		4.75	5.45
3759,494	3553,679		55565F84b	STWO	15	3759,494	3724,06		1	F	F84b	55565F84b	STWO	14	14	0	1	3,112.304	3,567.125	0.55	1.55
3774,206	3439,437		55581F84b	STWO	15	3774,206	3571,091		2	F	F84b	55581F84b	STWO	14	14	0	1	3,112.304	3,567.125	0.55	1.55
4484,187	2767,289		55603F84b	EGWO	37	4484,187	2846,01		7	F	F84b	55603F84b	EGWO	33	38	5	4	4,694.765	2,722.199	4.75	5.45
3813,228	3479,179		55611F84b	STWO	15	3813,228	3630,215		2	F	F84b	55611F84b	STWO	14	14	0	1	3,112.304	3,567.125	0.55	1.55
3962,931	3389,816		55638F84b	STWO	13	3962,931	3458,551		49	F	F84b	55638F84b	STWO	15	14	-1	-2	4,694.765	3,567.125	-1.55	-2.35
3930,233	3423,065		55646F84b	STWO	15	3930,233	3549,757		1	F	F84b	55646F84b	STWO	14	14	0	1	4,694.765	3,567.125	0.55	1.55
4143,667	2565,216		55654F84b	EGWO	40	4143,667	2473,06		50	F	F84b	55654F84b	EGWO	35	38	3	5	4,694.765	2,722.199	2.65	5.45
4121,813	2594,162		55662F84b	EGWO	35	4121,813	2656,986		77	F	F84b	55662F84b	EGWO	33	37	4	2	4,694.765	2,722.199	4.75	1.55
4357,823	2764,516		55670F84b	EGWO	36	4357,823	2797,447		32	F	F84b	55670F84b	EGWO	33	37	4	3	4,694.765	2,722.199	4.75	1.55
3893,035	2522,026		55700F84b	EGWO	38	3893,035	2349,991		3	F	F84b	55700F84b	EGWO	33	37	4	5	3,112.304	2,722.199	4.75	5.45
4345,263	2729,243		55727F84b	EGWO	37	4345,263	2732,713		18	F	F84b	55727F84b	EGWO	34	37	3	3	4,694.765	2,722.199	2.65	1.55
4491,682	2824,508		55735F84b	EGWO	35	4491,682	2905,743		18	F	F84b	55735F84b	EGWO	34	37	3	1	4,694.765	2,722.199	2.65	1.55
4296,852	2800,781		55751F84b	EGWO	38	4296,852	2669,53		22	F	F84b	55751F84b	EGWO	29	35	6	9	4,694.765	2,722.199	6.85	9.35
3755,113	2392,559		55778F84b	EGWO	40	3755,113	2243,806		74	F	F84b	55778F84b	EGWO	33	36	3	7	3,112.304	2,299.736	2.65	5.45
4444,037	2807,827		55786F84b	EGWO	35	4444,037	2876,85		18	F	F84b	55786F84b	EGWO	33	37	4	2	4,694.765	2,722.199	4.75	1.55
4287,313	2717,927		55794F84b	EGWO	36	4287,313	2754,213		16	F	F84b	55794F84b	EGWO	32	37	5	4	4,694.765	2,722.199	4.75	5.45
4341,772	3660,851		55808F84b	STWO	15	4341,772	3992,074		2	F	F84b	55808F84b	STWO	14	14	0	1	4,694.765	3,567.125	0.55	1.55
4234,64	2796,455		55816F84b	EGWO	38	4234,64	2678,038		4	F	F84b	55816F84b	EGWO	33	37	4	5	4,694.765	2,722.199	4.75	5.45
3902,621	2645,443		55824F84b	EGWO	34	3902,621	2349,31		46	F	F84b	55824F84b	EGWO	30	32	2	4	3,112.304	2,722.199	2.65	5.45
3770,539	2606,601		55832F84b	EGWO	33	3770,539	2293,386		36	F	F84b	55832F84b	EGWO	29	32	3	4	3,112.304	2,722.199	2.65	5.45
4557,823			55859F84b	EGWO	38	4557,823	2916,75		2	F	F84b	55859F84b	EGWO	33	37	4	5	4,694.765		4.75	5.45
4820,748	3122,943		55875F84b	EGWO	38	4820,748	2983,035		2	F	F84b	55875F84b	EGWO	33	37	4	5	4,694.765	3,144.662	4.75	5.45
4360,232	2566,688		55883F84b	EGWO	41	4360,232	2596,072		8	F	F84b	55883F84b	EGWO	35	39	4	6	4,694.765	2,722.199	4.75	5.45
3836,376	3403,68		55891F78e	STWO	9	3836,376	3457,392		87	F	F78e	55891F78e	STWO	9	11	2	0	3,112.304	3,567.125	2.65	1.55
5392,22	3673,843		55921M56d	STWO	33	5392,22	3662,579		54	M	M56d	55921M56d	STWO	33	32	-1	0	4,694.765	3,567.125	-1.55	1.55
5299,481	3655,428		55948M56d	STWO	33	5299,481	3621,033		38	M	M56d	55948M56d	STWO	32	31	-1	1	4,694.765	3,567.125	-1.55	1.55
4508,382	3602,468		55956F76b	STWO	15	4508,382	3529,416		101	F	F76b	55956F76b	STWO	17	18	1	-2	4,694.765	3,567.125	0.55	-2.35
6798,02	2910,56		55999M33c	EGWO	49	6798,02	2735,125		16	M	M33c	55999M33c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5946,809	3818,62		55999M33c	STWO	37	5946,809	4023,724		1	M	M33c	55999M33c	STWO	39	37	-2	-2	6,277.225	3,989.588	-1.55	-2.35
6218,647	4014,521		56006M33c	STWO	35	6218,647	4055,574		32	M	M33c	56006M33c	STWO	37	35	-2	-2	6,277.225	3,989.588	-1.55	-2.35
6364,013	2817,331		56014M33c	EGWO	49	6364,013	2503,44		17	M	M33c	56014M33c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6161,447	4004,334		56014M33c	STWO	37	6161,447	4011,33		3	M	M33c	56014M33c	STWO	39	37	-2	-2	6,277.225	3,989.588	-1.55	-2.35

6265,097	3888,51	[redacted]	56022M33	STWO	42	6265,097	3135,163	[redacted]	25	M	M33c	56022M33c	STWO	40	38	-2	2	6,277.225	3,989.588	-1.55	1.55
6286,321	2803,157		56030M33	EGWO	49	6286,321	2471,621		16	M	M33c	56030M33c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6128,486	3977,829		56049M33	STWO	38	6128,486	3806,414		30	M	M33c	56049M33c	STWO	37	35	-2	1	6,277.225	3,989.588	-1.55	1.55
6907,147	3205,348		56057M33	EGWO	49	6907,147	3352,991		15	M	M33c	56057M33c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6349,041	3942,64		56057M33	STWO	39	6349,041	3864,185		28	M	M33c	56057M33c	STWO	40	38	-2	-1	6,277.225	3,989.588	-1.55	-2.35
5966,499	3751,723		56065M33	STWO	42	5966,499	2689,873		168	M	M33c	56065M33c	STWO	40	37	-3	2	6,277.225	3,567.125	-3.65	1.55
5552,68	3798,398		56073M33	STWO	32	5552,68	3883,31		72	M	M33c	56073M33c	STWO	35	32	-3	-3	6,277.225	3,989.588	-3.65	-2.35
6487,026	3956,979		56081M33	STWO	47	6487,026	3309,011		17	M	M33f	56081M33f	STWO	41	39	-2	6	6,277.225	3,989.588	-1.55	5.45
5298,833	3599,792		56111M33	STWO	35	5298,833	3429,44		119	M	M33a	56111M33a	STWO	37	33	-4	-2	4,694.765	3,567.125	-3.65	-2.35
5783,903	3703,198		56111M33	STWO	37	5783,903	3641,114		106	M	M33b	56111M33b	STWO	36	36	0	1	6,277.225	3,567.125	0.55	1.55
4527,778	2494,44		56138F88e	EGWO	44	4527,778	2354,366		8	F	F88e	56138F88e	EGWO	39	42	3	5	4,694.765	2,299.736	2.65	5.45
4293,167	2647,851		56146F88e	EGWO	41	4293,167	2533,495		57	F	F88e	56146F88e	EGWO	35	38	3	6	4,694.765	2,722.199	2.65	5.45
4199,199	2865,071		56154F88e	EGWO	34	4199,199	2802,458		14	F	F88e	56154F88e	EGWO	29	32	3	5	4,694.765	2,722.199	2.65	5.45
4260,968	2532,544		56162F88e	EGWO	44	4260,968	2392,671		41	F	F88e	56162F88e	EGWO	38	41	3	6	4,694.765	2,722.199	2.65	5.45
4398,801	2765,011		56170F88e	EGWO	37	4398,801	2774,459		17	F	F88e	56170F88e	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.55
4484,833	3756,958		56170F88e	STWO	14	4484,833	3827,263		24	F	F88e	56170F88e	STWO	15	16	1	-1	4,694.765	3,567.125	0.55	-2.35
3913,618	2535,032		56189F88e	EGWO	36	3913,618	2474,185		20	F	F88e	56189F88e	EGWO	31	35	4	5	4,694.765	2,722.199	4.75	5.45
4136,667	2609,572		56197F88e	EGWO	39	4136,667	2535,504		35	F	F88e	56197F88e	EGWO	33	37	4	6	4,694.765	2,722.199	4.75	5.45
4346,401	2694,467		56200F88h	EGWO	38	4346,401	2699,105		131	F	F88h	56200F88h	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
3931,3	2713,996		56219F88e	EGWO	34	3931,3	2666,699		8	F	F88e	56219F88e	EGWO	29	32	3	5	4,694.765	2,722.199	2.65	5.45
4127,434	2752,54		56227F88e	EGWO	35	4127,434	2664,243		8	F	F88e	56227F88e	EGWO	29	33	4	6	4,694.765	2,722.199	4.75	5.45
4196,385	3409,386		56227F88e	STWO	16	4196,385	3388,755		4	F	F88e	56227F88e	STWO	17	16	-1	-1	4,694.765	3,567.125	-1.55	-2.35
4070,114	2737,386		56235F88e	EGWO	35	4070,114	2650,03		8	F	F88e	56235F88e	EGWO	29	33	4	6	4,694.765	2,722.199	4.75	5.45
4522,816			56251F89a	STWO	18	4522,816			42	F	F89a	56251F89a	STWO	18	18	0	0	4,694.765		0.55	1.55
5662,5	3799,806		56308M33	STWO	30	5662,5	3870,451		223	M	M33d	56308M33d	STWO	33	32	-1	-3	6,277.225	3,989.588	-1.55	-2.35
5467,861	2959,19		56316N68f	EGWO	44	5467,861	3053,703		59	N	N68f	56316N68f	EGWO	41	45	4	3	4,694.765	3,144.662	4.75	1.55
4841,223	3726,235		56316N68f	STWO	14	4841,223	3640,043		27	N	N68f	56316N68f	STWO	14	14	0	0	4,694.765	3,567.125	0.55	1.55
4631,319	2807,558		56324N70b	EGWO	39	4631,319	2575,445		42	N	N70b	56324N70b	EGWO	35	39	4	4	4,694.765	2,722.199	4.75	5.45
4118,402	3431,127		56324N70b	STWO	26	4118,402	3476,057		20	N	N70b	56324N70b	STWO	18	21	3	8	4,694.765	3,567.125	2.65	9.35
4616,722	3168,26		56332N70b	EGWO	39	4616,722	2982,128		5	N	N70b	56332N70b	EGWO	38	36	-2	1	4,694.765	3,144.662	-1.55	1.55
4240,165	3419,552		56332N70b	STWO	31	4240,165	2557,499		19	N	N70b	56332N70b	STWO	17	19	2	14	4,694.765	3,567.125	2.65	13.25
4277,057	2577,384		56340N70b	EGWO	46	4277,057	2316,034		14	N	N70b	56340N70b	EGWO	37	40	3	9	4,694.765	2,722.199	2.65	9.35
4988,636	2868,648		56359N70b	EGWO	44	4988,636	2510,394		11	N	N70b	56359N70b	EGWO	40	43	3	4	4,694.765	2,722.199	2.65	5.45
4065,486	3417,649		56367N70b	STWO	26	4065,486	2923,373		34	N	N70b	56367N70b	STWO	18	21	3	8	4,694.765	3,567.125	2.65	9.35
5611,688	3357,583		56375N70b	EGWO	44	5611,688	3300,994		4	N	N70b	56375N70b	EGWO	38	41	3	6	6,277.225	3,567.125	2.65	5.45
4595,559	2732,372		56383N70b	EGWO	44	4595,559	2564,639		10	N	N70b	56383N70b	EGWO	37	41	4	7	4,694.765	2,722.199	4.75	5.45
4015,27	3364,646		56421N70b	STWO	31	4015,27	2532,024		24	N	N70b	56421N70b	STWO	14	16	2	17	4,694.765	3,567.125	2.65	17.15
3832,097	3240,5		56448N70b	STWO	31	3832,097	2412,126		18	N	N70b	56448N70b	STWO	18	16	-2	13	3,112.304	3,144.662	-1.55	13.25
4719,444	2920,166		56456N70b	EGWO	44	4719,444	2826,75		4	N	N70b	56456N70b	EGWO	38	41	3	6	4,694.765	2,722.199	2.65	5.45
4258,333	2785,446		56464N70b	EGWO	44	4258,333	2745,423		4	N	N70b	56464N70b	EGWO	38	41	3	6	4,694.765	2,722.199	2.65	5.45
4661,537	2798,564		56472N70b	EGWO	44	4661,537	2637,462		11	N	N70b	56472N70b	EGWO	36	40	4	8	4,694.765	2,722.199	4.75	9.35
4725	2921,315		56480N70b	EGWO	44	4725	2818,905		4	N	N70b	56480N70b	EGWO	38	41	3	6	4,694.765	2,722.199	2.65	5.45
4725	2921,315		56499N70b	EGWO	44	4725	2798,109		4	N	N70b	56499N70b	EGWO	38	41	3	6	4,694.765	2,722.199	2.65	5.45
4012,346	2430,059		56502N70b	EGWO	44	4012,346	2172,748		9	N	N70b	56502N70b	EGWO	37	39	2	7	4,694.765	2,299.736	2.65	5.45
4824,176	3052,492		56510N70b	EGWO	44	4824,176	2938,345		4	N	N70b	56510N70b	EGWO	34	41	7	10	4,694.765	3,144.662	6.85	9.35
4786,813	2995,554		56529N70b	EGWO	40	4786,813	2878,465		5	N	N70b	56529N70b	EGWO	38	37	-1	2	4,694.765	3,144.662	-1.55	1.55
4687,912	2975,088		56537N70b	EGWO	40	4687,912	2836,958		5	N	N70b	56537N70b	EGWO	36	37	1	4	4,694.765	3,144.662	0.55	5.45
4143,756	3512,083		56553N70b	STWO	23	4143,756	3176,299		88	N	N70b	56553N70b	STWO	16	18	2	7	4,694.765	3,567.125	2.65	5.45
4305,295	3430,587		56561F86b	STWO	28	4305,295	3105,731		28	F	F86b	56561F86b	STWO	23	20	-3	5	4,694.765	3,567.125	-3.65	5.45
7017,594	4085,283		56596K24b	STWO	46	7017,594	3836,665		129	K	K24b	56596K24b	STWO	44	41	-3	2	6,277.225	3,989.588	-3.65	1.55
5863,688	3380		56618N67a	EGWO	40	5863,688	3326		5	N	N67a	56618N67a	EGWO	37	40	3	3	6,277.225	3,567.125	2.65	1.55
4053,514	2544,115		56626F88h	EGWO	41	4053,514	2387,668		17	F	F88h	56626F88h	EGWO	34	37	3	7	4,694.765	2,722.199	2.65	5.45
4182,144	2640,492		56634F88h	EGWO	39	4182,144	2567,398		20	F	F88h	56634F88h	EGWO	33	37	4	6	4,694.765	2,722.199	4.75	5.45
3924,768	3117,785		56634F88h	STWO	28	3924,768	2824,802		37	F	F88h	56634F88h	STWO	24	21	-3	4	4,694.765	3,144.662	-3.65	5.45
3988,901	2610,584		56642F88h	EGWO	37	3988,901	2520,449		36	F	F88h	56642F88h	EGWO	30	34	4	7	4,694.765	2,722.199	4.75	5.45
3901,625	2558,793		56669F88h	EGWO	38	3901,625	2387,797		42	F	F88h	56669F88h	EGWO	30	34	4	8	3,112.304	2,722.199	4.75	9.35
3992,451	2484,843		56693F88h	EGWO	41	3992,451	2333,698		84	F	F88h	56693F88h	EGWO	34	38	4	7	4,694.765	2,299.736	4.75	5.45
4148,818	2647,508		56707F88h	EGWO	38	4148,818	2568,473		20	F	F88h	56707F88h	EGWO	32	36	4	6	4,694.765	2,722.199	4.75	5.45
4144,997	2655,553		56715F88h	EGWO	38	4144,997	2571,781		20	F	F88h	56715F88h	EGWO	32	36	4	6	4,694.765	2,722.199	4.75	5.45
4003,352	2517,431		56723F88h	EGWO	41	4003,352	2370,329		54	F	F88h	56723F88h	EGWO	33	37	4	8	4,694.765	2,722.199	4.75	9.35
4234,447	2817,773		56731F88h	EGWO	35	4234,447	2732,009		16	F	F88h	56731F88h	EGWO	29	33	4	6	4,694.765	2,722.199	4.75	5.45
4174,814	2696,786		56758F88h	EGWO	37	4174,814	2625,886		24	F	F88h	56758F88h	EGWO	31	35	4	6	4,694.765	2,722.199	4.75	5.45
4173,792	2706,328		56766F88h	EGWO	37	4173,792	2543,389		24	F	F88h	56766F88h	EGWO	32	35	3	5	4,694.765	2,722.199	2.65	5.45
4226,846	2807,553		56774F88h	EGWO	36	4226,846	2713,579		16	F	F88h	56774F88h	EGWO	29	34	5	7	4,694.765	2,722.199	4.75	5.45
3343,996	2415,769		56790T94b	EGWO	29	3343,996	2380,271		19	T	T94b	56790T94b	EGWO	23	28	5	6	3,112.304	2,299.736	4.75	5.45
3560,134	2575,724		56804T94b	EGWO	26	3560,134	2630,819		28	T	T94b	56804T94b	EGWO	22	28	6	4	3,112.304	2,722.199	6.85	5.45
3543,18	2675,912		56812T94b	EGWO	23	3543,18	2744,217		29	T	T94b	56812T94b	EGWO	20	25	5	3	3,112.304	2,722.199	4.75	1.55
3503,5	2557,319		56820T94b	EGWO	27	3503,5	2567,017		29	T	T94b	56820T94b	EGWO	23	28	5	4	3,112.304	2,722.199	4.75	5.45
3438,207	2549,975		56839T94b	EGWO	26	3438,207	2536,334		12	T	T94b	56839T94b	EGWO	20	26	6	6	3,112.304	2,722.199	6.85	5.45
3434,141	2481,336		56847T94b	EGWO	25	3434,141	2570,902		6	T	T94b	56847T94b	EGWO	24	28	4	1	3,112.304	2,299.736	4.75	1.55
3807,833	3451,935		56855F82a	STWO	7	3807,833	3541,964		32	F	F82a	56855F82a	STWO	12	9	-3	-5	3,112.304	3,567.125	-3.65	-6.25
4929,566	2774,515		56863F85a	EGWO	47	4929,566	2593,623		10	F	F85a	56863F85a	EGWO	41	42	1	6	4,694.765	2,722.199	0.55	5.45
4188,628	2437,956		56871F85e	EGWO	47	4188,628	2187,175		23	F	F85e	56871F85e	EGWO	39	42	3	8	4,694.765	2,299.736	2.65	9.35
4699,683	2685,502		56898F85a	EGWO	47	4699,683	2488,147		26	F	F85a	56898F85a	EGWO	41	42	1	6	4,694.765	2,722.199	0.55	5.45
4348,48	2597,683		56901F85e	EGWO	45	4348,48	2400,819		34	F	F85e	56901F85e	EGWO	37	40	3	8	4,694.765	2,722.199	2.65	9.35
4481,472	2636,697		56928F85a	EGWO	45	4481,472	2447,911		44	F	F85a	56928F85a	EGWO	41	41	0	4	4,694.765	2,722.199	0.55	5.45
4440,647	2627,523		56936F85a	EGWO	46	4440,647	2379,07		30	F	F85a	56936F85a	EGWO	41	41	0	5	4,694.765	2,722.199	0.55	5.45
4699,97	3551,784		56936F85a	STWO	29	4699,97	3503,783		60	F	F85a	56936F85a	STWO	24	24	0	5	4,694.765	3,567.125	0.55	5.45
4351,814	2995,487		56944F85a	EGWO	37	4351,814	2825,54		8	F	F85a	56944F85a	EGWO	31	32	1	6	4,694.765	3,144.662	0.55	5.45
4390,45	3460,26		56952F85a	STWO	29	4390,45	3245,294		43	F	F85a	56952F85a	STWO	22	21	-1	7	4,694.765	3,567.125	-1.55	5.45
4757,909	2837,183		56960F85a	EGWO	43	4757,909	2647,851		20	F	F85a	56960F85a	EGWO	38	39	1	5	4,694.765	2,722.199	0.55	5.45
5019,624	3560,712		56960F85a	STWO	39	5019,624	2562,74		46	F	F85a	56960F85a	STWO	29	29	0	10	4,694.765	3,567.125	0.55	9.35
4415,079	2770,16		56979F85a	EGWO	40	4415,079	2616,377		21	F	F85a	56979F85a	EGWO	33	37	4	7	4,694.765	2,722.199	4.75	5.45
4725,973	3479,179		56979F85a	STWO	39	4725,973	2440,193		30	F	F85a	56979F85a	STWO	31	26	-5	8	4,694.765	3,567.125	-5.75	9.35
5293,333	3706,784		57002F85a	STWO	34	5293,333	2882,266		1	F	F85a	57002F85a	STWO	26	24	-2	8	4,694.765	3,567.125	-1.55	9.35
4407,851	3564,435		57029F85a	STWO	29	4407,851	3541,492		28	F	F85a	57029F85a	STWO	21	19	-2	8	4,694.765	3,567.125	-1.55	9.35
5080	3659,053		57037F85a	STWO	34	5080	2760,065		1	F	F85a	57037F85a	STWO	26	24	-2	8	4,694.765	3,567.125	-1.55	9.35
3723,925	2576,125		57053F85a	EGWO	37	3723,925	2351,181		29	F	F85a	57053F85a	EGWO	35	32	-3	2	3,112.304	2,722.199	-3.65	1.55
4805,939	3492,712		57053F85a	STWO	39	4805,939	2433,485		19	F	F85a	57053F85a	STWO	30	27	-3	9	4,694.765	3,567.125	-3.65	9.35
6015,431	3940,487		57061E15a	STWO	36	6015,431	3872,974		88	E	E15a	57061E15a	STWO	39	34	-5	-3	6,277.225	3,989.588	-5.75	-2.35
6636,759	3949,013		57088E15a	STWO	41	6636,759	2894,005		11	E	E15a	57088E15a	STWO	42	40	-2	-1	6,277.225	3,989.588	-1.55	-2.35
5987,335	3890,797		57096E15a	STWO	35	5987,335	3889,231		22	E	E15a	57096E15a	STWO	39	35	-4	-4	6,277.225	3,989.588	-3.65	-2.35
5632,73	3700,222		57118E15a	STWO	36	5632,73	3612,474		12	E	E15a	57118E15a	STWO	40	34	-6	-4	6,277.225	3,567.125	-5.75	-2.35
6338,473	3935,728		57126E15a	STWO	35	6338,473	4116,837		30	E	E15a	57126E15a	STWO	39	38	-1	-4	6,277.225	3,989.588	-1.55	-2.35
5921,234	3789,091		57134F15a	STWO	35	5921,234	3847,707		35	F	F15a	57134F15a	STWO	39	36	-3	-4	6,277.225	3,989.588	-3.65	-2.35
6126,265	3902,631		57142E15a	STWO	35	6126,265	3991,983		20	E	E15a	57142E15a	STWO	38	36	-2	-3	6,277.225	3,989.588	-1.55	-2.35
5916,482	3862,969		57169E15a	STWO	33	5916,482	3943,127		15	E	E15a	57169E15a	STWO	39	35	-4	-6	6,277.225	3,989.588	-3.65	-6.25
5844,424	3859,425		57177E15a	STWO	33	5844,424	3912,852		36	E	E15a	57177E15a	STWO	38	33	-5	-5	6,277.225	3,989.588	-5.75	-6.25
6316,917	3957,193		57193E14b	STWO	43	6316,917	3604,714		30	E	E14b	57193E14b	STWO	39	38	-1	4	6,277.225	3,989.588	-1.55	5.45
3317,851	3064,608		57282F77c	STWO	14	3317,851	2857,408		96	F	F77c	57282F77c	STWO	14	8	-6	0	3,112.304	3,144.662	-5.75	1.55
5706,903	3800,936		57290M33	STWO	32	5706,903	3937,056		14	M	M33c	57290M33c	STWO	36	34	-2	-4	6,277.225	3,989.588	-1.55	-2.35
6238,223	3854,856		57312M33	STWO	42	6238,223	3137,958		11	M	M33c	57312M33c	STWO	40	38	-2	2	6,277.225	3,989.588	-1.55	1.55
7417,91	3148,614		57371M33	EGWO	49	7417,91	3045,764		1	M	M33f	57371M33f	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55

5865,195	3772,926	[redacted]	57398M33	STWO	42	5865,195	3285,661	[redacted]	2	M	M33f	57398M33f	STWO	38	36	-2	4	6,277.225	3,567.125	-1.55	5.45
5527,655	3604,378		57401M33	STWO	42	5527,655	2458,403		2	M	M33f	57401M33f	STWO	38	36	-2	4	6,277.225	3,567.125	-1.55	5.45
6679,402	3168,893		57428M33	EGWO	49	6679,402	2839,948		46	M	M33f	57428M33f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6700,677	3976,327		57428M33	STWO	47	6700,677	3189,931		20	M	M33f	57428M33f	STWO	43	41	-2	4	6,277.225	3,989.588	-1.55	5.45
5431,655	2694,314		57444M33	EGWO	49	5431,655	2336,985		3	M	M33f	57444M33f	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
6167,714	3935,255		57444M33	STWO	38	6167,714	3803,239		114	M	M33f	57444M33f	STWO	38	36	-2	0	6,277.225	3,989.588	-1.55	1.55
6268,817	3823,533		57479M33	STWO	42	6268,817	2924,259		1	M	M33f	57479M33f	STWO	38	36	-2	4	6,277.225	3,989.588	-1.55	5.45
5706,842	2761,131		57487M33	EGWO	49	5706,842	2382,725		3	M	M33e	57487M33e	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5588,205	3637,396		57487M33	STWO	35	5588,205	2527,765		13	M	M33e	57487M33e	STWO	36	33	-3	-1	6,277.225	3,567.125	-3.65	-2.35
5997,812	2949,188		57495M33	EGWO	49	5997,812	2583,087		81	M	M33e	57495M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5772,105	3863,404		57495M33	STWO	35	5772,105	2684,834		15	M	M33e	57495M33e	STWO	35	33	-2	0	6,277.225	3,989.588	-1.55	1.55
6238,552	3154,586		57509M33	EGWO	49	6238,552	2817,608		89	M	M33e	57509M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6061,88	4019,017		57509M33	STWO	35	6061,88	3385,581		8	M	M33e	57509M33e	STWO	35	33	-2	0	6,277.225	3,989.588	-1.55	1.55
6117,854	3024,622		57517M33	EGWO	49	6117,854	2619,612		90	M	M33e	57517M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6153,56	4066,086		57517M33	STWO	35	6153,56	3520,271		10	M	M33e	57517M33e	STWO	36	33	-3	-1	6,277.225	3,989.588	-3.65	-2.35
6097,18	2861,906		57525M33	EGWO	49	6097,18	2418,318		11	M	M33e	57525M33e	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5699,179	2778,591		57533M33	EGWO	49	5699,179	2415,986		3	M	M33e	57533M33e	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5442,654	3601,107		57533M33	STWO	35	5442,654	2482,384		15	M	M33e	57533M33e	STWO	36	33	-3	-1	4,694.765	3,567.125	-3.65	-2.35
6039,911	2992,984		57541M33	EGWO	49	6039,911	2653,263		3	M	M33e	57541M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6103,709	3082,565		57568M33	EGWO	49	6103,709	2682,986		4	M	M33e	57568M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5145,321	2692,692		57584M33	EGWO	49	5145,321	2398,663		22	M	M33b	57584M33b	EGWO	47	46	-1	2	4,694.765	2,722.199	-1.55	1.55
5294,723	3673,866		57584M33	STWO	39	5294,723	2797,582		10	M	M33b	57584M33b	STWO	34	31	-3	5	4,694.765	3,567.125	-3.65	5.45
5650,658	3660,526		57584M33	STWO	35	5650,658	2587,895		6	M	M33e	57584M33e	STWO	36	33	-3	-1	6,277.225	3,567.125	-3.65	-2.35
6035,216	3180,635		57592M33	EGWO	49	6035,216	3006,155		11	M	M33e	57592M33e	EGWO	46	47	1	3	6,277.225	3,144.662	0.55	1.55
4714,028	3552,335		57592M33	STWO	25	4714,028	3653,364		102	M	M33e	57592M33e	STWO	29	25	-4	-4	4,694.765	3,567.125	-3.65	-2.35
5871,188	3050,661		57606M33	EGWO	49	5871,188	2610,221		98	M	M33f	57606M33f	EGWO	48	48	0	1	6,277.225	3,144.662	0.55	1.55
6380,799	3897,444		57606M33	STWO	47	6380,799	3026,637		17	M	M33f	57606M33f	STWO	41	39	-2	6	6,277.225	3,989.588	-1.55	5.45
6006,696	3166,628		57614M33	EGWO	49	6006,696	3090,969		4	M	M33f	57614M33f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6261,05	3900,915		57614M33	STWO	42	6261,05	3603,475		2	M	M33f	57614M33f	STWO	38	36	-2	4	6,277.225	3,989.588	-1.55	5.45
6298,867	2957,254		57622M33	EGWO	49	6298,867	2707,516		3	M	M33e	57622M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4188,889			57630B10g	STWO		4188,889			1	B	B10g	57630B10g	STWO					4,694.765			
5323,496	3902,309		57703M33	STWO	35	5323,496	3448,089		29	M	M33b	57703M33b	STWO	35	33	-2	0	4,694.765	3,989.588	-1.55	1.55
5399,216	3762,929		57703M33	STWO	31	5399,216	3715,726		81	M	M33g	57703M33g	STWO	30	31	1	1	4,694.765	3,567.125	0.55	1.55
3480,509	2484,026		57738T94b	EGWO	28	3480,509	2488,371		47	T	T94b	57738T94b	EGWO	23	28	5	5	3,112.304	2,299.736	4.75	5.45
3593,333	2615,815		57746T94b	EGWO	27	3593,333	2634,182		6	T	T94b	57746T94b	EGWO	21	27	6	6	3,112.304	2,722.199	6.85	5.45
3577,002	3208,765		57746T94b	STWO	13	3577,002	2468,39		2	T	T94b	57746T94b	STWO	8	6	-2	5	3,112.304	3,144.662	-1.55	5.45
3593,333	2615,815		57754T94b	EGWO	27	3593,333	2634,182		12	T	T94b	57754T94b	EGWO	21	27	6	6	3,112.304	2,722.199	6.85	5.45
3667,663	3229,049		57754T94b	STWO	13	3667,663	2520,322		4	T	T94b	57754T94b	STWO	8	6	-2	5	3,112.304	3,144.662	-1.55	5.45
3497,931	2515,447		57762T94b	EGWO	27	3497,931	2540,216		32	T	T94b	57762T94b	EGWO	23	28	5	4	3,112.304	2,722.199	4.75	5.45
3137,615	3080,758		57762T94b	STWO	13	3137,615	2295,88		1	T	T94b	57762T94b	STWO	8	6	-2	5	3,112.304	3,144.662	-1.55	5.45
3785,925	2575,248		57770T94b	EGWO	30	3785,925	2658,958		16	T	T94b	57770T94b	EGWO	27	32	5	3	3,112.304	2,722.199	4.75	1.55
3485,175	2498,601		57789T94b	EGWO	28	3485,175	2513,133		14	T	T94b	57789T94b	EGWO	23	28	5	5	3,112.304	2,299.736	4.75	5.45
3477,123	2679,268		57797T94b	EGWO	22	3477,123	2777,546		13	T	T94b	57797T94b	EGWO	18	23	5	4	3,112.304	2,722.199	4.75	5.45
3522,359	2726,936		57800T94b	EGWO	22	3522,359	2811,044		7	T	T94b	57800T94b	EGWO	18	23	5	4	3,112.304	2,722.199	4.75	5.45
3668,296	2514,237		57819T94b	EGWO	32	3668,296	2468,42		8	T	T94b	57819T94b	EGWO	27	31	4	5	3,112.304	2,722.199	4.75	5.45
3800	3372,666		57819T94b	STWO	13	3800	2667,25		1	T	T94b	57819T94b	STWO	8	6	-2	5	3,112.304	3,567.125	-1.55	5.45
3502,75	2524,399		57827T94b	EGWO	28	3502,75	2535,052		16	T	T94b	57827T94b	EGWO	20	28	8	8	3,112.304	2,722.199	8.95	9.35
5803,141	2982,48		57835M33	EGWO	49	5803,141	2769,671		12	M	M33e	57835M33e	EGWO	48	49	1	1	6,277.225	3,144.662	0.55	1.55
4747,738	3573,954		57835M33	STWO	25	4747,738	3694,388		116	M	M33e	57835M33e	STWO	29	25	-4	-4	4,694.765	3,567.125	-3.65	-2.35
6053,714	3154,609		57843M33	EGWO	49	6053,714	2967,223		52	M	M33f	57843M33f	EGWO	48	48	0	1	6,277.225	3,144.662	0.55	1.55
5674,057	3725,173		57843M33	STWO	42	5674,057	3107,345		131	M	M33f	57843M33f	STWO	35	34	-1	7	6,277.225	3,567.125	-1.55	5.45
5804,071	2797,161		57851M33	EGWO	49	5804,071	2425,385		3	M	M33f	57851M33f	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6260,313	3970,408		57851M33	STWO	37	6260,313	3919,735		103	M	M33f	57851M33f	STWO	38	37	-1	-1	6,277.225	3,989.588	-1.55	-2.35
3904,515	2479,893		57940F84c	EGWO	36	3904,515	2363,766		87	F	F84b	57940F84b	EGWO	33	36	3	3	4,694.765	2,299.736	2.65	1.55
3951,433	3447,45		57959F84c	STWO	10	3951,433	3543,788		234	F	F84b	57959F84b	STWO	13	13	0	-8	4,694.765	3,567.125	0.55	-2.35
4346,939	3104,091		57975F84c	EGWO	38	4346,939	3031,55		1	F	F84b	57975F84b	EGWO	33	37	4	5	4,694.765	3,144.662	4.75	5.45
3560,976	3150,976		57975F84c	STWO	15	3560,976	2248,97		1	F	F84b	57975F84b	STWO	14	14	0	1	3,112.304	3,144.662	0.55	1.55
4084,703	2528,369		57983F84c	EGWO	40	4084,703	2431,762		95	F	F84b	57983F84b	EGWO	35	38	3	5	4,694.765	2,722.199	2.65	5.45
4004,789	2508,223		57991F84c	EGWO	41	4004,789	2375,068		39	F	F84b	57991F84b	EGWO	34	37	3	7	4,694.765	2,299.736	2.65	5.45
4035,23	3369,27		57991F84c	STWO	15	4035,23	2612,51		3	F	F84b	57991F84b	STWO	14	14	0	1	4,694.765	3,567.125	0.55	1.55
3724,577	2481,221		58009F84c	EGWO	36	3724,577	2375,948		8	F	F84b	58009F84b	EGWO	29	33	4	7	3,112.304	2,299.736	4.75	5.45
4526,78	2837,959		58017F84c	EGWO	35	4526,78	2957,308		9	F	F84b	58017F84b	EGWO	34	37	3	1	4,694.765	2,722.199	2.65	1.55
4481,015	2736,139		58025F84c	EGWO	36	4481,015	2850,447		11	F	F84b	58025F84b	EGWO	35	39	4	1	4,694.765	2,722.199	4.75	1.55
4116,4	2882,747		58033F84c	EGWO	38	4116,4	2738,118		3	F	F84b	58033F84b	EGWO	33	37	4	5	4,694.765	2,722.199	4.75	5.45
4486,258	2569,733		58041F84c	EGWO	42	4486,258	2601,189		45	F	F84b	58041F84b	EGWO	38	42	4	4	4,694.765	2,722.199	4.75	5.45
3702,777	2332,775		58076F84c	EGWO	41	3702,777	2186,1		23	F	F84b	58076F84b	EGWO	34	37	3	7	3,112.304	2,299.736	2.65	5.45
4113,32	3296,017		58076F84c	STWO	20	4113,32	2380,948		40	F	F84b	58076F84b	STWO	19	19	0	1	4,694.765	3,144.662	0.55	1.55
4674,157	3298,21		58084F84c	EGWO	38	4674,157	3338,237		1	F	F84b	58084F84b	EGWO	33	37	4	5	4,694.765	3,144.662	4.75	5.45
4056,911	3271,937		58084F84c	STWO	15	4056,911	2248,97		1	F	F84b	58084F84b	STWO	14	14	0	1	4,694.765	3,144.662	0.55	1.55
3973,768	2481,156		58092F84c	EGWO	39	3973,768	2405,678		43	F	F84b	58092F84b	EGWO	35	37	2	4	4,694.765	2,299.736	2.65	5.45
3732,052	3270,008		58092F84c	STWO	15	3732,052	2443,35		2	F	F84b	58092F84b	STWO	14	14	0	1	3,112.304	3,144.662	0.55	1.55
4236,963	2657,761		58106F84c	EGWO	38	4236,963	2654,504		17	F	F84b	58106F84b	EGWO	34	37	3	4	4,694.765	2,722.199	2.65	5.45
3830,461	2531,776		58114F84c	EGWO	38	3830,461	2382,494		6	F	F84b	58114F84b	EGWO	31	34	3	7	3,112.304	2,722.199	2.65	5.45
4360,516	2727,422		58122F84c	EGWO	37	4360,516	2765,667		10	F	F84b	58122F84b	EGWO	34	37	3	3	4,694.765	2,722.199	2.65	1.55
4072,173	2466,384		58130F84c	EGWO	38	4072,173	2339,013		3	F	F84b	58130F84b	EGWO	33	37	4	5	4,694.765	2,299.736	4.75	5.45
3985,2	2516,306		58149F84c	EGWO	41	3985,2	2366,852		28	F	F84c	58149F84c	EGWO	36	37	1	5	4,694.765	2,722.199	0.55	5.45
4528,529	3609,571		58149F84c	STWO	19	4528,529	3838,504		25	F	F84c	58149F84c	STWO	21	20	-1	-2	4,694.765	3,567.125	-1.55	-2.35
3829,114	2381,529		58157F84c	EGWO	42	3829,114	2206,863		34	F	F84c	58157F84c	EGWO	34	38	4	8	3,112.304	2,299.736	4.75	9.35
4134,547	2544,767		58165F84c	EGWO	41	4134,547	2373,089		27	F	F84c	58165F84c	EGWO	36	38	2	5	4,694.765	2,722.199	2.65	5.45
3921,429	2507,355		58173F84c	EGWO	38	3921,429	2311,282		3	F	F84c	58173F84c	EGWO	33	36	3	5	4,694.765	2,299.736	2.65	5.45
4104,33	2540,258		58203F84c	EGWO	43	4104,33	2362,844		14	F	F84c	58203F84c	EGWO	37	38	1	6	4,694.765	2,722.199	0.55	5.45
4363,777	3588,683		58203F84c	STWO	19	4363,777	3725,626		25	F	F84c	58203F84c	STWO	22	18	-4	-3	4,694.765	3,567.125	-3.65	-2.35
4097,095	2559,422		58238F84c	EGWO	40	4097,095	2456,983		111	F	F84c	58238F84c	EGWO	34	38	4	6	4,694.765	2,722.199	4.75	5.45
4097,574	3479,857		58246F84c	STWO	19	4097,574	3594,736		66	F	F84c	58246F84c	STWO	15	15	0	4	4,694.765	3,567.125	0.55	5.45
4108,366	2607,294		58262F84c	EGWO	40	4108,366	2467,98		16	F	F84c	58262F84c	EGWO	33	37	4	7	4,694.765	2,722.199	4.75	5.45
3725,214	2402,441		58270F84c	EGWO	40	3725,214	2236,37		55	F	F84c	58270F84c	EGWO	32	36	4	8	3,112.304	2,299.736	4.75	9.35
3670,693	2331,618		58289F84c	EGWO	41	3670,693	2182,173		50	F	F84c	58289F84c	EGWO	33	37	4	8	3,112.304	2,299.736	4.75	9.35
4523,339	3612,182		58297F84c	STWO	29	4523,339	3180,879		16	F	F84c	58297F84c	STWO	22	20	-2	7	4,694.765	3,567.125	-1.55	5.45
4115,766	2709,024		58300F84c	EGWO	37	4115,766	2577,183		6	F	F84c	58300F84c	EGWO	31	34	3	6	4,694.765	2,722.199	2.65	5.45
4017,55	2513,587		58319F84c	EGWO	41	4017,55	2375,882		24	F	F84c	58319F84c	EGWO	34	37	3	7	4,694.765	2,722.199	2.65	5.45
4166,384	2669,771		58327F84c	EGWO	37	4166,384	2620,899		24	F	F84c	58327F84c	EGWO	33	36	3	4	4,694.765	2,722.199	2.65	5.45
3965,656	2454,855		58335F84c	EGWO	41	3965,656	2327,58		44	F	F84c	58335F84c	EGWO	36	38	2	5	4,694.765	2,299.736	2.65	5.45
4505,546	2764,86		58343F84c	EGWO	38	4505,546	2789,138		10	F	F84c	58343F84c	EGWO	36	39	3	2	4,694.765	2,722.199	2.65	1.55
4544,598	3592,888		58343F84c	STWO	29	4544,598	3120,009		10	F	F84c	58343F84c	STWO	21	20	-1	8	4,694.765	3,567.125	-1.55	9.35
4003,88	2654,248		58351F84c	EGWO	37	4003,88	2515,056		28	F	F84c	58351F84c	EGWO	30	33	3	7	4,694.765	2,722.199	2.65	5.45
4201,465	2712,849		58378F84c	EGWO	36	4201,465	2673,562		52	F	F84c	58378F84c	EGWO	32	35	3	4	4,694.765	2,722.199	2.65	5.45
4367,401	2659,687		58386F84c	EGWO	40	4367,401	2628,489		32	F	F84c	58386F84c	EGWO	36	39	3	4	4,694.765	2,722.199	2.65	5.45
4414,006	2726,612		58394F84c	EGWO	38	4414,006	2743,565		26	F	F84c	58394F84c	EGWO	35	38	3	3	4,694.765	2,722.199	2.65	1.55
4123,409	2668,281		58408F84c	EGWO	38	4123,409	2543,126		10	F	F84c	58408F84c	EGWO	31	35	4	7	4,694.765	2,722.199	4.75	5.45
4163,072	2612,755		58416F84c	EGWO	39	4163,072	2549,777		55	F	F84c	58416F84c	EGWO	34	37	3	5	4,694.765	2,722.199	2.65	5.45
4149,019	2742,751		58424F84c	EGWO	37	4149,019	2611,003		14	F	F84c	58424F84c	EGWO	30	34	4	7	4,694.765	2,722.199	4.75	5.45
4316,166	2933,749		58432F84c	EGWO	34	4316,166	2855,398		18	F	F84c	58432F84c	EGWO	33	36	3	1	4,694.765	3,144.662	2.65	1.55
4177,848	2691,699		58564F84c	EGWO	39	4177,848	2505,675		38	F	F84c	58564F84c	EGWO	32	36	4	7	4,694.765	2,722.199	4.75	5.45

4063,79	2580,879	[redacted]	58815N74c	EGWO	40	4063,79	2328,645	[redacted]	173	N	N74c	58815N74c	EGWO	38	36	-2	2	4,694.765	2,722.199	-1.55	1.55
4436,64	2770,183		58831N74c	EGWO	41	4436,64	2638,702		28	N	N74c	58831N74c	EGWO	34	38	4	7	4,694.765	2,722.199	4.75	5.45
4473,512	2785,711		58858N74c	EGWO	41	4473,512	2644,134		26	N	N74c	58858N74c	EGWO	34	38	4	7	4,694.765	2,722.199	4.75	5.45
4325,107	2609,517		58866N74c	EGWO	46	4325,107	2345,987		24	N	N74c	58866N74c	EGWO	36	40	4	10	4,694.765	2,722.199	4.75	9.35
3842,693	2654,488		58874N74c	EGWO	40	3842,693	2253,062		10	N	N74c	58874N74c	EGWO	34	36	2	6	3,112.304	2,722.199	2.65	5.45
4675,865			58882N74c	EGWO	40	4675,865	2855,632		20	N	N74c	58882N74c	EGWO	39	41	2	1	4,694.765		2.65	1.55
3506,376	2444,137		58998T94b	EGWO	30	3506,376	2452,794		36	T	T94b	58998T94b	EGWO	27	30	3	3	3,112.304	2,299.736	2.65	1.55
3405,59	3452,693		58998T94b	STWO	8	3405,59	3575,054		10	T	T94b	58998T94b	STWO	9	6	-3	-1	3,112.304	3,567.125	-3.65	-2.35
3286,092	2420,297		59005T94b	EGWO	27	3286,092	2388,103		25	T	T94b	59005T94b	EGWO	24	26	2	3	3,112.304	2,299.736	2.65	1.55
3760,771	3463,779		59005T94b	STWO	13	3760,771	2847,688		4	T	T94b	59005T94b	STWO	8	6	-2	5	3,112.304	3,567.125	-1.55	5.45
3364,052	2508,843		59013T94b	EGWO	22	3364,052	2580,28		39	T	T94b	59013T94b	EGWO	21	25	4	1	3,112.304	2,299.736	4.75	1.55
3706,781	2663,561		59021T94b	EGWO	25	3706,781	2759,219		26	T	T94b	59021T94b	EGWO	23	28	5	2	3,112.304	2,722.199	4.75	1.55
4132,653	2629,754		59048T94b	EGWO	27	4132,653	2825,249		2	T	T94b	59048T94b	EGWO	23	28	5	4	4,694.765	2,722.199	4.75	5.45
3466,096	3396,871		59048T94b	STWO	8	3466,096	3552,263		50	T	T94b	59048T94b	STWO	5	5	0	3	3,112.304	3,567.125	0.55	1.55
3212,946	2317,683		59056T94b	EGWO	30	3212,946	2249,498		19	T	T94b	59056T94b	EGWO	23	28	5	7	3,112.304	2,299.736	4.75	5.45
3322,357	3119,877		59056T94b	STWO	18	3322,357	2300,131		15	T	T94b	59056T94b	STWO	8	6	-2	10	3,112.304	3,144.662	-1.55	9.35
3155,647	2326,645		59064T94b	EGWO	27	3155,647	2302,626		12	T	T94b	59064T94b	EGWO	25	26	1	2	3,112.304	2,299.736	0.55	1.55
3338,355	3386,612		59064T94b	STWO	8	3338,355	3512,993		41	T	T94b	59064T94b	STWO	5	5	0	3	3,112.304	3,567.125	0.55	1.55
3210,227	2449,568		59072T94b	EGWO	27	3210,227	2589,105		2	T	T94b	59072T94b	EGWO	23	28	5	4	3,112.304	2,299.736	4.75	5.45
3616,429	3385,568		59072T94b	STWO	8	3616,429	3709,628		19	T	T94b	59072T94b	STWO	7	7	0	1	3,112.304	3,567.125	0.55	1.55
3374,679	3133,799		59080T94b	STWO	18	3374,679	2332,206		25	T	T94b	59080T94b	STWO	11	7	-4	7	3,112.304	3,144.662	-3.65	5.45
3462,684	3299,315		59099T94b	STWO	8	3462,684	3607,73		28	T	T94b	59099T94b	STWO	7	6	-1	1	3,112.304	3,144.662	-1.55	1.55
3925,552	2572,814		59102T93j	EGWO	30	3925,552	2759,493		30	T	T93j	59102T93j	EGWO	30	34	4	0	4,694.765	2,722.199	4.75	1.55
3701,585	2976,972		59110T93j	EGWO	22	3701,585	2905,056		20	T	T93j	59110T93j	EGWO	20	24	4	2	3,112.304	3,144.662	4.75	1.55
3632,019	2551,567		59129T93j	EGWO	26	3632,019	2672,25		53	T	T93j	59129T93j	EGWO	25	30	5	1	3,112.304	2,722.199	4.75	1.55
3630,327	2554,712		59137T93j	EGWO	27	3630,327	2569,257		55	T	T93j	59137T93j	EGWO	25	30	5	2	3,112.304	2,722.199	4.75	1.55
3951,923	3182,751		59145T93j	EGWO	27	3951,923	3648,5		1	T	T93j	59145T93j	EGWO	25	29	4	2	4,694.765	3,144.662	4.75	1.55
3393,457	2431,859		59153T93j	EGWO	28	3393,457	2428,547		25	T	T93j	59153T93j	EGWO	23	28	5	5	3,112.304	2,299.736	4.75	5.45
3381,213	3159,107		59153T93j	STWO	30	3381,213	2346,582		18	T	T93j	59153T93j	STWO	14	7	-7	16	3,112.304	3,144.662	-7.85	17.15
5258,122	3772,697		59161M33	STWO	35	5258,122	3410,462		42	M	M33b	59161M33b	STWO	35	33	-2	0	4,694.765	3,567.125	-1.55	1.55
5296,483	3691,995		59161M33	STWO	31	5296,483	3656,078		38	M	M33g	59161M33g	STWO	33	30	-3	-2	4,694.765	3,567.125	-3.65	-2.35
5627,97	2934,222		59196M33	EGWO	49	5627,97	2835,796		10	M	M33b	59196M33b	EGWO	48	48	0	1	6,277.225	3,144.662	0.55	1.55
5285,936	2659,174		59226M33	EGWO	49	5285,936	2344,298		20	M	M33b	59226M33b	EGWO	49	49	0	0	4,694.765	2,722.199	0.55	1.55
5428,944	3766,416		59234M33	STWO	31	5428,944	3705,323		120	M	M33b	59234M33b	STWO	33	31	-2	-2	4,694.765	3,567.125	-1.55	-2.35
5857,937	3758,618		59250M33	STWO	39	5857,937	2678,655		25	M	M33b	59250M33b	STWO	38	36	-2	1	6,277.225	3,567.125	-1.55	1.55
7014,724	4114,366		59277A04g	STWO	45	7014,724	3347,362		18	A	A04g	59277A04g	STWO	42	41	-1	3	6,277.225	3,989.588	-1.55	1.55
7176,502	4239,413		59285A04g	STWO	45	7176,502	3504,537		18	A	A04g	59285A04g	STWO	42	41	-1	3	7,859.686	4,412.051	-1.55	1.55
3984,529	2695,341		59315F85a	EGWO	37	3984,529	2395,797		34	F	F85a	59315F85a	EGWO	31	32	1	6	4,694.765	2,722.199	0.55	5.45
4477,972			59315F85a	STWO	31	4477,972	3065,061		58	F	F85a	59315F85a	STWO	26	24	-2	5	4,694.765		-1.55	5.45
3877,877	2648,569		59323F85a	EGWO	38	3877,877	2337,993		43	F	F85a	59323F85a	EGWO	32	32	0	6	3,112.304	2,722.199	0.55	5.45
4444,754	2850,449		59331F85a	EGWO	38	4444,754	2528,139		15	F	F85a	59331F85a	EGWO	35	36	1	3	4,694.765	2,722.199	0.55	1.55
4005,798	2524,615		59358F85a	EGWO	42	4005,798	2291,182		66	F	F85a	59358F85a	EGWO	35	37	2	7	4,694.765	2,722.199	2.65	5.45
4927,572	2685,111		59404F77b	EGWO	47	4927,572	2628,784		25	F	F77b	59404F77b	EGWO	43	45	2	4	4,694.765	2,722.199	2.65	5.45
4933,302	2697,732		59412F77b	EGWO	47	4977,316	2664,516		13	F	F77b	59412F77b	EGWO	44	45	1	3	4,694.765	2,722.199	0.55	1.55
4129,461	3305,36		59412F77b	STWO	23	4129,461	2510,227		6	F	F77b	59412F77b	STWO	17	20	3	6	4,694.765	3,144.662	2.65	5.45
4755,192	2617,473		59420F77b	EGWO	49	4755,192	2412,385		32	F	F77b	59420F77b	EGWO	42	45	3	7	4,694.765	2,722.199	2.65	5.45
4863,991	3094,5		59439F77b	EGWO	42	4863,991	2443,54		22	F	F77b	59439F77b	EGWO	40	40	0	2	4,694.765	3,144.662	0.55	1.55
4341,258	3413,369		59439F77b	STWO	23	4294,772	2546,428		7	F	F77b	59439F77b	STWO	17	21	4	6	4,694.765	3,567.125	4.75	5.45
4874,176	2663,956		59447F77b	EGWO	48	4874,176	2556,991		24	F	F77b	59447F77b	EGWO	44	45	1	4	4,694.765	2,722.199	0.55	5.45
4825	3459,383		59447F77b	STWO	18	4825	2881,746		4	F	F77b	59447F77b	STWO	16	17	1	2	4,694.765	3,567.125	0.55	1.55
5144,721	2685,201		59455F77b	EGWO	49	5144,721	2516,775		32	F	F77b	59455F77b	EGWO	45	48	3	4	4,694.765	2,722.199	2.65	5.45
5085,12			59455F77b	STWO	18	5085,12			2	F	F77b	59455F77b	STWO	16	17	1	2	4,694.765		0.55	1.55
5117,403	3693,176		59463F86b	STWO	31	5117,403	3578,178		20	F	F86b	59463F86b	STWO		28			4,694.765	3,567.125		
5462,925	3771,138		59498M32	STWO	30	5462,925	3798,821		42	M	M32c	59498M32c	STWO	34	31	-3	-4	4,694.765	3,567.125	-3.65	-2.35
6479,587	4163,808		59501A04g	STWO	35	6479,587	4340,787		27	A	A04g	59501A04g	STWO	37	36	-1	-2	6,277.225	3,989.588	-1.55	-2.35
7592,351	4279,009		59528K23c	STWO	45	7592,351	4127,93		675	K	K23d	59528K23d	STWO	46	44	-2	-1	7,859.686	4,412.051	-1.55	-2.35
6380,712	3041,607		59625M33	EGWO	49	6380,712	2698,322		86	M	M33f	59625M33f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6067,08	3792,107		59625M33	STWO	39	6067,08	3662,906		80	M	M33f	59625M33f	STWO	41	37	-4	-2	6,277.225	3,989.588	-3.65	-2.35
5592,011	3668,067		59633E75a	STWO	49	5592,011	2633,309		23	E	E75a	59633E75a	STWO	36	34	-2	13	6,277.225	3,567.125	-1.55	13.25
5974,186	3468,393		59641N66c	EGWO	33	5974,186	3561,233		17	N	N66d	59641N66d	EGWO	40	41	1	-7	6,277.225	3,567.125	0.55	-6.25
6498,883	4006,237		59668A04f	STWO	49	6498,883	3140,673		46	A	A04f	59668A04f	STWO	44	39	-5	5	6,277.225	3,989.588	-5.75	5.45
6055,72	3810,477		59714K90i	STWO	39	6055,72	3655,31		31	K	K90i	59714K90i	STWO	44	36	-8	-5	6,277.225	3,989.588	-7.85	-6.25
6023,183	3819,552		59722K90i	STWO	40	6023,183	3633,61		37	K	K90i	59722K90i	STWO	42	37	-5	-2	6,277.225	3,989.588	-5.75	-2.35
6321,865	3997,606		59730K90i	STWO	39	6321,865	3877,101		38	K	K90i	59730K90i	STWO	45	38	-7	-6	6,277.225	3,989.588	-7.85	-6.25
7070,776	4092,12		59862E12b	STWO	48	7070,776	3702,363		257	E	E12b	59862E12b	STWO	46	42	-4	2	7,859.686	3,989.588	-3.65	1.55
5734,9	3832,061		59919F87c	STWO	34	5734,9	3738,756		71	F	F87c	59919F87c	STWO	34	33	-1	0	6,277.225	3,989.588	-1.55	1.55
6780,347	4159,52		59927E14f	STWO	46	6785,716	3668,632		197	E	E14f	59927E14f	STWO	42	39	-3	4	6,277.225	3,989.588	-3.65	5.45
6069,876	2731,141		59951M56	EGWO	49	6069,876	2495,267		17	M	M56f	59951M56f	EGWO	49	45	-4	0	6,277.225	2,722.199	-3.65	1.55
5805,786	2850,613		59978M56	EGWO	49	5805,786	2434,76		58	M	M56f	59978M56f	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5676,064	2885,819		59986M56	EGWO	49	5676,064	2580,353		26	M	M56f	59986M56f	EGWO	48	49	1	1	6,277.225	2,722.199	0.55	1.55
6240,418	2982,408		59994M56	EGWO	49	6240,418	2734,004		89	M	M56f	59994M56f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5712,219	2891,875		60003M56	EGWO	49	5712,219	2582,016		26	M	M56f	60003M56f	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4550,756	3336,207		60011M56	STWO	29	4550,756	3225,911		101	M	M56f	60011M56f	STWO	28	27	-1	1	4,694.765	3,144.662	-1.55	1.55
7866,667			60038M56	EGWO	49	7866,667			1	M	M56f	60038M56f	EGWO	49	49	0	0	7,859.686		0.55	1.55
4867,306	3462,489		60038M56	STWO	34	4867,306	3203,901		190	M	M56f	60038M56f	STWO	30	29	-1	4	4,694.765	3,567.125	-1.55	5.45
4000,1	3231,207		60046F76b	STWO	15	4000,1	2825,844		72	F	F76b	60046F76b	STWO	17	18	1	-2	4,694.765	3,144.662	0.55	-2.35
5772,708			60062A09i	STWO	36	5772,708			45	A	A09i	60062A09i	STWO	38	36	-2	-2	6,277.225		-1.55	-2.35
4569,724	2915,547		60089N66c	EGWO	34	4569,724	3003,309		7	N	N66d	60089N66d	EGWO	35	36	1	-1	4,694.765	2,722.199	0.55	-2.35
5549,078	3670,805		60151M32	STWO	34	5549,078	3647,366		35	M	M32c	60151M32c	STWO	37	34	-3	-3	6,277.225	3,567.125	-3.65	-2.35
4252,252	2519,438		60364F84c	EGWO	38	4252,252	2450,439		2	F	F84c	60364F84c	EGWO	33	36	3	5	4,694.765	2,722.199	2.65	5.45
4252,252	2519,438		60372F84c	EGWO	38	4252,252	2422,518		2	F	F84c	60372F84c	EGWO	33	36	3	5	4,694.765	2,722.199	2.65	5.45
4175,616	2573,948		60380F84c	EGWO	35	4175,616	2681,838		40	F	F84c	60380F84c	EGWO	36	38	2	-1	4,694.765	2,722.199	2.65	-2.35
4067,563	2459,352		60399F84c	EGWO	38	4067,563	2315,423		4	F	F84c	60399F84c	EGWO	33	40	7	5	4,694.765	2,299.736	6.85	5.45
4027,03	2451,946		60402F84c	EGWO	42	4027,03	2353,332		27	F	F84c	60402F84c	EGWO	36	39	3	6	4,694.765	2,299.736	2.65	5.45
4185,752	2577,688		60410F84c	EGWO	41	4185,752	2460,194		16	F	F84c	60410F84c	EGWO	34	38	4	7	4,694.765	2,722.199	4.75	5.45
4196,75	2508,012		60429F84c	EGWO	41	4196,75	2479,777		18	F	F84c	60429F84c	EGWO	35	38	3	6	4,694.765	2,722.199	2.65	5.45
4016,219	2500,706		60437F84c	EGWO	41	4016,219	2384,803		28	F	F84c	60437F84c	EGWO	35	38	3	6	4,694.765	2,299.736	2.65	5.45
4013,875	2454,012		60445F84c	EGWO	42	4013,875	2298,56		21	F	F84c	60445F84c	EGWO	35	39	4	7	4,694.765	2,299.736	4.75	5.45
5836,592	3957,769		60445F84c	STWO	24	5836,592	3239,618		4	F	F84c	60445F84c	STWO	20	20	0	4	6,277.225	3,989.588	0.55	5.45
4850,526	3038,934		60453F84c	EGWO	33	4850,526	3521,79		11	F	F84c	60453F84c	EGWO	34	39	5	-1	4,694.765	3,144.662	4.75	-2.35
4252,842	2657,126		60461F84c	EGWO	38	4252,842	2541,978		3	F	F84c	60461F84c	EGWO	33	39	6	5	4,694.765	2,722.199	6.85	5.45
4294,283	2734,099		60488F84c	EGWO	38	4294,283	2590,656		3	F	F84c	60488F84c	EGWO	33	36	3	5	4,694.765	2,722.199	2.65	5.45
3426,841	2531,093		60496F84c	EGWO	33	3426,841	2280,111		26	F	F84c	60496F84c	EGWO	29	31	2	4	3,112.304	2,722.199	2.65	5.45
3817,915	2515,758		60518F84c	EGWO	38	3817,915	2332,604		80	F	F84c	60518F84c	EGWO	34	35	1	4	3,112.304	2,722.199	0.55	5.45
5540,419	3889,497		60518F84c	STWO	24	5540,419	3439,748		4	F	F84c	60518F84c	STWO	20	25	5	4	6,277.225	3,989.588	4.75	5.45
3854,008	2532,68		60526F84c	EGWO	38	3854,008	2335,102		42	F	F84c	60526F84c	EGWO	32	34	2	6	3,112.304	2,722.199	2.65	5.45
4226,215	2646,806		60534F84c	EGWO	37	4226,215	2486,053		64	F	F84c	60534F84c	EGWO	33	37	4	4	4,694.765	2,722.199	4.75	5.45
3201,245	2369,406		60712T93c	EGWO	26	3201,245	2330,615		6	T	T93d	60712T93d	EGWO	21	27	6	5	3,112.304	2,299.736	6.85	5.45
3850,651	3436,383		60712T93c	STWO	11	3850,651	3426,969		14	T	T93d	60712T93d	STWO	10	11	1	1	3,112.304	3,567.125	0.55	1.55
3483,169	2427,29		60720T93c	EGWO	26	3483,169	2213,386		39	T	T93d	60720T93d	EGWO	26	30	4	0	3,112.304	2,299.736	4.75	1.55
3296,313	2451,444		60739T93c	EGWO	22	3296,313	2191,556		28	T	T93d	60739T93d	EGWO	19	26	7	3	3,112.304	2,299.736	6.85	1.55
3131,207	2331,449		60747T93c	EGWO	25	3131,207	2328,052		28	T	T93d	60747T93d	EGWO	23	26	3	2	3,112.304	2,299.736	2.65	1.55
3692,917	2464,541		60771F84c	EGWO	35	3692,917	2339,249		57	F	F84c	60771F84c	EGWO	28	33	5	7	3,112.304	2,299.736	4.75	5.45

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4962,835	3582,652	[redacted]	61700M35	STWO	34	4962,835	3242,703	[redacted]	258	M	M35c	61700M35c	STWO	31	29	-2	3	4,694.765	3,567.125	-1.55	1.55
4647,886	2559,109		61700M35	EGWO	49	4647,886	2206,613		5	M	M35e	61700M35e	EGWO	48	45	-3	1	4,694.765	2,722.199	-3.65	1.55
4454,481	3555,659		61700M35	STWO	24	4454,481	3396,361		112	M	M35e	61700M35e	STWO	23	21	-2	1	4,694.765	3,567.125	-1.55	1.55
4763,537	2618,925		61700M35	EGWO	49	4763,537	2315,106		12	M	M35f	61700M35f	EGWO	45	45	0	4	4,694.765	2,722.199	0.55	5.45
4558,668	3530,537		61700M35	STWO	26	4558,668	3341,403		179	M	M35f	61700M35f	STWO	24	23	-1	2	4,694.765	3,567.125	-1.55	1.55
5463,076	2798,619		61700M51	EGWO	49	5463,076	2458,122		26	M	M51b	61700M51b	EGWO	48	49	1	1	4,694.765	2,722.199	0.55	1.55
4999,66	3554,243		61700M51	STWO	34	4999,66	2620,336		21	M	M51b	61700M51b	STWO	31	29	-2	3	4,694.765	3,567.125	-1.55	1.55
4252,552	3369,235		61700M51	EGWO	24	4252,552	3218,646		23	M	M51c	61700M51c	STWO	25	21	-4	-1	4,694.765	3,567.125	-3.65	-2.35
6309,932	3353,848		61719N73l	EGWO	41	6309,932	3689,463		15	N	N73b	61719N73b	EGWO	44	47	3	-3	6,277.225	3,144.662	2.65	-2.35
6355,33	3313,262		61727N73l	EGWO	45	6355,33	3516		1	N	N73b	61727N73b	EGWO	40	45	5	5	6,277.225	3,144.662	4.75	5.45
4722,8	3651,088		61875M35	STWO	21	4722,8	3512,636		9	M	M35f	61875M35f	STWO	25	23	-2	-4	4,694.765	3,567.125	-1.55	-2.35
5659,611	3886,345		61905M33	STWO	40	5659,611	3159,711		55	M	M33a	61905M33a	STWO	37	33	-4	3	6,277.225	3,989.588	-3.65	1.55
5635,645	3783,88		61921M33	STWO	32	5635,645	3783,316		191	M	M33a	61921M33a	STWO	36	33	-3	-4	6,277.225	3,989.588	-3.65	-2.35
5836,677	3753,527		61956M33	STWO	36	5836,677	3746,938		65	M	M33a	61956M33a	STWO	38	37	-1	-2	6,277.225	3,567.125	-1.55	-2.35
5705,562	3723,112		61964M33	STWO	35	5705,562	3685,687		65	M	M33a	61964M33a	STWO	37	36	-1	-2	6,277.225	3,567.125	-1.55	-2.35
4966,399	3548,344		61972M33	STWO	30	4966,399	3531,655		66	M	M33a	61972M33a	STWO	33	29	-4	-3	4,694.765	3,567.125	-3.65	-2.35
7189,899	4085,825		61999K23c	STWO	49	7189,899	3612,558		97	K	K23d	61999K23d	STWO	47	43	-4	2	7,859.686	3,989.588	-3.65	1.55
7106,249	4191,376		62014K23c	STWO	47	7106,249	3775,931		90	K	K23d	62014K23d	STWO	45	41	-4	2	7,859.686	3,989.588	-3.65	1.55
6980	4224,696		62022K23c	STWO	45	6980	3932,962		4	K	K23d	62022K23d	STWO	45	40	-5	0	6,277.225	4,412.051	-5.75	1.55
6160,611	3926,152		62081E42a	STWO	41	6160,611	3612,923		39	E	E42a	62081E42a	STWO	39	38	-1	2	6,277.225	3,989.588	-1.55	1.55
3307,032	2323,678		62111T93c	EGWO	32	3307,032	2214,347		65	T	T93d	62111T93d	EGWO	24	29	5	8	3,112.304	2,299.736	4.75	9.35
3720,494	3204,696		62111T93c	STWO	7	3720,494	2529,317		3	T	T93d	62111T93d	STWO	6	12	6	1	3,112.304	3,144.662	6.85	1.55
3332,409	2535,082		62138T93c	EGWO	24	3332,409	2293,174		60	T	T93d	62138T93d	EGWO	19	24	5	5	3,112.304	2,722.199	4.75	5.45
3825,199	3525,362		62138T93c	STWO	10	3825,199	3626,379		70	T	T93d	62138T93d	STWO	10	10	0	0	3,112.304	3,567.125	0.55	1.55
3463,797	2541,968		62146T93c	EGWO	22	3463,797	2345,987		10	T	T93d	62146T93d	EGWO	20	27	7	2	3,112.304	2,722.199	6.85	1.55
3270,493	2390,94		62154T93c	EGWO	29	3270,493	2317,324		18	T	T93d	62154T93d	EGWO	21	27	6	8	3,112.304	2,299.736	6.85	9.35
3329,312	2435,534		62162T93c	EGWO	29	3329,312	2364,752		8	T	T93d	62162T93d	EGWO	22	27	5	7	3,112.304	2,299.736	4.75	5.45
3415,929	2763,487		62170T93c	EGWO	27	3415,929	2773		1	T	T93d	62170T93d	EGWO	22	27	5	5	3,112.304	2,722.199	4.75	5.45
3321,548	2322,368		62189T93c	EGWO	32	3321,548	2246,774		9	T	T93d	62189T93d	EGWO	25	31	6	7	3,112.304	2,299.736	6.85	5.45
3639,175	3220,483		62189T93c	STWO	7	3639,175	2412,735		1	T	T93d	62189T93d	STWO	6	7	1	1	3,112.304	3,144.662	0.55	1.55
3179,313	2464,955		62219T93c	EGWO	22	3179,313	2517,086		11	T	T93d	62219T93d	EGWO	17	23	6	5	3,112.304	2,299.736	6.85	5.45
3614,461	3288,832		62219T93c	STWO	8	3614,461	3328,074		27	T	T93d	62219T93d	STWO	9	9	0	-1	3,112.304	3,144.662	0.55	-2.35
3209,43	2425,585		62227T93c	EGWO	24	3209,43	2447,12		14	T	T93d	62227T93d	EGWO	18	25	7	6	3,112.304	2,299.736	6.85	5.45
3027,397	2300,546		62235T93c	EGWO	24	3027,397	2290,738		15	T	T93d	62235T93d	EGWO	17	24	7	7	3,112.304	2,299.736	6.85	5.45
10909,09	4407,391		62278A09e	EGWO	49	10909,09	4642,74		1	A	A09e	62278A09e	EGWO	49	49	0	0	11,024.607	4,412.051	0.55	1.55
7596,378	3228,968		62278A09f	EGWO	49	7596,378	2659,234		30	A	A09f	62278A09f	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6256,885	4001,247		62278A09f	STWO	32	6260,061	4201,358		237	A	A09f	62278A09f	STWO	40	36	-4	-8	6,277.225	3,989.588	-3.65	-6.25
4183,025	2644,159		62294T94l	EGWO	32	4183,025	2835,483		194	T	T94l	62294T94l	EGWO	32	37	5	0	4,694.765	2,722.199	4.75	1.55
3415,863	2505,856		62308T94h	EGWO	27	3415,863	2495,926		51	T	T94h	62308T94h	EGWO	25	27	2	2	3,112.304	2,299.736	2.65	1.55
3496,276	2697,803		62316T94h	EGWO	20	3496,276	2909,035		5	T	T94h	62316T94h	EGWO	18	23	5	2	3,112.304	2,722.199	4.75	1.55
3546,761	2563,619		62324T94h	EGWO	26	3546,761	2621,225		10	T	T94h	62324T94h	EGWO	23	28	5	3	3,112.304	2,722.199	4.75	1.55
3698,046	2631,568		62332T94h	EGWO	26	3698,046	2729,427		15	T	T94h	62332T94h	EGWO	24	29	5	2	3,112.304	2,722.199	4.75	1.55
3751,302	2650,39		62340T94h	EGWO	27	3751,302	2753,478		16	T	T94h	62340T94h	EGWO	24	29	5	3	3,112.304	2,722.199	4.75	1.55
3482,895	3089,837		62340T94h	STWO	9	3482,895	3154,666		84	T	T94h	62340T94h	STWO	6	11	5	3	3,112.304	3,144.662	4.75	1.55
3623,583	2580,414		62359T94h	EGWO	27	3637,932	2650,662		44	T	T94h	62359T94h	EGWO	24	29	5	3	3,112.304	2,722.199	4.75	1.55
3569,701	2693,893		62367T94h	EGWO	20	3569,701	2791,578		43	T	T94h	62367T94h	EGWO	19	25	6	1	3,112.304	2,722.199	6.85	1.55
3583,434	2569,157		62375T94h	EGWO	27	3583,434	2623,385		19	T	T94h	62375T94h	EGWO	22	28	6	5	3,112.304	2,722.199	6.85	5.45
3576,78	2564,218		62383T94h	EGWO	27	3576,78	2609,189		31	T	T94h	62383T94h	EGWO	23	28	5	4	3,112.304	2,722.199	4.75	5.45
4344,642	2436,932		62421M35	EGWO	47	4344,642	2260,127		55	M	M35b	62421M35b	EGWO	46	44	-2	1	4,694.765	2,299.736	-1.55	1.55
5175,462	3723,641		62421M35	STWO	41	5175,462	3084,098		56	M	M35b	62421M35b	STWO	31	29	-2	10	4,694.765	3,567.125	-1.55	9.35
4310,128	2427,709		62448M35	EGWO	47	4310,128	2244,177		54	M	M35b	62448M35b	EGWO	45	44	-1	2	4,694.765	2,299.736	-1.55	1.55
5321,763	3716,843		62448M35	STWO	44	5321,763	2871,28		6	M	M35b	62448M35b	STWO	31	30	-1	13	4,694.765	3,567.125	-1.55	13.25
4669,508	2754,311		62456M35	EGWO	45	4669,508	2363,866		14	M	M35b	62456M35b	EGWO	44	41	-3	1	4,694.765	2,722.199	-3.65	1.55
5471,485	3397,126		62464M35	EGWO	42	5471,485	4063,44		2	M	M35b	62464M35b	EGWO	44	43	-1	-2	4,694.765	3,567.125	-1.55	-2.35
5721,122	3937,549		62464M35	STWO	39	5721,122	3207,846		4	M	M35b	62464M35b	STWO	31	28	-3	8	6,277.225	3,989.588	-3.65	9.35
4346,331	2520,184		62472M35	EGWO	42	4346,331	2739,39		4	M	M35b	62472M35b	EGWO	44	43	-1	-2	4,694.765	2,722.199	-1.55	-2.35
4540,323	3388,062		62472M35	STWO	39	4540,323	3154,158		1	M	M35b	62472M35b	STWO	31	28	-3	8	4,694.765	3,567.125	-3.65	9.35
5382,412	3389,493		62480M35	EGWO	37	5382,412	3998,247		21	M	M35b	62480M35b	EGWO	39	38	-1	-2	4,694.765	3,567.125	-1.55	-2.35
4444,123	3494,721		62499N61l	STWO	29	4444,123	3411,598		126	N	N61b	62499N61b	STWO	23	22	-1	6	4,694.765	3,567.125	-1.55	5.45
5229,664	2830,198		62502N65c	EGWO	43	5229,664	2919,346		50	N	N65d	62502N65d	EGWO	43	45	2	0	4,694.765	2,722.199	2.65	1.55
5442,944	3054,487		62510N65c	EGWO	43	5442,944	2936,063		15	N	N65d	62510N65d	EGWO	42	44	2	1	4,694.765	3,144.662	2.65	1.55
5145,592	3005,189		62529N65c	EGWO	40	5145,592	2982,325		14	N	N65d	62529N65d	EGWO	40	42	2	0	4,694.765	3,144.662	2.65	1.55
4984,055	3015,02		62537N65c	EGWO	40	4984,055	2813,851		27	N	N65d	62537N65d	EGWO	38	41	3	2	4,694.765	3,144.662	2.65	1.55
4901,602	2926,785		62545N65c	EGWO	40	4901,602	2833,385		28	N	N65d	62545N65d	EGWO	38	40	2	2	4,694.765	2,722.199	2.65	1.55
5022,244	2980,193		62553N65c	EGWO	40	5022,244	2839,887		28	N	N65d	62553N65d	EGWO	38	41	3	2	4,694.765	3,144.662	2.65	1.55
4901,272	2952,345		62561N65c	EGWO	40	4901,272	2817,088		29	N	N65d	62561N65d	EGWO	38	40	2	2	4,694.765	3,144.662	2.65	1.55
4942,28	2955,806		62588N65c	EGWO	40	4942,28	2925,353		34	N	N65d	62588N65d	EGWO	39	40	1	1	4,694.765	3,144.662	0.55	1.55
4848,797	2898,155		62596N65c	EGWO	40	4848,797	2909,388		17	N	N65d	62596N65d	EGWO	38	40	2	2	4,694.765	2,722.199	2.65	1.55
5317,755	3790,03		62650M56	STWO	29	5316,85	3736,108		563	M	M56h	62650M56h	STWO	32	29	-3	-3	4,694.765	3,989.588	-3.65	-2.35
3950,591	2547,146		62677F81c	EGWO	35	3950,591	2460,375		25	F	F81d	62677F81d	EGWO	33	36	3	2	4,694.765	2,722.199	2.65	1.55
4307,293	3599,034		62677F81c	STWO	12	4307,293	3703,658		48	F	F81d	62677F81d	STWO	15	15	0	-3	4,694.765	3,567.125	0.55	-2.35
4576,794	2490,407		62685M35	EGWO	47	4576,794	2266,366		26	M	M35b	62685M35b	EGWO	48	46	-2	-1	4,694.765	2,299.736	-1.55	-2.35
5031,471	3552,571		62685M35	STWO	44	5031,471	2548,982		31	M	M35b	62685M35b	STWO	33	30	-3	11	4,694.765	3,567.125	-3.65	9.35
4944,147	3459,268		62707M35	STWO	39	4944,147	2339,858		2	M	M35b	62707M35b	STWO	31	28	-3	8	4,694.765	3,567.125	-3.65	9.35
5137,744	3130,706		62723M35	EGWO	37	5137,744	3787,214		12	M	M35b	62723M35b	EGWO	40	39	-1	-3	4,694.765	3,144.662	-1.55	-2.35
4492,042	2502,514		62758M35	EGWO	47	4492,042	2261,019		42	M	M35b	62758M35b	EGWO	46	44	-2	1	4,694.765	2,299.736	-1.55	1.55
5034,171	3517,139		62758M35	STWO	39	5034,171	2465,862		2	M	M35b	62758M35b	STWO	31	28	-3	8	4,694.765	3,567.125	-3.65	9.35
4543,13	2604,853		62766M35	EGWO	43	4543,13	2578,481		39	M	M35b	62766M35b	EGWO	45	43	-2	-2	4,694.765	2,722.199	-1.55	-2.35
5147,25	3538,033		62766M35	STWO	39	5147,25	2573,519		4	M	M35b	62766M35b	STWO	31	28	-3	8	4,694.765	3,567.125	-3.65	9.35
5145,609	2892,048		62774M35	EGWO	46	5145,609	2685,832		25	M	M35b	62774M35b	EGWO	46	44	-2	0	4,694.765	2,722.199	-1.55	1.55
5846,494	3842,841		62774M35	STWO	39	5846,494	3095,69		4	M	M35b	62774M35b	STWO	31	28	-3	8	6,277.225	3,989.588	-3.65	9.35
5302,569	3251,533		62782M35	EGWO	38	5302,569	3270,13		5	M	M35b	62782M35b	EGWO	40	39	-1	-2	4,694.765	3,144.662	-1.55	-2.35
5525,274	4246,672		62782M35	STWO	34	5525,274	4128,366		5	M	M35b	62782M35b	STWO	31	28	-3	3	6,277.225	4,412.051	-3.65	1.55
4255,599	2597,015		62790M35	EGWO	41	4255,599	2267,208		11	M	M35b	62790M35b	EGWO	42	39	-3	-1	4,694.765	2,722.199	-3.65	-2.35
4792,933	3021,777		62812M35	EGWO	42	4792,933	3334,839		3	M	M35b	62812M35b	EGWO	44	43	-1	-2	4,694.765	3,144.662	-1.55	-2.35
4541,667			62820M35	STWO	39	4541,667	2261,96		1	M	M35b	62820M35b	STWO	31	28	-3	8	4,694.765		-3.65	9.35
5074,419	3020,109		62839M35	EGWO	42	5074,419	3366,494		2	M	M35b	62839M35b	EGWO	44	43	-1	-2	4,694.765	3,144.662	-1.55	-2.35
5520,175	3636,657		62839M35	STWO	44	5520,175	2714,578		19	M	M35b	62839M35b	STWO	36	33	-3	8	6,277.225	3,567.125	-3.65	9.35
5368,14	3365,379		62847M35	EGWO	37	5368,14	3633,018		29	M	M35b	62847M35b	EGWO	39	38	-1	-2	4,694.765	3,567.125	-1.55	-2.35
5227,373	2832,192		62855M35	EGWO	47	5227,373	2781,821		21	M	M35b	62855M35b	EGWO	47	46	-1	0	4,694.765	2,722.199	-1.55	1.55
5311,338	3125,378		62863M35	EGWO	37	5311,338	3737,481		27	M	M35b	62863M35b	EGWO	42	42	0	-5	4,694.765	3,144.662	0.55	-6.25
5433,617	3231,299		62871M35	EGWO	44	5433,617	3014,896		14	M	M35b	62871M35b	EGWO	44	43	-1	0	4,694.765	3,144.662	-1.55	1.55
4021,684	3352,502		62928M35	STWO	34	4021,684	3113,86		28	M	M35b	62928M35b	STWO	26	23	-3	8	4,694.765	3,144.662	-3.65	9.35
7205,828	4453,924		63045A05a	STWO	37	7205,828	4512,704		31	A	A05a	63045A05a	STWO	41	38	-3	-4	7,859.686	4,412.051	-3.65	-2.35
6110,898	3927,958		63053A05a	STWO	42	6110,898	3858,224		3	A	A05a	63053A05a	STWO	44	41	-3	-2	6,277.225	3,989.588	-3.65	-2.35
7188,567	4422,27		63061A05a	STWO	45	7188,567	3911,568		9	A	A05a	63061A05a	STWO	44	41	-3	1	7,859.686	4,412.051	-3.65	1.55
7407,902	4331,243		63096K23c	STWO	46	7407,902	3877,369		40	K	K23d	63096K23d	STWO	44	41	-3	2	7,859.686	4,412.051	-3.65	1.55
7329,386	4248,606		63118K23c	STWO	46	7329,386	3759,454		49	K	K23d	63118K23d	STWO	43	42	-1	3	7,859.686	4,412.051	-1.55	1.55
7497	4290,702		63134K23c	STWO	46	7497	3886,146		13	K	K23d	63134K23d	STWO	45	43	-2	1	7,859.686	4,412.051	-1.55	1.55
7721,947	4400,784		63142K23c	STWO	43	7721,947	4374,255		87	K	K23d	63142K23d	STWO	45	42	-3	-2	7,859.686	4,412.051	-3.65	-2.35
3655,507	3829,526		63150T92c	STWO	12	3655,507	3623,884		1005	T	T92d	63150T92d	STWO	5	7	2	7	3,112.304	3,989.588	2.65	5.45
5090,667	2974,34		63169N71c	EGWO	38	5090,667	2560,387		3	N	N71c	63169N71c	EGWO		42			4,694.765	3,144.662		
5709,594	4009,485		63169N71c	STWO	36	5709,594	3585,908		109	N	N71c	63169N71c	STWO	32	30	-2	4	6,277.225	3,989.588	-1.55	5.45

4605,042	3416,568	[redacted]	63169N71g	STWO	34	4605,042	3077,13	[redacted]	2	N	N71g	63169N71g	STWO	28	27	-1	6	4,694.765	3,567.125	-1.55	5.45
4005,936	2526,641		63177F78c	EGWO	36	4005,936	2332,759		16	F	F78d	63177F78d	EGWO	33	36	3	3	4,694.765	2,722.199	2.65	1.55
4317,308	2592,739		63185F78c	EGWO	36	4317,308	2398,7		8	F	F78d	63185F78d	EGWO	33	36	3	3	4,694.765	2,722.199	2.65	1.55
3940,327			63185F78c	STWO	20	3940,327	3133,559		57	F	F78d	63185F78d	STWO	14	16	2	6	4,694.765		2.65	5.45
5672,027	3084,226		63347M33	EGWO	49	5672,027	2599,886		13	M	M33b	63347M33b	EGWO	47	46	-1	2	6,277.225	3,144.662	-1.55	1.55
5308,658	3734,607		63347M33	STWO	39	5308,658	2971,49		6	M	M33b	63347M33b	STWO	34	30	-4	5	4,694.765	3,567.125	-3.65	5.45
6536,964	3211,64		63347M33	EGWO	49	6536,964	2782,895		32	M	M33e	63347M33e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5547,742	3696,035		63347M33	STWO	35	5547,742	2719,705		6	M	M33e	63347M33e	STWO	36	33	-3	-1	6,277.225	3,567.125	-3.65	-2.35
3823,555	3246,524		63371T93c	STWO	7	3895,01	2409,478		4	T	T93d	63371T93d	STWO	6	12	6	1	3,112.304	3,144.662	6.85	1.55
6661,151	4014,295		63401A04a	STWO	44	6742,244	3635,7		24	A	A04a	63401A04a	STWO	41	38	-3	3	6,277.225	3,989.588	-3.65	1.55
6943,079	4229,752		63428A04a	STWO	45	6943,079	3817,733		83	A	A04a	63428A04a	STWO	42	39	-3	3	6,277.225	4,412.051	-3.65	1.55
5133,046	2708,367		63479M51	EGWO	49	5133,046	2413,71		5	M	M51b	63479M51b	EGWO	47	46	-1	2	4,694.765	2,722.199	-1.55	1.55
4679,128	3600,966		63479M51	STWO	28	4679,128	3357,842		49	M	M51b	63479M51b	STWO	25	23	-2	3	4,694.765	3,567.125	-1.55	1.55
5384,407	2667,184		63487M51	EGWO	49	5384,407	2541,728		43	M	M51b	63487M51b	EGWO	47	48	1	2	4,694.765	2,722.199	0.55	1.55
4458,333	3331,054		63487M51	STWO	29	4458,333	2882,66		1	M	M51b	63487M51b	STWO	27	26	-1	2	4,694.765	3,144.662	-1.55	1.55
5332,384	2727,239		63495M51	EGWO	46	5332,384	2756,656		95	M	M51b	63495M51b	EGWO	47	46	-1	-1	4,694.765	2,722.199	-1.55	-2.35
5061,866	3559,299		63495M51	STWO	33	5061,866	3343,415		25	M	M51b	63495M51b	STWO	32	30	-2	1	4,694.765	3,567.125	-1.55	1.55
6143,056	3225,17		63509M51	EGWO	45	6143,056	3402,882		8	M	M51c	63509M51c	EGWO	45	47	2	0	6,277.225	3,144.662	2.65	1.55
5372,931	3918,275		63509M51	STWO	29	5372,931	4110,157		3	M	M51c	63509M51c	STWO	27	25	-2	2	4,694.765	3,989.588	-1.55	1.55
3066,018	3880,615		63517M51	STWO	29	3066,018	3488,792		412	M	M51c	63517M51c	STWO	27	25	-2	2	3,112.304	3,989.588	-1.55	1.55
4672,315	3415,627		63525M51	STWO	34	4672,315	3081,967		19	M	M51c	63525M51c	STWO	29	27	-2	5	4,694.765	3,567.125	-1.55	5.45
4924,37	2667,879		63533M51	EGWO	49	4924,37	2335,08		18	M	M51b	63533M51b	EGWO	45	46	1	4	4,694.765	2,722.199	0.55	5.45
4890,608	3527,637		63533M51	STWO	34	4890,608	3195,226		12	M	M51b	63533M51b	STWO	30	28	-2	4	4,694.765	3,567.125	-1.55	5.45
4906,881	3590,333		63568M51	STWO	29	4906,881	3464,124		62	M	M51c	63568M51c	STWO	30	27	-3	-1	4,694.765	3,567.125	-3.65	-2.35
4589,47	2623,914		63584M51	EGWO	48	4589,47	2306,298		61	M	M51b	63584M51b	EGWO	44	43	-1	4	4,694.765	2,722.199	-1.55	5.45
4966,235	3637,019		63584M51	STWO	27	4966,235	3622,948		146	M	M51b	63584M51b	STWO	27	27	0	0	4,694.765	3,567.125	0.55	1.55
4852,778	2653,726		63584M51	EGWO	47	4852,778	2327,28		6	M	M51c	63584M51c	EGWO	47	45	-2	0	4,694.765	2,722.199	-1.55	1.55
4702,095	3599,02		63584M51	STWO	24	4702,095	3553,437		35	M	M51c	63584M51c	STWO	25	24	-1	-1	4,694.765	3,567.125	-1.55	-2.35
5127,451	2762,908		63592M51	EGWO	47	5127,451	2529,518		1	M	M51c	63592M51c	EGWO	46	45	-1	1	4,694.765	2,722.199	-1.55	1.55
4613,209	3504,309		63592M51	STWO	28	4613,209	3335,932		129	M	M51c	63592M51c	STWO	26	24	-2	2	4,694.765	3,567.125	-1.55	1.55
5160,406	2722,96		63614M51	EGWO	49	5160,406	2494,879		208	M	M51b	63614M51b	EGWO	47	47	0	2	4,694.765	2,722.199	0.55	1.55
4720,734	3645,423		63614M51	STWO	30	4720,734	3310,533		50	M	M51b	63614M51b	STWO	27	26	-1	3	4,694.765	3,567.125	-1.55	1.55
4797,105	2689,689		63622M51	EGWO	49	4797,105	2450,814		14	M	M51b	63622M51b	EGWO	46	44	-2	3	4,694.765	2,722.199	-1.55	1.55
4805,819	2582,375		63630M51	EGWO	49	4805,819	2251,735		2	M	M51b	63630M51b	EGWO	47	46	-1	2	4,694.765	2,722.199	-1.55	1.55
5043,821	3625,365		63630M51	STWO	34	5043,821	2664,053		20	M	M51b	63630M51b	STWO	31	28	-3	3	4,694.765	3,567.125	-3.65	1.55
4905,928	2672,932		63657M51	EGWO	49	4905,928	2279,453		76	M	M51b	63657M51b	EGWO	47	45	-2	2	4,694.765	2,722.199	-1.55	1.55
4648,346	3514,214		63657M51	STWO	27	4648,346	3371,86		186	M	M51b	63657M51b	STWO	28	25	-3	-1	4,694.765	3,567.125	-3.65	-2.35
5483,213	2805,291		63665M51	EGWO	49	5483,213	2623,721		16	M	M51b	63665M51b	EGWO	49	48	-1	0	4,694.765	2,722.199	-1.55	1.55
5258,5	2792,776		63673M51	EGWO	49	5258,5	2577,509		16	M	M51b	63673M51b	EGWO	48	47	-1	1	4,694.765	2,722.199	-1.55	1.55
4752,57	3572,498		63673M51	STWO	27	4752,57	3467,561		11	M	M51b	63673M51b	STWO	27	25	-2	0	4,694.765	3,567.125	-1.55	1.55
4917,821	2717,406		63681M51	EGWO	49	4917,821	2400,373		32	M	M51b	63681M51b	EGWO	47	45	-2	2	4,694.765	2,722.199	-1.55	1.55
4864,844	3666,168		63681M51	STWO	27	4868,94	3529,54		93	M	M51b	63681M51b	STWO	25	25	0	2	4,694.765	3,567.125	0.55	1.55
4784,242	2684,488		63703M51	EGWO	48	4784,242	2212,367		19	M	M51b	63703M51b	EGWO	45	44	-1	3	4,694.765	2,722.199	-1.55	1.55
5754,823	2919,582		63711M51	EGWO	49	5754,823	2864,934		15	M	M51b	63711M51b	EGWO	47	49	2	2	6,277.225	2,722.199	2.65	1.55
5275,442	2961,055		63738M51	EGWO	45	5275,442	2931,493		9	M	M51b	63738M51b	EGWO	47	44	-3	-2	4,694.765	3,144.662	-3.65	-2.35
4810,819	2672,503		63746M51	EGWO	49	4810,819	2326,087		49	M	M51b	63746M51b	EGWO	46	44	-2	3	4,694.765	2,722.199	-1.55	1.55
5281,46	3103,478		63754M35	EGWO	43	5281,46	3043,778		18	M	M35a	63754M35a	EGWO	46	41	-5	-3	4,694.765	3,144.662	-5.75	-2.35
4662,756	3452,783		63770M35	STWO	29	4662,756	3305,011		21	M	M35a	63770M35a	STWO	26	26	0	3	4,694.765	3,567.125	0.55	1.55
5282,983	2739,966		63789M35	EGWO	49	5282,983	2526,967		13	M	M35a	63789M35a	EGWO	49	48	-1	0	4,694.765	2,722.199	-1.55	1.55
5111,4	2810,78		63800M35	EGWO	48	5111,4	2546,441		4	M	M35a	63800M35a	EGWO	48	46	-2	0	4,694.765	2,722.199	-1.55	1.55
5026,922	3598,782		63800M35	STWO	36	5026,922	3175,517		22	M	M35a	63800M35a	STWO	30	28	-2	6	4,694.765	3,567.125	-1.55	5.45
4998,03	2665,055		63819M35	EGWO	49	4998,03	2386,751		12	M	M35a	63819M35a	EGWO	48	47	-1	1	4,694.765	2,722.199	-1.55	1.55
4816,611	3654,099		63819M35	STWO	26	4816,611	3693,313		22	M	M35a	63819M35a	STWO	26	24	-2	0	4,694.765	3,567.125	-1.55	1.55
5247,606	2863,523		63827M35	EGWO	47	5247,606	2765,859		12	M	M35a	63827M35a	EGWO	47	45	-2	0	4,694.765	2,722.199	-1.55	1.55
4919,394	3645,358		63827M35	STWO	33	4919,394	3313,839		46	M	M35a	63827M35a	STWO	28	25	-3	5	4,694.765	3,567.125	-3.65	5.45
5234,471	2839,999		63835M35	EGWO	48	5234,471	2715,434		13	M	M35a	63835M35a	EGWO	48	47	-1	0	4,694.765	2,722.199	-1.55	1.55
5211,753	3683,487		63835M35	STWO	26	5211,753	3829,308		65	M	M35a	63835M35a	STWO	28	27	-1	-2	4,694.765	3,567.125	-1.55	-2.35
4608,294	2651,172		63843M35	EGWO	48	4608,294	2339,691		3	M	M35a	63843M35a	EGWO	48	46	-2	0	4,694.765	2,722.199	-1.55	1.55
5020,622	3539,85		63843M35	STWO	36	5020,622	2447,062		22	M	M35a	63843M35a	STWO	28	29	1	8	4,694.765	3,567.125	0.55	9.35
5511,024	2773,273		63851M35	EGWO	49	5511,024	2589,791		48	M	M35a	63851M35a	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4305,216	3308,529		63851M35	STWO	31	4305,216	2782,55		5	M	M35a	63851M35a	STWO	28	27	-1	3	4,694.765	3,144.662	-1.55	1.55
6149,092	3866,928		63878K23e	STWO		6149,092	3494,739		801	K	K23e	63878K23e	STWO					6,277.225	3,989.588		
5894,81	3837,268		63886K23e	STWO	39	5894,81	3365,218		80	K	K23e	63886K23e	STWO	38	35	-3	1	6,277.225	3,989.588	-3.65	1.55
3754,708	2561,545		63932T94a	EGWO	27	3754,708	2755,492		50	T	T94a	63932T94a	EGWO	27	32	5	0	3,112.304	2,722.199	4.75	1.55
3420,635	2728,027		63940T94a	EGWO	32	3420,635	2656,767		2	T	T94a	63940T94a	EGWO	27	32	5	5	3,112.304	2,722.199	4.75	5.45
3352,309	2338,967		63959T94a	EGWO	33	3352,309	2253,276		7	T	T94a	63959T94a	EGWO	25	30	5	8	3,112.304	2,299.736	4.75	9.35
3395,008	2360,358		63967T94a	EGWO	32	3395,008	2296,668		19	T	T94a	63967T94a	EGWO	26	30	4	6	3,112.304	2,299.736	4.75	5.45
3394,22	2406,483		63975T94a	EGWO	31	3394,22	2343,062		24	T	T94a	63975T94a	EGWO	24	29	5	7	3,112.304	2,299.736	4.75	5.45
3681,068	2482,022		63983T94a	EGWO	31	3681,068	2521,307		21	T	T94a	63983T94a	EGWO	28	32	4	3	3,112.304	2,299.736	4.75	1.55
3388,158	2363,963		63991T94a	EGWO	33	3388,158	2282,38		16	T	T94a	63991T94a	EGWO	25	30	5	8	3,112.304	2,299.736	4.75	9.35
3715,365	2737,22		64009T94a	EGWO	32	3715,365	2772,157		4	T	T94a	64009T94a	EGWO	27	32	5	5	3,112.304	2,722.199	4.75	5.45
3388,586	2335,958		64017T94a	EGWO	34	3388,586	2249,788		16	T	T94a	64017T94a	EGWO	27	31	4	7	3,112.304	2,299.736	4.75	5.45
3720,64	2495,898		64025T94a	EGWO	31	3720,64	2549,262		9	T	T94a	64025T94a	EGWO	28	33	5	3	3,112.304	2,299.736	4.75	1.55
3728,99	2450,754		64033T94a	EGWO	33	3728,99	2501,372		63	T	T94a	64033T94a	EGWO	30	34	4	3	3,112.304	2,299.736	4.75	1.55
3465,928	2399,184		64041T94a	EGWO	32	3465,928	2349,459		47	T	T94a	64041T94a	EGWO	25	31	6	7	3,112.304	2,299.736	6.85	5.45
3396,028	2344,998		64076T94a	EGWO	33	3396,028	2269,113		8	T	T94a	64076T94a	EGWO	26	31	5	7	3,112.304	2,299.736	4.75	5.45
4141,586	2550,402		64106F82c	EGWO	43	4141,586	2348,864		27	F	F82d	64106F82d	EGWO	34	38	4	9	4,694.765	2,722.199	4.75	9.35
4008,197	3262,143		64106F82c	STWO	18	4008,197	2617,551		1	F	F82d	64106F82d	STWO	17	16	-1	1	4,694.765	3,144.662	-1.55	1.55
4100,605	2487,898		64114F82c	EGWO	44	4100,605	2270,174		54	F	F82d	64114F82d	EGWO	35	39	4	9	4,694.765	2,299.736	4.75	9.35
3882,027	3132,19		64114F82c	STWO	23	3882,027	2927,522		278	F	F82d	64114F82d	STWO	20	20	0	3	3,112.304	3,144.662	0.55	1.55
4355,436	2608,688		64122N68c	EGWO	46	4355,436	2374,857		19	N	N68d	64122N68d	EGWO	39	40	1	7	4,694.765	2,722.199	0.55	5.45
4654,297	2771,437		64130N68c	EGWO	44	4654,297	2615,018		8	N	N68d	64130N68d	EGWO	36	40	4	8	4,694.765	2,722.199	4.75	9.35
4686,612	2703,942		64149N68c	EGWO	45	4686,612	2567,485		12	N	N68d	64149N68d	EGWO	41	42	1	4	4,694.765	2,722.199	0.55	5.45
6506,767	4221,058		64203E39b	STWO	37	6506,767	4059,257		173	E	E39b	64203E39b	STWO	26	33	7	11	6,277.225	4,412.051	6.85	9.35
4881,56	3607,723		64211E39b	STWO	34	4881,56	3086,684		40	E	E39b	64211E39b	STWO	26	28	2	8	4,694.765	3,567.125	2.65	9.35
4715,509	2633,423		64238E39b	EGWO	49	4737,249	2338,713		20	E	E39b	64238E39b	EGWO	42	44	2	7	4,694.765	2,722.199	2.65	5.45
4688,268	2642,579		64246E39b	EGWO	49	4759,586	2322,351		14	E	E39b	64246E39b	EGWO	42	44	2	7	4,694.765	2,722.199	2.65	5.45
5021,966	2676,646		64254E39b	EGWO	49	5043,39	2341,801		37	E	E39b	64254E39b	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
5760,902	2774,454		64262E39b	EGWO	49	5760,902	2626,785		4	E	E39b	64262E39b	EGWO	45	48	3	4	6,277.225	2,722.199	2.65	5.45
5271,478	2733,856		64270E39b	EGWO	49	5278,573	2452,987		44	E	E39b	64270E39b	EGWO	47	48	1	2	4,694.765	2,722.199	0.55	1.55
4864,853	3673,561		64270E39b	STWO	34	4867,068	3275,957		240	E	E39b	64270E39b	STWO	26	28	2	8	4,694.765	3,567.125	2.65	9.35
3582,341	2615,576		64319T94i	EGWO	25	3582,341	2681,834		38	T	T94i	64319T94i	EGWO	25	27	2	0	3,112.304	2,722.199	2.65	1.55
3336,835	2364,814		64327T94i	EGWO	29	3336,835	2357,6		20	T	T94i	64327T94i	EGWO	24	28	4	5	3,112.304	2,299.736	4.75	5.45
3927,657	3326,354		64327T94i	STWO	10	3927,657	3534,319		33	T	T94i	64327T94i	STWO	14	15	1	-4	4,694.765	3,144.662	0.55	-2.35
3517,174	2741,873		64335T94i	EGWO	23	3517,174	2732,394		5	T	T94i	64335T94i	EGWO	25	23	-2	-3	3,112.304	2,722.199	-1.55	-2.35
3756,102	3192,815		64335T94i	STWO	10	3756,102	3403,878		105	T	T94i	64335T94i	STWO	7	13	6	3	3,112.304	3,144.662	6.85	1.55
3454,644	2351,056		64343T94i	EGWO	33	3454,644	2326,912		9	T	T94i	64343T94i	EGWO	30	32	2	3	3,112.304	2,299.736	2.65	1.55
3562,07	2483,926		64351T94i	EGWO	29	3562,07	2531,585		6	T	T94i	64351T94i	EGWO	23	30	7	6	3,112.304	2,299.736	6.85	5.45
3411,832	2343,143		64378T94i	EGWO	32	3411,832	2313,411		14	T	T94i	64378T94i	EGWO	30	30	0	2	3,112.304	2,299.736	0.55	1.55
4023,402	2442,624		64386F81b	EGWO	43	4023,402	2153,161		15	F	F81b	64386F81b	EGWO	36	40	4	7	4,694.765	2,299.736	4.75	5.45
3768,863	3238,663		64386F81b	STWO	21	3768,863	2235,471		14	F	F81b	64386F81b	STWO	18	14	-4	3	3,112.304	3,144.662	-3.65	1.55
3707,235	2310,42		64394F81b	EGWO	39	3707,235	2257,852		6	F	F81b	64394F81b	EGWO	36	38	2	3	3,112.304	2,299.736	2.65	1.55
4040,619	3313,919		64394F81b	STWO	21	4040,619	2349,208		24	F	F81b	64394F81b	STWO	18	17	-1	3	4,694.765	3,144.662	-1.55	1.55

4501,841	2684,988	[redacted]	64408F86a	EGWO	46	4501,841	2418,668	[redacted]	8	F	F86a	64408F86a	EGWO	37	40	3	9	4,694.765	2,722.199	2.65	9.35
4886,901	2819,546		64416F78c	EGWO	39	4886,901	2975,548		23	F	F78c	64416F78c	EGWO	36	42	6	3	4,694.765	2,722.199	6.85	1.55
4048,157	3468,69		64416F78c	STWO	16	4048,157	3372,862		59	F	F78c	64416F78c	STWO	13	13	0	3	4,694.765	3,567.125	0.55	1.55
6839,211	4002,794		64459F87b	STWO	43	6839,211	3865,71		146	F	F87b	64459F87b	STWO	44	41	-3	-1	6,277.225	3,989.588	-3.65	-2.35
6053,1	3882,035		64467F87b	STWO	37	6053,1	3876,316		51	F	F87b	64467F87b	STWO	37	36	-1	0	6,277.225	3,989.588	-1.55	1.55
6476,121	3916,393		64475F87b	STWO	42	6476,121	3723,503		149	F	F87b	64475F87b	STWO	43	39	-4	-1	6,277.225	3,989.588	-3.65	-2.35
5202,679	2710,192		64483M51	EGWO	49	5202,679	2473,3		10	M	M51b	64483M51b	EGWO	49	48	-1	0	4,694.765	2,722.199	-1.55	1.55
4990,404	2613,489		64491M35	EGWO	49	4990,404	2286,985		9	M	M35f	64491M35f	EGWO	49	48	-1	0	4,694.765	2,722.199	-1.55	1.55
4787,155	3511,583		64491M35	STWO	26	4787,155	2508,301		2	M	M35f	64491M35f	STWO	25	22	-3	1	4,694.765	3,567.125	-3.65	1.55
5307,367	2805,968		64505M51	EGWO	49	5307,367	2611,867		11	M	M51b	64505M51b	EGWO	46	48	2	3	4,694.765	2,722.199	2.65	1.55
4673,263	3422,304		64505M51	STWO	29	4673,263	2348,531		2	M	M51b	64505M51b	STWO	27	26	-1	2	4,694.765	3,567.125	-1.55	1.55
5106,735	2729,487		64513M51	EGWO	49	5106,735	2352,754		74	M	M51b	64513M51b	EGWO	48	47	-1	1	4,694.765	2,722.199	-1.55	1.55
4622,339	3512,651		64513M51	STWO	28	4622,339	3339,202		82	M	M51b	64513M51b	STWO	25	25	0	3	4,694.765	3,567.125	0.55	1.55
4886,887	4146,428		64521N71f	STWO	23	4886,887	3771,93		622	N	N71f	64521N71f	STWO	19	15	-4	4	4,694.765	3,989.588	-3.65	5.45
4681,725	3639,331		64564F86a	STWO	28	4681,725	3200,849		46	F	F86a	64564F86a	STWO	24	24	0	4	4,694.765	3,567.125	0.55	5.45
4378,135	2593,176		64572F86a	EGWO	47	4378,135	2330,857		15	F	F86a	64572F86a	EGWO	40	41	1	7	4,694.765	2,722.199	0.55	5.45
4153,846	3287,725		64572F86a	STWO	23	4153,846	2217,36		1	F	F86a	64572F86a	STWO	19	20	1	4	4,694.765	3,144.662	0.55	5.45
4034,034	2511,501		64580F81c	EGWO	38	4034,034	2255,901		14	F	F81d	64580F81d	EGWO	36	38	2	2	4,694.765	2,722.199	2.65	1.55
3847,295	2437,636		64599F81c	EGWO	38	3847,295	2240,229		13	F	F81d	64599F81d	EGWO	34	37	3	4	3,112.304	2,299.736	2.65	5.45
4667,666	3571,719		64661N69j	STWO	20	4667,666	3712,608		35	N	N69j	64661N69j	STWO	27	23	-4	-7	4,694.765	3,567.125	-3.65	-6.25
4978,825	2696,196		64696N65c	EGWO	49	4978,825	2321,818		37	N	N65d	64696N65d	EGWO	44	46	2	5	4,694.765	2,722.199	2.65	5.45
5145,289	2815,83		64718N65c	EGWO	49	5145,289	2540,566		10	N	N65d	64718N65d	EGWO	43	45	2	6	4,694.765	2,722.199	2.65	5.45
5258,086	2974,998		64726N65c	EGWO	46	5258,086	2870,49		6	N	N65d	64726N65d	EGWO	41	43	2	5	4,694.765	3,144.662	2.65	5.45
5155,124	2759,602		64734N65c	EGWO	49	5155,124	2606,523		22	N	N65d	64734N65d	EGWO	45	46	1	4	4,694.765	2,722.199	0.55	5.45
4922,619	2937,628		64742F78c	EGWO	36	4922,619	3175,545		7	F	F78c	64742F78c	EGWO	31	40	9	5	4,694.765	3,144.662	8.95	5.45
3870,647	3441,749		64742F78c	STWO	16	3870,647	3229,178		94	F	F78c	64742F78c	STWO	16	12	-4	0	3,112.304	3,567.125	-3.65	1.55
4386,608	2655,406		64769F83a	EGWO	36	4386,608	2764,188		7	F	F83a	64769F83a	EGWO	34	37	3	2	4,694.765	2,722.199	2.65	1.55
7158,775	4409,737		64777K52h	STWO	44	7158,775	3980,224		50	K	K52h	64777K52h	STWO	40	38	-2	4	7,859.686	4,412.051	-1.55	5.45
4136,07	2491,021		64793F78b	EGWO	37	4136,07	2305,949		11	F	F78b	64793F78b	EGWO	34	38	4	3	4,694.765	2,299.736	4.75	1.55
4960,526	3491,02		64793F78b	STWO	31	4960,526	2772,653		1	F	F78b	64793F78b	STWO	20	19	-1	11	4,694.765	3,567.125	-1.55	9.35
4356,485	2636,956		64831N70a	EGWO	45	4356,485	2397,679		32	N	N70a	64831N70a	EGWO	39	39	0	6	4,694.765	2,722.199	0.55	5.45
4427,35	2714,727		64858N70a	EGWO	44	4427,35	2463,98		12	N	N70a	64858N70a	EGWO	37	39	2	7	4,694.765	2,722.199	2.65	5.45
3429,76	2388,827		64874T94a	EGWO	32	3429,76	2324,114		11	T	T94a	64874T94a	EGWO	25	30	5	7	3,112.304	2,299.736	4.75	5.45
3379,262	3364,784		64912T94f	STWO	7	3379,262	3145,732		101	T	T94f	64912T94f	STWO	5	5	0	2	3,112.304	3,567.125	0.55	1.55
4982,146	2782,084		64939N74c	EGWO	49	4982,146	2495,183		34	N	N74c	64939N74c	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.35
4971,12	2767,49		64947N74c	EGWO	46	4971,12	2655,984		24	N	N74c	64947N74c	EGWO	39	44	5	7	4,694.765	2,722.199	4.75	5.45
4606,557	2562,813		64955N74c	EGWO	49	4606,557	2297,21		19	N	N74c	64955N74c	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.35
4977,433	3782,049		64955N74c	STWO	26	4977,433	3632,419		61	N	N74c	64955N74c	STWO	23	24	1	3	4,694.765	3,989.588	0.55	1.55
4593,946	2735,32		64963N74c	EGWO	46	4593,946	2499,811		10	N	N74c	64963N74c	EGWO	36	40	4	10	4,694.765	2,722.199	4.75	9.35
4236,449	3263,806		64963N74c	STWO	30	4236,449	2945,866		24	N	N74c	64963N74c	STWO	26	23	-3	4	4,694.765	3,144.662	-3.65	5.45
5190,049	2787,408		64998N74c	EGWO	49	5190,049	2624,278		47	N	N74c	64998N74c	EGWO	42	46	4	7	4,694.765	2,722.199	4.75	5.45
6033,333	4323,845		64998N74c	STWO	29	6033,333	4681,597		1	N	N74c	64998N74c	STWO	21	23	2	8	6,277.225	4,412.051	2.65	9.35
5252,985	2835,928		65005N74c	EGWO	48	5252,985	2705,197		29	N	N74c	65005N74c	EGWO	41	46	5	7	4,694.765	2,722.199	4.75	5.45
4331,395	3328,887		65005N74c	STWO	31	4331,395	2977,621		64	N	N74c	65005N74c	STWO	18	23	5	13	4,694.765	3,144.662	4.75	13.25
4393,224	2516,627		65013N74c	EGWO	49	4393,224	2199,22		60	N	N74c	65013N74c	EGWO	40	43	3	9	4,694.765	2,722.199	2.65	9.35
4233,566	2445,029		65021N74c	EGWO	48	4233,566	2210,4		53	N	N74c	65021N74c	EGWO	41	42	1	7	4,694.765	2,299.736	0.55	5.45
5220,477	2797,324		65048N65c	EGWO	48	5220,477	2729,166		13	N	N65d	65048N65d	EGWO	43	46	3	5	4,694.765	2,722.199	2.65	5.45
5183,668	2765,867		65056N65c	EGWO	49	5183,668	2665,836		23	N	N65d	65056N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
4692,308	3662,298		65056N65c	STWO	18	4692,308	3700,727		1	N	N65d	65056N65d	STWO		26			4,694.765	3,567.125		
5214,883	2792,206		65064N65c	EGWO	49	5214,883	2667,427		21	N	N65d	65064N65d	EGWO	44	46	2	5	4,694.765	2,722.199	2.65	5.45
5353,938	2858,358		65072N65c	EGWO	45	5353,938	2667,243		3	N	N65d	65072N65d	EGWO	42	44	2	3	4,694.765	2,722.199	2.65	1.55
5338,492	2841,11		65080N65c	EGWO	47	5338,492	2853,979		9	N	N65d	65080N65d	EGWO	46	47	1	1	4,694.765	2,722.199	0.55	1.55
4570,7	2623,662		65188F81c	EGWO	45	4570,7	2330,641		24	F	F81c	65188F81c	EGWO	37	42	5	8	4,694.765	2,722.199	4.75	9.35
4443,313	3948,506		65188F81c	STWO	15	4443,313	3734,687		509	F	F81c	65188F81c	STWO	17	12	-5	-2	4,694.765	3,989.588	-5.75	-2.35
6408,457	2930,993		65196M29	EGWO	49	6408,457	2468,392		17	M	M29c	65196M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6441,942	3857,808		65196M29	STWO	40	6441,942	3899,544		82	M	M29c	65196M29c	STWO	42	38	-4	-2	6,277.225	3,989.588	-3.65	-2.35
6650,127	2891,198		65218M29	EGWO	49	6650,127	2451,241		12	M	M29c	65218M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6679,333	4165,97		65226M29	STWO	46	6679,333	3473,686		5	M	M29c	65226M29c	STWO	40	38	-2	6	6,277.225	3,989.588	-1.55	5.45
7247,965	4283,72		65269M29	STWO	46	7247,965	3684,455		16	M	M29c	65269M29c	STWO	42	41	-1	4	7,859.686	4,412.051	-1.55	5.45
5888,91	2762,633		65285M29	EGWO	49	5888,91	2389,296		8	M	M29c	65285M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6652,96	4050,272		65285M29	STWO	39	6652,96	4042,722		73	M	M29c	65285M29c	STWO	39	38	-1	0	6,277.225	3,989.588	-1.55	1.55
5865,386	3828,552		65293M29	STWO	37	5865,386	3650,853		36	M	M29c	65293M29c	STWO	38	34	-4	-1	6,277.225	3,989.588	-3.65	-2.35
6287,764	3977,382		65307E75c	STWO	44	6287,764	3452,373		74	E	E75c	65307E75c	STWO	35	37	2	9	6,277.225	3,989.588	2.65	9.35
6436,449	3931,299		65323E12a	STWO	46	6436,449	3446,266		94	E	E12a	65323E12a	STWO	42	39	-3	4	6,277.225	3,989.588	-3.65	5.45
5245,346	2790,796		65374N65c	EGWO	49	5245,346	2566,869		22	N	N65d	65374N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
5259,976	2812,708		65382N65c	EGWO	49	5259,976	2592,121		26	N	N65d	65382N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
4740,964	2580,557		65390F78c	EGWO	46	4740,964	2527,526		19	F	F78c	65390F78c	EGWO	38	45	7	8	4,694.765	2,722.199	6.85	9.35
6039,389	3983,073		65439N71h	STWO	35	6039,389	3871,353		361	N	N71h	65439N71h	STWO	40	36	-4	-5	6,277.225	3,989.588	-3.65	-6.25
5844,322	3953,147		65447N71h	STWO	33	5844,322	3825,588		148	N	N71h	65447N71h	STWO	40	32	-8	-7	6,277.225	3,989.588	-7.85	-6.25
6155,39	3980,292		65528N71h	STWO	40	6155,39	3666,364		133	N	N71h	65528N71h	STWO	42	37	-5	-2	6,277.225	3,989.588	-5.75	-2.35
6732,622	3913,248		65536N71h	STWO	42	6732,622	3499,403		139	N	N71h	65536N71h	STWO	43	40	-3	-1	6,277.225	3,989.588	-3.65	-2.35
5510,622	4033,934		65544N71h	STWO	37	5510,622	3839,003		351	N	N71h	65544N71h	STWO	39	35	-4	-2	6,277.225	3,989.588	-3.65	-2.35
5102,257	2709,102		65609F77b	EGWO	49	5102,257	2490,392		10	F	F77b	65609F77b	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
4750,875	3532,481		65609F77e	STWO	28	4750,875	3410,455		34	F	F77e	65609F77e	STWO		27			4,694.765	3,567.125		
5096,787	2858,023		65617F77b	EGWO	47	5096,787	2692,326		4	F	F77b	65617F77b	EGWO	43	45	2	4	4,694.765	2,722.199	2.65	5.45
5519,162	2947,686		65625F77b	EGWO	46	5519,162	3016,514		50	F	F77b	65625F77b	EGWO	43	47	4	3	6,277.225	3,144.662	4.75	1.55
5253,457	2880,999		65641F77b	EGWO	46	5253,457	2835,479		10	F	F77b	65641F77b	EGWO	41	45	4	5	4,694.765	2,722.199	4.75	5.45
3707,554	2481,165		65692T94g	EGWO	33	3707,554	2472,496		23	T	T94g	65692T94g	EGWO	30	33	3	3	3,112.304	2,299.736	2.65	1.55
3763,328	2526,173		65706T94g	EGWO	31	3763,328	2531,577		33	T	T94g	65706T94g	EGWO	29	33	4	2	3,112.304	2,722.199	4.75	1.55
3912,751	3326,213		65706T94g	STWO	11	3912,751	3468,272		26	T	T94g	65706T94g	STWO	5	15	10	6	4,694.765	3,144.662	8.95	5.45
3852,813	2610,993		65714T94g	EGWO	31	3852,813	2643,605		29	T	T94g	65714T94g	EGWO	28	32	4	3	3,112.304	2,722.199	4.75	1.55
3552,384	3217,249		65714T94g	STWO	8	3552,384	3262,352		26	T	T94g	65714T94g	STWO	5	9	4	3	3,112.304	3,144.662	4.75	1.55
3800,724	2889,294		65722T94g	EGWO	24	3800,724	2990,214		41	T	T94g	65722T94g	EGWO	20	24	4	4	3,112.304	2,722.199	4.75	5.45
3596,007	2399,157		65730T94g	EGWO	34	3596,007	2382,594		24	T	T94g	65730T94g	EGWO	30	33	3	4	3,112.304	2,299.736	2.65	5.45
3820,189			65749T94g	EGWO	29	3820,189			3	T	T94g	65749T94g	EGWO	25	28	3	4	3,112.304		2.65	5.45
3245,414	2287,147		65757T94g	EGWO	30	3245,414	2227,267		32	T	T94g	65757T94g	EGWO	25	26	1	5	3,112.304	2,299.736	0.55	5.45
3329,991	2360,799		65765T94g	EGWO	30	3329,991	2322,495		39	T	T94g	65765T94g	EGWO	23	27	4	7	3,112.304	2,299.736	4.75	5.45
3439,082	2447,031		65773T94g	EGWO	29	3439,082	2411,768		39	T	T94g	65773T94g	EGWO	24	27	3	5	3,112.304	2,299.736	2.65	5.45
3206,945	2330,341		65781T94g	EGWO	28	3206,945	2301,442		44	T	T94g	65781T94g	EGWO	24	25	1	4	3,112.304	2,299.736	0.55	5.45
4253,816	2610,328		65803F82a	EGWO	42	4253,816	2484,416		14	F	F82a	65803F82a	EGWO	35	39	4	7	4,694.765	2,722.199	4.75	5.45
3587,962	3269,837		65811T93c	STWO	12	3587,962	3085,777		26	T	T93d	65811T93d	STWO	9	9	0	3	3,112.304	3,144.662	0.55	1.55
7210,251	3053,018		65900E12a	EGWO	49	7210,251	2762,737		7	E	E12a	65900E12a	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
2235,068	4127,772		65900E12a	STWO	48	2235,068	3870,428		87	E	E12a	65900E12a	STWO	42	41	-1	6	1,529.844	3,989.588	-1.55	5.45
7458,623	3442,7		65919E12a	EGWO	49	7458,623	3201,356		24	E	E12a	65919E12a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6924,205	4785,496		65919E12a	STWO	47	6924,205	3648,773		92	E	E12a	65919E12a	STWO	41	39	-2	6	6,277.225	4,412.051	-1.55	5.45
7157,32	4183,775		65927E12a	STWO	48	7157,32	3684,264		102	E	E12a	65927E12a	STWO	40	43	3	8	7,859.686	3,989.588	2.65	9.35
6726,437	2938,431		65935E12a	EGWO	49	6726,437	2523,844		129	E	E12a	65935E12a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7280,267	4260,83		65978E12a	STWO	49	7280,267	3692,205		154	E	E12a	65978E12a	STWO	44	42	-2	5	7,859.686	4,412.051	-1.55	5.45
7367,892	4132,585		66001E12a	STWO	49	7367,892	3699,806		310	E	E12a	66001E12a	STWO	47	45	-2	2	7,859.686	3,989.588	-1.55	1.55
6077,307	4071,474		66036E14f	STWO	41	6077,307	4131,789		106	E	E14f	66036E14f	STWO	38	34	-4	3	6,277.225	3,989.588	-3.65	1.55
6053,639	3180,44		66079M51	EGWO	42	6053,639	3457,849		43	M	M51a	66079M51a	EGWO		49			6,277.225	3,144.662		
6205,64	3235,106		66095M51	EGWO	42	6205,64	3552,302		12	M	M51a	66095M51a	EGWO		49			6,277.225	3,144.662		
6259,921	3285,426		66109M51	EGWO	42	6259,921	3558,783		9	M	M51a	66109M51a	EGWO		49			6,277.225	3,144.662		

5757,313	2909,989	[redacted]	66117M51	EGWO	42	5757,313	3384,03	[redacted]	3	M	M51a	66117M51a	EGWO		49			6,277.225	2,722.199			
6251,782	3169,082		66125M51	EGWO	42	6251,782	3537,765		4	M	M51a	66125M51a	EGWO		49			6,277.225	3,144.662			
5952,425	3116,599		66133M51	EGWO	41	5952,425	3464,83		7	M	M51a	66133M51a	EGWO		49			6,277.225	3,144.662			
6917,403	3273,282		66141M51	EGWO	42	6917,403	3525,055		2	M	M51a	66141M51a	EGWO		49			6,277.225	3,144.662			
4432,002	2545,152		66192F83a	EGWO	36	4432,002	2680,502		10	F	F83a	66192F83a	EGWO	34	37	3	2	4,694.765	2,722.199	2.65	1.55	
4850,891	2597,683		66230F86a	EGWO	49	4850,891	2420,313		39	F	F86a	66230F86a	EGWO	42	45	3	7	4,694.765	2,722.199	2.65	5.45	
4328,301	3497,969		66230F86a	STWO	28	4328,301	3099,564		15	F	F86a	66230F86a	STWO	19	20	1	9	4,694.765	3,567.125	0.55	9.35	
6359,522	3248,249		66249M51	EGWO	41	6359,522	3647,911		5	M	M51a	66249M51a	EGWO		49			6,277.225	3,144.662			
4513,755	2608,566		66311N70a	EGWO	46	4513,755	2421,117		11	N	N70a	66311N70a	EGWO	42	42	0	4	4,694.765	2,722.199	0.55	5.45	
4033,974	3357,691		66311N70a	STWO	15	4033,974	3090,578		64	N	N70a	66311N70a	STWO	10	12	2	5	4,694.765	3,567.125	2.65	5.45	
4482,691	2577,746		66338N70a	EGWO	47	4482,691	2389,857		20	N	N70a	66338N70a	EGWO	42	42	0	5	4,694.765	2,722.199	0.55	5.45	
3241,291	3410,778		66400N74b	STWO		3229,554	3416,705		291	N	N74b	66400N74b	STWO	17				3,112.304	3,567.125			
4900,38	2631,918		66400N74c	EGWO	49	4900,38	2475,286		51	N	N74c	66400N74c	EGWO	39	46	7	10	4,694.765	2,722.199	6.85	9.35	
6213,314	4575,038		66451F87f	STWO	37	6213,314	3928,9		20	F	F87f	66451F87f	STWO					6,277.225	4,412.051			
3297,549	3663,794		66613T93f	STWO	5	3297,549	3425,204		184	T	T93f	66613T93f	STWO		5			3,112.304	3,567.125			
6613,561			66710M58	EGWO	49	6613,561			3	M	M58g	66710M58g	EGWO		49			6,277.225				
7261,777	4143,683		66710M58	STWO	49	7325,408	3515,701		19	M	M58g	66710M58g	STWO	40	39	-1	9	7,859.686	3,989.588	-1.55	9.35	
6271,894	3943,278		66729M58	STWO	45	6271,894	3644,88		6	M	M58g	66729M58g	STWO	40	39	-1	5	6,277.225	3,989.588	-1.55	5.45	
8353,6	5064,409		66737M58	STWO	49	8358,796	3978,31		409	M	M58g	66737M58g	STWO	42	40	-2	7	7,859.686	5,256.977	-1.55	5.45	
5996,269			66745M58	STWO	49	5996,269	3068,95		2	M	M58g	66745M58g	STWO	40	39	-1	9	6,277.225		-1.55	9.35	
7648,025	4567,365		66753M58	STWO	49	7648,025	3581,355		37	M	M58g	66753M58g	STWO	42	40	-2	7	7,859.686	4,412.051	-1.55	5.45	
7191,111	3013,367		66761M58	EGWO	49	7191,111	2230,221		5	M	M58g	66761M58g	EGWO		49			7,859.686	3,144.662			
7421,373	4618,733		66761M58	STWO	48	7430,548	3788,535		543	M	M58g	66761M58g	STWO	40	38	-2	8	7,859.686	4,412.051	-1.55	9.35	
7960,876	4686,226		66788M58	STWO	45	7960,876	4178,774		42	M	M58g	66788M58g	STWO	42	41	-1	3	7,859.686	4,834.514	-1.55	1.55	
6494,118	3828,019		66796M58	STWO	49	6494,118	2182,837		1	M	M58g	66796M58g	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35	
6494,118	3828,019		66818M58	STWO	49	6494,118	2182,837		1	M	M58g	66818M58g	STWO	40	39	-1	9	6,277.225	3,989.588	-1.55	9.35	
5031,074	2869,871		69643M34	EGWO	43	5050,005	3331,45		35	M	M34f	69643M34f	EGWO		43			4,694.765	2,722.199			
5504,752	3546,232		69643M34	STWO	41	5520,439	2698,94		61	M	M34f	69643M34f	STWO	30	31	1	11	6,277.225	3,567.125	0.55	9.35	
5132,481	2977,065		69644M34	EGWO	39	5163,178	3009,89		35	M	M34f	69644M34f	EGWO		43			4,694.765	3,144.662			
5487,949	3864,491		69644M34	STWO	38	5487,949	3426,142		227	M	M34f	69644M34f	STWO	31	29	-2	7	6,277.225	3,989.588	-1.55	5.45	
5368,359	3215,854		69645M34	EGWO	43	5368,359	2747,127		2	M	M34f	69645M34f	EGWO		43			4,694.765	3,144.662			
5324,061	3766,781		69645M34	STWO	35	5327,28	3437,918		442	M	M34f	69645M34f	STWO	30	30	0	5	4,694.765	3,567.125	0.55	5.45	
5295,55	3725,511		69647M34	STWO	35	5295,55	3362,561		239	M	M34f	69647M34f	STWO	30	29	-1	5	4,694.765	3,567.125	-1.55	5.45	
6122,233	4570,096		69648M34	STWO	41	6122,233	3534,218		146	M	M34f	69648M34f	STWO	30	31	1	11	6,277.225	4,412.051	0.55	9.35	
5380,96	2910,852		69650M34	EGWO	43	5380,96	2312,37		4	M	M34f	69650M34f	EGWO		46			4,694.765	2,722.199			
5965,096	4335,866		69650M34	STWO	31	5965,096	3826,478		30	M	M34f	69650M34f	STWO	30	27	-3	1	6,277.225	4,412.051	-3.65	1.55	
5354,466	3783,504		69655M34	STWO	33	5365,576	3574,418		304	M	M34f	69655M34f	STWO	29	28	-1	4	4,694.765	3,989.588	-1.55	5.45	
5748,487	4037,101		69656M34	STWO	34	5748,487	3755,926		99	M	M34f	69656M34f	STWO	28	30	2	6	6,277.225	3,989.588	2.65	5.45	
6682,089	4354,009		69657M34	STWO	36	6682,089	3732,93		416	M	M34f	69657M34f	STWO	30	29	-1	6	6,277.225	4,412.051	-1.55	5.45	
1100			69658T93c	STWO	7	1100			9	T	T93c	69658T93c	STWO		11			1,529.844				
3908,333	3465,657		69659T93c	STWO	7	3908,333	3623,618		30	T	T93c	69659T93c	STWO	11	11	0	-4	4,694.765	3,567.125	0.55	-2.35	
7856,204	4280,574		69666A05a	STWO	47	7856,204	4064,577		55	A	A05a	69666A05a	STWO	44	41	-3	3	7,859.686	4,412.051	-3.65	1.55	
6240,178	4179,242		69669N71c	STWO	44	6240,178	3463,593		26	N	N71c	69669N71c	STWO	36	35	-1	8	6,277.225	3,989.588	-1.55	9.35	
5428,491	3227,735		69670N71c	EGWO	38	5428,491	3398,075		14	N	N71c	69670N71c	EGWO		41			4,694.765	3,144.662			
5811,426	3957,843		69670N71c	STWO	38	5811,426	3593,176		32	N	N71c	69670N71c	STWO	35	32	-3	3	6,277.225	3,989.588	-3.65	1.55	
4673,151	2743,743		69672N71c	EGWO	43	4673,151	2351,054		5	N	N71c	69672N71c	EGWO	42	41	-1	1	4,694.765	2,722.199	-1.55	1.55	
5760,212	3863,26		69672N71c	STWO	43	5760,212	3275,259		43	N	N71c	69672N71c	STWO	33	32	-1	10	6,277.225	3,989.588	-1.55	9.35	
4417,445	2602,635		69673F86b	EGWO	47	4417,445	2323,439		25	F	F86b	69673F86b	EGWO	38	41	3	9	4,694.765	2,722.199	2.65	9.35	
5346,72	3612,384		69673F86b	STWO	32	5346,72	3639,726		88	F	F86b	69673F86b	STWO	30	28	-2	2	4,694.765	3,567.125	-1.55	1.55	
5538,459			69677M51	EGWO	49	5538,459	2877,397		12	M	M51b	69677M51b	EGWO	47	46	-1	2	6,277.225		-1.55	1.55	
5975,221	3817,872		69678E18b	STWO	49	5975,221	2812,236		6	E	E18b	69678E18b	STWO	41	38	-3	8	6,277.225	3,989.588	-3.65	9.35	
5539,106	3295,197		69679N71c	EGWO	36	5539,106	3519,086		18	N	N71c	69679N71c	EGWO		42			6,277.225	3,144.662			
5680,534	3844,472		69679N71c	STWO	44	5680,534	2732,102		9	N	N71c	69679N71c	STWO	36	35	-1	8	6,277.225	3,989.588	-1.55	9.35	
6060,23	4339,659		69681M55b	STWO	36	6060,23	3846,238		455	M	M55b	69681M55b	STWO	28	28	0	8	6,277.225	4,412.051	0.55	9.35	
4817,974	3672,442		69682E39d	STWO	33	4817,974	3225,382		45	E	E39d	69682E39d	STWO	28	25	-3	5	4,694.765	3,567.125	-3.65	5.45	
4973,779	2772,347		69686N67a	EGWO	44	4973,779	2643,8		44	N	N67a	69686N67a	EGWO	42	40	-2	2	4,694.765	2,722.199	-1.55	1.55	
4738,281	2740,892		69687N67a	EGWO	44	4738,281	2520,197		34	N	N67a	69687N67a	EGWO	37	40	3	7	4,694.765	2,722.199	2.65	5.45	
8226,306	3893,863		69690E39a	EGWO		8226,306	3720,445		3	E	E39a	69690E39a	EGWO					7,859.686	3,989.588			
6543,341	3030,819		69696M29	EGWO	49	6543,341	2612,697		18	M	M29c	69696M29c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55	
5447,443	3744,117		69701N60a	STWO	36	5447,443	3483,2		43	N	N60a	69701N60a	STWO	32	31	-1	4	4,694.765	3,567.125	-1.55	5.45	
7071,591	4565,207		69702A09e	STWO	32	7071,591	4586,431		6	A	A09e	69702A09e	STWO	38	35	-3	-6	7,859.686	4,412.051	-3.65	-6.25	
6615,539	4203,342		69703A09e	STWO	32	6615,539	4350,468		90	A	A09e	69703A09e	STWO	39	36	-3	-7	6,277.225	4,412.051	-3.65	-6.25	
4992,38	2782,846		69705N68d	EGWO	46	4992,38	2697,378		45	N	N68d	69705N68d	EGWO	44	44	0	2	4,694.765	2,722.199	0.55	1.55	
4863,525	2859,011		69705N68e	EGWO	44	4863,525	2727,718		7	N	N68e	69705N68e	EGWO	39	41	2	5	4,694.765	2,722.199	2.65	5.45	
5001,48	2760,172		69706N68d	EGWO	47	5001,48	2666,325		18	N	N68d	69706N68d	EGWO	44	44	0	3	4,694.765	2,722.199	0.55	1.55	
7406,823	4263,518		69708E18b	STWO	43	7406,823	4265,815		30	E	E18b	69708E18b	STWO	44	42	-2	-1	7,859.686	4,412.051	-1.55	-2.35	
6154,907	2833,452		69709M29	EGWO	49	6154,907	2467,978		28	M	M29c	69709M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55	
5065,217	2655,355		69710N71c	EGWO	38	5065,217	2177,28		1	N	N71c	69710N71c	EGWO		41			4,694.765	2,722.199			
5392,152	3543,939		69711N71c	EGWO	34	5392,152	3579,99		13	N	N71c	69711N71c	EGWO		38			4,694.765	3,567.125			
6529,174	4060,112		69711N71c	STWO	44	6529,174	3461,35		11	N	N71c	69711N71c	STWO	36	35	-1	8	6,277.225	3,989.588	-1.55	9.35	
4770,802	2949,591		69712N71c	EGWO	38	4770,802	2627,41		2	N	N71c	69712N71c	EGWO		41			4,694.765	3,144.662			
6124,64	3817,445		69712N71c	STWO	39	6124,64	2843,413		2	N	N71c	69712N71c	STWO	31	30	-1	8	6,277.225	3,989.588	-1.55	9.35	
6241,473	4015,324		69716K52h	STWO	43	6241,473	3546,036		79	K	K52h	69716K52h	STWO	45	34	-11	-2	6,277.225	3,989.588	-9.95	-2.35	
4820,815	2787,897		69721N68c	EGWO	45	4820,815	2657,338		9	N	N68c	69721N68c	EGWO	44	42	-2	1	4,694.765	2,722.199	-1.55	1.55	
4449,743	2572,95		69723F81e	EGWO	33	4449,743	2437,126		19	F	F81e	69723F81e	EGWO	33	35	2	0	4,694.765	2,722.199	2.65	1.55	
5065,93	2998,387		69724F88b	EGWO	32	5065,93	3530,052		12	F	F88b	69724F88b	EGWO	36	41	5	-4	4,694.765	3,144.662	4.75	-2.35	
4957,242	2998,377		69725F88b	EGWO	33	4957,242	3315,978		17	F	F88b	69725F88b	EGWO	37	41	4	-4	4,694.765	3,144.662	4.75	-2.35	
4951,282	2844,189		69726F78b	EGWO	35	4951,282	3200,587		13	F	F78b	69726F78b	EGWO	34	38	4	1	4,694.765	2,722.199	4.75	1.55	
4658,579	2950,874		69727T98b	EGWO	24	4811,916	3626,398		16	T	T98b	69727T98b	EGWO	33	37	4	-9	4,694.765	3,144.662	4.75	-10.15	
5939,556	2920,467		69730N71g	EGWO	49	5939,556	2401,142		19	N	N71g	69730N71g	EGWO	44	49	5	5	6,277.225	2,722.199	4.75	5.45	
5221,037	3746,785		69732N71g	STWO	36	5221,037	3275,978		31	N	N71g	69732N71g	STWO	29	28	-1	7	4,694.765	3,567.125	-1.55	5.45	
6039,371	2895,761		69734N71g	EGWO	49	6039,371	2366,668		11	N	N71g	69734N71g	EGWO	43	49	6	6	6,277.225	2,722.199	6.85	5.45	
5670,436	3901,267		69734N71g	STWO	38	5670,436	3538,087		36	N	N71g	69734N71g	STWO	28	31	3	10	6,277.225	3,989.588	2.65	9.35	
5197,859	2830,522		69736F77b	EGWO	47	5197,859	2756,856		5	F	F77b	69736F77b	EGWO	43	46	3	4	4,694.765	2,722.199	2.65	5.45	
3722,437	2411,389		69740T94a	EGWO	35	3722,437	2426,741		19	T	T94a	69740T94a	EGWO	31	35	4	4	3,112.304	2,299.736	4.75	5.45	
4480	3793,416		69740T94a	STWO	20	4480	3294,56		3	T	T94a	69740T94a	STWO	12	10	-2	8	4,694.765	3,989.588	-1.55	9.35	
3741,885	2568,44		69741T94a	EGWO	32	3741,885	2538,256		12	T	T94a	69741T94a	EGWO	28	31	3	4	3,112.304	2,722.199	2.65	5.45	
3731,481	2570,732		69742T94a	EGWO	33	3731,481	2518,208		12	T	T94a	69742T94a	EGWO	28	31	3	5	3,112.304	2,722.199	2.65	5.45	
3719,099	2524,789		69743T94a	EGWO	33	3719,099	2502,022		35	T	T94a	69743T94a	EGWO	29	32	3	4	3,112.304	2,722.199	2.65	5.45	
4480	4010,581		69743T94a	STWO	20	4480	4888,435		3	T	T94a	69743T94a	STWO	12	10	-2	8	4,694.765	3,989.588	-1.55	9.35	
3730,769	2535,554		69744T94a	EGWO	33	3730,769	2485,228		12	T	T94a	69744T94a	EGWO	28	32	4	5	3,112.304	2,722.199	4.75	5.45	
3722,745	2528,379		69745T94a	EGWO	33	3722,745	2494,184		36	T	T94a	69745T94a	EGWO	29	32	3	4	3,112.304	2,722.199	2.65	5.45	
3735,043	2571,469		69746T94a	EGWO	33	3735,043	2520,248		12	T	T94a	69746T94a	EGWO	26	31	5	7	3,112.304	2,722.199	4.75	5.45	
4744,293	2601,275		69750F89c	EGWO	49	4744,293	2352,862		24	F	F89c	69750F89c	EGWO	41	45	4	8	4,694.765	2,722.199	4.75	9.35	
7053,888	4463,741		69754A09d	EGWO	36	7053,888	4527,351		7	A	A09d	69754A09d	STWO	39	37	-2	-3	6,277.225	4,412.051	-1.55	-2.35	
5550,781	3034,068		69770M34	EGWO	48	5550,781	2348,97		6	M	M34f	69770M34f	EGWO		45			6,277.225	3,144.662			
5171,064	2787,63		69771M34	EGWO	43	5171,064	2162,09		2	M	M34f	69771M34f	EGWO		43			4,694.765	2,722.199			
5445,437	2766,516		69772M34	EGWO	43	5445,437	2381,302		2	M	M34f	69772M34f	EGWO		43			4,694.765	2,722.199			
5947,917	4150,911		69772M34	STWO	36	5947,917	3297,875		2	M	M34f	69772M34f	STWO	30	29	-1	6	6,277.225	3,989.588	-1.55	5.45	
5299,802	3148,463		69773M34	EGWO	43	5299,802	2657,219		3	M	M34f	69773M34f	EGWO		41			4,694.765	3,144.662			
5891,827	4290,828		69773M34	STWO	36	5891,827	3713,71		2	M	M34f	69773M34f	STWO	30	29	-1	6	6,277.225	4,412.051	-1.55	5.45	
3796,578	4038,633		69775T93c	STWO	5	3796,578	3730,084		593	T	T93d	69775T93d	STWO	5	5	0	0	3,112.304	3,989.588	0.55	1.55	
7501,382	3659,2		69780M58	EGWO	49	7515,992	3055,939		7	M	M58b	69780M58b	EGWO					7,859.686	3,567.125			

6455,81	4174,467	[redacted]	69780M58	STWO	47	6495,537	3424,037	[redacted]	147	M	M58b	69780M58b	STWO		37		6,277.225	3,989.588					
7902,857			69781M58	EGWO	49	7902,857	3059,859		1	M	M58b	69781M58b	EGWO				7,859.686						
6578,57	4081,267		69781M58	STWO	49	6578,57	3367,557		36	M	M58b	69781M58b	STWO		38		6,277.225	3,989.588					
6075,453	3949,876		69787M33	STWO	35	6075,453	3954,905		40	M	M33j	69787M33j	STWO	38	36	-2	-3 6,277.225	3,989.588	-1.55	-2.35			
5909,687	3938,056		69793M33	STWO	32	5909,687	4048,251		99	M	M33j	69793M33j	STWO	36	33	-3	-4 6,277.225	3,989.588	-3.65	-2.35			
6593,797	3144,098		69815N73l	EGWO	49	6593,797	2826,367		12	N	N73h	69815N73h	EGWO	48	49	1	1 6,277.225	3,144.662	0.55	1.55			
5171,429	4401,066		69824F87e	EGWO		5171,429	4727,74		1	F	F87e	69824F87e	EGWO				4,694.765	4,412.051					
4500	3368,165		69824F87e	STWO		4500	2235,43		1	F	F87e	69824F87e	STWO				4,694.765	3,567.125					
5603,383	2726,076		98000N71g	EGWO	49	5603,383	2218,577		16	N	N71g	98000N71g	EGWO	43	49	6	6 6,277.225	2,722.199	6.85	5.45			
6928,452	4127,939		98003M58	STWO	47	6941,891	3664,698		152	M	M58g	98003M58g	STWO	40	39	-1	7 6,277.225	3,989.588	-1.55	5.45			
6015,07	2902,957		98006N71g	EGWO	49	6015,07	2408,514		8	N	N71g	98006N71g	EGWO	46	49	3	3 6,277.225	2,722.199	2.65	1.55			
5166,736	3153,734		98007M35	EGWO	42	5166,736	2980,008		14	M	M35b	98007M35b	EGWO	44	43	-1	-2 4,694.765	3,144.662	-1.55	-2.35			
6841,319	4065,159		98014E12a	STWO	49	6841,319	3364,369		228	E	E12a	98014E12a	STWO	42	41	-1	7 6,277.225	3,989.588	-1.55	5.45			
5441,711	2884,143		98017N65c	EGWO	49	5441,711	2762,135		22	N	N65d	98017N65d	EGWO	45	47	2	4 4,694.765	2,722.199	2.65	5.45			
6067,797	4048,378		98019F87f	STWO	36	6067,797	4041,696		2	F	F87f	98019F87f	STWO				6,277.225	3,989.588					
4971,409	2775,417		98020N65c	EGWO	47	4971,409	2579,57		14	N	N65d	98020N65d	EGWO	42	43	1	5 4,694.765	2,722.199	0.55	5.45			
5341,925	2873,215		98022N65c	EGWO	49	5341,925	2658,923		13	N	N65d	98022N65d	EGWO	42	46	4	7 4,694.765	2,722.199	4.75	5.45			
5583,581	3982,123		98025E39c	STWO	33	5583,581	3651,24		231	E	E39d	98025E39d	STWO	29	29	0	4 6,277.225	3,989.588	0.55	5.45			
4857,91	2842,97		98028N74c	EGWO	40	4857,91	2680,939		12	N	N74c	98028N74c	EGWO	39	41	2	1 4,694.765	2,722.199	2.65	1.55			
5437,098	2894,144		98029N74c	EGWO	46	5437,098	2927,229		6	N	N74c	98029N74c	EGWO	39	46	7	7 4,694.765	2,722.199	6.85	5.45			
5042,378	3632,464		98031N71c	STWO	44	5042,378	2755,524		32	N	N71c	98031N71c	STWO	31	29	-2	13 4,694.765	3,567.125	-1.55	13.25			
5377,336	3088,221		98032N67c	EGWO	44	5377,336	2999,631		15	N	N67a	98032N67a	EGWO	37	40	3	7 4,694.765	3,144.662	2.65	5.45			
5185,797	2771,623		98033N67c	EGWO	44	5185,797	2530,235		10	N	N67a	98033N67a	EGWO	37	45	8	7 4,694.765	2,722.199	8.95	5.45			
4934,663	3053,084		98034N67c	EGWO	39	4934,663	3659,8		2	N	N67a	98034N67a	EGWO	37	40	3	2 4,694.765	3,144.662	2.65	1.55			
5643,147	3041,913		98035N67c	EGWO	39	5643,147	2960,791		4	N	N67a	98035N67a	EGWO	37	40	3	2 6,277.225	3,144.662	2.65	1.55			
6757,662	4410,911		98037M58	STWO	46	6757,662	3670,383		162	M	M58b	98037M58b	STWO		35		6,277.225	4,412.051					
5659,09	3106,553		98038N67c	EGWO	39	5659,09	3426,763		10	N	N67a	98038N67a	EGWO	37	45	8	2 6,277.225	3,144.662	8.95	1.55			
5572,843	2981,179		98042N67c	EGWO	39	5572,843	2776,698		3	N	N67a	98042N67a	EGWO	37	40	3	2 6,277.225	3,144.662	2.65	1.55			
6408,677	3383,856		98043M35	EGWO	48	6408,677	4281,354		8	M	M35a	98043M35a	EGWO	48	46	-2	0 6,277.225	3,567.125	-1.55	1.55			
4764,384	2654,543		98044M35	EGWO	48	4764,384	2374,595		12	M	M35a	98044M35a	EGWO	48	47	-1	0 4,694.765	2,722.199	-1.55	1.55			
5252,917	3843,056		98044M35	STWO	31	5252,917	3695,247		4	M	M35a	98044M35a	STWO	28	28	0	3 4,694.765	3,989.588	0.55	1.55			

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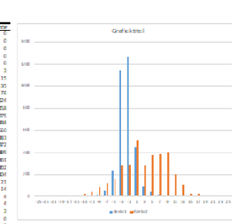

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4381,473	4695,334	[redacted]	0x1f9f14f	STWO	61	6077, 166636	48.18,399305	[redacted]	166 F	f14f	0x1f9f14f	1TWO	38	34	-4	3	4,777.735	3,988.588	-3.05	1.55
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4965,753	257,190		0x0119c72a	STWO	15	4013, 87316	3090,572		66 N	N72a	0x0119c72a	1TWO	30	12	-2	5	4,684.765	3,567.135	2.45	5.45
508,193	2968,187		0x0007b7b9	STWO		3239, 75589	3815,395231		261 N	N7B	0x0007b7b	1TWO	17				3,111.309	3,567.135		
4381,262	2968,177		0x071f187	STWO	37	6213, 147643	3618,899929		30 F	f1f7	0x071f187	1TWO					4,777.735	4,410.053		
4381,282	3844,186		0x0137f93f	STWO	5	3267, 168551	3435,284955		184 T	T13f	0x0137f93	1TWO		5			3,111.309	3,567.135		
4814,579	3900,479		0x0730e55a	STWO	69	7325, 180358	3015,150907		19 M	M55a	0x0730e55	1TWO	60	39	-1	9	7,205.68	3,988.588	-1.55	9.35
5685,556	2930,451		0x0296f5a6	STWO	65	6273, 153835	3569,87901		6 M	M5a6	0x0296f5a	1TWO	60	39	-1	5	4,777.735	3,988.588	-1.55	5.45
5321,037	1746,398		0x0179f55a	STWO	69	6358, 159017	3679,335024		609 M	M55a	0x0179f55	1TWO	62	60	-2	7	7,205.68	5,256.677	-1.55	5.45
4396,371	3895,163		0x0f58f55a	STWO	89	9 M	M55a	3968,95			0x0f58f55	1TWO	60	58	-2	9	4,777.735		-1.55	9.35
5029,496	3965,163		0x0f13ef5a	STWO	69	9646, 191105	3618,254776		17 M	M55a	0x0f13ef5	1TWO	62	60	-2	5	7,205.68	4,410.053	-1.55	5.45
5381,859	3830,529		0x0114f55a	STWO	69	9784, 197253	3788,170359		543 M	M55a	0x0114f55	1TWO	60	58	-2	8	7,205.68	4,410.053	-1.55	9.35
3812,637	2411,388		0x0158f55a	STWO	65	7665, 172745	4178,773830		62 M	M55a	0x0158f55	1TWO	62	61	-2	3	7,205.68	4,836.518	-1.55	1.55
660	3753,436		0x0f58f55a	STWO	89	6456, 137367	3782,837367		1 M	M55a	0x0f58f55	1TWO	60	59	-1	5	4,777.735	3,988.588	-3.05	5.45
5381,685	3958,610		0x0158f55a	STWO	89	6456, 137367	3782,837367		1 M	M55a	0x0158f55	1TWO	65	59	-2	9	4,777.735	3,988.588	-1.55	9.35
3851,681	2930,788		0x0e1fe5ef	STWO	61	2696, 159963	5555, 691327		63 M	M5f	0x0e1fe5e	1TWO	30	31	1	11	4,777.735	3,567.135	0.55	5.45
3851,099	2524,386		0x0e1f61ef	STWO	39	5687, 96106	3925,142194		227 M	M5f	0x0e1f61e	1TWO	31	29	-2	7	4,777.735	3,988.588	-1.55	5.45
660	4030,581		0x0f58f55f	STWO	35	5317, 180307	3819,918935		402 M	M5f	0x0f58f55	1TWO	30	30	0	5	4,684.765	3,567.135	0.55	5.45
3850,759	2535,056		0x0f7fe5ef	STWO	35	5295, 150014	3562,561758		238 M	M5f	0x0f7fe5e	1TWO	30	29	-1	5	4,684.765	3,567.135	-1.55	5.45
3851,795	2538,196		0x0e1bf61ef	STWO	61	3534, 218196	6333, 353009		146 M	M5f	0x0e1bf61	1TWO	30	31	1	11	4,777.735	4,410.053	0.55	5.45
3851,663	2571,488		0x0f26f61ef	STWO	31	5965, 196221	3835,478779		36 M	M5f	0x0f26f61	1TWO	30	27	-3	1	4,777.735	4,410.053	-3.05	1.55
4391,293	2661,273		0x0f26f61ef	STWO	33	5365, 173629	3574,914187		368 M	M5f	0x0f26f61	1TWO	29	28	-1	4	4,684.765	3,988.588	-1.55	5.45
3851,888	4663,591		0x0f26f61ef	STWO	34	5748, 186831	3755,625724		98 M	M5f	0x0556f39	1TWO	28	30	2	6	4,777.735	3,988.588	2.45	5.45
5851,781	3054,669		0x0f7fe5ef	STWO	36	6021, 186078	3732,598536		436 M	M5f	0x0f7fe5e	1TWO	30	29	-1	6	4,777.735	4,410.053	-1.55	5.45
5871,064	3787,61		0x0f3ff7b	STWO	7	1160			9 T	T13c	0x0f3ff7b	1TWO	11				1,529.84			
5345,437	3766,716		0x0f3ff7b	STWO	7	3908, 183319	3635,617568		30 T	T13c	0x0f3ff7b	1TWO	11	11	0	-4	4,684.765	3,567.135	0.55	-4.35
5871,917	4350,811		0x0552af5a	STWO	67	7892, 164162	4067,770738		75 A	A75a	0x0552af5	1TWO	44	41	-3	3	7,205.68	4,410.053	-3.05	1.55
5384,852	3148,453		0x0b9b71c	STWO	68	6240, 175223	3662,593696		36 N	N71a	0x0b9b71c	1TWO	36	35	-1	8	4,777.735	3,988.588	-1.55	9.35
5381,877	4790,878		0x0b739c71c	STWO	59	5811, 177504	3591,179259		32 N	N71c	0x0b739c7	1TWO	35	32	-3	3	4,777.735	3,988.588	-3.05	1.55
3854,578	4038,433		0x0729d71c	STWO	63	5760, 211162	3275,218037		43 N	N71a	0x0729d71	1TWO	33	32	-1	10	4,777.735	3,988.588	-1.55	9.35
1761,362	3055,2		0x0f3f1f68	STWO	32	5346, 157019	3539,156239		88 F	f1f8	0x0f3f1f6	1TWO	30	28	-2	2	4,684.765	3,567.135	-1.55	1.55
5455,81	4134,467		0x0f3f118b	STWO	69	5975, 211105	3812,235533		6 F	f18b	0x0f3f18b	1TWO	41	38	-3	8	4,777.735	3,988.588	-3.05	9.35
3861,857			0x0b739c71c	STWO	68	2730, 202329	5680, 553018		5 N	N71c	0x0b739c7	1TWO	36	35	-1	8	4,777.735	3,988.588	-1.55	9.35
6035,57	4081,267		0x0234f55a	STWO	36	6065, 196768	3846,238814		495 M	M55a	0x0234f55	1TWO	39	38	0	8	4,777.735	4,410.053	0.55	9.35
5971,453	3949,878		0x0e1f35d	STWO	53	6817, 183925	3975,139196		45 F	f35d	0x0e1f35d	1TWO	28	25	-3	5	4,684.765	3,567.135	-3.05	5.45
5381,687	3938,056		0x0f155a5a	STWO	36	5447, 183114	3683,399733		43 N	N55a	0x0f155a5	1TWO	32	33	-1	4	4,684.765	3,567.135	-1.55	5.45
5381,797	3144,056		0x0f2a7d5a	STWO	32	7071, 161412	4581,436845		6 A	A75a	0x0f2a7d5	1TWO	38	35	-3	-6	7,205.68	4,410.053	-3.05	-6.25
5371,499	4401,666		0x0f37d05a	STWO	32	6835, 196695	4955,868059		60 A	A05a	0x0f37d05	1TWO	36	36	-3	-7	4,777.735	4,410.053	-3.05	-6.25
4520	3368,166		0x0f0d116a	STWO	43	6562,81646	7436,82726		30 F	f116	0x0f0d116	1TWO	44	42	-2	-1	7,205.68	4,410.053	-1.55	-2.35
5381,383	3736,676		0x0118f71c	STWO	66	6529, 177736	3662,395638		11 N	N71c	0x0118f71	1TWO	36	35	-1	8	4,777.735	3,988.588	-1.55	9.35
5381,453	4127,818		0x0f13f71c	STWO	39	5545, 215216	3545,145496		2 N	N71a	0x0f13f71	1TWO	33	30	-2	6	4,777.735	3,988.588	-1.55	5.45
5035,57	2962,853		0x0f3bf52a	STWO	63	6245, 172659	3545,235836		78 K	K52a	0x0f3bf52	1TWO	45	34	-11	-2	4,777.735	3,988.588	-9.95	-3.35
5381,796	3163,359		0x0f13f71d	STWO	36	5231, 186610	3575,178215		31 N	N71a	0x0f13f71	1TWO	39	38	-1	7	4,684.765	3,567.135	-1.55	5.45
4381,359	4065,356		0x0f3467af	STWO	38	5836, 186567	3736,666567		36 N	N71a	0x0f3467a	1TWO	28	31	3	10	4,777.735	3,988.588	2.45	9.35
5461,711	2884,161		0x0f07f9fa	STWO	20	4480	3296,592382		3 T	T5fa	0x0f07f9f	1TWO	12	10	-2	8	4,684.765	3,988.588	-1.55	9.35
5461,797	4048,178		0x0f3f9fa	STWO	20	4480	4888,43488		3 T	T5fa	0x0f3f9fa	1TWO	14	10	-4	4	4,684.765	3,988.588	-3.05	-2.35
4807,459	3795,413		0x0f1a4264	STWO	36	5973, 183116	4527,95181		9 A	A75a	0x0f1a426	1TWO	36	37	-2	-3	4,777.735	4,410.053	-1.55	-2.35
5361,675	3873,159		0x0f29af5a	STWO	36	5097, 174676	4564,181627		2 M	M5a	0x0f29af5	1TWO	30	29	-1	6	4,777.735	3,988.588	-1.55	5.45
5381,581	3983,337		0x0f13f61f	STWO	36	5891, 180823	3713,710668		2 M	M5f	0x0f13f61	1TWO	30	29	-1	6	4,777.735	4,410.053	-1.55	5.45
5837,81	3845,81		0x0f7f75d	STWO	5	3796, 179066	3730,283903		553 T	T15d	0x0f7f75d	1TWO	5	5	0	0	3,111.309	3,988.588	0.55	1.55
5821,088	3864,169		0x0f30bf52b	STWO	67	6495, 217767	3624,237245		147 M	M52b	0x0f30bf5	1TWO	37	37	0	6	4,777.735	3,988.588		
5381,378	3833,459		0x0f61bf52b	STWO	69	6736, 195143	3607,979175		56 M	M52b	0x0f61bf5	1TWO	38	37	-1	5	4,684.765	3,988.588		
5371,166	3868,223		0x0f27d31b	STWO	35	6075, 185341	3956,805511		46 M	M31	0x0f27d31	1TWO	36	36	-2	-3	4,777.735	3,988.588	-1.55	-2.35
5381,797	3771,623		0x0f1bf61b	STWO	32	5909, 182612	4048,256546		99 M	M61	0x0f1bf61	1TWO	30	33	-3	-6	4,777.735	3,988.588	-3.05	-2.35
4814,623	3853,269		0x0f26f27e	STWO		4520, 63	2235,63		1 F	f27e	0x0f26f27	1TWO					4,684.765	3,567.135		
5361,167	3641,815		0x0f36ff5ae	STWO	67	6841, 180644	3645,689977		152 M	M5ae	0x0f36ff5	1TWO	40	39	-1	7	4,777.735	3,988.588	-1.55	5.45
4571,622	4830,513		0x0f1ef13a	STWO	69	6841, 193616	3568, 168779		238 F	f13a	0x0f1ef13	1TWO	43	41	-1	7	4,777.735	3,988.588	-1.55	5.45
5038,39	3936,731		0x0f38f61f	STWO	36	6661, 179663	4061,189558		2 F	f1f	0x0f38f61	1TWO					4,777.735	3,988.588		
5371,883	2981,175		0x0f2e3fbf	STWO	33	5563, 161408	3651,239889		231 E	E3bf	0x0f2e3fb	1TWO	29	29	0	6	4,777.735	3,988.588	0.55	5.45
5381,677	3383,876		0x0f13b71c	STWO	64	5262, 173646	3955,554869		32 N	N71c	0x0f13b71	1TWO	31	29	-2	11	4,684.765	3,567.135	-1.55	13.25
4814,384	3854,581		0x0f17bf38b	STWO	66	6751, 161164	3635, 183303		163 M	M38b	0x0f17bf3	1TWO	35	35	0	5	4,777.735	4,410.053		
5361,617	3841,056		0x0e1fe635a	STWO	31	5252, 182358	3681,24795		6 M	M65a	0x0e1fe63	1TWO	28	28	0	3	4,684.765	3,988.588	0.55	1.55

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Gemiddelde WOZ-waarde BSQ 2022 (MBM)	Gemiddelde opstalwaarde BSQ 2022 (MBM)	Unique concatenate with count(Hoofdcode omschrijving)	Unique concatenate with count(Hoofdcode)	Geocode (81)	Gebruikscode (81)	BSQ 2023 (MBM - punt 2 3 correctie)	Gemiddelde WOZ-waarde BSQ 2022 nieuwe GC grenzen (MBM - punt 2 3 correctie)	Gemiddelde opstalwaarde BSQ 2022 nieuwe ranking (MBM - punt 2 3 correctie)	Unique concatenate with count(Hoofdcode) (81)	Unique concatenate with count(Hoofdcode omschrijving) (81)	Count(Hoofdcode)	First(Statcode)	First(Buurtcode)	Gecode	Gebruikscode	BSQ 2023 (MBM)	versc hil 21_M BM	versc hil 21_M 3E	Gemiddelde WOZ-waarde BSQ 2022 (MBM)	Gemiddelde opstalwaarde BSQ 2022 (MBM) (Binned)	vers chil 2021 MBM (Binned)	verschil_2021_M3E (Binned)
8430,252783	4915,705938	[redacted]		00035A06c	EGWO	41	7647,894349	4532,2648	[redacted]		5	A	A06c	00035A06c	EGWO	47	49	2	6	7,859 686	3,989 588	2,65	6,25
6519,256412	4198,671253	[redacted]		00051A06a	EGWO	45	8156,660731	4780,09927	[redacted]		3	A	A06a	00051A06a	EGWO	49	49	0	4	7,859 686	4,412 051	0,55	2,35
7647,894349	3937,46893	[redacted]		00078A05d	EGWO	49	7825,757376	4648,663381	[redacted]		1	A	A05d	00078A05d	EGWO	49	49	0	0	7,859 686	3,989 588	0,33	1,33
7700,707749	4555,46864	[redacted]		00116N60s	EGWO	35	6368,983986	4181,958163	[redacted]		7	N	N60s	00116N60s	EGWO	27	29	2	8	6,277 225	4,412 051	2,65	9,35
7204,548775	4203,955504	[redacted]		00124A06l	EGWO	43	8859,33962	4940,125002	[redacted]		3	A	A06l	00124A06l	EGWO	49	49	0	6	9,442 146	4,412 051	0,55	6,25
8136,660731	4310,367708	[redacted]		00132A06a	EGWO	40	7313,623	4326,94875	[redacted]		3	A	A06a	00132A06a	EGWO	47	48	1	-7	7,859 686	3,989 588	0,55	6,25
7559,268666	4371,876034	[redacted]		00140E20a	EGWO	46	6346,320346		[redacted]		1	E	E20a	00140E20a	EGWO		49			6,277 225			
7825,757376	4015,794238	[redacted]		00140E20b	EGWO	49	6293,025704	3096,4932	[redacted]		6	E	E20b	00140E20b	EGWO					6,277 225	3,144 662		
7731,761346	4672,588005	[redacted]		00140E20c	EGWO		5758,679458	2374,51125	[redacted]		2	E	E20c	00140E20c	EGWO					6,277 225	2,722 199		
7012,335826	4541,819003	[redacted]		00167K24c	EGWO	47	6610,063991	3804,9616	[redacted]		1	K	K24c	00167K24c	EGWO					6,277 225	3,567 125		
5738,868266	4149,639056	[redacted]		00213A06g	EGWO	40	7706,071286	4521,347576	[redacted]		5	A	A06g	00213A06g	EGWO	46	46	0	4	7,859 686	3,989 588	0,55	6,25
7124,626676	4218,586894	[redacted]		00248A06c	EGWO	44	7589,538956	4404,739025	[redacted]		5	A	A06c	00248A06c	EGWO	49	48	1	-5	7,859 686	3,989 588	1,55	6,25
7493,336955	4297,781228	[redacted]		00256A06d	EGWO	45	7541,498994	4416,87265	[redacted]		2	A	A06d	00256A06d	EGWO	49	49	0	4	7,859 686	3,989 588	0,55	2,35
7570,583697	4197,62684	[redacted]		00264A06g	EGWO	43	7345,397348	3755,01179	[redacted]		5	A	A06g	00264A06g	EGWO	49	49	0	4	7,859 686	3,567 125	0,33	2,35
6268,983986	4588,426701	[redacted]		00337A06g	EGWO	45	8323,329412		[redacted]		1	A	A06g	00337A06g	EGWO	49	49	0	4	7,859 686	4,412 051	0,55	2,35
8859,13962	4367,345394	[redacted]		00345A45a	EGWO	46	6309,94152	3709,81	[redacted]		1	K	K45a	00345A45a	EGWO	47	48	1	-1	6,277 225	3,144 662	0,55	2,35
7516,939804	4879,811929	[redacted]		00361A06l	EGWO	43	7592,154038	4398,022674	[redacted]		4	A	A06l	00361A06l	EGWO	49	49	0	6	7,859 686	3,989 588	0,55	6,25
7315,625	4069,430845	[redacted]		00418N61c	EGWO	42	6198,401105	3562,773957	[redacted]		24	N	N61c	00418N61c	EGWO	35	34	1	7	6,277 225	3,989 588	1,55	5,45
8169,687174	4747,132262	[redacted]		00426A07e	EGWO	48	9669,243699	4271,738112	[redacted]		7	A	A07e	00426A07e	EGWO	49	49	0	-1	6,277 225	3,567 125	0,33	2,33
6346,320346		[redacted]		00450A06l	EGWO	43	7901,250052	4294,2661	[redacted]		5	A	A06l	00450A06l	EGWO	49	48	1	6	7,859 686	3,989 588	1,55	6,25
7668,00672	4350,631677	[redacted]		00477A06c	EGWO	39	7787,211483	4626,813089	[redacted]		7	A	A06c	00477A06c	EGWO	47	48	1	-8	7,859 686	3,989 588	0,55	6,25
6293,025704	3039,854887	[redacted]		00483MZ8a	EGWO		4781,437126	3068,1093	[redacted]		1	M	MZ8a	00483MZ8a	EGWO					4,694 765			
7579,489452	4307,899059	[redacted]		00493A06l	EGWO	45	7027,018804	4364,7018	[redacted]		2	A	A06l	00493A06l	EGWO	49	49	0	4	6,277 225	3,567 125	0,55	2,35
5758,678458	2670,770199	[redacted]		00511E20b	EGWO	49	6907,802065	3088,56825	[redacted]		5	E	E20b	00511E20b	EGWO					6,277 225	3,567 125		
7468,226129	4281,417462	[redacted]		00538N60i	EGWO	28	6178,31861	4319,632968	[redacted]		6	N	N60i	00538N60i	EGWO	32	34	2	6	9,277 225	4,834 514	2,65	3,43
7410,341814	4154,907235	[redacted]		00566A06l	EGWO	43	8229,508197	4824,546941	[redacted]		1	A	A06l	00566A06l	EGWO	49	49	0	6	7,859 686	3,989 588	0,55	6,25
6608,20042	4080,940331	[redacted]		00574A06a	EGWO	40	7905,869518	4741,407769	[redacted]		3	A	A06a	00574A06a	EGWO	47	48	1	-7	7,859 686	3,989 588	0,33	6,23
6983,660685	4434,299658	[redacted]		00582E20a	EGWO	46	6335,909537	3426,36085	[redacted]		3	E	E20a	00582E20a	EGWO		49			6,277 225	3,144 662		
6610,362893	3367,363854	[redacted]		00663A06g	EGWO	45	7452,589774	3940,820579	[redacted]		4	A	A06g	00663A06g	EGWO	49	49	0	4	7,859 686	3,567 125	0,55	2,35
7790,521633	4340,578122	[redacted]		00671A09c	EGWO	49	8970,29703	5459,666774	[redacted]		1	A	A09c	00671A09c	EGWO	49	49	0	0	9,442 146	4,412 051	0,55	1,55
7352,19288	4328,192404	[redacted]		00698A06c	EGWO	49	8194,128849	3583,544661	[redacted]		7	A	A06c	00698A06c	EGWO	49	49	0	0	7,859 686	3,989 588	0,33	1,33
7310,11546	4212,217178	[redacted]		00728A06g	EGWO	45	7310,606061	2644,8336	[redacted]		1	A	A06g	00728A06g	EGWO	49	49	0	4	7,859 686	3,144 662	0,55	2,35
7938,228514	4573,264738	[redacted]		00760M28c	EGWO	45	9289,349224	2147,281286	[redacted]		15	M	M28c	00760M28c	EGWO	49	49	0	-4	6,277 225	3,144 662	0,33	2,33
7458,201722	4310,656002	[redacted]		00795A06g	EGWO	45	7172,231716	3751,435	[redacted]		2	A	A06g	00795A06g	EGWO	49	49	0	4	7,859 686	3,144 662	0,55	2,35
7479,134127	4746,499845	[redacted]		00809K45a	EGWO	46	6957,351713	3575,053098	[redacted]		3	K	K45a	00809K45a	EGWO	47	48	1	-1	6,277 225	3,567 125	0,55	2,35
7846,955921	4503,166243	[redacted]		00868N61c	EGWO	44	6273,321416	3484,959954	[redacted]		20	N	N61c	00868N61c	EGWO	35	36	1	9	6,277 225	3,989 588	0,33	9,33
7893,218123	4682,127876	[redacted]		00887A07e	EGWO	49	8995,629438	5296,856507	[redacted]		13	A	A07e	00887A07e	EGWO	49	49	0	0	9,442 146	3,989 588	0,55	1,55
7379,738509	4412,019647	[redacted]		00906A06l	EGWO	43	7420,441347	3647,61145	[redacted]		2	A	A06l	00906A06l	EGWO	49	49	0	6	7,859 686	3,567 125	0,55	6,25
7709,071286	3930,663567	[redacted]		00914A06a	EGWO	40	6308,133333	4610,44375	[redacted]		2	A	A06a	00914A06a	EGWO	47	48	1	-7	6,277 225	3,567 125	0,33	6,23
8164,184246	4923,211203	[redacted]		00922E20a	EGWO	46	6550,348309	3436,18235	[redacted]		2	E	E20a	00922E20a	EGWO		49			6,277 225	3,144 662		
6217,3786	4438,546891	[redacted]		00965A06c	EGWO	44	8497,781363	4553,2172	[redacted]		2	A	A06c	00965A06c	EGWO	49	49	0	5	7,859 686	4,412 051	0,55	6,25
7589,538966	3951,610071	[redacted]		01015K45a	EGWO	46	8013,432702	4220,497375	[redacted]		11	K	K45a	01015K45a	EGWO	47	47	0	-1	7,859 686	4,412 051	0,55	2,35
7751,631393	4644,943893	[redacted]		01023N61c	EGWO	44	6303,396189	3496,476419	[redacted]		22	N	N61c	01023N61c	EGWO	35	36	1	9	6,277 225	3,989 588	0,55	9,35
7541,498994	3826,440681	[redacted]		01031A07e	EGWO	49	9011,509684	5717,051134	[redacted]		11	A	A07e	01031A07e	EGWO	49	49	0	0	9,442 146	3,989 588	0,33	1,33
8147,457732	4746,203707	[redacted]		01066N61c	EGWO	40	6097,204491	3626,232965	[redacted]		18	N	N61c	01066N61c	EGWO	33	31	2	7	6,277 225	3,989 588	1,55	5,45
7145,197348	3502,943378	[redacted]		01074N61c	EGWO	39	5721,724152	3755,56103	[redacted]		18	N	N61c	01074N61c	EGWO	31	31	0	8	6,277 225	4,412 051	0,55	9,35
7495,660431	4523,012746	[redacted]		01082N61c	EGWO	44	6829,613095	4466,936497	[redacted]		4	N	N61c	01082N61c	EGWO	35	36	1	8	6,277 225	4,834 514	0,33	9,35
7141,734066	4136,485894	[redacted]		01120N70s	EGWO	45	6406,514716	2278,671288	[redacted]		4	N	N70s	01120N70s	EGWO	39	40	1	6	4,694 765	2,299 736	0,55	5,45
7331,86374	4354,063302	[redacted]		01139F78b	EGWO	37	4454,524803	2392,056295	[redacted]		15	F	F78b	01139F78b	EGWO	34	38	4	3	4,694 765	2,722 199	4,75	1,55
3669,600426	3838,466419	[redacted]		01139M72a	EGWO	42	6481,848688	3023,189063	[redacted]		2	N	N72a	01139M72a	EGWO	39	40	1	6	6,277 225	3,567 125	4,75	3,43
6319,0845	4050,121797	[redacted]		01201N65c	EGWO	31	4747,831633	3277,741196	[redacted]		14	N	N65c	01201N65c	EGWO	30	32	2	1	4,694 765	3,144 662	2,65	1,55
7123,420914	4378,5,39	[redacted]		01228F77a	EGWO	28	4350,582892	3120,149553	[redacted]		18	F	F77a	01228F77a	EGWO	24	30	6	4	4,694 765	3,144 662	6,85	5,45
6177,899303	3932,499791	[redacted]		01244T52g	EGWO		4222,222222	3628,61	[redacted]		1	T	T52g	01244T52g	EGWO					4,694 765	2,722 199		
8173,529412	4599,425564	[redacted]		01295N65c	EGWO	32	4685,111963	3186,115428	[redacted]		58	N	N65c	01295N65c	EGWO	29	31	2	3	4,694 765	3,144 662	2,65	1,55
7812,243398	4629,441077	[redacted]		01325A07h	EGWO	49	7347,211868	3915,8161	[redacted]		2	A	A07h	01325A07h	EGWO	49	49	0	0	7,859 686	3,567 125	0,33	1,33
6309,94152	3238,952187	[redacted]		01333N73h	EGWO	42	7031,823588	3911,206835	[redacted]		7	N	N73h	01333N73h	EGWO	43	45	2	1	6,277 225	3,989 588	2,65	2,35
7692,729364	4489,034871	[redacted]		01341A07g	EGWO	49	9334,709755	4201,35812	[redacted]		8	A	A07g	01341A07g	EGWO	49	49	0	0	9,442 146	4,412 051	0,55	1,55
7480,809991	4429,55564	[redacted]		01341A07h	EGWO	49	9557,859478	4318,192888	[redacted]		2	A	A07h	01341A07h	EGWO	49	49	0	0	9,442 146	4,834 514	0,33	1,33
7592,154938	3779,488911	[redacted]		01368N73h	EGWO	47	7023,862431	3715,340692	[redacted]		13	N	N73h	01368N73h	EGWO	44	48	4	3	6,277 225	3,567 125	4,75	1,55
7916,765783	4633,301244	[redacted]		01376F89b	EGWO	31	4542,997543	3114,172149	[redacted]		33	F	F89b	01376F89b	EGWO	30	33	3	1	4,694 765	3,144 662	2,65	1,55
7231,467202	4307,191299	[redacted]		01392N61b	EGWO	41	4286,95201	2520,21	[redacted]		7	N	N61b	01392N61b	EGWO	36	38	2	5	4,694 765	2,722 199	2,65	5,45
7584,660721	4475,415248	[redacted]		01473F78d	EGWO	36	3761,538462	2199	[redacted]		16	F	F78d	01473F78d	EGWO	25	28	3	11	3,112 304	2,722 199	3,65	9,35
6696,983924	4291,101198	[redacted]		01503N66d	EGWO	32	4142,389159	2751,307887	[redacted]		14	N	N66d	01503N66d	EGWO	32	31	1	0	4,694 765	2,722 199	1,33	1,33
5926,120383	4195,141779	[redacted]		01597T18a	EGWO	49	6488,888889	3615,8626	[redacted]		1	E	E18a	01597T18a	EGWO	49	49	0	0	6,277 225	3,144 662	0,55	1,55
6198,401105	4085,675319	[redacted]		01627F88j	EGWO	29	4809,91828	2678,421314	[redacted]		5	F	F88j	01627F88j	EGWO	27	30	3	2	4,694 765	2,722 199	3,65	1,55
6669,242699	3901,499826	[redacted]		01635F88j	EGWO	29	2932,20339	2348,78	[redacted]		1	F	F88j	01635F88j	EGWO	27	30	3	2	3,112 304	2,299 736	2,65	1,55
6866,671642	4505,251803	[redacted]		01651F83a	EGWO	36	4052,962963	2584,499125	[redacted]		9	F	F83a	01651F83a	EGWO	34	37	3	2	4,694 765	2,722 199	2,65	1,55
7113,526997	4360,229791	[redacted]		01678M57d	EGWO	49	6366,195771	3206,336709	[redacted]		14	M	M57d	01678M57d	EGWO	41	43	2	8	6,277 225	3,567 125	2,65	9,35
7901,250052	4130,07887	[redacted]		01716A06c	EGWO	44	7341,03068	4400,6139	[redacted]		2	A	A06c	01716A06c	EGWO	49	49	0	-5	7,859 686	3,989 588	0,55	6,25
8076,785199	4773,618813	[redacted]		01724F78d	EGWO	36	4359,261012	2541,304109	[redacted]		18	F	F78d	01724F78d	EGWO	33	36	3	3	4,694 765	2,722 199	3,65	1,55
9486,147429	4123,249823	[redacted]		01729K49c	EGWO	49	11678,67639	3046,2642	[redacted]		1	K	K49c	01729K49c	EGWO					11,624 607			
7787,211483	4039,299432	[redacted]		01848F77f	EGWO	28	4142,471338	3119,635794	[redacted]		14	F	F77f	01848F77f	EGWO	24	28	4	4	4,694 765	3,144 662	4,75	5,45
7432,706111	4384,541486	[redacted]		01864K49d	EGWO	49	10891,56397	7501,005015	[redacted]		8	K	K49d	01864K49d	EGWO	49	49	0	0	11,624 607	3,567 125	0,55	1,55
4,814,417149		[redacted]		01894K49c	EGWO	49	11098,1477	7390,484429	[redacted]		2	K	K49c	01894K49c	EGWO	49	49	0	0	11,624 607	3,567 125	0,33	1,33
6807,899241	4419,698288	[redacted]		01880N65b	EGWO	31	5211,309524	3588,098676	[redacted]		6	N	N65b	01880N65b	EGWO	25	28	3	6	4,694 765	3,567 125	2,65	5,45
7027,020804	3694,199227	[redacted]		01899N65b	EGWO	31	5116,541807	3529,265807	[redacted]		14	N	N65b	01899N65b	EGWO	24	28	4	7	4,694 765	3,567 125	4,75	5,45
797,51222	4613,186258	[redacted]		01910M53c	EGWO	49	1880,534808	2459,458419	[redacted]		2	K	K53c	01910M53c	EGWO	49	49	0	0	6,277 225	2,722 199	0,33	1,33
7866,202363	4324,127039	[redacted]		01937K47c	EGWO	49	9611,380785	3573,918026	[redacted]		11	K	K47c	01937K47c	EGWO		49			9,442 146	3,989 588		
5415,631271	3995,624575	[redacted]		01945A08c	EGWO		9112,5	5761,309522	[redacted]		1	A	A08c	01945A08c	EGWO					9,442 146	4,834 514		
6907,802065	3941,562623	[redacted]		01953A08c	EGWO		3618,677043	3627,1882	[redacted]		1	A	A08c	01953A08c	EGWO					6,277 225			
7423,396056	4773,897173	[redacted]		02003N65b	EGWO	33	4689,991384	3447,868627	[redacted]		4	N	N65b	02003N65b	EGWO	28	32	4	5	4,694 765	3,567 125	4,75	5,45
8111,909569	4312,352315	[redacted]		02062F85b	EGWO	45	4622,159076	2530,259203	[redacted]		17	F	F85b	02062F85b	EGWO	39	42	3	6	4,694 765	2,722 199	2,65	5,45
7639,730018	4074,138812	[redacted]		02089N65c	EGWO	33	4497,371292	3000,518167	[redacted]		14	N	N65c	02089N65c	EGWO	30	33	3	3	4,694 765	3,144 662	2,65	1,55
6178,31861	4086,803176	[redacted]		02127N63a	EGWO	40	5495,348433	3314,159919	[redacted]		25	N	N63a	02127N63a	EGWO	33	36	3	-7	6,277 225	3,567 125	2,65	5,45
8229,508197	4017,417876	[redacted]		02135N69h	EGWO	31	3425,721419	2359,260134	[redacted]		57	N	N69h	02135N69h	EGWO	21	25	4	10	3,112 304	2,722 199	4,73	9,33
7938,618882	4571,781108	[redacted]		02151N67a	EGWO	39	4574,792667	2893,146966	[redacted]		28	N	N67a	02151N67a	EGWO	37	40	3	2	4,694 765	2,722 199	2,65	1,55
7905,869518	4075,173876	[redacted]		02178M56c	EGWO	49	6648,148148	2410,19099	[redacted]		1	M	M56c	02178M56c	EGWO	49	49	0	0	6,277 225	2,722 199	0,55	1,55
7507,866131	4339,260388	[redacted]		02186A03d	EGWO	49	8981,306969	3681,13623	[redacted]		11	A	A03d	02186A03d	EGWO	49	49	0	0	9,442 146	3,567 125	0,33	1,33
6135,905037	3048,879339	[redacted]		02186A04l	EGWO	44	7303,703704	4349,7647	[redacted]		1	A	A04l	02186A04l	EGWO	48	49	1	4	7,859 686	3,567 125	0,55	2,35
8179,730223	4412,548161	[redacted]		02186A07h	EGWO	49	8856,25	3632,8627	[redacted]		2	A	A07h	02186A07h	EGWO	49	49	0	0	9,442 146	3,567 125	0,55	1,55
7985,183	4309,254049	[redacted]		02186A08a	EGWO	46	6287,106063	3362,446098	[redacted]		5	A	A08a	02186A08a	EGWO	49	49	0	-3	6,277 225		0,55	2,35
6831,270262	4029,994427	[redacted]		02194K24a	EGWO	46	5963,333333	3164,09	[redacted]		1	K	K24a	02194K24a	EGWO	49	49	0	3	6,277 225		0,55	2,35
7421,873372	4412,772052	[redacted]		02194K26a	EGWO	49	6269,12636	4271,3283	[redacted]		4	K	K26a	02194K26a	EGWO	49	49	0	0	6,277 225	3,989 588	0,33	1,33
7479,474418	4281,123494	[redacted]		02224A03c	EGWO		7704,918033	4459,9482	[redacted]		1	A	A03c	02224A03c	EGWO					7,859 686	3,989 588		
7248,488161	4211,929786	[redacted]		02231K23c	EGWO	44	5523,765477	3799,08778	[redacted]		5	K	K23c	02231K23c	EGWO				45	6,277 225	3,144 662		
7662,583009	4331,887179	[redacted]		02232K45b	EGWO	49	7603,063922	3155,693053	[redacted]		6	K	K45b	02232K45b	EGWO	49	49	0	0	7,859 686	3,567 125	0,33	1,33
7382,766704	4243,693253	[redacted]		02232K46b	EGWO		7361,867704	2311,6361	[redacted]		1	K	K46b	02232K46b	EGWO					7,859 686			
7369,129643	4429,097229	[redacted]		02232K90d	EGWO	49	5849,111854	2726,642199	[redacted]		122	K	K90d	02232K90d	EGWO	49	49	0	0	6,277 225	3,144 662	0,55	1,55
7573,748111	4438,839771	[redacted]		02232K90i	EGWO	49	6447,614149	2859,783241	[redacted]		19	K	K90i	02232K90i	EGWO	49	49	0	0	6,277 225	3,144 662	0,33	1,33
7194,342073	4240,489502	[redacted]		02232K90j	EGWO		7963,369963	3749,871284	[redacted]		3	K	K90j	02232K90j	EGWO					7,859 686	3,989 588		
7648,06575	4498,348876	[redacted]		02240A03d	EGWO	49	8272,492482	3643,5675	[redacted]		2	A	A03d	02240A03d	EGWO					7,859 686	3,567 125		
7410,128139	4389,969424	[redacted]		02267E39a	EGWO		5723,166667	3	[redacted]		1	E	E39a	02267E39a	EGWO					6,277 225			
7452,583774	3611,748599	[redacted]		02275N65c	EGWO	38	4440,898345	7444,306667	[redacted]		6	N	N65c	02275N65c	EGWO	30	35	5	8	4,694 765	2,722 199	4,75	9,35
7737,7411	4660,674199	[redacted]		02283N62a	EGWO	32	4322,949727	3076,235126	[redacted]		18	N	N62a	02283N62a	EGWO	31	31	0	1	4,694 765	3,144 662	0,33	1,33
8079,29703	4308,583818	[redacted]		02312F89h	EGWO	28	4535,285285	3090,441959	[redacted]		26	F	F89h	02312F89h	EGWO	30	33	3	-2	4,694 765	3,144 662	2,65	1,55
5519,608279	4123,009285	[redacted]		02364N65b	EGWO	28	4571,589741	3410,052179	[redacted]		18	N	N65b	02364N65b	EGWO	23	27	4	5	4,694 765	3,567 125	4,75	5,45
8194,128849	3796,096767	[redacted]		02402A06l	EGWO	43	7924,758322	3957,189781	[redacted]		5	A	A06l	02402A06l	EGWO	49	49	0	6	7,859 686	3,989 588	0,55	6,25
7423,869145	4482,713613	[redacted]		02439F77d	EGWO	42	4513,864707	2618,565907	[redacted]		13	F	F77d	02439F77d	EGWO	36	39	3	6	4,694 765	2,722 199	2,65	5,45
8021,532456	4585,141537	[redacted]		02488F77f	EGWO	28	4199,007565	3128,401461	[redacted]		15	F	F77f	02488F77f	EGWO	24	28	4	4	4,694 765	3,144 662	4,75	5,45
7310,606061	3162,569583	[redacted]		02518N65b	EGWO	31	4569,337205	3156,539693	[redacted]		11	N	N65b	02518N65b	EGWO	28	30	2	3	4,694 765	3,144 662	2,65	1,55
7817,084415	4274,18128	[redacted]		02526E49d	EGWO	49	10277,86135	2540,2856	[redacted]		5	K	K49d	02526E49d	EGWO	49	49	0	0	11,624 607	3,989 588	0,55	1,55
6934,204083	4399,2857	[redacted]		02542F89j	EGWO	27	3910,174881	3029,734706	[redacted]		34	F	F89j	02542F89j	EGWO	28	30	2	-1	4,694 765	2,722 199	2,65	2,35
6626,528262	4178,506286	[redacted]		02569F89j	EGWO	27	4045,045045	3042,445257	[redacted]		30	F	F89j	02569F89j	EGWO	29	30	1	2	4,694 765	3,144 662	0,55	2,35
6967,794835	4056,522467	[redacted]		02577F76a	EGWO	33	5255,579869	3285,932226	[redacted]		8	F	F76a	02577F76a	EGWO	32	37	5	1	4,694 765	3,144 662	4,75	1,55
6389,349124	3137,011078	[redacted]		02585K39b	EGWO	49	9951,729123	2737,738923	[redacted]		4	K	K39b	02585K39b	EGWO	49	49	0	0	9,442 146	3,989 588	0,33	1,33
6218,174139	3950,577815	[redacted]		02615F77c	EGWO	27	3909,849569	2478,488434	[redacted]		24	F	F77c	02615F77c	EGWO	28	29	1	-1	4,694 765	2,722 199	0,55	2,35
7341,01789	4377,256443	[redacted]		02623F78d	EGWO	27	4063,353473	2676,092524	[redacted]		48	F	F78d	02623F78d	EGWO	24	28	4	3	4,694 765	2,722 199	4,75	1,55
7581,782946	4211,521217	[redacted]		02631K49a	EGWO	49	11748,97464	3108,36159	[redacted]		4	K	K49a	02631K49a	EGWO		49			11,624 607			
7172,231716	2235,000292	[redacted]		02631K49b	EGWO	49	12176,2326	3032,862647	[redacted]		28	K	K49b	02631K49b	EGWO	49	49	0	0	12,607 067	3,989 588	0,55	1,55
7378,886558	4494,31152	[redacted]		02631K49c	EGWO	49	10463,37769	3087,1077	[redacted]		2	K	K49c	02631K49c	EGWO		49			11,624 607			
6957,353713	3385,956383	[redacted]		02631K49d	EGWO	49	9634,320911	2331,02063	[redacted]		4	K	K49d	02631K49d	EGWO	49	49	0	0	9,442 146		0,33	1,33
7173,518363	4176,723738	[redacted]		02674N67a	EGWO	37	5006,598669	3133,809741	[redacted]		12	N	N67a	02674N67a	EGWO	33	37	4	4	4,694 765	3,144 662	4,75	5,45
7838,695755	4393,814168	[redacted]		02704M56b	EGWO	49	3516,328926	2364,7675	[redacted]		1	M	M56b	02704M56b	EGWO	49	49	0	0	6,277 225	2,722 199	0,33	1,33
8007,975037	4655,869942	[redacted]		02720M56b	EGWO	49	7669,215312	3862,220661	[redacted]		27	M	M56b	02

0114

9011.509684	3894.803656	[redacted]	03441647e	EGWO	49	10523.586139	2451.654502	[redacted]	5 K	647c	03441647c	EGWO					11,024.607	3,989.588					
7628.26544	4576.440575	[redacted]	03484N70b	EGWO	47	4543.010104	2401.74152	[redacted]	12 N	N70b	03484N70b	EGWO	39	41	2	8	4,694.765	2,722.199	2.65	9.35			
5236.854483	3946.742362	[redacted]	03242K34g	EGWO	49	7082.870308	2522.853794	[redacted]	9 K	534g	03242K34g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55			
6097.204491	4390.682233	[redacted]	03530P82d	EGWO	44	4169.679369	2317.011923	[redacted]	22 F	P82c	03530P82d	EGWO	37	41	4	7	4,694.765	2,299.736	4.75	5.45			
5721.724152	4393.293414	[redacted]	03611F78z	EGWO	35	4446.969697	2975.68003	[redacted]	4 F	F78z	03611F78z	EGWO	34	35	1	1	4,694.765	2,722.199	0.55	1.55			
6829.613095	4963.967532	[redacted]	03654N69a	EGWO	48	4687.822497	2455.36638	[redacted]	17 N	N69a	03654N69a	EGWO	39	43	4	9	4,694.765	2,722.199	4.75	9.35			
4406.514716	2501.896094	[redacted]	03751N68c	EGWO	43	4900.416791	2814.131226	[redacted]	13 N	N68c	03751N68c	EGWO	43	41	2	0	4,694.765	2,722.199	1.55	1.55			
3798.689012	3549.821126	[redacted]	03751N68d	EGWO	39	4660.484513	2977.5199	[redacted]	35 N	N68d	03751N68d	EGWO	39	41	2	0	4,694.765	2,722.199	2.65	1.55			
4454.524803	2659.173802	[redacted]	03794A01g	EGWO		9304.717473		[redacted]	5 A	A01g	03794A01g	EGWO					9,442.146						
4118.086056	3443.923925	[redacted]	03813N63s	EGWO	38	5212.677456	3207.539805	[redacted]	10 N	N63s	03813N63s	EGWO	32	35	3	6	4,694.765	3,567.125	2.65	5.45			
6748.912467	4139.673683	[redacted]	03891J28b	EGWO	49	7350.085341	3390.711551	[redacted]	22 E	28B	03891J28b	EGWO	47	49	2	2	7,859.686	3,567.125	2.65	1.55			
6996.751428	4252.394363	[redacted]	04014N60b	EGWO	46	5083.055882	2764.312452	[redacted]	7 N	N60b	04014N60b	EGWO	40	43	3	6	4,694.765	2,722.199	2.65	5.45			
6582.786839	4134.39769	[redacted]	04048A02b	EGWO	47	8567.539533	4898.228755	[redacted]	11 A	A02b	04048A02b	EGWO	49	49	0	-2	7,859.686	3,989.588	0.55	2.35			
6643.752451	4207.924959	[redacted]	04073N62a	EGWO	34	3395.659722	2037.960674	[redacted]	16 N	N62a	04073N62a	EGWO	32	33	3	2	4,694.765	3,144.662	2.65	1.55			
6481.848688	3580.715079	[redacted]	04081F78b	EGWO	30	4124.466548	2899.80121	[redacted]	27 F	F78b	04081F78b	EGWO	27	31	4	3	4,694.765	2,722.199	4.75	1.55			
4747.831633	3221.279931	[redacted]	04111F77c	EGWO	35	4379.831623	2415.9525	[redacted]	8 F	F77c	04111F77c	EGWO	34	35	2	1	4,694.765	2,722.199	2.65	1.55			
4350.582892	3043.247572	[redacted]	04138K49u	EGWO	49	11811.07448	3076.19436	[redacted]	5 K	649u	04138K49u	EGWO		49			11,024.607						
6764.205816	4108.073186	[redacted]	04189F76a	EGWO	37	4482.184507	2812.518906	[redacted]	26 F	F76a	04189F76a	EGWO	32	36	4	5	4,694.765	2,722.199	4.75	5.45			
4222.222222	2916.147089	[redacted]	04200M55d	EGWO	49	6386.640286	3386.129996	[redacted]	11 M	M55d	04200M55d	EGWO	46	49	3	3	6,277.225	3,144.662	2.65	1.55			
4685.111963	3222.582833	[redacted]	04227E37g	EGWO	49	7676.911223	3707.87	[redacted]	4 E	E37g	04227E37g	EGWO	49	49	0	0	7,859.686	4,834.514	0.55	1.55			
4526.993105	3915.495681	[redacted]	04235N65b	EGWO	31	4926.487652	3361.776465	[redacted]	14 N	N65b	04235N65b	EGWO	26	30	4	5	4,694.765	3,567.125	4.75	5.45			
7017.74601	4193.843062	[redacted]	04243K00c	EGWO	34	7210.80619	4232.72903	[redacted]	3 A	A00c	04243K00c	EGWO	44	47	3	10	7,859.686	3,144.662	2.65	10.13			
7517.211868	3464.115543	[redacted]	04251A00c	EGWO	39	6399.866554	3612.78852	[redacted]	9 A	A00c	04251A00c	EGWO	44	47	3	5	6,277.225	3,144.662	2.65	6.25			
5838.763154	3930.749465	[redacted]	04286K52g	EGWO	49	6352.027902	2521.317996	[redacted]	12 K	K52g	04286K52g	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55			
7031.828568	3792.416177	[redacted]	04316K67g	EGWO	49	7692.326231	4002.41123	[redacted]	2 A	A67g	04316K67g	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55			
5152.55748	3838.758505	[redacted]	04383N70b	EGWO	44	3730	2205.439393	[redacted]	3 N	N70b	04383N70b	EGWO	38	41	3	6	3,112.304	2,299.736	2.65	5.45			
9134.709755	4288.594543	[redacted]	04391A05d	EGWO	49	8288.817903	5133.016004	[redacted]	4 A	A05d	04391A05d	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55			
8732.37971	4733.145637	[redacted]	04405F77f	EGWO	30	4025.938622	2800.251299	[redacted]	33 F	F77f	04405F77f	EGWO	28	31	3	2	4,694.765	2,722.199	2.65	1.55			
9557.958478	4852.020097	[redacted]	04421T94l	EGWO	28	1242.704016	2325.528387	[redacted]	30 T	T94l	04421T94l	EGWO	24	28	4	4	3,112.304	2,299.736	4.75	5.45			
7532.830418	4885.803805	[redacted]	04421T94j	EGWO	20	4302.045203	3731.680675	[redacted]	6 T	T94j	04421T94j	EGWO	26	31	5	6	4,694.765	3,144.662	4.75	6.25			
7023.862431	4375.041648	[redacted]	04529E19s	EGWO		6372.727273	2600.7917	[redacted]	1 E	E19s	04529E19s	EGWO					6,277.225	3,144.662					
4542.997543	3058.57868	[redacted]	04553A04d	EGWO	48	9094.801523	4854.6826	[redacted]	7 A	A04d	04553A04d	EGWO	49	49	0	-1	7,859.686	3,989.588	0.55	2.35			
4153.881455	2704.109221	[redacted]	04561N59	EGWO	35	7177.469331	4636.507786	[redacted]	7 A	N59	04561N59	EGWO	43	45	2	8	7,859.686	3,989.588	2.65	6.25			
4826.481383	3624.889906	[redacted]	04588A05c	EGWO	38	6632.831569	4269.06195	[redacted]	4 A	A05c	04588A05c	EGWO	43	45	2	-5	6,277.225	3,567.125	2.65	6.25			
5678.62745	3917.333732	[redacted]	04596A25c	EGWO	38	7246.480082	4626.35575	[redacted]	8 A	A25c	04596A25c	EGWO	41	42	1	-3	7,859.686	3,989.588	0.55	2.35			
5581.360397	3788.2629	[redacted]	04618A03b	EGWO	35	6843.272827	4442.693703	[redacted]	9 A	A03b	04618A03b	EGWO	45	46	1	10	6,277.225	3,567.125	0.55	10.13			
5976.566806	3864.407862	[redacted]	04626A05b	EGWO	38	7770.324372	4414.302586	[redacted]	7 A	A05b	04626A05b	EGWO	47	48	1	-9	7,859.686	3,567.125	0.55	10.13			
5667.129362	3781.058283	[redacted]	04650A04b	EGWO	36	5362.095332	3252.7613	[redacted]	1 A	A04b	04650A04b	EGWO	45	46	1	-9	4,694.765		0.55	10.13			
5676.334296	3830.406234	[redacted]	04677N60c	EGWO	32	4972.839857	3440.624827	[redacted]	19 N	N60c	04677N60c	EGWO	28	31	3	4	4,694.765	3,567.125	2.65	5.43			
6098.549341	4041.786437	[redacted]	04685A01c	EGWO	33	7074.766355		[redacted]	1 A	A01c	04685A01c	EGWO	42	44	2	-9	6,277.225	2,722.199	2.65	10.15			
6577.435799	4098.049174	[redacted]	04707A09c	EGWO	49	7818.399739	3250.266565	[redacted]	9 A	A09c	04707A09c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55			
6118.530934	3914.874779	[redacted]	04723A62a	EGWO	49	9257.342857	5177.463012	[redacted]	1 A	A62a	04723A62a	EGWO	49	49	0	0	9,442.146	4,412.051	0.55	1.55			
5965.568919	3809.101353	[redacted]	04723A62b	EGWO	49	8106.724061	4643.735467	[redacted]	3 A	A62b	04723A62b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55			
5769.866083	3805.081527	[redacted]	04758N70b	EGWO	40	4676.02657	2818.73623	[redacted]	8 N	N70b	04758N70b	EGWO	39	40	1	1	4,694.765		0.55	1.55			
6746.88687	4240.464216	[redacted]	04774K91c	EGWO	49	5429.426876	2441.135192	[redacted]	16 K	K91c	04774K91c	EGWO	48	48	0	1	4,694.765	2,722.199	0.55	1.55			
6973.757772	4180.970732	[redacted]	04804A00c	EGWO	34	5741.525424	3108.9214	[redacted]	1 A	A00c	04804A00c	EGWO	44	47	3	10	6,277.225	3,144.662	2.65	10.15			
6667.317168	4268.419216	[redacted]	04812N73f	EGWO	36	6176.190476	3323.523	[redacted]	2 N	N73f	04812N73f	EGWO	38	40	2	-2	6,277.225	3,567.125	2.65	2.35			
6962.4555	4154.821735	[redacted]	04812N73g	EGWO	37	6632.804576	4179.360198	[redacted]	7 N	N73g	04812N73g	EGWO	37	41	4	0	6,277.225	3,567.125	4.75	1.55			
7143.528269	4323.529521	[redacted]	04820A06c	EGWO	47	7974.331164	4256.766477	[redacted]	29 A	A06c	04820A06c	EGWO	49	49	0	-2	7,859.686	3,567.125	0.55	2.35			
5919.161447	4251.249611	[redacted]	04829N06c	EGWO	42	7882.059478	5134.220093	[redacted]	10 A	A06c	04829N06c	EGWO	47	48	1	-7	7,859.686	3,567.125	0.55	9.25			
3761.538462	3707.54441	[redacted]	04847N62h	EGWO	43	6854.437153	3886.076201	[redacted]	16 N	N62h	04847N62h	EGWO	34	40	6	-9	6,277.225	3,989.588	6.85	9.35			
4340.248621	3801.753699	[redacted]	04871F78b	EGWO	37	4008.381171	2240.051	[redacted]	20 F	F78b	04871F78b	EGWO	34	38	4	3	4,694.765	2,299.736	4.75	1.55			
4142.589359	2855.111477	[redacted]	04891F81c	EGWO	26	3899.576415	2884.382504	[redacted]	20 F	F81c	04891F81c	EGWO	29	29	0	3	3,112.304	2,722.199	0.55	2.35			
7138.574884	4296.163209	[redacted]	04928K90e	EGWO		1431.555713		[redacted]	6 K	K90e	04928K90e	EGWO					1,529.844						
6471.902934	4033.609339	[redacted]	04936A00c	EGWO	34	7655.629139		[redacted]	1 A	A00c	04936A00c	EGWO	44	47	3	10	7,859.686		2.65	10.13			
7075.548405	4199.36722	[redacted]	04995F76a	EGWO	36	6410.613145	3228.34	[redacted]	3 F	F76a	04995F76a	EGWO	31	36	5	5	4,694.765	3,144.662	4.75	5.45			
6488.888889	3231.728183	[redacted]	05010K90d	EGWO	49	5660.426785	2353.894045	[redacted]	34 K	K90d	05010K90d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55			
7155.693087	4340.770284	[redacted]	05053K90c	EGWO	49	5862.808557	2463.918299	[redacted]	20 K	K90c	05053K90c	EGWO	48	49	1	1	6,277.225	2,722.199	0.55	1.55			
5174.154423	3964.951051	[redacted]	05126A06k	EGWO	43	7467.418221	4286.78495	[redacted]	10 A	A06k	05126A06k	EGWO	49	49	0	6	7,859.686	3,567.125	0.55	6.25			
4829.91828	2608.082887	[redacted]	05177F31c	EGWO	49	6750	3361.39	[redacted]	1 F	F31c	05177F31c	EGWO	48	47	1	-1	6,277.225	3,989.588	1.55	1.55			
5940.327671	4517.499163	[redacted]	05183M33f	EGWO	49	6769.448414	2800.645233	[redacted]	115 M	M33f	05183M33f	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55			
7932.30339	2482.050035	[redacted]	05266E37e	EGWO		6339.285714	2392.64	[redacted]	1 E	E37e	05266E37e	EGWO					6,277.225	3,144.662					
4062.962963	2527.213134	[redacted]	05274F20a	EGWO	46	3624.789831	3238.88489	[redacted]	2 E	E20a	05274F20a	EGWO		49			6,277.225	2,722.199					
3237.283689	3646.551301	[redacted]	05282F83a	EGWO	27	3655.542254	2656.903501	[redacted]	27 F	F83a	05282F83a	EGWO	27	29	2	0	3,112.304	2,722.199	2.65	1.55			
6366.195771	3617.255124	[redacted]	05290N69m	EGWO	41	4755.847225	2499.266892	[redacted]	46 N	N69m	05290N69m	EGWO	31	35	4	10	4,694.765	2,722.199	4.75	9.35			
3823.444949	4133.086934	[redacted]	05320N70a	EGWO	40	4484.444444	2791.101867	[redacted]	6 N	N70a	05320N70a	EGWO	35	35	0	-5	4,694.765	2,722.199	0.55	3.43			
7141.03608	4064.420602	[redacted]	05474K49c	EGWO	49	10220.28283	2399.229232	[redacted]	20 K	K49c	05474K49c	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55			
7585.546575	5077.207527	[redacted]	05401N62b	EGWO	40	6626.085052	3576.526349	[redacted]	4 N	N62b	05401N62b	EGWO	36	38	2	4	6,277.225	3,567.125	2.65	5.45			
4539.261012	2399.681612	[redacted]	05479K49j	EGWO	49	10223.52941	2380.513	[redacted]	1 K	K49j	05479K49j	EGWO	49	49	0	0	9,442.146		0.55	1.55			
4158.279305	3358.258598	[redacted]	05495A04c	EGWO	41	6959.17601	4394.9773	[redacted]	2 A	A04c	05495A04c	EGWO	47	48	1	6	6,277.225	4,412.051	0.55	6.25			
7892.056123	4309.908891	[redacted]	05517N62a	EGWO	34	6032.2535	4044.655761	[redacted]	3 N	N62a	05517N62a	EGWO	32	35	3	2	6,277.225	3,144.662	2.65	1.55			
7577.804608	4542.521735	[redacted]	05525N61c	EGWO	42	6240.9771	3603.004004	[redacted]	20 N	N61c	05525N61c	EGWO	34	35	1	8	6,277.225	3,989.588	0.55	9.35			
7405.784904	4411.73381	[redacted]	05556E20c	EGWO		5882.591093	2382.955	[redacted]	1 E	E20c	05556E20c	EGWO					6,277.225	2,722.199					
11678.67036		[redacted]	05576M56a	EGWO	49	5214.738873	3079.498833	[redacted]	14 M	M56a	05576M56a	EGWO	49	49	0	0	6,277.225	2,722.199	0.33	1.53			
7090.784654		[redacted]	05584F78b	EGWO	30	4351.416665	3028.347856	[redacted]	12 F	F78b	05584F78b	EGWO	29	34	5	1	4,694.765	2,722.199	4.75	1.55			
7114.883087	4239.307258	[redacted]	05703N73h	EGWO	45	8905.882353	3648.86	[redacted]	1 N	N73h	05703N73h	EGWO	43	45	2	2	4,694.765	3,144.662	2.65	1.53			
6859.101917	4204.39602	[redacted]	05778N62a	EGWO	49	8320.742003	4304.034667	[redacted]	9 A	A62a	05778N62a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55			
4142.471538	3034.084528	[redacted]	05789A05b	EGWO	45	7018.463318	3669.135176	[redacted]	9 A	A05b	05789A05b	EGWO	46	47	1	1	6,277.225	3,567.125	0.55	2.35			
6760.189398	4162.00018	[redacted]	05789N25c	EGWO	38	6646.397557	3805.50905	[redacted]	4 A	A25c	05789N25c	EGWO	43	45	2	5	6,277.225	3,567.125	2.65	6.25			
10891.56397	3733.186031	[redacted]	05789N26a	EGWO	40	8348.658411	3953.256797	[redacted]	3 A	A26a	05789N26a	EGWO	47	48	1	7	7,859.686	3,567.125	0.55	6.25			
7935.945178	4953.945178	[redacted]	05909A04b	EGWO	36	5676.419698	3794.875076	[redacted]	7 A	A04b	05909A04b	EGWO	45	46	1	-4	6,277.225	3,144.662	0.55	10.15			
10398.17177	3688.509214	[redacted]	05819N03d	EGWO	40	6926.772137	4523.599161	[redacted]	4 A	A03d	05819N03d	EGWO	46	47	1	6	6,277.225	3,989.588	0.55	6.25			
7009.55211	4024.158264	[redacted]	05827A05c	EGWO	38	7937.464629	4527.7657	[redacted]	2 A	A05c	05827A05c	EGWO	43	45	2	5	7,859.686	4,412.051	2.65	6.25			
5211.309624	3748.321513	[redacted]	05835A05c	EGWO	38	6801.678303		[redacted]	1 A	A05c	05835A05c	EGWO	43	45	2	5	6,277.225	4,412.051	2.65	6.25			
5118.941807	3674.845998	[redacted]	05843A05b	EGWO	40	5653.333333	4217.5057	[redacted]	1 A	A05b	05843A05b	EGWO	46	47	1	6	6,277.225	3,144.662	0.55	6.25			
5880.534808	2747.174913	[redacted]	05878N64a	EGWO	32	5377.318541	3579.959835	[redacted]	57 N	N64a	05878N64a	EGWO	38	39	1	6	4,694.765	3,144.662	0.55	6.25			
9611.380785	4049.198972	[redacted]	05878N64b	EGWO	44	6260.979761	3411.864231	[redacted]	49 N	N64b	05878N64b	EGWO	45	47	2	1	6,277.225	3,144.662	2.65	2.35			
8093.595788	4243.809724	[redacted]	05878N70f	EGWO	46	9151.071442	2766.587166	[redacted]	20 N	N70f	05878N70f	EGWO	43	45	2	5	4,694.765	2,722.199	2.65	5.43			
9112.5	4996.657499	[redacted]	05924N74a	EGWO	44	5481.360042	3007.139415	[redacted]	25 N	N74a	05924N74a	EGWO	42	47	5	2	4,694.765	2,722.199	4.75	1.55			
7369.594555	4443.5237	[redacted]	05996N60b	EGWO	38	5268.016661	3329.734434	[redacted]	18 N	N60b	05996N60b	EGWO	37	39	2	1	4,694.765	3,144.662	2.65	1.53			
7041.433588	4061.058729	[redacted]	05983M54e	EGWO		4440.051048	3794.17	[redacted]	1 M	M54e	05983M54e	EGWO					4,694.765	3,144.662					
5618.577043		[redacted]	06076F98s	EGWO	20	3793.3447	3225.468855	[redacted]	9 T	T98s	06076F98s	EGWO	19	22	3	1	3,112.304	2,722.199	2.65	1.55			
7524.624246	4405.193876	[redacted]	06157F76b	EGWO	31	4108.086086	2673.912717	[redacted]	14 F	F76b	06157F76b	EGWO	27	31	4	4	4,694.765	3,144.662	4.75	5.43			
7063.013551	4452.87633	[redacted]	06157F77a	EGWO	28	5912.59322	3037.960674	[redacted]	4 F	F77a	06157F77a	EGWO	24	30	6	4	6,277.225		6.85	5.45			
4689.391384	3362.318354	[redacted]	06181T58a	EGWO	23	3417.515323	2673.264958	[redacted]	21 T	T58a	06181T58a	EGWO	22	26	4	1	3,112.304	2,722.199	4.75	1.55			
4232.190291	3739.186298	[redacted]	06203T58a	EGWO	25	3870.495881	2816.444633	[redacted]	19 T	T58a	06203T58a	EGWO	22	26	4	3	3,112.304	2,722.199	4.75	1.53			
6956.126192	4119.487617	[redacted]	06300F77a	EGWO	23	3990.736551	3071.517017	[redacted]	22 F	F77a	06300F77a	EGWO	19	25	6	4	4,694.765	3,144.662	6.85	5.45			
4386.046512	3359.975841	[redacted]	06319F77c	EGWO	30	4304.403008	2886.529862	[redacted]	48 F	F77c	06319F77c	EGWO	29	32	3	1	4,694.765	2,722.199	2.65	1.55			
4622.139076	2677.905189	[redacted]	06378F77a	EGWO	31	4373.339121	3009.656569	[redacted]	11 F	F77a	06378F77a	EGWO	23	32	9	8	4,694.765	2,722.199	8.95	9.33			
6715.617778	4133.679943	[redacted]	06386F76a	EGWO	38	4755.339519	2945.8604	[redacted]	102 F	F76a	06386F76a	EGWO	34	38	4	4	4,694.765	3,144.662	4.75	5.45			
4497.371252	2982.166058	[redacted]	06394F85b	EGWO	40	4420.297359	2654.049628	[redacted]	16 F	F85b	06394F85b	EGWO	35	37	2	5	4,694.765	2,722.199	2.65	5.43			
4730.962256	4002.29253	[redacted]	06408F83a	EGWO	27	3825.827854	2795.505263	[redacted]	25 F	F83a	06408F83a	EGWO	28	29	1	1	3,112.304	2,722.199	0.55	2.35			
7282.589092	4318.526661	[redacted]	06483M56c	EGWO	49	7285.622336	2916.331828	[redacted]	4 M	M56c	06483M56c	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55			
4856.930868	3627.392733	[redacted]	06505F81d	EGWO	24	3456.172403	2328.735182	[redacted]	11 F	F81d	06505F81d	EGWO	23	25	2	1	3,112.304	2,722.199	2.65	1.53			
5082.243901	3627.841004	[redacted]	06617N68d	EGWO	38	3941.482114	2690.303125	[redacted]	16 N	N68d	06617N68d	EGWO	34	36	2	4	4,694.765	2,722.199	2.65	5.43			
5495.348433	3247.972433	[redacted]	06653N60c	EGWO	36	5279.000771	3358.239148	[redacted]	8 N	N60c	06653N60c	EGWO	33	34	1	3	4,694.765	3,567.125	0.55	1.55			
3425.721419	2391.515188	[redacted]	06688K90i	EGWO	49	5968.994926	2431.458434	[redacted]	68 K	K90i	06688K90i	EGWO	48	46	2	1	6,277.225	2,722.199	1.55	1.53			
3757.434822	3231.909182	[redacted]	06734N65b	EGWO	33	3358.523837	3588.105293	[redacted]	28 N	N65b	06734N65b	EGWO	28	33	5	5	4,694.765	3,567.125	4.75	5.45			
4574.752667	2952.96681	[redacted]	06742N65b	EGWO	33	5368.663794		[redacted]	7 N	N65b	06742N65b	EGWO	28	32	4	5	4,694.765		4.75	5.45			
6648.148148	2895.175049	[redacted]	06750K59s	EGWO	49	9515.517241	2608.40965	[redacted]	4 K	K59s	06750K59s	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55			
6469.291783	3956.738857	[redacted]	06807M55g	EGWO	49	5730.891348	2390.392236	[redacted]	37 M	M55g	06807M55g	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55			
8961.306909	3738.529063	[redacted]	06813N60b	EGWO	33	4992.344294	3329.758140	[redacted]	23 N	N60b	06813N60b	EGWO	27	32	5	9	4,694.765	3,567.125	4.75	9.43			
8465.583415	4584.052285	[redacted]	07099K49b	EGWO	49	10504.11071	2440.760521	[redacted]	22 K	K49b	07099K49b	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55			
8368.682804	4613.550486	[redacted]	07269N69b	EGWO	48	4776.253562	2474.122883	[redacted]	17 N	N69b	07269N69b	EGWO	39	43	4	9	4,694.765	2,722.199	4.75	9.35			
7846.329341	4582.29279	[redacted]	07404M35b	EGWO	37	5066.954932	3626.136196	[redacted]	13 F	M35b	07404M35b	EGWO	36	39	3	1	4,694.765	3,144.662	2.65	1.53			
7308.703704	3724.052546	[redacted]	07455F85b	EGWO	42	4179.265566	2391.8672	[redacted]	4 F	F85b	07455F85b	EGWO	38	40	2	4	4,694.765	2,722.199	2.65	5.43			
8338.4278	4845.868131	[redacted]	07528A09d	EGWO		9958.333333	4220.3543	[redacted]	1 A	A09d	07528A09d	EGWO					9,442.146						
8602.863334	4733.835118	[redacted]	07544K26b	EGWO		8244.639378		[redacted]	2 K	K26b	07544K26b	EGWO					7,859.686						
8856.25	3139.241513	[redacted]	07617K49b	EGWO	49	10143.76861	2548.86085	[redacted]	10 K	K49b	07617K49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55			
8590.038997	4736.990379	[redacted]	07633F76a	EGWO	36	4510.548523	3317.76	[redacted]	3 F	F76a	07633F76a	EGWO	31	36	5	5	4,694.765	3,567.125	4.75	5.45			
6387.105063		[redacted]	07692M55d	EGWO	49	5566.666667	2308.7739	[redacted]	1 M	M55d	07692M55d	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55			
7770.29738	4461.220163	[redacted]	07706A46b	EGWO	49	8395.251776	2513.53136	[redacted]	5 K	K46b	07706A46b	EGWO		49			7,859.686	3,144.662					
7842.381944	4406.638699	[redacted]	07722F78d	EGWO	36	3722.336926	2138.022263	[redacted]	17 F	F78d	07722F78d	EGWO	33	36	3	3	3,112.304	2,299.736	2.65	1.53			
5963.333333		[redacted]	07730F78d	EGWO	28	4025.116081	2906.630739	[redacted]	44 F	F78d	07730F78d	EGWO	27	30	3	1	4,694.765	2,722.199	2.65	1.55			
6961.378933	4048.870825	[redacted]	07749N66d	EGWO	35	4414.152679	2858.462005	[redacted]	18 N	N66d	07749N66d	EGWO	32	34	2	3	4,694.765	2,722.199	2.65	1.55			
6116.12754	4307.814952	[redacted]	07757K47d	EGWO	49	10451.1313	2979.960396	[redacted]	2 K	K47d	07757K47d	EGWO					11,024.607	3,989.588					
6269.12656	3808.769623	[redacted]

4440,898345	2870,282071	[redacted]	09156M34c	EGWO		8487,221351	3863,415	[redacted]	4	M	M54c	09156M34c	EGWC				7,859.686	3,144.662				
4522,949727	3123,76029	[redacted]	09180K49q	EGWO	49	9138,890615	2515,897455	[redacted]	20	K	k49q	09180K49q	EGWC		49		9,442.146	3,567.125				
5851,777768	4075,836361	[redacted]	09259R63d	EGWO	54	8567,883312	2859,213884	[redacted]	54	N	N63d	09259R63d	EGWC	19	47	8	3	3,112.304	2,722.199	8.95	3.43		
6878,546121	4171,70384	[redacted]	09227F83z	EGWO	36	4107,458913	2608,279387	[redacted]	7	F	f83z	09227F83z	EGWC	32	37	5	4	4,694.765	2,722.199	4.75	5.45		
6772,97621	4153,195469	[redacted]	09245F76z	EGWO	36	4670,886076	3357,194436	[redacted]	3	F	f76z	09245F76z	EGWC	31	35	5	5	4,694.765	3,567.125	4.75	5.45		
4535,285285	3019,607573	[redacted]	09253N68d	EGWO	46	4885,884027	2666,187679	[redacted]	27	N	N68d	09253N68d	EGWC	41	45	4	5	4,694.765	2,722.199	4.75	5.45		
4668,01355	3949,413425	[redacted]	09261K09q	EGWO		8392,857143		[redacted]	2	A	A09q	09261K09q	EGWC					7,859.686					
4571,589741	3120,296541	[redacted]	09318K49c	EGWO	49	1296,74731	3553,820067	[redacted]	3	K	k49c	09318K49c	EGWC					12,607.067					
7924,758322	3904,817159	[redacted]	09377K59s	EGWO	49	13623,37662	4454,746197	[redacted]	1	K	k59s	09377K59s	EGWC	49	49	0	0	11,024.607	5,256.977	0.55	1.55		
8268,222716	4640,027857	[redacted]	09393A01e	EGWO	33	6867,797427	4494,277403	[redacted]	6	A	A01e	09393A01e	EGWC	44	45	1	11	6,777.225	3,989.588	0.55	10.15		
4513,864707	2736,668669	[redacted]	09407P81d	EGWO	23	8512,93423	2933,931377	[redacted]	23	P	P81d	09407P81d	EGWC	23	23	2	0	3,112.304	2,722.199	2.65	1.55		
5560,259018	3961,736674	[redacted]	09423K48c	EGWO		10233,82526	3264,404913	[redacted]	4	K	k48c	09423K48c	EGWC					11,024.607	3,989.588				
5179,535673	3990,28935	[redacted]	09431N60s	EGWO	38	6540,592336	4031,15326	[redacted]	15	N	N60s	09431N60s	EGWC	27	31	4	11	6,777.225	4,412.051	4.75	9.35		
8510,426917	4529,387672	[redacted]	09466N60t	EGWO	37	6509,294122	4119,522967	[redacted]	16	N	N60t	09466N60t	EGWC	31	33	2	6	6,777.225	4,412.051	2.65	3.43		
4199,007945	3047,625232	[redacted]	09474N60s	EGWO	40	6501,060349	3909,489173	[redacted]	10	N	N60s	09474N60s	EGWC	34	36	2	6	6,777.225	4,412.051	2.65	5.45		
4569,337205	3180,113151	[redacted]	09482N60s	EGWO	43	6038,75	3518,903208	[redacted]	8	N	N60s	09482N60s	EGWC	32	39	7	11	6,777.225	3,567.125	6.85	9.35		
10273,86135	3782,497547	[redacted]	09490N60u	EGWO	35	3686,201729	3686,525604	[redacted]	27	N	N60u	09490N60u	EGWC	27	29	2	8	6,777.225	3,989.588	2.65	9.35		
7169,045286	4068,202603	[redacted]	09504N60s	EGWO	27	6282,694598	3937,161992	[redacted]	27	N	N60s	09504N60s	EGWC	30	33	3	7	6,777.225	3,989.588	2.65	5.45		
3910,174881	2923,598255	[redacted]	09512P88h	EGWO	39	3560,606061	4783,41	[redacted]	1	P	P88h	09512P88h	EGWC	33	36	3	6	6,777.225	4,412.051	2.65	5.45		
7067,196145	4238,106149	[redacted]	09563N65a	EGWO	26	3939,92963	2910,235294	[redacted]	17	N	N65a	09563N65a	EGWC	21	28	7	5	4,694.765	2,722.199	6.85	5.45		
4045,045045	2962,415719	[redacted]	09571F76d	EGWO	26	4231,822291	3158,439528	[redacted]	41	F	F76d	09571F76d	EGWC	23	28	5	3	4,694.765	3,144.662	4.75	1.55		
5259,378809	3271,932933	[redacted]	09601P82d	EGWO	27	4181,739969	2383,729785	[redacted]	23	P	P82d	09601P82d	EGWC	30	33	3	7	4,694.765	2,722.199	2.65	5.45		
9951,729323	3869,658221	[redacted]	09644K48f	EGWO	49	8519,124395	2627,646	[redacted]	4	K	k48f	09644K48f	EGWC		49			7,859.686	3,567.125				
5776,875185	3698,396183	[redacted]	09717N73g	EGWO	32	6100,771381	4216,443945	[redacted]	25	N	N73g	09717N73g	EGWC	34	36	2	2	6,777.225	3,989.588	2.65	2.35		
6882,515463	4052,412313	[redacted]	09776N73f	EGWO	34	6303,369801	4023,869429	[redacted]	64	N	N73f	09776N73f	EGWC	37	39	2	3	6,777.225	3,567.125	2.65	2.33		
3909,849569	2783,722439	[redacted]	09911F82d	EGWO	43	3991,991602	2274,825909	[redacted]	13	F	f82d	09911F82d	EGWC	34	37	3	9	4,694.765	2,299.736	2.65	9.35		
3857,350154	3511,828264	[redacted]	09938F78a	EGWO	34	4150,27205	2726,080389	[redacted]	9	F	f78a	09938F78a	EGWC	34	35	1	0	4,694.765	2,722.199	0.55	1.55		
4063,333473	2911,466681	[redacted]	09938F78c	EGWO	41	7534,090909		[redacted]	1	F	f78c	09938F78c	EGWC	36	43	7	3	7,859.686		6.85	3.43		
11748,67464		[redacted]	10189N06a	EGWO	40	9582,195122	5574,522902	[redacted]	2	A	A06a	10189N06a	EGWC	47	48	1	7	9,442.146	4,814.514	0.55	6.25		
12176,2326	4133,202748	[redacted]	10219N65c	EGWO	30	4460,908291	3135,973661	[redacted]	19	N	N65c	10219N65c	EGWC	25	31	6	5	4,694.765	3,144.662	6.85	3.43		
7216,570173	4034,04658	[redacted]	10308F78b	EGWO	37	4168,112442	2550,039149	[redacted]	31	F	f78b	10308F78b	EGWC	34	37	3	3	4,694.765	2,722.199	2.65	1.55		
10401,37769		[redacted]	10340N60h	EGWO	41	5406,613865	3186,564097	[redacted]	26	N	N60h	10340N60h	EGWC	35	41	3	3	4,694.765	3,144.662	2.65	1.55		
9634,320911		[redacted]	10359N60b	EGWO	42	4662,251656	2894,51	[redacted]	1	N	N60b	10359N60b	EGWC	38	41	3	4	4,694.765		2.65	3.43		
6948,791713	3966,373423	[redacted]	10367N68c	EGWO	48	4600,340031	3409,824625	[redacted]	7	N	N68c	10367N68c	EGWC	46	43	3	2	4,694.765	2,722.199	3.65	1.55		
5581,213213	3827,367943	[redacted]	10375N63a	EGWO	37	3079,487179	1220,339601	[redacted]	12	N	N63a	10375N63a	EGWC	31	33	2	6	4,694.765	3,567.125	2.65	5.45		
5006,588669	3176,835317	[redacted]	10472N73d	EGWO	40	6821,712044	3994,759083	[redacted]	135	N	N73d	10472N73d	EGWC	40	43	3	0	6,777.225	3,989.588	2.65	1.55		
5516,528926	2603,93547	[redacted]	10480N73d	EGWO	40	5922,48062	3059,57	[redacted]	1	N	N73d	10480N73d	EGWC	40	43	3	0	6,777.225	3,144.662	2.65	1.55		
6702,271246	3935,242076	[redacted]	10480N73f	EGWO	36	5904,692791	2472,74825	[redacted]	3	N	N73f	10480N73f	EGWC	38	40	2	2	6,777.225	3,144.662	2.65	2.35		
6513,300213	3894,299927	[redacted]	10537P77f	EGWO	28	4134,691007	3161,122764	[redacted]	14	F	f77f	10537P77f	EGWC	24	28	4	4	4,694.765	3,144.662	4.75	5.43		
6181,924866	3944,782336	[redacted]	10553N62h	EGWO	40	6162,078787	3721,646924	[redacted]	4	N	N62h	10553N62h	EGWC	36	38	2	4	6,777.225	3,989.588	2.65	5.45		
7669,215312	3660,583802	[redacted]	10561N62b	EGWO	40	6755,902056	3929,807649	[redacted]	17	N	N62b	10561N62b	EGWC	33	36	3	7	6,777.225	3,989.588	2.65	5.45		
6607,213472	3912,501499	[redacted]	10596F81e	EGWO	27	3939,357215	2880,950092	[redacted]	27	F	f81e	10596F81e	EGWC	27	30	3	0	4,694.765	2,722.199	2.65	1.55		
8108,847788	4081,973965	[redacted]	10613P78b	EGWO	27	4030,434851	2661,142034	[redacted]	10	P	P78b	10613P78b	EGWC	25	29	4	2	4,694.765	2,722.199	4.75	1.55		
4110,305995	3844,78214	[redacted]	10626F77a	EGWO	29	4473,113376	3185,888585	[redacted]	11	F	f77a	10626F77a	EGWC	24	32	8	5	4,694.765	3,144.662	8.95	5.43		
6910,839846	3083,644383	[redacted]	10677N65s	EGWO	29	3946,826491	2795,361233	[redacted]	15	N	N65s	10677N65s	EGWC	23	31	8	6	4,694.765	2,722.199	8.95	5.43		
5177,203183	3653,038182	[redacted]	10685A06c	EGWO	45	8288,549863	4600,779011	[redacted]	19	A	A06c	10685A06c	EGWC	49	49	0	4	7,859.686	3,989.588	0.55	2.35		
5358,226804	2637,458399	[redacted]	10685A06l	EGWO	44	7915,877383	4337,674181	[redacted]	9	A	A06l	10685A06l	EGWC	49	49	0	5	7,859.686	3,567.125	0.55	6.25		
6013,403361	3848,058534	[redacted]	10693N06l	EGWO	43	7429,605394	4240,131958	[redacted]	17	A	A06l	10693N06l	EGWC	49	49	0	6	7,859.686	3,567.125	0.55	6.25		
4693,604394	3517,55632	[redacted]	10790M28c	EGWO	46	6789,45121	3370,5016	[redacted]	3	M	M28c	10790M28c	EGWC	49	49	0	0	6,777.225	3,567.125				
5864,443636	4142,063429	[redacted]	10847N61b	EGWO	46	4721,401037	2189	[redacted]	1	N	N61b	10847N61b	EGWC	40	43	3	6	4,694.765	2,722.199	2.65	5.45		
5472,763085	3712,904473	[redacted]	10850A06g	EGWO	47	7221,943282	3827,495258	[redacted]	7	A	A06g	10850A06g	EGWC	49	49	0	2	7,859.686	3,567.125	0.55	2.35		
4519,707207	3091,640643	[redacted]	10863A06g	EGWO	42	7933,935631	4280,553444	[redacted]	12	A	A06g	10863A06g	EGWC	49	49	0	7	7,859.686	3,567.125	0.55	6.25		
4757,274604	3990,55729	[redacted]	10934F89c	EGWO	43	4595,159625	2346,886779	[redacted]	43	F	f89c	10934F89c	EGWC	38	41	3	5	4,694.765	2,722.199	2.65	5.45		
4430,965583	2997,401757	[redacted]	10987N69m	EGWO	32	3580,24835	2413,907947	[redacted]	37	N	N69m	10987N69m	EGWC	22	27	5	10	3,112.304	2,722.199	4.75	9.35		
4408,903891	2840,17324	[redacted]	11002F85b	EGWO	40	4447,610153	2671,613051	[redacted]	16	F	f85b	11002F85b	EGWC	37	37	0	3	4,694.765	2,722.199	0.33	1.55		
4181,240188	2943,505163	[redacted]	11002P89c	EGWO	42	4646,686224	2218,775419	[redacted]	15	P	P89c	11002P89c	EGWC	37	41	4	5	4,694.765	2,722.199	4.75	5.45		
3810,218978	3207,754623	[redacted]	11037K46c	EGWO	33	10021,73913	2955,7591	[redacted]	1	K	k46c	11037K46c	EGWC					9,442.146					
6748,809036	4013,205647	[redacted]	11045K46a	EGWO	49	11283,66762	2355,8486	[redacted]	1	K	k46a	11045K46a	EGWC					11,024.607					
6244,99828	3791,503976	[redacted]	11045K47d	EGWO	49	10394,81293	3900,555897	[redacted]	2	K	k47d	11045K47d	EGWC					11,024.607	3,989.588				
5532,187794	4024,503895	[redacted]	11118N30b	EGWO	30	6521,934858	4863,8129	[redacted]	2	A	A03b	11118N30b	EGWC	39	41	2	9	6,777.225	3,989.588	2.65	10.15		
5803,371926	3928,300655	[redacted]	11177N62a	EGWO	38	4820,379676	2969,898336	[redacted]	9	N	N62a	11177N62a	EGWC	33	36	3	5	4,694.765	3,144.662	2.65	5.45		
4819,884795	3680,133139	[redacted]	11185N62s	EGWO	37	5180,144338	3203,022883	[redacted]	16	N	N62s	11185N62s	EGWC	31	35	4	6	4,694.765	3,144.662	4.75	5.45		
5308,089283	3430,824038	[redacted]	11339M83c	EGWO	49	6151,060539	2521,666838	[redacted]	64	M	M83c	11339M83c	EGWC	49	49	0	0	6,777.225	3,144.662	0.33	1.55		
4451,767399	3639,10757	[redacted]	11363N67a	EGWO	37	4944,372959	3117,086537	[redacted]	7	N	N67a	11363N67a	EGWC	35	36	1	2	4,694.765	3,144.662	0.55	1.55		
6825,280405	3978,957232	[redacted]	11401F85b	EGWO	43	4878,086845	2759,357474	[redacted]	14	F	f85b	11401F85b	EGWC	37	41	4	6	4,694.765	2,722.199	4.75	5.45		
9431,13812	2283,817534	[redacted]	11428U39q	EGWO	49	9210,722477	2412,49238	[redacted]	8	K	k39q	11428K39q	EGWC	49	49	0	0	9,442.146	3,567.125	0.33	1.33		
4401,179487	3416,227978	[redacted]	11447M55g	EGWO	49	5587,062837	2818,99585	[redacted]	2	M	M55g	11447M55g	EGWC	47	49	2	2	6,777.225	3,144.662	2.65	1.55		
5533,179256	3171,134319	[redacted]	11487M55g	EGWO	46	6163,944656	3414,648258	[redacted]	71	M	M55g	11487M55g	EGWC	45	47	2	1	6,777.225	3,144.662	2.65	1.55		
4426,516847	3344,404831	[redacted]	11495A07g	EGWO	49	7911,761869	3986,00493	[redacted]	2	A	A07g	11495A07g	EGWC	49	49	0	0	7,859.686	3,567.125	0.33	1.55		
6980,599647	4076,357797	[redacted]	11495A07h	EGWO	49	7197,530864	3644,9221	[redacted]	1	A	A07h	11495A07h	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55		
5664,652406	3805,082637	[redacted]	11576N61b	EGWO	46	5950	2863,530652	[redacted]	1	N	N61b	11576N61b	EGWC	40	43	3	6	6,777.225	3,144.662	2.65	5.45		
5667,143928	3697,063081	[redacted]	11622M55h	EGWO	49	7524,368761	3164,111406	[redacted]	13	M	M55h	11622M55h	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55		
5088,167032	3663,592576	[redacted]	11649M55h	EGWO	49	8154,139434	3553,799966	[redacted]	18	M	M55h	11649M55h	EGWC		49			7,859.686	3,567.125				
4695,241122	2828,891607	[redacted]	11672M56c	EGWO	49	9397,087379	2777,07229	[redacted]	1	M	M56c	11672M56c	EGWC	49	49	0	0	6,777.225	3,144.662	0.33	1.33		
4897,021815	3722,590135	[redacted]	11711M55h	EGWO	49	8199,019608	3562,000084	[redacted]	10	M	M55h	11711M55h	EGWC		49			7,859.686	3,567.125				
8056	3344,680225	[redacted]	11797N60c	EGWO	38	5069,354278	3131,739137	[redacted]	34	N	N60c	11797N60c	EGWC	33	37	4	5	4,694.765	3,144.662	4.75	5.45		
7784,732887	4638,554044	[redacted]	11800N69s	EGWO	44	4309,327823	2407,009165	[redacted]	9	N	N69s	11800N69s	EGWC	39	40	1	5	4,694.765	2,722.199	0.55	5.43		
6418,633775	4140,567712	[redacted]	11843N70b	EGWO	49	4590,6298	2351,011707	[redacted]	21	N	N70b	11843N70b	EGWC	39	43	4	10	4,694.765	2,722.199	4.75	9.35		
6057,324841		[redacted]	11886F81c	EGWO	27	3654,826468	2653,215714	[redacted]	21	F	f81c	11886F81c	EGWC	29	29	0	2	3,112.304	2,722.199	0.55	2.35		
6474,747813	4037,610065	[redacted]	11894N27c	EGWO	49	8648,377889	4204,837587	[redacted]	3	A	A27c	11894N27c	EGWC	49	49	0	0	7,859.686	3,989.588	0.55	1.55		
6662,432837	4134,911475	[redacted]	11905M67c	EGWO	36	4361,640714	3986,393494	[redacted]	40	M	M67c	11905M67c	EGWC	35	38	3	4	4,694.765	2,777.194	3.65	1.55		
6891,846013	4146,93423	[redacted]	11957F76d	EGWO	39	4325,710802	2639,19912	[redacted]	16	F	f76d	11957F76d	EGWC	32	37	5	7	4,694.765	2,722.199	4.75	5.43		
9786,096636	3545,080598	[redacted]	12017K24c	EGWO	47	6442,996743	3314,839158	[redacted]	1	K	k24c	12017K24c	EGWC					6,777.225					
7881,690157	4208,809875	[redacted]	12041M56c	EGWO	49	7624,365482	3974,479775	[redacted]	1	M	M56c	12041M56c	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55		
9648,139614	3737,444858	[redacted]	12068F81e	EGWO	25	3922,233194	2917,764917	[redacted]	20	F	f81e	12068F81e	EGWC	26	29	3	1	4,694.765	2,722.199	2.65	2.35		
6992,392063	3934,588048	[redacted]	12092F78d	EGWO	30	4133,792675	2907,374502	[redacted]	47	F	f78d	12092F78d	EGWC	27	31	4	3	4,694.765	2,722.199	4.75	1.55		
4150,15712	3316,127058	[redacted]	12114N27g	EGWO	49	8529,507499	3911,284324	[redacted]	10	A	A27g	12114N27g	EGWC	49	49	0	0	7,859.686	3,567.125	0.33	1.53		
3611,958998	3309,430249	[redacted]	12114N27h	EGWO	49	7810,453216	3500,480499	[redacted]	2	A	A27h	12114N27h	EGWC	49	49	0	0	7,859.686		0.33	1.53		
4031,346175	3279,10885	[redacted]	12122E21b	EGWO	49	7087,5	3738,9579	[redacted]	1	E	E21b	12122E21b	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55		
6028,21131	4023,92368	[redacted]	12149N70b	EGWO	48	4741,109308	2459,613452	[redacted]	16	N	N70b	12149N70b	EGWC	37	42	5	11	4,694.765	2,722.199	4.75	9.35		
6964,264624	4304,025277	[redacted]	12203F76a	EGWO	35	4572,176286	2041,447516	[redacted]	23	F	f76a	12203F76a	EGWC	29	34	5	6	4,694.765	3,144.662	4.75	5.45		
5264,243388	3968,15332	[redacted]	12262F81c	EGWO	33	4339,779987	2747,197533	[redacted]	24	F	f81c	12262F81c	EGWC	33	35	2	0	4,694.765	2,722.199	2.65	1.55		
7310,21159	4468,576952	[redacted]	12343K47a	EGWO	49	10636,10554	2846,508672	[redacted]	2	K	k47a	12343K47a	EGWC					11,024.607	3,989.588				
4241,03321	3768,861111	[redacted]	12386N25d	EGWO	49	7363,150593	4700,171224	[redacted]	3	A	A25d	12386N25d	EGWC	49	49	0	0	7,859.686	3,989.588	0.55	1.55		
6448,039115	4188,691273	[redacted]	12394N73h	EGWO	45	7368,852459	4249,75466	[redacted]	1	N	N73h	12394N73h	EGWC	43	45	2	2	7,859.686	3,989.588	2.65	1.55		
4421,219778	2597,065506	[redacted]	12408M56c	EGWO	49	7598,472866	2923,11644	[redacted]	34	M	M56c	12408M56c	EGWC	49	49	0	0	7,859.686	3,144.662	0.33	1.53		
6778,504975	4260,669398	[redacted]	12416N70b	EGWO	49	4675,398732	2398,639898	[redacted]	9	N	N70b	12416N70b	EGWC	39	42	3	10	4,694.765	2,722.199	2.65	9.35		
8409,448819	3958,276071	[redacted]	12424M56c	EGWO	49	6790,482781	2608,904947	[redacted]	6	M	M56c	12424M56c	EGWC	49	49	0	0	6,777.225	3,144.662	0.55	1.55		
8440,604155	4377,644541	[redacted]	12440N68d	EGWO	38	3857,03429	2732,64	[redacted]	18	N	N68d	12440N68d	EGWC	34	36	2	4	3,112.304	2,722.199	2.65	5.43		
3788,48828	2761,404997	[redacted]	12475A02c	EGWO	49	7540,669856	3818,6632	[redacted]	1	A	A02c	12475A02c	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55		
3805,113355	2582,479859	[redacted]	12491A01g	EGWO		7169,014085	4654,512133	[redacted]	1	A	A01g	12491A01g	EGWC					7,859.686	3,567.125				
6946,454134	4225,160278	[redacted]	12513F81b	EGWO	33	3995,855203	2460,788216	[redacted]	13	F	f81b	12513F81b	EGWC	33	33	0	0	4,694.765	2,722.199	0.55	1.55		
4505,722446	2630,370744	[redacted]	12521F77f	EGWO	28	4202,522862	3089,227358	[redacted]	37	F	f77f	12521F77f	EGWC	24	28	4	4	4,694.765	3,144.662	4.75	5.45		
4867,962406	3609,502573	[redacted]	12580K00b	EGWO	32	6611,10782	4442,012406	[redacted]	12	K	k00b	12580K00b	EGWC	42	44	2	10	6,777.225	3,567.125	2.65	10.13		
9867,628189	3802,374766	[redacted]	12580K00c	EGWO	34	6633,333333	4782,7482	[redacted]	1	K	k00c	12580K00c	EGWC	44	47	3	10	6,777.225	3,989.588	2.65	10.15		
8431,685991	4242,315668	[redacted]	12580K04d	EGWO	43	7634,49263	4309,126796	[redacted]	6	A	A04d	12580K04d	EGWC	49	49	0	6	7,859.686	3,989.588	0.55	6.25		
10523,58639	3848,572203	[redacted]	12629K44d	EGWO	49	7309,081446	3683,656273	[redacted]	6	K	k44d	12629K44d	EGWC	47	48	1	2	7,859.686	3,567.125	0.33	1.53		
8191,1023	4224,46468	[redacted]	12645K90c	EGWO	49	8081,710074	2379,819525	[redacted]	8	K	k90c	12645K90c	EGWC	48	48	0	1	7,859.686	2,722.199	0.55	1.55		
6961,77352	4123,411908	[redacted]	12750K24d	EGWO		6882,352941	3986,5188	[redacted]	1	K	k24d	12750K24d	EGWC					6,777.225	3,567.125				
6548,962845	4185,22318	[redacted]	12750K24c	EGWO	48	7209,093422	4024,32065	[redacted]	3	K	k24c	12750K24c	EGWC	49	49	0	1	7,859.686	3,567.125	0.55	2.35		
4543,030104	2677,556247	[redacted]	12831K49b	EGWO	49	8922,651071	3418,583952	[redacted]	21	K	k49b	12831K49b	EGWC	49	49	0	0	9,442.146	3,144.662	0.55	1.55		
6846,328187	4491,810794	[redacted]	12831K49d	EGWO	49	9095,810092	2416,177886	[redacted]	7	K	k49d	12831K49d	EGWC	49	49	0	0	9,442.146	3,144.662	0.33	1.33		
7082,502308	3334,807106	[redacted]	12831K49c	EGWO	49	8652,146955	2408,609429	[redacted]	7	K	k49c	12831K49c	EGWC	49	49	0	0	9,442.146	3,144.662	0.55	1.55		
4168,678369	2490,682968	[redacted]	12939A06l	EGWO	45	7644,883833	4381,754858	[redacted]	4	A	A06l	12939A06l	EGWC	49	49	0	4	7,859.686	3,989.588	0.55	2.35		
6509,044619	4241,809734	[redacted]	12953M27b	EGWO	49	9890,417491	3579,185723	[redacted]	8	M	M27b	12953M27b	EGWC	48	49	1	1	6,777.225	3,567.125	0.33	1.33		
7665,755277	4225,313839	[redacted]	12999E16c	EGWO		8264,530075		[redacted]	10	E	E16c	12999E16c	EGWC					7,859.686					
4446,969697	2879,926043	[redacted]	13005M55h	EGWO	49	6803,278689	3036,38485	[redacted]	1	M	M55h	13005M55h	EGWC		49			6,777.225	3,567.125				
4687,822497	2982,745737	[redacted]	13048F78b	EGWO	34	4043,894245	2673,162328	[redacted]	19	F	f78b	13048F78b	EGWC	29	34	5	3	4,694.765	2,722.199	4.75	5.43		
6267,778046	3968,81838	[redacted]	13056N63a	EGWO	39	5346,644189	3277,262469	[redacted]	24	N	N63a	13056N63a	EGWC	32	35	3	7	4,694.765	3,567.125	2.65	5.45		
5508,258806	4117,397404	[redacted]	13064N68f	EGWO	43	4894,234967	2748,219363	[redacted]	19	N	N68f	13064N68f	EGWC	40	43	3	3	4,694.765	2,722.199	2.65	1.55		
4757,181803	3615,329355	[redacted]	13110F83a	EGWO	28	3940,103416	2840,580486	[redacted]	27	F	f83a	13110F83a	EGWC	28	30	2	0	4,694.765	2,722.199	2.65	1.55		
5166,108631	3795,986184	[redacted]	13117K90d	EGWO	49	5687,365143	3587,984827	[redacted]	6	K	k90d	13117K90d	EGWC	48	49	1	1	6,777.225	2,722.199	0.55	1.55		
4903,419791	2852,683683	[redacted]	13161N63c	EGWO	28	3861,773916	3176,114543	[redacted]	33	N	N63c	13161N63c	EGWC	23	28	3	3	3,112.304	3,144.662	2.65	1.33		
4094,854678	3585,303862	[redacted]	13196A06a	EGWO	41	7388,341844	4292,339957	[redacted]	10	A	A06a	13196A06a	EGWC	47	48	1	6	7,859.686	3,989.588	0.55	6.25		
4660,484113	2661,753906	[redacted]	13218A01b	EGWO	24	6464,285714	4851,8093	[redacted]	1	A	A01b	13218A01b	EGWC	38	43	5	14	6,777.225	3,989.588	4.75	14.05		
7440,369937	4113,264541	[redacted]	13226K24c	EGWO	46	8522,06007	4120,133149	[redacted]	3	K	k24c	13226K24c	EGWC	49	49	0	3	7,859.686	3,989.588	0.55	2.35		
7186,775939	4035,97939	[redacted]	13226K24c	EGWO

0114

6725.093959	4203.421313	[redacted]	14583F7FF	EGWO	38	4961.137993	1482.095462	[redacted]	26	F	77FF	14583F77F	EGWG	34	38	4	4	4,694.765	2,722.199	4.75	5.45
4379.831623	2655.702616	[redacted]	14591F81c	EGWO	25	3778.425946	1842.222129	[redacted]	21	F	881c	14591F81c	EGWG	27	27	0	-2	3,112.304	2,722.199	0.55	2.35
3535.312396	2267.949496	[redacted]	14b487KKB	EGWO	35	4329.148163	2350.924817	[redacted]	5	N	NKKB	14b487KKB	EGWG	32	34	2	-3	4,694.765	2,722.199	2.65	3.45
1181.107448	784.2476	[redacted]	14616AO0a	EGWO	22	1795.454545	437.5.1843	[redacted]	1	A	AO0a	14616AO0a	EGWG	43	45	2	11	6,277.225	3,567.125	2.65	10.15
7775.564874	4139.754912	[redacted]	14680AO1b	EGWO	24	7216.666667	[redacted]	[redacted]	1	A	AO1b	14680AO1b	EGWG	38	43	5	14	7,839.686	4,412.051	4.75	14.05
7033.379657	4177.238289	[redacted]	14729N60c	EGWO	37	4741.697162	1743.608314	[redacted]	12	N	N60c	14729N60c	EGWG	38	36	-2	-1	4,694.765	2,722.199	1.55	2.35
7021.172839	4247.282542	[redacted]	14745M56c	EGWO	49	7535.413071	3197.897912	[redacted]	1	M	M56c	14745M56c	EGWG	49	49	0	0	7,839.686	3,567.125	0.55	1.55
6898.287015	4163.173752	[redacted]	14818K24a	EGWO	45	6543.18832	3600.564196	[redacted]	9	K	K24a	14818K24a	EGWG	49	49	0	-4	6,277.225	3,144.662	0.55	2.35
5765.475812	4067.842765	[redacted]	14826K24a	EGWO	46	6491.248882	3621.170667	[redacted]	4	K	K24a	14826K24a	EGWG	49	49	0	-3	6,277.225	3,144.662	0.55	2.35
4482.154507	2873.314347	[redacted]	14834F85b	EGWO	42	4781.907254	2787.640846	[redacted]	40	F	985b	14834F85b	EGWG	39	40	1	3	4,694.765	2,722.199	0.55	1.55
7076.928077	4084.195104	[redacted]	14842B10d	EGWO	[redacted]	8361.703535	[redacted]	[redacted]	2	B	B10d	14842B10d	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	7,839.686	[redacted]	[redacted]	[redacted]
6386.640286	3773.73954	[redacted]	14850F78b	EGWO	28	4299.4452	3079.792891	[redacted]	26	F	78b	14850F78b	EGWG	26	31	5	2	4,694.765	3,144.662	4.75	1.55
6753.788506	4110.61926	[redacted]	14877F76a	EGWO	38	4459.240473	2738.795281	[redacted]	21	F	F76a	14877F76a	EGWG	34	37	3	4	4,694.765	2,722.199	2.65	5.45
6956.063412	4256.02567	[redacted]	14915F76d	EGWO	37	4332.211592	2726.499169	[redacted]	7	F	F76d	14915F76d	EGWG	30	33	3	7	4,694.765	2,722.199	4.75	3.45
7676.911223	4703.317529	[redacted]	14931F76a	EGWO	36	4849.181329	3481.19	[redacted]	3	F	F76a	14931F76a	EGWG	31	36	5	5	4,694.765	3,144.662	4.75	5.45
6406.632836	4138.906663	[redacted]	14982F89c	EGWO	48	4451.218638	2320.591639	[redacted]	9	F	89c	14982F89c	EGWG	41	42	1	7	4,694.765	2,722.199	0.55	5.45
6432.794359	3945.836648	[redacted]	14990A08d	EGWO	42	5822.181641	3568.235925	[redacted]	5	A	A08d	14990A08d	EGWG	49	49	0	-7	6,277.225	2,722.199	0.55	6.23
4926.487652	3458.085727	[redacted]	15009K59b	EGWO	49	9834.681589	2704.847048	[redacted]	56	K	K59b	15009K59b	EGWG	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7210.30019	3172.42893	[redacted]	15113N62b	EGWO	42	6950.554099	3972.999886	[redacted]	31	N	N62b	15113N62b	EGWG	40	42	2	2	6,277.225	3,989.588	2.65	1.55
6455.26483	4216.54755	[redacted]	15172F77f	EGWO	38	4462.325798	2352.739103	[redacted]	12	F	77f	15172F77f	EGWG	34	38	4	4	4,694.765	2,722.199	4.75	5.45
6199.866154	3795.900278	[redacted]	15180A02a	EGWO	49	7959.216521	3783.648054	[redacted]	25	A	A02a	15180A02a	EGWG	49	49	0	0	7,839.686	3,567.125	0.55	1.55
6451.73218	4189.76934	[redacted]	15180A02b	EGWO	49	7434.453466	3671.249889	[redacted]	13	A	A02b	15180A02b	EGWG	49	49	0	0	7,839.686	3,567.125	0.33	1.33
6352.022902	3163.762201	[redacted]	15180A02c	EGWO	49	8788.292091	4001.708848	[redacted]	38	A	A02c	15180A02c	EGWG	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7692.156863	4359.179523	[redacted]	15180A02d	EGWO	49	8771.173919	3952.598666	[redacted]	4	A	A02d	15180A02d	EGWG	49	49	0	0	9,442.146	4,412.051	0.55	1.55
6833.496976	4236.574908	[redacted]	15180A03b	EGWO	[redacted]	7972.727273	3389.6323	[redacted]	1	A	A03b	15180A03b	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	7,839.686	[redacted]	[redacted]	[redacted]
7591.829181	4482.888908	[redacted]	15180A03c	EGWO	49	7740.717639	3198.2422	[redacted]	2	A	A03c	15180A03c	EGWG	49	49	0	0	7,839.686	[redacted]	0.55	1.55
7277.2327	4244.803272	[redacted]	15180A03d	EGWO	49	8835.318025	3496.180204	[redacted]	2	A	A03d	15180A03d	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
7073.956087	4330.73498	[redacted]	15180A03e	EGWO	[redacted]	7733.067409	3453.9687	[redacted]	3	A	A03e	15180A03e	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	7,839.686	3,567.125	[redacted]	[redacted]
7692.526231	3557.176233	[redacted]	15180A03g	EGWO	49	8067.998212	3541.650667	[redacted]	6	A	A03g	15180A03g	EGWG	49	49	0	0	7,839.686	3,989.588	0.55	1.55
7147.261454	4580.122803	[redacted]	15199M05b	EGWO	40	7145.9157	3768.0014G9	[redacted]	5	A	A05b	15199M05b	EGWG	46	47	1	6	7,839.686	3,567.125	0.33	6.23
5605.570232	4133.947645	[redacted]	15202A02a	EGWO	49	7539.370079	[redacted]	[redacted]	1	A	A02a	15202A02a	EGWG	49	49	0	0	7,839.686	[redacted]	0.55	1.55
3730	2348.847656	[redacted]	15202A02b	EGWO	49	7816.129032	4172.805	[redacted]	1	A	A02b	15202A02b	EGWG	49	49	0	0	7,839.686	3,567.125	0.55	1.55
5269.415236	4238.130202	[redacted]	15245F77a	EGWO	30	4191.453676	2967.307801	[redacted]	9	F	F77a	15245F77a	EGWG	27	31	4	3	4,694.765	2,722.199	4.75	1.33
8088.837903	4223.794835	[redacted]	15253K49a	EGWO	49	11033.85022	3596.492401	[redacted]	15	K	K49a	15253K49a	EGWG	49	49	0	0	11,024.607	3,989.588	0.55	1.55
6982.850215	4383.392543	[redacted]	15261A49g	EGWO	49	11679.41484	3028.505827	[redacted]	20	K	K49g	15261A49g	EGWG	49	[redacted]	[redacted]	[redacted]	11,024.607	4,412.051	[redacted]	[redacted]
4023.938622	2772.810518	[redacted]	15282BF77a	EGWO	30	4323.237996	3046.484539	[redacted]	13	F	F77a	15282BF77a	EGWG	25	31	6	5	4,694.765	3,144.662	6.83	3.43
6977.731206	4029.460152	[redacted]	15474K91c	EGWO	49	5457.304276	2382.611541	[redacted]	27	K	K91c	15474K91c	EGWG	49	49	0	0	4,694.765	2,722.199	0.55	1.55
3454.18696	3240.573251	[redacted]	15482N68c	EGWO	38	4272.139796	2625.969173	[redacted]	16	N	N68c	15482N68c	EGWG	35	37	2	3	4,694.765	2,722.199	2.65	1.55
3654.703927	3219.451464	[redacted]	15490N68c	EGWO	40	4141.472358	2494.812679	[redacted]	56	N	N68c	15490N68c	EGWG	36	37	1	4	4,694.765	2,722.199	0.55	5.43
3431.174481	3170.880005	[redacted]	15490N68f	EGWO	46	4561.44454	2459.416113	[redacted]	18	N	N68f	15490N68f	EGWG	39	42	3	7	4,694.765	2,722.199	2.65	5.45
3242.704016	2350.719526	[redacted]	15539F87b	EGWO	[redacted]	6778.151673	[redacted]	[redacted]	16	F	87b	15539F87b	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	6,277.225	[redacted]	[redacted]	[redacted]
4302.045103	2949.146038	[redacted]	15555F81a	EGWO	28	4109.52381	3490.77	[redacted]	1	F	81a	15555F81a	EGWG	28	31	3	0	4,694.765	2,722.199	2.65	1.55
2911.34894	3692.569907	[redacted]	15555F81d	EGWO	29	4752.287371	1369.681404	[redacted]	23	F	81d	15555F81d	EGWG	32	35	3	3	4,694.765	3,144.662	2.65	2.35
7329.342028	4272.719624	[redacted]	15555F81e	EGWO	23	9054.809432	3884.08114	[redacted]	12	F	81e	15555F81e	EGWG	30	34	4	-7	4,694.765	3,144.662	4.75	6.23
7532.415406	4233.835524	[redacted]	15563F81c	EGWO	39	4586.169068	2466.270222	[redacted]	24	F	81c	15563F81c	EGWG	34	40	6	5	4,694.765	2,722.199	6.83	5.43
7179.481437	4317.839521	[redacted]	15571N63a	EGWO	38	5470.303688	3391.301631	[redacted]	21	N	N63a	15571N63a	EGWG	31	34	3	-7	4,694.765	3,567.125	2.65	5.45
7669.67975	4451.328145	[redacted]	15598N63a	EGWO	39	5377.628552	3263.526176	[redacted]	40	N	N63a	15598N63a	EGWG	34	35	1	5	4,694.765	3,567.125	0.33	5.43
4611.131111	[redacted]	[redacted]	15612E37c	EGWO	49	6859.36221	2540.63539	[redacted]	60	E	E37c	15612E37c	EGWG	[redacted]	49	[redacted]	[redacted]	6,277.225	3,144.662	[redacted]	[redacted]
7068.370202	4145.577478	[redacted]	15717M56a	EGWO	49	6484.51264	3258.372482	[redacted]	12	M	M56a	15717M56a	EGWG	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5646.3686.39	4113.624748	[redacted]	15717M56b	EGWO	49	6299.331498	3241.049769	[redacted]	11	M	M56b	15717M56b	EGWG	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6172.727773	2964.311629	[redacted]	15725L49f	EGWO	49	11421.1488	7656.829677	[redacted]	26	K	L49f	15725L49f	EGWG	49	49	0	0	11,024.607	3,989.588	0.55	1.55
7674.934089	4666.142846	[redacted]	15776N91c	EGWO	49	9477.612527	2450.171141	[redacted]	27	K	K91c	15776N91c	EGWG	49	49	0	0	4,694.765	2,722.199	0.33	1.33
6601.090475	4230.719169	[redacted]	15865K47b	EGWO	49	10209.18018	3145.2079	[redacted]	3	K	K47b	15865K47b	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
8094.801523	4151.144379	[redacted]	15903E43b	EGWO	49	6507.627331	2403.956992	[redacted]	18	E	E43b	15903E43b	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
7187.199378	4537.200089	[redacted]	15903E43b	EGWO	49	6803.720837	2541.338406	[redacted]	6	E	E43b	15903E43b	EGWG	49	49	0	0	6,277.225	3,144.662	0.33	1.33
7177.46911	3962.188905	[redacted]	15914F83a	EGWO	29	3411.659222	2401.235182	[redacted]	39	F	F83a	15914F83a	EGWG	26	28	2	3	3,112.304	2,299.736	2.65	1.55
7584.863206	4568.867844	[redacted]	15989AO9i	EGWO	42	5744.516851	4338.835681	[redacted]	4	A	AO9i	15989AO9i	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	4,694.765	3,144.662	[redacted]	[redacted]
6632.831569	3531.685618	[redacted]	15997N62a	EGWO	30	4542.791005	3183.490199	[redacted]	12	N	N62a	15997N62a	EGWG	29	30	1	1	4,694.765	3,144.662	0.55	1.55
7935.40692	4726.631122	[redacted]	16047N62a	EGWO	32	4629.266481	3129.534775	[redacted]	44	N	N62a	16047N62a	EGWG	30	30	0	2	4,694.765	3,144.662	0.55	1.55
7246.480082	4189.404867	[redacted]	16071N60b	EGWO	42	4971.321722	3073.084959	[redacted]	4	N	N60b	16071N60b	EGWG	38	41	3	4	4,694.765	3,144.662	2.65	5.43
7814.013377	4604.153662	[redacted]	16276M55c	EGWO	[redacted]	5245.454545	2398.7982	[redacted]	1	M	M55c	16276M55c	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	4,694.765	2,722.199	[redacted]	[redacted]
6843.272627	3728.811383	[redacted]	16276M55h	EGWO	49	7894.178922	3483.10323	[redacted]	20	M	M55h	16276M55h	EGWG	[redacted]	49	[redacted]	[redacted]	7,839.686	3,567.125	[redacted]	[redacted]
7381.60101	4005.746397	[redacted]	16306AO7h	EGWO	49	8428.371429	4306.8971	[redacted]	1	A	AO7h	16306AO7h	EGWG	49	49	0	0	7,839.686	3,989.588	0.33	1.33
7770.324372	3742.231249	[redacted]	16314A02c	EGWO	49	8181.601181	4072.77945	[redacted]	2	A	A02c	16314A02c	EGWG	49	49	0	0	7,839.686	3,989.588	0.55	1.55
7786.22024	4537.419793	[redacted]	16330M57a	EGWO	49	7011.207715	[redacted]	[redacted]	9	M	M57a	16330M57a	EGWG	44	47	3	5	6,277.225	[redacted]	2.65	5.45
5262.055912	[redacted]	[redacted]	16373F34c	EGWO	49	7132.978723	2388.7422	[redacted]	1	K	K34c	16373F34c	EGWG	[redacted]	49	[redacted]	[redacted]	7,839.686	3,144.662	[redacted]	[redacted]
6773.063746	4259.2501	[redacted]	16454N70b	EGWO	49	4531.451056	2247.140867	[redacted]	14	N	N70b	16454N70b	EGWG	43	44	1	6	4,694.765	2,722.199	0.55	5.45
6427.01186	4297.082361	[redacted]	16470N63a	EGWO	35	5336.280488	3441.918266	[redacted]	8	N	N63a	16470N63a	EGWG	29	31	2	6	4,694.765	3,567.125	2.65	5.45
4972.639857	3638.998103	[redacted]	16500N62b	EGWO	42	6762.306667	3894.833928	[redacted]	40	N	N62b	16500N62b	EGWG	39	41	2	3	6,277.225	3,989.588	2.65	1.55
6005.125118	3728.28103	[redacted]	16579K90c	EGWO	49	5826.10886	2441.319557	[redacted]	25	K	K90c	16579K90c	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6467.098117	4161.687501	[redacted]	16594F83a	EGWO	31	4040.357471	2781.65624	[redacted]	35	F	F83a	16594F83a	EGWG	30	33	3	1	4,694.765	2,722.199	2.65	1.55
6246.099323	4099.771275	[redacted]	16624F83a	EGWO	36	4153.227205	2487.877742	[redacted]	8	F	F83a	16624F83a	EGWG	34	37	3	2	4,694.765	2,299.736	2.65	1.55
7818.359739	3365.312636	[redacted]	16632M52b	EGWO	[redacted]	3410.958904	2332.018192	[redacted]	1	M	M52b	16632M52b	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	4,694.765	2,722.199	[redacted]	[redacted]
6250.173693	4230.349147	[redacted]	16637F81c	EGWO	25	3441.673491	2319.45232	[redacted]	21	F	81c	16637F81c	EGWG	23	25	2	2	3,112.304	2,722.199	2.65	1.33
6930.057652	4129.877665	[redacted]	16772F81a	EGWO	28	4263.193476	2894.162017	[redacted]	8	F	81a	16772F81a	EGWG	28	30	2	0	4,694.765	[redacted]	2.65	1.55
7128.523113	4137.108309	[redacted]	16780N69m	EGWO	41	4598.996656	2332.440581	[redacted]	12	N	N69m	16780N69m	EGWG	31	35	4	10	4,694.765	2,722.199	4.75	9.35
9237.142857	4339.904643	[redacted]	16810K47c	EGWO	49	9807.40665	2382.06143	[redacted]	20	K	K47c	16810K47c	EGWG	[redacted]	49	[redacted]	[redacted]	9,442.146	3,567.125	[redacted]	[redacted]
7442.190158	4446.77101	[redacted]	16829F82d	EGWO	41	9903.231917	2283.118843	[redacted]	17	F	82d	16829F82d	EGWG	34	36	2	7	3,112.304	2,299.736	2.65	5.45
8106.224061	4136.767507	[redacted]	16853F78b	EGWO	27	3995.295075	2967.710666	[redacted]	21	F	78b	16853F78b	EGWG	24	28	4	3	4,694.765	2,722.199	4.75	1.55
7221.388948	4335.372383	[redacted]	16942F78d	EGWO	35	4115.13618	2983.200202	[redacted]	31	F	F78d	16942F78d	EGWG	25	29	4	2	4,694.765	2,722.199	4.75	1.55
6378.790871	3984.747618	[redacted]	16980A64d	EGWO	35	5796.474257	4365.754779	[redacted]	54	N	N64d	16980A64d	EGWG	34	36	2	1	4,694.765	3,144.662	2.65	1.55
4676.02637	[redacted]	[redacted]	17019K44j	EGWO	49	7012.077473	3133.491198	[redacted]	19	K	K44j	17019K44j	EGWG	49	49	0	0	6,277.225	3,144.662	0.33	1.33
5429.426876	2789.160082	[redacted]	17027K44a	EGWO	49	7415.063419	3410.915628	[redacted]	37	K	K44a	17027K44a	EGWG	49	49	0	0	7,839.686	3,567.125	0.55	1.55
5741.575424	3089.190393	[redacted]	17027K44c	EGWO	49	6198.656715	3407.982367	[redacted]	6	K	K44c	17027K44c	EGWG	48	49	1	1	6,277.225	3,567.125	0.55	1.55
6942.146976	4396.830833	[redacted]	17033F76a	EGWO	37	4471.684638	2803.729086	[redacted]	21	F	F76a	17033F76a	EGWG	30	36	6	7	4,694.765	2,722.199	6.83	5.43
6176.190476	3393.608033	[redacted]	17051K47c	EGWO	49	9408.184478	3895.314467	[redacted]	3	K	K47c	17051K47c	EGWG	[redacted]	49	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
6632.904076	3570.371248	[redacted]	17051K47d	EGWO	49	10193.23671	3266.809441	[redacted]	4	K	K47d	17051K47d	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
7974.331164	3731.329878	[redacted]	17051K47e	EGWO	49	8956.808514	3330.1088	[redacted]	2	K	K47e	17051K47e	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
7701.908446	4480.512768	[redacted]	17051K47f	EGWO	49	11705.92866	2874.099366	[redacted]	6	K	K47f	17051K47f	EGWG	49	49	0	0	11,024.607	4,412.051	0.55	1.55
7882.595478	3738.503348	[redacted]	17094E20a	EGWO	46	6709.677419	3590.36488	[redacted]	1	E	E20a	17094E20a	EGWG	[redacted]	49	[redacted]	[redacted]	6,277.225	3,144.662	[redacted]	[redacted]
7443.334202	4475.502654	[redacted]	17175F89b	EGWO	37	4882.329676	2550.263582	[redacted]	57	F	f89b	17175F89b	EGWG	36	40	4	1	4,694.765	2,722.199	4.75	1.55
6854.812153	4048.595382	[redacted]	17264F78c	EGWO	44	4828.084114	2724.514254	[redacted]	6	F	F78c	17264F78c	EGWG	40	43	3	4	4,694.765	2,722.199	2.65	5.45
6766.265301	4267.628898	[redacted]	17337F77C	EGWO	27	4227.320891	3056.219347	[redacted]	42	F	F77C	17337F77C	EGWG	27	30	3	0	4,694.765	2,722.199	2.65	1.33
4008.381171	2452.90479	[redacted]	17395E18a	EGWO	49	7189.806985	3099.810921	[redacted]	5	E	E18a	17395E18a	EGWG	49	49	0	0	6,277.225	3,144.662	0.55	1.55
3899.576615	2734.723601	[redacted]	17396E18b	EGWO	49	8048.736158	3659.162308	[redacted]	8	E	E18b	17396E18b	EGWG	49	49	0	0	7,839.686	3,989.588	0.55	1.55
5052.322109	3671.376017	[redacted]	17426F76a	EGWO	36	3876.398961	2311.581111	[redacted]	9	F	F76a	17426F76a	EGWG	29	36	7	7	3,112.304	2,299.736	6.83	5.43
1431.955718	[redacted]	[redacted]	17434F78b	EGWO	31	4234.789406	2942.415132	[redacted]	21	F	F78b	17434F78b	EGWG	27	32	5	4	4,694.765	2,722.199	4.75	5.45
7655.629139	[redacted]	[redacted]	17450F81c	EGWO	28	3730.377525	2643.509611	[redacted]	11	F	f81c	17450F81c	EGWG	30	31	1	-2	3,112.304	2,722.199	0.55	2.35
6246.732026	4470.037015	[redacted]	17469K47b	EGWO	49	9056.28035	3063.232309	[redacted]	12	K	K47b	17469K47b	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	9,442.146	[redacted]	[redacted]	[redacted]
6742.357559	4103.652604	[redacted]	17485F86a	EGWO	39	4620.896355	7542.601273	[redacted]	8	F	f86a	17485F86a	EGWG	38	36	-2	1	4,694.765	3,144.662	1.55	1.55
5131.505077	3915.954813	[redacted]	17493F82d	EGWO	42	3915.719288	2278.042854	[redacted]	22	F	f82d	17493F82d	EGWG	34	36	2	8	4,694.765	2,299.736	2.65	9.35
6790.887675	4320.176454	[redacted]	17528N66d	EGWO	34	4273.321963	2833.162288	[redacted]	25	N	N66d	17528N66d	EGWG	34	34	0	0	4,694.765	2,722.199	0.55	1.55
4410.515145	3334.404129	[redacted]	17574F82d	EGWO	43	3887.293006	2208.502854	[redacted]	22	F	f82d	17574F82d	EGWG	35	39	4	8	3,112.304	2,299.736	4.75	9.35
6393.617021	3847.358461	[redacted]	17582F78b	EGWO	30	4170.821791	2942.065892	[redacted]	27	F	f78b	17582F78b	EGWG	25	30	4	4	4,694.765	2,722.199	4.75	3.43
5460.426795	2796.313573	[redacted]	17655K49d	EGWO	49	10269.13595	2433.934179	[redacted]	4	K	K49d	17655K49d	EGWG	49	49	0	0	11,024.607	3,567.125	0.55	1.55
4689.773814	3573.949234	[redacted]	17671K46s	EGWO	49	11711.13012	7354.316277	[redacted]	13	K	K46s	17671K46s	EGWG	[redacted]	[redacted]	[redacted]	[redacted]	11,024.607	[redacted]	[redacted]	[redacted]
5838.713374	3937.297128	[redacted]	17698F85b	EGWO	45	4627.6863	2518.642513	[redacted]	17	F	f85b	17698F85b	EGWG	38	41	3	-7	4,694.765	2,722.199	2.65	5.43
6620.584544	4108.966951	[redacted]	17706F86b	EGWO	49	9301.211427	2721.6809	[redacted]	18	F	f86b	17706F86b	EGWG	39	47	8	10	4,694.765	2,722.199	8.95	9.35
6762.9082	4141.922338	[redacted]	17809K47c	EGWO	49	9473.62599	2389.5361	[redacted]	3	K	K47c	17809K47c	EGWG	[redacted]	49	[redacted]	[redacted]	9,442.146	3,567.125	[redacted]	[redacted]
5862.808557	2826.589971	[redacted]	17957M55h	EGWO	49	6637.339833	2798.200618	[redacted]	8	M	M55h	17957M55h	EGWG	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4987.262491	3671.999315	[redacted]	17973A01b	EGWO	24	5180.673469	4344.3225	[redacted]	1	A	A01b	17973A01b	EGWG	38	43	5	14	4,694.765	3,144.662	4.75	14.05
3109.063349	2987.744897	[redacted]	18112F81d	EGWO	28	4959.859629	3679.805133	[redacted]	8	F	f81d	18112F81d	EGWG	28	30	2	0	4,694.765	3,144.662	2.65	1.33
6676.023932	4389.277339	[redacted]	18120F77a	EGWO	33	3353.741497	2234.474286	[redacted]	7	F	F77a	18120F77a	EGWG	29	30	1	4	3,112.304	2,299.736	0.55	5.45
7467.418221	3743.664163	[redacted]	18201F76a	EGWO	37	4337.809567	2730.75191	[redacted]	31	F	F76a	18201F76a	EGWG	30	35	5	7	4,694.765	2,722.199	4.75	5.45
7991.433133	4618.134623	[redacted]	18341E21b	EGWO	49	7290.34784	2396.385266	[redacted]	9	E	E21b	18341E21b	EGWG	49	49	0	0	7,839.686	3,144.662	0.33	1.33
6264.05794	4139.646982	[redacted]	18368F85b	EGWO	43	4437.957877	2549.831254	[redacted]	16	F	f85b	18368F85b	EGWG	37	39	2	6	4,694.765	2,722.199	2.65	5.43
7265.589357	4465.372543	[redacted]	18376F86a	EGWO	44	4487.589474	2474.191791	[redacted]	17	F	f86a	18376F86a	EGWG	38	42	4	6	4,694.765	2,722.199	4.75	5.45
6730	3833.799465	[redacted]	18384F89b	EGWO	31	4427.477477	3049.653782	[redacted]	30	F	f89b	18384F89b	EGWG	29	32	3	2	4,694.765	3,144.662	2.65	1.33
5567.176871	[redacted]	[redacted]	18392F76a	EGWO	36	5131.789412	3294.818533	[redacted]	15	F	F76a	18392F76a	EGWG	35	38	3	1	4,694.765	3,144.662	2.65	1.55
6769.848414	3129.362275	[redacted]	18414F89c	EGWO	47	4516.717949	2377.832323	[redacted]	9	F	f89c	18414F89c	EGWG	39	41	2	8	4,694.765	2,722.199	2.65	9.35
6382.434454	3879.632124	[redacted]	18422M56c	EGWO	49	6927.083333	2605.124785	[redacted]	1	M	M56c	18422M56c	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6700.982309	4196.713706	[redacted]	18439F85b	EGWO	44	4561.546641	2566.146926	[redacted]	17	F	f85b	18439F85b	EGWG	38	40	2	6	4,694.765	2,722.199	2.65	5.45
6170.74436	4034.809604	[redacted]	18449K47c	EGWO	49	11185	3953.688513	[redacted]	2	K	K47c	18449K47c	EGWG	[redacted]	49	[redacted]	[redacted]	11,024.607	3,989.588	[redacted]	[redacted]
6654.493128	4084.510683	[redacted]	18449K47d	EGWO	49	9453.54092	3045.500

6240.9771	4080.051471	[redacted]	19461A03d	EGWO	49	9503.701488	3882.378093	[redacted]	37	A	A03d	19461A03d	EGWC				9,442.146	3,989.588				
4311.111111	3832.302281	[redacted]	19461A03g	EGWO	49	8230.79255	3594.175486	[redacted]	7	A	A03g	19461A03g	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.55		
3852.951015	3579.809139	[redacted]	19359F03	EGWO	51	4428.162404	4149.259623	[redacted]	2	F	F03	19359F03	EGWC	45	51	5	5 4,694.765	4,222.199	2.65	1.55		
7675.963862	4352.758824	[redacted]	19542N67a	EGWO	34	4359.679791	2857.791251	[redacted]	17	N	N67a	19542N67a	EGWC	32	35	3	2 4,694.765	3,144.662	2.65	1.55		
7524.056966	4338.087999	[redacted]	19607N73h	EGWO	41	7235.103126	4133.679731	[redacted]	22	N	N73h	19607N73h	EGWC	40	43	3	1 7,839.686	3,989.588	2.65	1.55		
6214.738875	2910.09823	[redacted]	19615A03a	EGWO	49	8206.01622	4132.02083	[redacted]	18	A	A03a	19615A03a	EGWC	49	49	0	0 7,839.686	3,989.588	0.55	1.55		
6514.491823	3979.511198	[redacted]	19615A03c	EGWO	49	8920.947664	4160.027092	[redacted]	36	A	A03c	19615A03c	EGWC	49	49	0	0 9,442.146	3,989.588	0.55	1.55		
4351.45665	2886.196528	[redacted]	19615A03d	EGWO	49	8799.404815	3893.594792	[redacted]	17	A	A03d	19615A03d	EGWC	49	49	0	0 9,442.146	3,989.588	0.55	1.55		
7129.749312	4036.002702	[redacted]	19615A03g	EGWO	49	8474.463457	4298.327167	[redacted]	6	A	A03g	19615A03g	EGWC	49	49	0	0 7,839.686	4,412.051	0.55	1.55		
5552.215772	3842.720823	[redacted]	19704A90c	EGWO	49	9599.779843	3400.784885	[redacted]	27	K	K90c	19704A90c	EGWC	49	49	0	0 6,377.225	2,722.199	0.55	1.55		
3171.934818	3083.283941	[redacted]	19852A09c	EGWO		9133.284672	4133.490311	[redacted]	1	A	A09c	19852A09c	EGWC				6,377.225	3,367.125				
4905.882353	3034.335264	[redacted]	19860N65b	EGWO	31	5011.725707	3464.260422	[redacted]	20	N	N65b	19860N65b	EGWC	25	28	3	6 4,694.765	3,567.125	2.65	5.45		
2590.24765	1443.057869	[redacted]	19909N71c	EGWO	37	4742.206687	2635.851176	[redacted]	18	N	N71c	19909N71c	EGWC	40	43	3	3 4,694.765	2,722.199	2.65	2.35		
7619.588399	4290.23744	[redacted]	19968A04c	EGWO	41	7383.941606	4491.410968	[redacted]	1	A	A04c	19968A04c	EGWC	47	48	1	6 7,839.686	3,367.125	0.33	6.23		
8220.742005	3863.845581	[redacted]	19984N65b	EGWO	33	5499.449051	3561.235563	[redacted]	33	N	N65b	19984N65b	EGWC	29	33	4	4 6,377.225	3,567.125	4.75	5.45		
7752.21136	4528.46933	[redacted]	20095A00c	EGWO	34	6813.713001	4319.091741	[redacted]	2	A	A00c	20095A00c	EGWC	44	47	3	10 6,377.225	4,412.051	2.65	10.15		
7018.463318	3567.058467	[redacted]	20095A04h	EGWO	47	6714.856542	3291.737683	[redacted]	7	A	A04h	20095A04h	EGWC	48	49	1	1 6,377.225	3,144.662	0.33	2.33		
8482.361628	4738.289992	[redacted]	20192N00c	EGWO	34	5496.726111	3896.087175	[redacted]	4	A	A00c	20192N00c	EGWC	44	47	3	10 6,377.225	3,144.662	2.65	10.15		
6646.357557	3539.00973	[redacted]	20206N70b	EGWO	49	3201.276882	2644.48937	[redacted]	24	N	N70b	20206N70b	EGWC	39	46	7	10 4,694.765	2,722.199	6.85	9.33		
7527.453895	4689.698738	[redacted]	20257N65b	EGWO	33	4914.314756	3284.995321	[redacted]	249	N	N65b	20257N65b	EGWC	29	32	3	4 4,694.765	3,144.662	2.65	5.45		
8348.658411	3413.22235	[redacted]	20257N66h	EGWO	28	4421.903464	3541.958128	[redacted]	23	N	N66h	20257N66h	EGWC	29	32	3	1 4,694.765	2,722.199	2.65	2.35		
8237.472011	4843.681229	[redacted]	19870J20669	EGWO	49	4379.651621	2505.478028	[redacted]	2	K	K46a	20338K46a	EGWC				9,442.146					
8531.638075	4678.415963	[redacted]	20338K46b	EGWO		7818.058457		[redacted]	7	K	K46b	20338K46b	EGWC				7,839.686					
5679.617638	3109.605218	[redacted]	20338K46c	EGWO		10569.92209		[redacted]	4	K	K46c	20338K46c	EGWC				11,024.607					
6191.589067	4040.840738	[redacted]	20338K47a	EGWO	49	10031.33069	5458.087661	[redacted]	2	K	K47a	20338K47a	EGWC				9,442.146	3,989.588				
6926.772537	3784.59141	[redacted]	20354K46c	EGWO		11430.39456	2983.1219	[redacted]	10	K	K46c	20354K46c	EGWC				11,024.607					
7567.809251	4608.921272	[redacted]	20370A04c	EGWO	41	6927.132154	4189.050367	[redacted]	3	A	A04c	20370A04c	EGWC	47	48	1	6 6,377.225	3,567.125	0.55	6.23		
7937.464629	4386.042003	[redacted]	20397N70a	EGWO	46	4373.54901	2379.228889	[redacted]	9	N	N70a	20397N70a	EGWC	39	40	1	7 4,694.765	2,722.199	0.33	3.43		
8014.258572	4799.380972	[redacted]	20397N70b	EGWO	39	4894.648959	3192.189952	[redacted]	12	N	N70b	20397N70b	EGWC	38	39	1	1 4,694.765	3,144.662	0.55	1.55		
6803.030303	4315.03869	[redacted]	20427N60C	EGWO	36	5474.974209	3476.775736	[redacted]	58	N	N60C	20427N60C	EGWC	32	34	2	4 4,694.765	3,367.125	2.65	3.43		
6330.746627	4530.538714	[redacted]	20451A02a	EGWO	49	8905.303307	4451.237362	[redacted]	10	A	A02a	20451A02a	EGWC	49	49	0	0 9,442.146	3,989.588	0.55	1.55		
5653.333333	3784.031323	[redacted]	20514M57a	EGWO	49	6742.846636	3261.076318	[redacted]	6	M	M57a	20514M57a	EGWC	44	45	1	5 6,377.225	3,567.125	0.55	5.45		
7712.995128	4578.264418	[redacted]	20540N60b	EGWO	37	9688.498325	4104.677	[redacted]	19	N	N60b	20540N60b	EGWC	33	35	2	4 6,377.225	4,412.051	2.65	3.43		
7764.552038	4784.308072	[redacted]	20557A06a	EGWO	40	7726.496138	4481.14715	[redacted]	3	A	A06a	20557A06a	EGWC	47	48	1	7 7,839.686	3,989.588	0.55	6.25		
5177.318541	3299.68713	[redacted]	20591A04d	EGWO	46	6762.680098	3393.899594	[redacted]	6	A	A04d	20591A04d	EGWC	49	49	0	3 6,377.225	3,144.662	0.55	2.33		
6260.979761	3239.412449	[redacted]	20613M30a	EGWO	49	3543.323871	2809.945021	[redacted]	29	M	M30a	20613M30a	EGWC	45	46	1	4 6,377.225	3,144.662	0.33	5.43		
5151.071442	2925.087405	[redacted]	20737A04e	EGWO	44	7710.29283	4133.137012	[redacted]	7	A	A04e	20737A04e	EGWC	49	49	0	5 7,839.686	3,567.125	0.55	6.25		
5481.360042	2865.094831	[redacted]	20818A04c	EGWO	41	7302.674922	4611.0516	[redacted]	5	A	A04c	20818A04c	EGWC	47	45	2	6 7,839.686	3,989.588	1.55	6.23		
4586.980131	3390.409024	[redacted]	20826N60a	EGWO	38	7127.777778	4541.616322	[redacted]	3	N	N60a	20826N60a	EGWC	32	34	2	6 7,839.686	4,834.514	2.65	5.43		
5268.016661	3731.117565	[redacted]	20842A04e	EGWO	41	7513.513514		[redacted]	1	A	A04e	20842A04e	EGWC	47	48	1	6 7,839.686	4,412.051	0.55	6.25		
4910.229109	3512.702007	[redacted]	20850A04c	EGWO	41	7157.407407	4578.6368	[redacted]	1	A	A04c	20850A04c	EGWC	47	48	1	6 7,839.686	3,989.588	0.55	6.25		
4448.051948	3013.14124	[redacted]	20869A01d	EGWO	30	4830.769231		[redacted]	1	A	A01d	20869A01d	EGWC	43	44	1	13 4,694.765		0.55	14.05		
4717.427318	3487.652998	[redacted]	20877A04c	EGWO	41	7517.379418	3426.3837	[redacted]	2	A	A04c	20877A04c	EGWC	47	48	1	6 7,839.686	3,567.125	0.55	6.25		
6667.389283	3933.146561	[redacted]	20885A04e	EGWO	38	7315.622061	4506.699604	[redacted]	9	A	A04e	20885A04e	EGWC	47	47	0	9 7,839.686	3,989.588	0.55	10.15		
3718.92023	2838.770147	[redacted]	20893A01b	EGWO	24	9230.769231		[redacted]	1	A	A01b	20893A01b	EGWC	38	43	5	14 9,442.146		4.75	14.05		
4435.416667	3564.101078	[redacted]	20893A01d	EGWO	30	5841.666667	4476.9046	[redacted]	1	A	A01d	20893A01d	EGWC	43	44	1	13 6,377.225	3,567.125	0.55	14.05		
4097.119073	3442.777546	[redacted]	20907A07a	EGWO	46	7470.380886	4330.3337	[redacted]	3	A	A07a	20907A07a	EGWC	49	49	0	3 7,839.686	3,567.125	0.33	2.33		
4377.106786	3506.494225	[redacted]	20907A07c	EGWO	49	8742.624357	4580.1468	[redacted]	2	A	A07c	20907A07c	EGWC	49	49	0	0 9,442.146	3,989.588	0.55	1.55		
4074.13756	3388.460151	[redacted]	20990A05b	EGWO	40	5891.304348	3353.6036	[redacted]	1	A	A05b	20990A05b	EGWC	46	47	1	6 6,377.225		0.55	6.25		
3978.650407	3466.04906	[redacted]	20990A05c	EGWO	38	5715.384474	3985.8779	[redacted]	4	A	A05c	20990A05c	EGWC	42	45	2	9 9,442.146	3,144.662	2.65	9.45		
4108.036086	2956.447208	[redacted]	21014F18b	EGWO	49	7136.640619	3109.22705	[redacted]	8	E	F18b	21014F18b	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.55		
4062.179487	3896.609631	[redacted]	21073N61c	EGWO	49	7294.083782	3694.90349	[redacted]	11	N	N61c	21073N61c	EGWC	41	41	0	8 7,839.686	3,989.588	0.33	9.33		
5912.59323		[redacted]	21091F83a	EGWO	35	3733.100523	2396.92222	[redacted]	55	F	F83a	21091F83a	EGWC	31	33	2	4 3,112.304	2,299.736	2.65	5.45		
4456.482394	3837.2829	[redacted]	21148N65c	EGWO	49	4824.834702	3321.697414	[redacted]	20	N	N65c	21148N65c	EGWC	29	31	2	2 4,694.765	3,144.662	2.65	1.55		
4331.722215	3465.191401	[redacted]	21156M53g	EGWO	49	7023.641026	4536.7342	[redacted]	1	M	M53g	21136M53g	EGWC	47	49	2	2 6,377.225	3,989.588	2.65	1.55		
2417.515323	2581.398364	[redacted]	21156M55h	EGWO	49	6094.599821		[redacted]	2	M	M55h	21156M55h	EGWC		49		2 6,377.225					
3870.495881	2784.294312	[redacted]	21156M56d	EGWO		12293.33333		[redacted]	1	M	M56d	21136M56d	EGWC				12,607.067					
4175.134229	3820.583755	[redacted]	21156M57b	EGWO		6684.546616	3716.848163	[redacted]	3	M	M57b	21156M57b	EGWC				6,377.225	3,567.125				
4019.893504	3791.104586	[redacted]	21202K25a	EGWO	43	6443.75	3797.0279	[redacted]	1	K	K25a	21202K25a	EGWC	46	48	2	3 6,377.225	3,144.662	2.65	2.35		
3872.388438	3397.137267	[redacted]	21202K25b	EGWO		6848.90873	3930.10709	[redacted]	2	K	K25b	21202K25b	EGWC				6,377.225	3,567.125				
6848.374664	4243.335289	[redacted]	21210N70b	EGWO	47	4565.999625	2419.677647	[redacted]	17	N	N70b	21210N70b	EGWC	38	41	3	9 4,694.765	2,722.199	2.65	9.33		
3990.756551	2986.635611	[redacted]	21229N62b	EGWO	40	6356.761269	3802.091252	[redacted]	32	N	N62b	21229N62b	EGWC	35	40	5	5 6,377.225	3,567.125	4.75	5.45		
4697.807043	3783.334071	[redacted]	21229F81c	EGWO	42	5119.047619		[redacted]	1	F	F81c	21229F81c	EGWC	39	41	3	6 4,694.765		4.75	3.43		
4304.403008	2902.419739	[redacted]	21318A09	EGWO	45	6967.187253	3757.305008	[redacted]	11	A	A09	21318A09	EGWC	47	49	2	2 6,377.225	3,567.125	2.65	2.35		
3858.620432	3217.770512	[redacted]	21342M30b	EGWO	44	5643.031001	3800.007065	[redacted]	6	M	M30b	21342M30b	EGWC	44	45	1	0 6,377.225	3,144.662	0.55	1.55		
4173.339121	2923.499853	[redacted]	21407N67a	EGWO	34	3416.814834	3383.857136	[redacted]	51	N	N67a	21407N67a	EGWC	33	37	4	1 4,694.765	3,367.125	4.75	1.33		
4755.339129	2948.247808	[redacted]	21431N69a	EGWO	46	4529.717709	2641.863129	[redacted]	17	N	N69a	21431N69a	EGWC	39	41	2	7 4,694.765	2,722.199	2.65	5.45		
5047.024894	4011.543362	[redacted]	21482A02a	EGWO	46	8455.362608	4268.569802	[redacted]	15	A	A02a	21482A02a	EGWC	49	49	0	3 7,839.686	3,989.588	0.55	2.33		
4400.297339	2781.969803	[redacted]	21539M56b	EGWO	49	6664.974619	2461.773895	[redacted]	1	M	M56b	21539M56b	EGWC	49	49	0	0 6,377.225	2,722.199	0.33	1.53		
3825.827954	2703.471197	[redacted]	21563N60b	EGWO	44	5321.643144	3003.754476	[redacted]	36	N	N60b	21563N60b	EGWC	40	43	3	4 4,694.765	3,144.662	2.65	5.45		
6504.051041	4115.691893	[redacted]	21598A06g	EGWO	48	8103.725513	4223.84492	[redacted]	15	A	A06g	21598A06g	EGWC	49	49	0	1 7,839.686	3,567.125	0.55	2.33		
6974.802857	4200.925623	[redacted]	21601A06g	EGWO	45	6988.619441	4151.953467	[redacted]	3	A	A06g	21601A06g	EGWC	49	49	0	4 6,377.225	3,567.125	0.55	2.33		
6952.902941	4197.675821	[redacted]	21717N64c	EGWO	49	5867.780749	2714.552606	[redacted]	34	N	N64c	21717N64c	EGWC	47	49	2	2 6,377.225	3,144.662	2.65	1.55		
6060.741946	4076.349112	[redacted]	21741M27a	EGWO	49	7104.961832	2407.4766	[redacted]	4	M	M27a	21741M27a	EGWC				7,839.686	3,144.662				
7285.622336	3111.591684	[redacted]	21784K44e	EGWO	49	5809.302326	2432.5778	[redacted]	1	K	K44e	21784K44e	EGWC	49	49	0	0 6,377.225	2,722.199	0.55	1.55		
6655.434995	3911.446904	[redacted]	21792F77f	EGWO	38	3094.224692	2677.39484	[redacted]	12	F	F77f	21792F77f	EGWC	34	38	4	4 4,694.765	2,722.199	4.75	5.43		
6929.135239	4094.833564	[redacted]	21814A02d	EGWO	49	8399.393935	3833.328507	[redacted]	15	A	A02d	21814A02d	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.53		
3456.172403	2633.891058	[redacted]	21814A03g	EGWO	49	8007.963542	3849.025475	[redacted]	15	A	A03g	21814A03g	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.55		
3528.136447		[redacted]	21814A06h	EGWO	49	7503.670875	3707.227163	[redacted]	5	A	A06h	21814A06h	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.55		
6831.933535	4237.051933	[redacted]	21814A07a	EGWO	46	8991.034051	4566.575626	[redacted]	4	A	A07a	21814A07a	EGWC	49	49	0	3 9,442.146	4,412.051	0.55	2.35		
6537.541484	4134.796427	[redacted]	21903N07c	EGWO	49	8384.782774	4831.1945	[redacted]	5	A	A07c	21903N07c	EGWC	49	49	0	0 7,839.686	4,417.051	0.55	1.55		
6495.87172	4183.309461	[redacted]	21903A02b	EGWO	39	7728.43097	3778.674668	[redacted]	13	A	A02b	21903A02b	EGWC	49	49	0	0 7,839.686	3,567.125	0.33	1.33		
3941.482114	2685.93322	[redacted]	22055N60a	EGWO	37	6388.976316	4035.186819	[redacted]	37	N	N60a	22055N60a	EGWC	32	33	1	5 6,377.225	4,412.051	0.55	5.45		
5779.930771	3459.330858	[redacted]	22101A07c	EGWO	46	7790.419162	4065.5387	[redacted]	1	A	A07c	22101A07c	EGWC	49	49	0	3 7,839.686	3,567.125	0.55	2.35		
6648.073381	4111.828999	[redacted]	22101A07e	EGWO	45	7742.144302	4167.8971	[redacted]	13	A	A07e	22101A07e	EGWC	49	49	0	4 7,839.686	3,567.125	0.33	2.33		
5968.964926	2795.771639	[redacted]	22116T98a	EGWO	20	4304.353128	3388.508391	[redacted]	39	T	T98a	22116T98a	EGWC	23	27	4	3 4,694.765	3,144.662	4.75	2.35		
6621.776389	4206.093382	[redacted]	22144N61c	EGWO	46	6514.509786	3498.753181	[redacted]	32	N	N61c	22144N61c	EGWC	40	40	0	6 6,377.225	3,989.588	0.55	5.43		
6597.307109	4112.479854	[redacted]	22179N73b	EGWO	43	7134.687021	3577.344019	[redacted]	17	N	N73b	22179N73b	EGWC	40	45	5	5 7,839.686	3,567.125	4.75	5.43		
5358.523837	3565.707595	[redacted]	22217A06a	EGWO	40	8469.026549	4758.319982	[redacted]	1	A	A06a	22217A06a	EGWC	47	48	1	7 7,839.686	3,989.588	0.55	6.25		
5368.663594		[redacted]	22217A06c	EGWO	44	7090.83273	4132.128434	[redacted]	4	A	A06c	22217A06c	EGWC	49	49	0	5 7,839.686	3,567.125	0.55	6.23		
9515.517241	3787.552912	[redacted]	22217A06d	EGWO	45	9974.579271		[redacted]	1	A	A06d	22217A06d	EGWC	49	49	0	4 9,442.146		0.55	2.35		
5826.9839	3739.868912	[redacted]	22217A06f	EGWO	43	7857.723179	4568.601876	[redacted]	4	A	A06f	22217A06f	EGWC	49	49	0	6 7,839.686	3,989.588	0.55	6.25		
6770.144425	4117.480727	[redacted]	22217A07c	EGWO	49	8457.166667	4607.1234	[redacted]	4	A	A07c	22217A07c	EGWC	49	49	0	0 7,839.686	3,989.588	0.33	1.33		
7194.928686	4333.030044	[redacted]	22217A07e	EGWO	49	9922.119358	4309.534186	[redacted]	12	A	A07e	22217A07e	EGWC	49	49	0	0 9,442.146	3,989.588	0.55	1.55		
6571.861374	4078.161631	[redacted]	22230A06g	EGWO	49	7693.65963	3384.324434	[redacted]	8	A	A06g	22230A06g	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.55		
7069.240852	4235.120204	[redacted]	22322A06a	EGWO	41	7323.434055	4304.513795	[redacted]	6	A	A06a	22322A06a	EGWC	48	49	1	7 7,839.686	3,567.125	0.33	6.23		
6708.528911	4118.222929	[redacted]	22322A06k	EGWO	46	7551.067234	4040.1084	[redacted]	12	A	A06k	22322A06k	EGWC	49	49	0	3 7,839.686	3,567.125	0.55	2.33		
6319.812511	3960.808551	[redacted]	22330A06b	EGWO	46	7581.158155	4027.95619	[redacted]	13	A	A06b	22330A06b	EGWC	49	49	0	3 7,839.686	3,567.125	0.55	2.33		
6585.429432	4073.846813	[redacted]	22349M56a	EGWO	48	8002.23777	4065.35647	[redacted]	19	M	M56a	22349M56a	EGWC	47	49	2	1 7,839.686	3,989.588	2.65	1.53		
6302.272743	3970.410817	[redacted]	22357M56b	EGWO	49	6623.737384	3592.404754	[redacted]	7	M	M56b	22357M56b	EGWC	49	49	0	0 6,377.225	2,722.199	0.55	1.55		
5832.905063	3905.509809	[redacted]	22365M56b	EGWO	49	7736.111111	3291.485	[redacted]	1	M	M56b	22365M56b	EGWC	49	49	0	0 7,839.686	3,567.125	0.55	1.53		
5383.888909	3771.394057	[redacted]	22373M56a	EGWO	48	5454.161134	3322.881181	[redacted]	9	M	M56a	22373M56a	EGWC	47	48	1	1 6,377.225	3,144.662	0.55	2.35		
5700.891348	2754.265276	[redacted]	22373M56b	EGWO	49	6506.763287	3169.557221	[redacted]	17	M	M56b	22373M56b	EGWC	49	49	0	0 6,377.225	3,144.662	0.55	1.55		
6734.811635	4112.028749	[redacted]	22403M29b	EGWO		4793.734513	3310.91205	[redacted]	2	M	M29b	22403M29b	EGWC				4,694.765	2,722.199				
4892.544194	3362.732748	[redacted]	22489F89a	EGWO	41	4370.651621	2505.478028	[redacted]	54	F	F89a	22489F89a	EGWC	31	37	6	10 4,694.765	2,722.199	6.85	9.35		
5631.458819	3883.437516	[redacted]	22586N70a	EGWO	43	4721.703694	2711.0020056	[redacted]	12	N	N70a	22586N70a	EGWC	38	45	2	5 4,694.765	2,722.199	2.65	5.45		
6005.637726	4060.644878	[redacted]	22624N70a	EGWO	44	4882.087311	2742.891806	[redacted]	15	N	N70a	22624N70a	EGWC	41	42	1	3 4,694.765	2,722.199	0.33	1.53		
6162.862542	3913.871687	[redacted]	22632A06g	EGWO	45	8366.666667	4920.070181	[redacted]	1	A	A06g	22632A06g	EGWC	49	49	0	4 7,839.686	3,989.588	0.55	2.35		
6397.78945	4077.189653	[redacted]	22683M52h	EGWO	49	7035.637192	3033.392074	[redacted]	15	M	M52h	22683M52h	EGWC	49	49	0	0 6,377.225	3,144.662	0.55	1.55		
10504.11071	3687.882974	[redacted]	22713F86g	EGWO	46	4891.459227	2616.443666	[redacted]	20	F	F86g	22713F86g	EGWC	42	44	2	4 4,694.765	2,722.199	2.65	5.45		
6466.07382	4126.019238	[redacted]	22764F77a	EGWO	27	4864.795501	3260.078017	[redacted]	31	F	F77a	22764F77a	EGWC	24	30	6	3 4,694.765	3,144.662	6.85	1.55		
3460.211189	2870.298017	[redacted]	22799F76a	EGWO	26	4339.818173	2852.066992	[redacted]	10	F	F76a	22799F76a	EGWC	29	34	5	7 4,694.765	2,722.199	4.75	3.43		
4501.341879	3822.264168	[redacted]	22926F80b	EGWO	21	6270.66213	3761.772584	[redacted]	6	F	F80b	22926F80b	EGWC	24	28	4	3 6,377.225		4.75	2.35		
6804.581002	3931.851753	[redacted]	22926F80c	EGWO	31	6303.866379	4413.206667	[redacted]	4	F	F80c	22926F80c	EGWC		32		6,377.225	4,834.514				
6531.668342	3851.925439	[redacted]	22934A26a	EGWO	49	8418.944411	3346.835979	[redacted]	40	K	K26a	22934A26a	EGWC	49	49	0	0 7,839.686	3,989.588	0.55	1.53		
7295.25639	4104.967642	[redacted]	22985A07h	EGWO	49	8534.792733	3865.82534	[redacted]	7	A	A07h	22985A07h	EGWC	49	49	0	0 7,839.686	4,412.051	0.55	1.55		
6424.860692	3832.493967	[redacted]	22993N65b	EGWO	31	4982.043342	3440.585094	[redacted]	23	N	N65b	22993N65b	EGWC	27	30	3	4 4,694.765	3,567.125	2.65	5.45		
6756.440017	4102.689909	[redacted]	23035A06i	EGWO	43	6760.869565	3440.7316	[redacted]	2	A	A06i	23035A06i	EGWC	49	49	0	6 6,377.225	3,567.125	0.33	6.23		
6859.897948	4235.707389	[redacted]	23108N60a	EGWO	43	6672.010676	2431.012714	[redacted]	14	N	N60a	23108N60a	EGWC	37	39	2	6 4,694.765	2,722.199	2.65	5.45		
4776.252562	2701.660645	[redacted]	23183N65c	EGWO	32	4769.23152	3250.84184	[redacted]	28	N	N65c	23183N65c	EGWC	29	31	2	3 4,694.765	3,144.662	2.65	1.55		
3997.597184	3262.248102	[redacted]	23221F81c	EGWO	23	3558.779348	3001.257937	[redacted]	22	F	F81c	23221F81c	EGWC	23	25	2	0 3,112.304	2,722.199	2.65	1.55		
6857.414946	4173.705401	[redacted]	23299F81c	EGWO	33	4678.580931	1491.797264	[redacted]	11	F	F81c	23299F81c	EGWC	33	35	2	0 4,694.765	2,722.199	2.65	1.55		
7260.268823	4378.233427	[redacted]	23388M56c	EGWO	49	7205.279102	2737.786518	[redacted]	12	M	M56c	23388M56c	EGWC	49	49	0	0 7,839.686	3,144.662	0.33	1.33		
7152.605973	4080.209766	[redacted]	23434N68d	EGWO	48	4504.013239	2352.012864	[redacted]	23	N	N68d	23434N68d	EGWC	41	42	1	7 4,694.765	2,722.199	0.55	5.45		
5066.954932	3076.587523	[redacted]	23434N68c	EGWO	46	4866.026189	2559.972162	[redacted]	13	N	N68c	23434N68c	EGWC	44	45	1	2 4,694.765	2,722.199	0.55	1.53		
6879.020063	4293.81114	[redacted]	23477A06c	EGWO		3201.944632	2937.4806	[redacted]	1	A	A06c	23477A06c	EGWC				4,694.765					
4179.265566	2588.853353	[redacted]	23493K90d	EGWO	48	4745.776984	2345.312265	[redacted]	32	K	K90d	23493K90d	EGWC	43	42	1	5 4,694.765	2,722.199	1.55	5.45		
4736.149004	3806.398992	[redacted]	23515N65b	EGWO	32	5549.287171	3764.664914	[redacted]	24	N	N65b	23515N65b	EGWC	26	30	4	6 6,377.225	3,989.588	4.75	5.45		
4623.342866	3746.301868	[redacted]

10451,3313	3829,304321	[redacted]	24309M57a	EGWO	47	5928,158936	3461,479029	[redacted]	7	M	M57a	24309M57a	EGWC	42	46	4	5	6,277.225	3,144.662	4.75	5.45
8842,804809	4579,417794	[redacted]	24457N65c	EGWO	28	4289,782135	3136,590909	[redacted]	22	N	N65c	24457N65c	EGWC	25	28	3	3	4,694.765	3,144.662	2.65	1.55
10744,41949	4107,204587	[redacted]	24304N42	EGWO	54	5033,426387	5995,62	[redacted]	9	N	N42	24304N42	EGWC	52	53	5	2	4,694.765	3,989.588	2.65	1.55
7286,865514	4387,986547	[redacted]	24554N62b	EGWO	28	6047,488002	3728,483123	[redacted]	10	N	N62b	24554N62b	EGWC	35	35	0	3	6,277.225	3,989.588	0.55	1.55
7165,743105	4273,044083	[redacted]	24619N01d	EGWO	30	6734,375	4523,606842	[redacted]	1	A	AO1d	24619N01d	EGWC	43	44	1	13	6,277.225	3,567.125	0.55	14.05
7554,816714	4412,626203	[redacted]	24627M56h	EGWO			4292,43283	3812,2194	1	M	M56h	24627M56h	EGWC					4,694.765	2,722.199		
7447,643692	4370,127551	[redacted]	24635N62b	EGWO	28	6099,068494	3760,147115	[redacted]	15	N	N62b	24635N62b	EGWC	36	39	3	2	6,277.225	3,567.125	2.65	1.55
4264,947115	2563,290461	[redacted]	24643N62b	EGWO	41	6003,052278	3507,173118	[redacted]	25	N	N62b	24643N62b	EGWC	36	38	2	5	6,277.225	3,567.125	2.65	5.45
10683,76068		[redacted]	24716N65c	EGWO	28	3602,797203	3215,978182	[redacted]	22	N	N65c	24716N65c	EGWC	25	28	3	3	3,112.304	3,144.662	2.65	1.55
6731,311764	3917,22136	[redacted]	24740N60b	EGWO	42	5307,693308		[redacted]	1	N	N60b	24740N60b	EGWC	38	41	3	4	4,694.765		2.65	5.45
3903,453424	3126,339021	[redacted]	24791AD5c	EGWO	38	6897,309579		[redacted]	2	A	AD5c	24791AD5c	EGWC	43	45	2	5	6,277.225		2.65	6.25
3975,012132	2852,57373	[redacted]	24805M49b	EGWO	49	12840,2551	3289,674209	[redacted]	17	K	K49b	24805M49b	EGWC	49	49	0	0	12,607.867	4,412.051	0.55	1.55
4175,239143	2916,725799	[redacted]	24821M56a	EGWO	49	6435,897436	3300,7783	[redacted]	1	M	M56a	24821M56a	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4295,293839	2913,316732	[redacted]	24821M56b	EGWO	49	6733,886943	2988,978122	[redacted]	2	M	M56b	24821M56b	EGWC	49	49	0	0	6,277.225	3,144.662	0.33	1.55
3685,695252	3250,233893	[redacted]	24864AD6	EGWO	44	6921,049036	4088,1927	[redacted]	3	A	AD6	24864AD6	EGWC	48	49	1	4	6,277.225	3,567.125	0.55	2.35
4875,501647	2735,178995	[redacted]	24910K49f	EGWO	49	9789,480574	2624,301483	[redacted]	6	K	K49f	24910K49f	EGWC	49	49	0	0	9,442.146	3,567.125	0.55	1.55
3869,741942	3639,399815	[redacted]	24961K49u	EGWO	49	9936,461048	3122,148533	[redacted]	3	K	K49u	24961K49u	EGWC		49			9,442.146			
4585,100043	3087,876873	[redacted]	25003N61b	EGWO	49	3159,423284	2523,409472	[redacted]	12	N	N61b	25003N61b	EGWC	43	46	3	6	4,694.765	2,722.199	2.65	5.45
7025,015479	4031,611006	[redacted]	25062E16a	EGWO		3792,134831		[redacted]	1	E	E16a	25062E16a	EGWC					6,277.225			
5268,133935	3560,269989	[redacted]	25089K91c	EGWO	49	4941,384681	2339,314566	[redacted]	23	K	K91c	25089K91c	EGWC	49	46	3	0	4,694.765	2,722.199	3.65	1.55
5047,31734	3660,868618	[redacted]	25100K90c	EGWO	49	5521,065619	2414,052831	[redacted]	35	K	K90c	25100K90c	EGWC	48	49	1	1	6,277.225	2,722.199	0.55	1.55
7051,897389	4241,604268	[redacted]	25127N60b	EGWO	18	3120,426899	2391,603537	[redacted]	11	N	N60b	25127N60b	EGWC	24	31	7	9	4,694.765	3,567.125	6.85	9.85
6459,26615	4076,199268	[redacted]	25135N65b	EGWO	32	5518,714427	3740,070617	[redacted]	42	N	N65b	25135N65b	EGWC	27	31	4	5	6,277.225	3,989.588	4.75	5.45
5466,28752	3718,157363	[redacted]	25178M56b	EGWO	49	6215,384615	2360,7769	[redacted]	1	M	M56b	25178M56b	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5345,387146	4073,753723	[redacted]	25194N62a	EGWO	31	4580,269228	3134,700667	[redacted]	29	N	N62a	25194N62a	EGWC	30	30	0	1	4,694.765	3,144.662	0.33	1.55
4825,18797	3501,684817	[redacted]	25216F76a	EGWO	31	4817,877524	3299,47527	[redacted]	8	F	F76a	25216F76a	EGWC	27	33	6	4	4,694.765	3,144.662	6.85	5.45
5514,257179	3872,00028	[redacted]	25275F85b	EGWO	41	4362,569828	2479,314026	[redacted]	22	F	F85b	25275F85b	EGWC	35	38	3	6	4,694.765	2,722.199	2.65	5.45
7463,43782	4429,006979	[redacted]	25305K47a	EGWO		10172,07792	2366,8232	[redacted]	1	K	K47a	25305K47a	EGWC					9,442.146			
6708,401809	4183,595342	[redacted]	25305K47e	EGWO		9850	2367,5186	[redacted]	4	K	K47e	25305K47e	EGWC					9,442.146			
6033,431085	4139,879155	[redacted]	25313F78a	EGWO	35	4166,383111	2709,02995	[redacted]	15	F	F78a	25313F78a	EGWC	34	35	1	1	4,694.765	2,722.199	0.33	1.55
6283,648173	4310,719541	[redacted]	25348N07f	EGWO	49	8139,784946	3371,0339	[redacted]	1	A	AO7f	25348N07f	EGWC					7,859.686			
7115,844938	4256,672902	[redacted]	25348N07h	EGWO	49	7513,36991	3980,5142	[redacted]	2	A	AO7h	25348N07h	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6797,963696	2926,94063	[redacted]	25356N07f	EGWO	49	6848,696047	4007,7771	[redacted]	3	A	AO7f	25356N07f	EGWC					6,277.225	3,567.125		
8174,288448	4557,370531	[redacted]	25399N73h	EGWO	45	8677,083333	4835,37	[redacted]	2	N	N73h	25399N73h	EGWC	43	45	2	2	9,442.146	5,256.977	2.65	1.55
6695,863684	4102,65153	[redacted]	25410N02c	EGWO	32	8708,333333		[redacted]	1	A	AO2c	25410N02c	EGWC	43	45	2	11	9,442.146		2.65	10.15
7121,396384	4213,183899	[redacted]	25429N04f	EGWO		5637,931034	4013,3687	[redacted]	1	A	AO4f	25429N04f	EGWC					6,277.225	3,144.662		
7897,259995	4414,639683	[redacted]	25437N64c	EGWO	45	5845,405056	3157,988871	[redacted]	234	N	N64c	25437N64c	EGWC	40	44	4	5	6,277.225	3,144.662	4.75	5.45
4913,606061	3344,590517	[redacted]	25437N64d	EGWO	46	6015,766513	3186,118113	[redacted]	101	N	N64d	25437N64d	EGWC	42	45	3	6	6,277.225	3,144.662	4.75	5.45
7947,562904		[redacted]	25437N72c	EGWO	40	5056,587296	2966,73581	[redacted]	5	N	N72c	25437N72c	EGWC	38	40	2	2	4,694.765	3,144.662	2.65	1.55
5500	3777,719201	[redacted]	25445N61d	EGWO	49	4661,639198	2817,961794	[redacted]	3	N	N61d	25445N61d	EGWC	41	45	4		4,694.765	2,299.736	4.75	
7046,46134	4340,687252	[redacted]	25445N64c	EGWO	47	6769,74359	3640	[redacted]	2	N	N64c	25445N64c	EGWC	42	46	4	5	6,277.225		4.75	5.45
7103,097603	4473,02825	[redacted]	25453N62a	EGWO	34	4798,122066	2438,373333	[redacted]	3	N	N62a	25453N62a	EGWC	32	35	3	2	4,694.765	2,722.199	2.65	1.55
6720,960484	4164,140779	[redacted]	25453N62b	EGWO	40	6860,606061	3979,458626	[redacted]	3	N	N62b	25453N62b	EGWC	36	38	2	4	6,277.225	4,412.051	2.65	5.45
7603,801921	4517,408312	[redacted]	25453N64c	EGWO	47	5009,690141	2282,84	[redacted]	2	N	N64c	25453N64c	EGWC	42	46	4	5	4,694.765	3,144.662	4.75	5.45
6554,825205	4060,722127	[redacted]	25496K90d	EGWO	49	5268,211858	2297,540122	[redacted]	29	K	K90d	25496K90d	EGWC	49	49	0	0	4,694.765	2,722.199	0.33	1.55
6968,538211	3981,143389	[redacted]	25577N65c	EGWO	37	4444,044564	2563,297338	[redacted]	37	N	N65c	25577N65c	EGWC	38	36	2	1	4,694.765	2,722.199	1.55	2.35
4957,264957	3437,728429	[redacted]	25631N83a	EGWO	39	3374,126171	3300,494966	[redacted]	14	N	N83a	25631N83a	EGWC	33	34	1	6	4,694.765	3,567.125	0.33	3.45
8108,317554	4983,250552	[redacted]	25658K91c	EGWO	49	8532,608696	4553,14	[redacted]	1	K	K91c	25658K91c	EGWC	48	47	1	1	7,859.686	4,412.051	1.55	1.55
7970,293071	4562,513144	[redacted]	25712F84a	EGWO	33	4994,143351	3192,625896	[redacted]	50	F	F84a	25712F84a	EGWC	33	35	2	0	4,694.765	3,144.662	2.65	1.55
7276,311104		[redacted]	25724F94b	EGWO	33	4410,12048	3144,12048	[redacted]	14	F	F94b	25724F94b	EGWC	33	37	4	0	4,694.765	3,144.662	4.75	3.55
6664,013941	4284,651318	[redacted]	25720A07c	EGWO	49	9953,249557	4598,719768	[redacted]	5	A	AO7c	25720A07c	EGWC	49	49	0	0	9,442.146	4,412.051	0.55	1.55
6198,837763	3997,230643	[redacted]	25747N06f	EGWO	45	7710,60666	4681,398842	[redacted]	4	A	AO6f	25747N06f	EGWC	49	49	0	4	7,859.686	3,989.588	0.33	2.35
7632,155803	3810,197866	[redacted]	25763A06a	EGWO	45	7344,410654	4731,006175	[redacted]	4	A	AO6a	25763A06a	EGWC	49	49	0	4	7,859.686	3,567.125	0.55	2.35
7108,485944	4281,202203	[redacted]	25771A07c	EGWO	49	8804,877518	4095,457	[redacted]	11	A	AO7c	25771A07c	EGWC	49	49	0	0	9,442.146	3,989.588	0.55	1.55
6745,593022	4216,792142	[redacted]	25801N70b	EGWO	44	6073,007613	4523,591219	[redacted]	2	N	N70b	25801N70b	EGWC	38	41	3	6	6,277.225	3,567.125	2.65	3.45
4168,37433	2894,892783	[redacted]	25836K90d	EGWO	49	5718,577287	2419,36956	[redacted]	39	K	K90d	25836K90d	EGWC	48	49	1	1	6,277.225	2,722.199	0.55	1.55
4260,416667	3429,196434	[redacted]	25844F77b	EGWO	49	5089,506856	2498,023924	[redacted]	45	F	F77b	25844F77b	EGWC	45	47	2	4	4,694.765	2,722.199	2.65	5.45
3788,902911	2653,033986	[redacted]	25887E13b	EGWO		6829,256601	3712,628923	[redacted]	2	E	E13b	25887E13b	EGWC					6,277.225	3,567.125		
4460		[redacted]	25895A08b	EGWO	37	6917,062937	4280,0922	[redacted]	1	A	A08b	25895A08b	EGWC					6,277.225	3,567.125		
4815,929469	3397,939735	[redacted]	25909F88j	EGWO	29	4614,61289	2292,048151	[redacted]	3	F	F88j	25909F88j	EGWC	27	30	3	2	4,694.765	3,144.662	2.65	1.55
11214,28571		[redacted]	25976B10a	EGWO		3106,796117		[redacted]	1	B	B10a	25976B10a	EGWC					3,112.304			
5021,795478	2872,632849	[redacted]	25984A04g	EGWO		9007,345171	4059,305013	[redacted]	3	A	A04g	25984A04g	EGWC					9,442.146	3,989.588		
6785,830233	4153,386606	[redacted]	25984A04i	EGWO	44	7110,959997	3783,138512	[redacted]	4	A	A04i	25984A04i	EGWC	48	49	1	4	7,859.686	3,567.125	0.55	2.35
6517,299638	4029,500101	[redacted]	26018A04d	EGWO	49	7440,816719	3171,750574	[redacted]	8	A	A04d	26018A04d	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
5594,990667	2750,237304	[redacted]	26034A08a	EGWO	49	7516,172603	3688,576742	[redacted]	10	A	A08a	26034A08a	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
4207,928416	3761,194607	[redacted]	26042A08d	EGWO	49	9383,402053	3376,429344	[redacted]	10	A	A08d	26042A08d	EGWC	49	49	0	0	9,277.223	3,144.662	0.33	1.55
7518,134039	4233,06095	[redacted]	26050A04c	EGWO	42	7378,451852	4227,249708	[redacted]	34	A	A04c	26050A04c	EGWC	49	49	0	7	7,859.686	3,567.125	0.55	6.25
7718,497297	4625,418671	[redacted]	26077A07c	EGWO	49	9144,634381	4554,629381	[redacted]	11	A	A07c	26077A07c	EGWC	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7411,565887	4348,915806	[redacted]	26131A08a	EGWO	48	7673,421124	3971,300386	[redacted]	7	A	A08a	26131A08a	EGWC	49	49	0	1	7,859.686	3,567.125	0.33	2.35
6936,626881	4099,925547	[redacted]	26158A04d	EGWO	49	7011,930907	2904,101737	[redacted]	10	A	A04d	26158A04d	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4883,394383	2647,753889	[redacted]	26174A01d	EGWO	30	6240	4667,6743	[redacted]	1	A	A01d	26174A01d	EGWC	43	44	1	13	6,277.225	3,567.125	0.55	14.05
5861,757814	3950,634577	[redacted]	26182A03c	EGWO	49	8057,592593	4464,20075	[redacted]	2	A	A03c	26182A03c	EGWC	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7171,488728	4092,879859	[redacted]	26239A07f	EGWO	49	10618,42105	5360,372277	[redacted]	1	A	AO7f	26239A07f	EGWC					11,024.607	4,834.514		
7407,287284	4083,04073	[redacted]	26283A01c	EGWO		7625		[redacted]	1	A	AO1c	26283A01c	EGWC	39				7,859.686			
7603,695531	4179,016968	[redacted]	26298A01c	EGWO		5873,134328	4158,2279	[redacted]	1	A	AO1c	26298A01c	EGWC	39				6,277.225	3,567.125		
9384,008807	3569,190612	[redacted]	26298A01d	EGWO	30	4828,371429		[redacted]	1	A	AO1d	26298A01d	EGWC	43	44	1	13	4,694.765		0.55	14.05
7154,462821	4134,287837	[redacted]	26298A01g	EGWO		5785,714286	4181,7579	[redacted]	1	A	AO1g	26298A01g	EGWC					4,694.765	3,144.662		
7046,678636		[redacted]	26301N65b	EGWO	36	5212,611123	3360,592217	[redacted]	19	N	N65b	26301N65b	EGWC	32	37	5	4	4,694.765	3,144.662	4.75	5.45
7984,139978	4179,694457	[redacted]	26336A00c	EGWO	33	6918,638896	4413,780436	[redacted]	10	A	A00c	26336A00c	EGWC	44	48	4	11	6,277.225	3,989.588	4.75	10.15
5297,12934	3985,164876	[redacted]	26336A00e	EGWO	35	6906,728822	4308,691144	[redacted]	4	A	A00e	26336A00e	EGWC	44	46	2	9	6,277.225	3,567.125	2.65	10.15
6858,526777	4377,375379	[redacted]	26336A00h	EGWO	33	6794,054054	4051,764649	[redacted]	4	A	A00h	26336A00h	EGWC	44	45	2	11	6,777.375	3,144.662	2.65	10.15
7007,083162	4246,889092	[redacted]	26336A00i	EGWO	35	6204,942338	3977,502859	[redacted]	5	A	A00i	26336A00i	EGWC	39	41	2	4	6,277.225	3,567.125	2.65	2.35
5247,835498	3993,417783	[redacted]	26336A00c	EGWO	34	5397,424732	3554,464029	[redacted]	7	A	A00c	26336A00c	EGWC	44	47	3	10	4,694.765	3,144.662	2.65	10.15
6070,858562	4011,277754	[redacted]	26336D00d	EGWO	34	7182,801666	4454,155551	[redacted]	4	A	AO0d	26336D00d	EGWC	44	46	2	10	7,859.686	3,567.125	2.65	10.15
6233,595728	3888,606868	[redacted]	26360A00c	EGWO	33	5498,823529	3309,205151	[redacted]	3	A	A00c	26360A00c	EGWC	44	46	2	9	6,277.225		2.65	10.15
4907,800673		[redacted]	26417M29b	EGWO		5000	3272,8363	[redacted]	1	M	M29b	26417M29b	EGWC					4,694.765			
4290,236025	2625,626121	[redacted]	26476K52g	EGWO	49	6350,611688	2511,447083	[redacted]	12	K	K52g	26476K52g	EGWC	49	49	0	0	6,277.225	3,144.662	0.33	1.55
4109,378286	3369,419728	[redacted]	26484K90	EGWO	49	9042,338202	2383,030379	[redacted]	15	K	K90	26484K90	EGWC	48	48	0	1	4,694.765	2,722.199	0.33	1.55
8065,904139	3421,660701	[redacted]	26549K48b	EGWO	49	10473,10127	2364,6911	[redacted]	2	K	K48b	26549K48b	EGWC					11,024.607			
6274,309804	3795,762236	[redacted]	26565K48D	EGWO	49	11080,837	2873,69821	[redacted]	1	K	K48D	26565K48D	EGWC					11,024.607	3,989.588		
7448,585713	4245,355273	[redacted]	26565K49c	EGWO	49	10177,71883	2348,3173	[redacted]	1	K	K49c	26565K49c	EGWC	49	49	0	0	9,442.146		0.55	1.55
6287,811321	4048,492114	[redacted]	26573K48h	EGWO	49	11014,5306	2657,47615	[redacted]	4	K	K48h	26573K48h	EGWC					11,024.607	3,989.588		
6364,981116	4224,8164	[redacted]	26646M57a	EGWO	49	6236,842105	2969,3	[redacted]	6	M	M57a	26646M57a	EGWC	47	47	0	2	6,277.225	3,144.662	0.33	1.55
7173,305705	4369,926927	[redacted]	26689M57a	EGWO	49	7564,116129		[redacted]	6	M	M57a	26689M57a	EGWC	44	47	3	5	7,859.686		2.65	5.45
6932,645234	4136,129561	[redacted]	26727P80c	EGWO	31	5822,691308	3832,489489	[redacted]	4	F	F80c	26727P80c	EGWC		32			6,277.225	3,989.588		
5274,900398		[redacted]	26743M33b	EGWO	49	4266,666667	2383,5874	[redacted]	1	M	M33b	26743M33b	EGWC	48	47	-1	1	4,694.765	2,299.736	1.55	1.55
6276,262497	4365,857821	[redacted]	26778N09d	EGWO		7056,823182	4805,7646	[redacted]	1	A	AO9d	26778N09d	EGWC					6,277.225	3,989.588		
4017,505186	2742,190889	[redacted]	26808K09d	EGWO		7848,160771	3177,6902	[redacted]	13	A	AO9d	26808K09d	EGWC					7,859.686	3,567.125		
3791,921296	3344,727069	[redacted]	26816M56h	EGWO		4440	3714,2738	[redacted]	1	M	M56h	26816M56h	EGWC					4,694.765	3,144.662		
7772,451421	4274,28763	[redacted]	26816M56i	EGWO		9872,110526	5016,403265	[redacted]	2	M	M56i	26816M56i	EGWC					9,442.146	4,834.514		
6746,345429	3914,265312	[redacted]	26859M28c	EGWO	47	6295,111809	3332,905701	[redacted]	13	M	M28c	26859M28c	EGWC		49			6,277.225	3,144.662		
3989,583333	3422,387647	[redacted]	26875M29c	EGWO	49	8074,281609	4720,962	[redacted]	2	M	M29c	26875M29c	EGWC	49	49	0	0	7,859.686	4,412.051	0.55	1.55
3852,060424	3598,588268	[redacted]	26883N62b	EGWO	37	5703,125	3539,138587	[redacted]	16	N	N62b	26883N62b	EGWC	33	33	0	4	6,277.225	3,989.588	0.55	5.45
7166,315702	3918,411093	[redacted]	26913N66b	EGWO	22	4593,217016	3270,808671	[redacted]	76	N	N66b	26913N66b	EGWC		29			4,694.765	3,144.662		
7119,358468	4175,190266	[redacted]	26913N66c	EGWO		6935,897436	3729,23	[redacted]	1	N	N66c	26913N66c	EGWC					4,694.765	3,144.662		
4015,154344	3619,86028	[redacted]	26921F83a	EGWO	31	3928,884897	2683,253604	[redacted]	18	F	F83a	26921F83a	EGWC	31	33	2	0	4,694.765	2,722.199	2.65	1.55
4340,379065	3358,236675	[redacted]	26964K91c	EGWO	49	5648,158739	2692,453736	[redacted]	19	K	K91c	26964K91c	EGWC	49	49	0	0	6,277.225	2,722.199	0.33	1.55
4570,841654	3541,874722	[redacted]	26972K46c	EGWO		10597,01307	3142,448667	[redacted]	28	K	K46c	26972K46c	EGWC					11,024.607			
7825,65639	4265,697338	[redacted]	27030N65b	EGWO	33	4887,126456	3406,004185	[redacted]	4	N	N65b	27030N65b	EGWC	28	32	4	5	4,694.765	3,567.125	4.75	5.45
7075,115732	4225,812425	[redacted]	27049N65b	EGWO	32	4915,982272	3361,433327	[redacted]	19	N	N65b	27049N65b	EGWC	26	30	4	6	4,694.765	3,567.125	4.75	5.45
7312,08161	4172,765792	[redacted]	27081F82b	EGWO	43	4289,734751	2995,697252	[redacted]	27	F	F82b	27081F82b	EGWC	36	40	4	7	4,694.765	2,722.199	4.75	5.45
6113,639977	2796,196923	[redacted]	27138F80b	EGWO	21	4440,667602	3416,969571	[redacted]	135	F	F80b	27138F80b	EGWC	23	28	3	4	4,694.765	3,144.662	2.65	2.35
6962,520462	4037,612661	[redacted]	27138F82a	EGWO	42	6204,819277	4546,77	[redacted]	1	F	F82a	27138F82a	EGWC	36	39	3	6	6,277.225	4,412.051	2.65	5.45
4809,855322	3639,795747	[redacted]	27138F84c	EGWO	33	4817,434532	3537,999838	[redacted]	9	F	F84c	27138F84c	EGWC	28	36	8	5	4,694.765	3,144.662	8.95	5.45
6655,811012	4092,149112	[redacted]	27138F88j	EGWO	31	4508,149172	3018,385822	[redacted]	73	F	F88j	27138F88j	EGWC	26	30	4	5	4,694.765	3,144.662	4.75	5.45
8537,859622	3854,768002	[redacted]	27162M55h	EGWO	49	6602,91803	2811,250074	[redacted]	8	M	M55h	27162M55h	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6950,291556	4256,115854	[redacted]	27170N62b	EGWO	35	5554,879282	3596,943568	[redacted]	32	N	N62b	27170N62b	EGWC	36	35	-1	-1	6,277.225	3,567.125	1.55	2.35
5778,421139	3454,33234	[redacted]	27197K91c	EGWO	49	8843,396774	4022,881634	[redacted]	4	K	K91c	27197K91c	EGWC	48	47	1	1	9,442.146	3,989.588	1.33	1.55
8487,211851	3354,771647	[redacted]	27227K90c	EGWO	49	6128,460395	2668,429006	[redacted]	19	K	K90c	27227K90c	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
9138,890615	3512,951466	[redacted]	27235K90d	EGWO	48	4861,824496	2353,766518	[redacted]	19	K	K90d	27235K90d	EGWC	44	42	-2	4	4,694.765	2,722.199	1.55	5.45
3827,833572	2808,370294	[redacted]	27243A01c	EGWO		7100		[redacted]	1	A	AO1c	27243A01c	EGWC	39				6,277.225	4,412.051		
3928,113314	3438,562903	[redacted]	27294A07b	EGWO	49	8672,37511	4476,91555	[redacted]	3	A	AO7b	27294A07b	EGWC	49	49	0	0	9,442.146	4,412.051	0.55	1.55
7043,872929	4097,380309	[redacted]	27308A06g	EGWO	43	6597,611648	4109,3867	[redacted]	3	A	A06g	27308A06g	EGWC	49	49	0	4	6,277.225	3,567.125	0.33	2.35
4107,458913	2600,33025	[redacted]	27316F83a	EGWO	29	3994,010589	2842,87365	[redacted]	26	F	F83a	27316F83a	EGWC	28	31	3	1	4,694.765	2,722.199	2.65	1.55
3044,086235	3512,197355	[redacted]	27367A01d	EGWO	30	6648,717949	4955,38	[redacted]	2	A	AO1d	27367A01d	EGWC	43	44	1	13	6,277.225	4,412.051	0.33	14.05
4670,886076	3477,403501	[redacted]	27375A02c	EGWO	49	12728,75494		[redacted]	2	A	AO2c	27375A02c	EGWC	49	49	0	0	12,607.867		0.55	1.55
4885,834027	2749,909354	[redacted]	27391A04d	EGWO	43	7553,820025	4294,747	[redacted]	7	A	A04d	27391A04d	EGWC	49	49	0	6	7,859.686	3,567.125	0.55	6.25
4618,99967	3619,717477	[redacted]	27405A00a	EGWO	32	5146,067416		[redacted]	1	A	A00a	27405A00a	EGWC	43	45	2	11	4,694.765		2.65	10.15
8192,857143		[redacted]	27421A00b	EGWO	30	6555,540891	4777,0016	[redacted]	5	A	A00b	27421A00b	EGWC	39	41	2	9	6,277.225	3,989.588	2.65	10.15
6265,827785	4077,778534	[redacted]	27499N04d	EGWO	48	6850,495827	3242,395125	[redacted]	5	A	A04d	27499N04d	EGWC	49	49	0	1	6,277.225	3,144.662	0.55	2.35
3909,837635	3293,233869	[redacted]	27499N04e	EGWO	41	9850,921788	3986,0059	[redacted]	1	A	A04e	27499N04e	EGWC	47	48	1	6	6,277.225	3,567.125	0.33	6.25
12961,74731		[redacted]	27618K90d	EGWO	49	4791,187608	2325,775338	[redacted]	19	K	K90d	27618K90d	EGWC	43	42	1	6	4,694.765	2,722.199	1.55	5.45
7632,155803	7616,916306

6360.927316	4214.746451	[redacted]	28371N65c	EGWO	33	4781	3225.218664	[redacted]	25	N	N65c	28371N65c	EGWO	29	33	4	4	4,694.765	3,144.662	4.75	5.45
3939.92963	2850.146828	[redacted]	28401K59s	EGWO	49	11484.84848	3475.2965	[redacted]	1	K	K59s	28401K59s	EGWO	49	49	0	0	11,024.607	4,412.051	0.55	1.55
4431.822271	3004.599344	[redacted]	28469P780	EGWO	29	4122.638291	2749.229761	[redacted]	42	F	P780	28469P780	EGWO	25	31	5	1	4,694.765	2,722.199	2.65	1.55
4468.880863	4116.418542	[redacted]	28533R78b	EGWO	30	4180.716854	2879.277182	[redacted]	21	F	R78b	28533R78b	EGWO	28	31	3	2	4,694.765	2,722.199	2.65	1.55
6052.824166	4302.359805	[redacted]	28606R86g	EGWO	39	4021.434902	2511.35	[redacted]	9	F	R86g	28606R86g	EGWO	33	35	3	6	3,112.304	2,722.199	2.65	5.45
4161.729969	2866.198819	[redacted]	28622R81c	EGWO	23	3977.474359	3081.086941	[redacted]	35	F	R81c	28622R81c	EGWO	27	26	-1	-4	4,694.765	3,144.662	1.55	2.35
4177.130568		[redacted]	28657R85b	EGWO	44	4460.828824	2484.278438	[redacted]	26	F	R85b	28657R85b	EGWO	38	40	2	6	4,694.765	2,722.199	2.65	5.45
6721.507869	4141.357716	[redacted]	28673R81c	EGWO	26	3579.451521	2621.705684	[redacted]	65	F	R81c	28673R81c	EGWO	26	27	1	0	3,112.304	2,722.199	0.55	1.55
8519.124395	3438.423643	[redacted]	28673F82d	EGWO	42	3818.791546		[redacted]	1	F	F82d	28673F82d	EGWO	34	38	4	8	3,112.304		4.75	9.35
7036.764543	4173.687525	[redacted]	28681K47s	EGWO	49	10214.59822	2374.51855	[redacted]	4	K	K47s	28681K47s	EGWO					9,442.146	3,567.125		
7072.330436	4115.961439	[redacted]	28711A003	EGWO	34	7011.688723	4638.672681	[redacted]	5	A	A003	28711A003	EGWO	42	44	2	8	6,277.223	3,989.588	2.65	6.25
6246.914991	4061.128695	[redacted]	28789A07h	EGWO	49	7671.656027	3399.5186	[redacted]	2	A	A07h	28789A07h	EGWO	49	49	0	0	7,859.686		0.55	1.55
6081.848003	3823.220014	[redacted]	28797R78d	EGWO	31	4111.284958	2872.54743	[redacted]	111	F	R78d	28797R78d	EGWO	29	31	2	2	4,694.765	2,722.199	2.65	1.55
6218.890829	3839.068903	[redacted]	28819R78d	EGWO	33	3856.916572	2487.970018	[redacted]	13	F	R78d	28819R78d	EGWO	28	33	5	5	3,112.304	2,722.199	4.75	3.43
6100.771181	4052.369178	[redacted]	28908N70b	EGWO	39	8017.747119	2577.0425	[redacted]	32	N	N70b	28908N70b	EGWO	33	36	3	6	4,694.765	2,722.199	2.65	5.45
6303.369801	3750.481902	[redacted]	28924N60c	EGWO	37	5344.403742	3348.789707	[redacted]	43	N	N60c	28924N60c	EGWO	34	35	2	3	4,694.765	3,567.125	2.65	1.55
4470	3396.833956	[redacted]	28932R81c	EGWO	28	3901.888824	2790.378253	[redacted]	23	F	R81c	28932R81c	EGWO	28	30	2	0	3,112.304	2,722.199	2.65	1.55
7122.27156	4134.029754	[redacted]	28967N65b	EGWO	30	6866.682864	3391.038335	[redacted]	22	N	N65b	28967N65b	EGWO	26	28	4	6	4,694.765	3,567.125	4.75	5.45
3965.952986	2486.576508	[redacted]	28975N65b	EGWO	32	5386.009383	3671.795479	[redacted]	8	N	N65b	28975N65b	EGWO	24	29	5	8	4,694.765	3,989.588	4.75	9.35
4638.941623	3690.549157	[redacted]	29009A08d	EGWO	42	5897.637795	4417.5822	[redacted]	1	A	A08d	29009A08d	EGWO	49	49	0	-7	6,277.225	3,567.125	0.55	6.25
4150.27305	2717.605916	[redacted]	29017A08d	EGWO	47	7187.269769	3528.438669	[redacted]	5	A	A08d	29017A08d	EGWO	49	49	0	-2	7,859.686	3,567.125	0.55	2.35
7134.280909		[redacted]	29023A08d	EGWO	40	5124.873736	3684.832257	[redacted]	16	A	A08d	29023A08d	EGWO	49	49	0	-9	6,277.223	3,144.662	0.55	10.13
3908.864521	3342.352251	[redacted]	29033A08d	EGWO	43	7098.838161	4012.051333	[redacted]	19	A	A08d	29033A08d	EGWO	49	49	0	-6	7,859.686	3,567.125	0.55	6.25
3981.459269	3340.718599	[redacted]	29041A08d	EGWO	42	6336.130821	3792.447733	[redacted]	3	A	A08d	29041A08d	EGWO	49	49	0	-7	6,277.225	3,989.588	0.55	6.25
9582.195122	4910.179473	[redacted]	29068A08d	EGWO	46	6587.437115	3340.99113	[redacted]	6	A	A08d	29068A08d	EGWO	49	49	0	-3	6,277.223	3,144.662	0.55	2.33
7449.233332	4519.602142	[redacted]	29084F77f	EGWO	36	4429.714789	2825.543247	[redacted]	24	F	F77f	29084F77f	EGWO	31	34	3	5	4,694.765	2,722.199	2.65	5.45
7867.941441	4584.562277	[redacted]	29106N65b	EGWO	34	4860.148913	3220.675779	[redacted]	23	N	N65b	29106N65b	EGWO	29	33	4	5	4,694.765	3,144.662	4.75	5.45
7431.378111	4436.710233	[redacted]	29114N63b	EGWO	31	4813.436373	3319.097706	[redacted]	27	N	N63b	29114N63b	EGWO	28	31	3	3	4,694.765	3,144.662	2.65	1.55
4479.69672	3153.565104	[redacted]	29148M57b	EGWO	49	6778.687151	3171.563465	[redacted]	48	M	M57b	29148M57b	EGWO	46	49	3	3	6,277.225	3,567.125	2.65	1.55
6960.416667		[redacted]	29165N65b	EGWO	25	3848.577236	2899.656667	[redacted]	12	N	N65b	29165N65b	EGWO	19	27	8	6	3,112.304	2,722.199	8.95	5.43
4168.112442	2609.3174	[redacted]	29203F87c	EGWO		3823.529412	2313.62	[redacted]	1	F	F87c	29203F87c	EGWO					3,112.304	2,299.736		
7898.006013	4315.577515	[redacted]	29300N65c	EGWO	33	4801.304879	3230.159956	[redacted]	44	N	N65c	29300N65c	EGWO	29	32	3	4	4,694.765	3,144.662	2.65	5.45
6204.477433	4239.715631	[redacted]	29327N65b	EGWO	32	5142.814117	3486.390512	[redacted]	22	N	N65b	29327N65b	EGWO	27	31	4	5	4,694.765	3,567.125	4.75	5.45
5406.613865	3306.313089	[redacted]	29335N73g	EGWO	32	4601.111111	3631.185	[redacted]	2	N	N73g	29335N73g	EGWO	35	37	2	-3	4,694.765	3,144.662	2.65	2.35
4937.307674	3465.101702	[redacted]	29343M23c	EGWO	46	7634.249084		[redacted]	14	M	M23c	29343M23c	EGWO		49			7,859.686			
4862.251656		[redacted]	29343M28d	EGWO		7115.384615		[redacted]	8	M	M28d	29343M28d	EGWO					7,859.686			
4600.340031	2629.823546	[redacted]	29416F86g	EGWO	44	3793.814433		[redacted]	1	F	F86g	29416F86g	EGWO	38	41	3	6	3,112.304		2.65	5.45
4146.203444	3623.490727	[redacted]	29556N21b	EGWO	24	6741.179471	4840.2961	[redacted]	1	A	A21b	29556N21b	EGWO	38	43	5	14	6,277.225	3,989.588	4.75	14.05
5079.487179	3385.133913	[redacted]	29556N40b	EGWO	36	6080.09888	3850.7779	[redacted]	2	A	A040	29556N40b	EGWO	45	46	1	-9	6,277.223	3,144.662	0.55	10.13
3308.89704		[redacted]	29556A04c	EGWO	39	6820.3125	4409.7871	[redacted]	1	A	A04c	29556A04c	EGWO	48	49	1	-9	6,277.225	3,567.125	0.55	10.15
6821.71044	3788.674842	[redacted]	29580K46c	EGWO		10969.33346	3359.117058	[redacted]	21	K	K46c	29580K46c	EGWO					11,024.607			
5350.913995	3890.622637	[redacted]	29610A05d	EGWO	49	8562.271622	3481.938944	[redacted]	19	A	A05d	29610A05d	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
5922.48062	3346.498197	[redacted]	29629A02b	EGWO	49	7904.138098	3524.532556	[redacted]	10	A	A02b	29629A02b	EGWO	49	49	0	0	7,859.686		0.55	1.55
5904.652791	3079.965183	[redacted]	29629M22b	EGWO	49	8055.483869	3673.976329	[redacted]	4	A	A22b	29629M22b	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
5209.700772	3461.10678	[redacted]	29629M22c	EGWO	49	9400.161863	4258.212287	[redacted]	11	A	A22c	29629M22c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7705.02978	4475.779251	[redacted]	29629M23d	EGWO	49	8334.947526	4084.92034	[redacted]	10	A	A23d	29629M23d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7436.180739	4462.761979	[redacted]	29629M23a	EGWO	49	9386.282327	4073.368733	[redacted]	6	A	A23a	29629M23a	EGWO	49	49	0	0	9,442.146	3,989.588		
6632.953912	4173.744168	[redacted]	29629M23c	EGWO	49	10167.28231	4218.454028	[redacted]	45	A	A23c	29629M23c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
3676.278616	3430.228711	[redacted]	29629M23d	EGWO	49	8922.001365	3802.631755	[redacted]	13	A	A23d	29629M23d	EGWO					9,442.146	3,989.588		
4104.691907	2608.284021	[redacted]	29629M23g	EGWO	49	7372.406111	3348.88859	[redacted]	2	A	A23g	29629M23g	EGWO	49	49	0	0	7,859.686		0.55	1.55
6162.737037	4127.487487	[redacted]	29629A06c	EGWO	49	9984.259053	3885.261821	[redacted]	5	A	A06c	29629A06c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6733.962036	4188.947027	[redacted]	29629A06g	EGWO	45	7369.332514	4540.379413	[redacted]	3	A	A06g	29629A06g	EGWO	49	49	0	-4	7,859.686	3,567.125	0.55	2.35
5573.614707	3993.203909	[redacted]	29629A06h	EGWO	44	7775.214676	4023.686766	[redacted]	2	A	A06h	29629A06h	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	6.25
3939.857715	2773.540268	[redacted]	29629A06k	EGWO	45	8697.048866	5003.178706	[redacted]	2	A	A06k	29629A06k	EGWO	49	49	0	-4	9,442.146	4,412.051	0.55	2.35
4030.434651	2848.931281	[redacted]	29629A06l	EGWO	43	8549.626281	4726.230191	[redacted]	12	A	A06l	29629A06l	EGWO	49	49	0	-4	7,859.686	3,989.588	0.55	2.33
4475.115176	3062.449892	[redacted]	29629M27c	EGWO	49	8547.273097	3634.588487	[redacted]	7	A	A27c	29629M27c	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7048.853395	4215.059822	[redacted]	29629A07c	EGWO	49	9772.856938	4222.975931	[redacted]	35	A	A07c	29629A07c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
4891.222752	3652.953763	[redacted]	29629M27g	EGWO	49	8866.183643	3740.105288	[redacted]	9	A	A27g	29629M27g	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7116.225416	4172.924852	[redacted]	29617A00c	EGWO	33	7262.372818	4829.141975	[redacted]	6	A	A00c	29617A00c	EGWO	41	43	2	8	7,859.686	3,989.588	2.65	6.25
3946.826491	2731.080333	[redacted]	29688R39b	EGWO	49	12688.52409	5600.2502	[redacted]	1	K	K39b	29688R39b	EGWO	49	49	0	0	9,442.146	4,834.514	0.55	1.55
4765.384615	3925.826274	[redacted]	29716K39s	EGWO	49	9981.256795	2883.844858	[redacted]	15	K	K39s	29716K39s	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
8288.549863	3978.035758	[redacted]	29759K59b	EGWO	49	9568.99348	3601.945618	[redacted]	34	K	K59b	29759K59b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7861.24346	4646.431249	[redacted]	29823F78a	EGWO	41	5713.807283	3378.64977	[redacted]	6	F	F78a	29823F78a	EGWO	31	36	5	10	6,277.223	3,144.662	4.75	9.33
7915.877383	3769.236898	[redacted]	29858F81c	EGWO	33	3923.439637	2511.581466	[redacted]	77	F	F81c	29858F81c	EGWO	32	34	2	1	4,694.765	2,722.199	2.65	1.55
7836.280792	4526.148122	[redacted]	29874A08b	EGWO	37	5106	3316.6947	[redacted]	1	A	A08b	29874A08b	EGWO					4,694.765			
7429.606394	3771.770972	[redacted]	29904T94j	EGWO	23	4073.666233	4073.78	[redacted]	2	T	T94j	29904T94j	EGWO	26	29	3	-1	4,694.763	3,144.662	2.63	2.33
7707.239384	4517.80839	[redacted]	29904T95c	EGWO	13	3982.918533	3520.134	[redacted]	6	T	T95c	29904T95c	EGWO	14	20	6	-1	4,694.765	3,144.662	6.85	2.35
5232.132357	3678.048038	[redacted]	29912N65c	EGWO	34	4782.192245	3166.958124	[redacted]	58	N	N65c	29912N65c	EGWO	30	33	3	4	4,694.765	3,144.662	2.65	5.45
7282.028426	4521.528088	[redacted]	29963N62b	EGWO	40	7091.828954	4091.371109	[redacted]	14	N	N62b	29963N62b	EGWO	41	43	2	-1	7,859.686	3,989.588	2.63	2.33
5329.785437	3930.929234	[redacted]	29998M56a	EGWO	49	7927.350427	3895.27281	[redacted]	1	M	M56a	29998M56a	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
5487.055943	3985.177039	[redacted]	29998M56b	EGWO	49	6464.820891	3142.54535	[redacted]	2	M	M56b	29998M56b	EGWO	49	49	0	0	6,277.225		0.55	1.55
6077.274562	4191.377403	[redacted]	30090A04h	EGWO	42	7522.423025	4769.845891	[redacted]	3	A	A04h	30090A04h	EGWO	48	49	1	6	7,859.686	3,989.588	0.55	6.25
4306.57822	4037.4253	[redacted]	30120A06h	EGWO	44	7542.742743	4151.46805	[redacted]	2	A	A06h	30120A06h	EGWO	49	49	0	-5	7,859.686	3,567.125	0.55	6.25
6789.45121	3952.227273	[redacted]	30129F80b	EGWO	16	4486.761221	3781.134	[redacted]	6	F	F80b	30129F80b	EGWO	24	28	4	8	4,694.763	3,144.662	4.73	9.23
6518.541196	4167.885711	[redacted]	30171N70b	EGWO	49	5190.769231	2626.471151	[redacted]	13	N	N70b	30171N70b	EGWO	39	46	7	10	4,694.765	2,722.199	6.85	9.35
5768.551419	3932.204064	[redacted]	30198M56c	EGWO	49	7015.137521	2778.960095	[redacted]	10	M	M56c	30198M56c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
3157.130415	3288.864903	[redacted]	30198M56d	EGWO		10353.53356		[redacted]	1	M	M56d	30198M56d	EGWO					11,024.607			
4701.492537	2558.519861	[redacted]	30228N60s	EGWO	40	5974.905388	3593.966175	[redacted]	19	N	N60s	30228N60s	EGWO	35	36	1	5	6,277.225	3,989.588	0.55	5.45

4874.804461	3662.849851	[redacted]	30236A04c	EGWO	38	6971.436211	4330.921702	[redacted]	5	A	A04c	30236A04c	EGWO	48	49	1	10	6,277.225	3,989.588	0.55	10.15
7221.943282	3578.743732	[redacted]	30260K49c	EGWO	49	10827.41129	2510.54419	[redacted]	27	K	K49c	30260K49c	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
7635.335117	4543.341137	[redacted]	30279K49d	EGWO	49	9814.870895	3417.806439	[redacted]	5	K	K49d	30279K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7933.935031	3660.549549	[redacted]	30295A05d	EGWO	49	7055.330336	3882.0543	[redacted]	1	A	A05d	30295A05d	EGWO	49	49	0	0	6,277.223	3,567.125	0.55	1.55
7538.701475	4505.614664	[redacted]	30309M55g	EGWO	49	6437.954832	3084.549963	[redacted]	35	M	M55g	30309M55g	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6085.409854	3980.267655	[redacted]	30317A04d	EGWO	48	6862.211367	3670.1794	[redacted]	4	A	A04d	30317A04d	EGWO	49	49	0	-1	6,277.225	3,144.662	0.55	2.35
6288.274147	4181.899436	[redacted]	30317A04c	EGWO	41	6961.660253	3962.802323	[redacted]	3	A	A04c	30317A04c	EGWO	47	48	1	-6	6,277.225	3,567.125	0.55	6.25
5378.947368	3616.790926	[redacted]	30384A03c	EGWO	49	9284.7099	4140.052308	[redacted]	23	A	A03c	30384A03c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
4601.781995	2701.440528	[redacted]	30384A03d	EGWO	49	9160.644929	3767.517211	[redacted]	9	A	A03d	30384A03d	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7198.732309	4279.392814	[redacted]	30384A07c	EGWO	49	9500.153623	4250.479007	[redacted]	8	A	A07c	30384A07c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
3580.24935	2627.314483	[redacted]	30384A07g	EGWO	49	9127.081836	4419.30223	[redacted]	10	A	A07g	30384A07g	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
3760.82067	3222.972993	[redacted]	30384A07h	EGWO	49	8256	3936.01861	[redacted]	1	A	A07h	30384A07h	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
4447.120153	2787.872754	[redacted]	30430E21b	EGWO	49	7627.871922	3411.1715	[redacted]	3	E	E21b	30430E21b	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
4646.986024	2745.961117	[redacted]	30448K47c	EGWO	49	11822.99987	2677.48982	[redacted]	11	K	K47c	30448K47c	EGWO	49	49	0	0	12,607.867	3,989.588	0.55	1.55
8098.148749	4129.879972	[redacted]	30457K90c	EGWO	49	9251.677852	2871.7	[redacted]	1	K	K90c	30457K90c	EGWO	48	48	0	1	6,277.223		0.55	1.55
10021.73913		[redacted]	30457R91c	EGWO	49	5399.248033	2429.661649	[redacted]	17	K	R91c	30457R91c	EGWO	47	47	0	2	4,694.765	2,722.199	0.55	1.55
7612.888087		[redacted]	30465F82a	EGWO	40	4205.405571	2552.398122	[redacted]	14	F	R82a	30465R82a	EGWO	35	37	2	5	4,694.765	2,722.199	2.65	5.45
11283.66762		[redacted]	30562M29b	EGWO		5909.722222	2302.7378	[redacted]	1	M	M29b	30562M29b	EGWO					6,277.223	2,722.199		
7349.763157	4073.513286	[redacted]	30740N60b	EGWO	42	4838.803197	2510.859973	[redacted]	4	N	N60b	30740N60b	EGWO	38	41	3	4	4,694.765	2,722.199	2.65	5.45
10394.81353	4395.69235	[redacted]	30767K49s	EGWO	49	10697.78458	2832.614801	[redacted]	13	K	K49s	30767K49s	EGWO	49	49	0	0	11,024.607	3,989.588		
8251.317345	4321.905748	[redacted]	30864N61b	EGWO	46	4750	3222.824633	[redacted]	1	N	N61b	30864N61b	EGWO	40	43	3	6	4,694.765	3,144.662	2.65	5.43
3094.152217	3258.113726	[redacted]	30880N65b	EGWO	32	5027.573547	5417.916048	[redacted]	19	N	N65b	30880N65b	EGWO	25	30	5	-7	4,694.765	3,567.125	4.75	5.45
6783.660111	4146.58619	[redacted]	30917F83a	EGWO	28	3927.88552	2846.06678	[redacted]	26	F	R83a	30917F83a	EGWO	26	29	2	2	4,694.765	2,722.199	2.65	1.55
6523.354908	4144.290879	[redacted]	30945F83a	EGWO	27	3871.764968	2843.293362	[redacted]	25	F	R83a	30945F83a	EGWO	26	29	3	3	3,112.304	2,722.199	2.65	1.55
5505.747126	3862.478926	[redacted]	30961M55b	EGWO	47	7711.644841	4106.367166	[redacted]	7	M	M55b	30961M55b	EGWO	48	49	1	-1	7,859.686	3,567.125	0.55	2.35
6958.439459	4267.885661	[redacted]	30961M55d	EGWO	49	9727.217662	2970.173873	[redacted]	17	M	M55d	30961M55d	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4820.379676	3067.245278	[redacted]	31038F76a	EGWO	41	6346.059865	2421.842172	[redacted]	6	F	F76a	31038F76a	EGWO	36	40	4	5	4,694.765	2,722.199	4.75	5.45
5180.144338	3331.983561	[redacted]	31062M55h	EGWO	49	6282.460402	3420.311912	[redacted]	6	M	M55h	31062M55h	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5693.904624	4039.238729	[redacted]	31089K26a	EGWO	49	8152.260268	3324.279033	[redacted]	6	K	K26a	31089K26a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
5281.701789	4133.857148	[redacted]	31113N69s	EGWO	46	5420.273277	2906.758616	[redacted]	15	N	N69s	31113N69s	EGWO	44	46	2	2	4,694.765	2,722.199	2.65	1.55
4230.79533	4230.811306	[redacted]	31134E22a	EGWO		8500.774121		[redacted]	3	E	E22a	31134E22a	EGWO					9,442.146			
5635.683687	4095.982453	[redacted]	31240K91c	EGWO	49	5751.309431	2707.661237	[redacted]	20	K	K91c	31240K91c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5017.214139	3713.813001	[redacted]	31283A02c	EGWO	49	8556.390877	4366.7111	[redacted]	1	A	A02c	31283A02c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
4961.298033	3711.848951	[redacted]	31291M50h	EGWO	49	6251.411729	2634.690393	[redacted]	3	M	M50h	31291M50h	EGWO	49	49	0	0	6,277.225	2,722.199		
6110.415454	4153.470399	[redacted]	31305A02a	EGWO	46	7965.104448	4451.030618	[redacted]	6	A	A02a	31305A02a	EGWO	49	49	0	-3	7,859.686	3,989.588	0.55	2.35
6151.060559	2945.678338	[redacted]	31413A06c	EGWO	44	8950.558214	5040.27947	[redacted]	2	A	A06c	31413A06c	EGWO	49	49	0	-5	9,442.146	4,412.051	0.55	6.25
5571.58282	3977.835037	[redacted]	31413A06f	EGWO		12967.2425	3435.46657	[redacted]	2	A	A06f	31413A06f	EGWO					11,024.607			
6161.822261	4094.576852	[redacted]	31461A06g	EGWO	46	7181.668413	3871.418676	[redacted]	8	A	A06g	31461A06g	EGWO	49	49	0	-3	7,859.686	3,567.125	0.55	2.35
4741.991666	3828.674302	[redacted]	31496K49c	EGWO	49	16563.21839	5124.6943	[redacted]	1	K	K49c	31496K49c	EGWO	49	49	0	0	15,771.988	6,101.903	0.55	1.55
4944.372939	3147.212152	[redacted]	31496K49f	EGWO	49	11128.18973	2393.513002	[redacted]	9	K	K49f	31496K49f	EGWO	49	49	0	0	11,024.607	3,989.588	0.55	1.55
6265.862968	3984.778214	[redacted]	31518F77f	EGWO	28	4314.099164	3184.176266	[redacted]	36	F	F77f	31518F77f	EGWO	25	28	3	3	4,694.765	3,144.662	2.65	1.55
4878.086845	2874.140789	[redacted]	31526M55b	EGWO	49	8195.614035	4605.177506	[redacted]	4	M	M55b	31526M55b	EGWO	47	49	2	2	7,859.686	4,412.051	2.65	1.55
9210.722477	3500.713503	[redacted]	31542A02c	EGWO	49	8234.042553	4742.477	[redacted]	2	A	A02c	31542A02c	EGWO	49	49	0	0	7,859.686	4,412.051	0.55	1.55
5877.260679	3839.780315	[redacted]	31542A02d	EGWO	49	7927.835052	4702.1938	[redacted]	1	A	A02d	31542A02d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
3498.743791	3289.186119	[redacted]	31630M00c	EGWO	35	3885.180428	3899.07899	[redacted]	2	A	A00c	31630M00c	EGWO	44	46	2	-9	6,277.225	3,144.662	2.63	10.13
4120.011567		[redacted]	31569K25a	EGWO	43	6700	3955.5863	[redacted]	1	K	K25a	31569K25a	EGWO	46	48	2	-3	6,277.225	3,567.125	2.65	2.35
7282.417395	4399.969142	[redacted]	31577K25a	EGWO	44	6927.7075	3840.38075	[redacted]	6	K	K25a	31577K25a	EGWO	47	49	2	-3	6,277.225	3,567.125	2.65	2.35
3587.262937	2822.200725	[redacted]	31613K24c	EGWO	47	8448.630137	4111.469567	[redacted]	1	K	K24c	31613K24c	EGWO					7,859.686			
6733.465436	4141.715562	[redacted]	31613K24d	EGWO		6104.545455	3474.555	[redacted]	1	K	K24d	31613K24d	EGWO					6,277.225	3,144.662		
6163.944656	3246.914077	[redacted]	31690A04h	EGWO	43	7651.376147	4570.1436	[redacted]	1	A	A04h	31690A04h	EGWO	48	49	1	4	7,859.686	3,989.588	0.55	6.25
6282.190373	4024.585577	[

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5069.354278	3259.404345	[redacted]	32522f49b	EGWO	49	9916.978023	1442.250688	[redacted]	14 K	6498	32522f49b	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
5838.8623	4000.455525	[redacted]	32549N65a	EGWO	29	3862.244133	2673.986809	[redacted]	53 N	N65a	32549N65a	EGWO	26	29	3	3	3,112.304	2,722.199	2.65	1.55
4935.547845	4961.082021	[redacted]	32537f79b	EGWO	54	4980.883312	4961.849581	[redacted]	17 F	f79b	32537f79b	EGWO	52	54	2	2	4,694.765	3,144.662	2.65	1.55
6874.276587	4083.288102	[redacted]	32573ff779	EGWO	38	4588.235284	2464.726278	[redacted]	5 F	f779	32573ff779	EGWO	34	38	4	4	4,694.765	2,722.199	4.75	5.45
4590.6298	2633.017626	[redacted]	32638810d	EGWO		1990.384615		[redacted]	8 B	810d	32638810d	EGWO					1,529.844			
6908.200876	4180.708789	[redacted]	32697N61b	EGWO	46	4945.076923	2900.109	[redacted]	2 N	N61b	32697N61b	EGWO	40	43	3	6	4,694.765	2,722.199	2.65	5.45
7029.439144	4249.168243	[redacted]	32700M573	EGWO	49	6252.03252	2303.89	[redacted]	1 M	M573	32700M573	EGWO	44	47	3	5	6,277.225	2,722.199	2.65	5.45
3654.826468	2298.683488	[redacted]	32727M55d	EGWO	49	7007.23211	3377.167511	[redacted]	2 M	M55d	32727M55d	EGWO	49	49	0	0	6,277.225	3,567.125	0.55	1.55
8648.977889	3951.763122	[redacted]	32778N65c	EGWO	28	4203.177945	3168.403103	[redacted]	29 N	N65c	32778N65c	EGWO	25	28	3	3	4,694.765	3,144.662	2.65	1.55
7700.709086	4668.741077	[redacted]	32786A01b	EGWO	24	5570.469799	4326.4486	[redacted]	1 A	A01b	32786A01b	EGWO	38	43	5	14	6,777.225	3,144.662	4.75	14.05
5289.324863	3878.121311	[redacted]	32786AC1d	EGWO	35	7338.491941	4338.798034	[redacted]	8 A	AC1d	32786AC1d	EGWO	48	49	1	13	6,277.225	3,567.125	0.55	14.05
4361.160719	2638.062116	[redacted]	32786AC1f	EGWO	37	7727.627355	4799.125255	[redacted]	5 A	AC1f	32786AC1f	EGWO	40	49	0	12	7,859.686	3,989.588	0.55	10.15
4125.730802	2799.972418	[redacted]	32786AD2a	EGWO	49	8181.558873	1879.152886	[redacted]	8 A	AD2a	32786AD2a	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
6442.956743		[redacted]	32786AE2b	EGWO	49	8279.130494	3832.637667	[redacted]	3 A	AE2b	32786AE2b	EGWO	49	49	0	0	7,859.686	3,567.125	0.33	1.33
7678.924451	4377.920068	[redacted]	32786AC2c	EGWO	49	7841.908905	3930.588014	[redacted]	9 A	AC2c	32786AC2c	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
7784.094161	4476.237949	[redacted]	32786AC3g	EGWO	49	8650.970439	3963.1186	[redacted]	2 A	AC3g	32786AC3g	EGWO	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7957.362636	4298.40287	[redacted]	32816N65b	EGWO	33	5033.714286		[redacted]	2 N	N65b	32816N65b	EGWO	28	32	4	5	4,694.765		4.75	5.45
6820.057609	3962.648043	[redacted]	32859ff35a	EGWO	49	7955.688692	3164.637877	[redacted]	46 F	f35a	32859ff35a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
7772.482063	4376.224974	[redacted]	32891A00e	EGWO	35	8666.666667	5240.90042	[redacted]	1 A	A00e	32891A00e	EGWO	44	46	2	9	9,442.146	4,412.051	2.65	10.15
7624.365482	3056.515251	[redacted]	32972A05d	EGWO	49	7696.296296	4549.08603	[redacted]	1 A	A05d	32972A05d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
6565.906213	3890.158526	[redacted]	32980K44a	EGWO	49	8239.991494	2984.225932	[redacted]	10 K	k44a	32980K44a	EGWO	49	49	0	0	7,859.686	3,567.125	0.55	1.55
3922.231194	2796.047364	[redacted]	32980K44d	EGWO	49	7682.148636	2766.641127	[redacted]	8 K	k44d	32980K44d	EGWO	49	49	0	0	7,859.686	3,144.662	0.33	1.33
6709.0281	4113.758642	[redacted]	32980K44e	EGWO	49	6821.253623	2537.170562	[redacted]	10 K	k44e	32980K44e	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6369.506785	4061.766356	[redacted]	33022F88a	EGWO	49	6558.254717	4127.513958	[redacted]	2 F	f88a	33022F88a	EGWO					6,277.225	3,144.662		
6869.705813	4181.334529	[redacted]	33022F88d	EGWO	34	5531.892968	3630.342873	[redacted]	53 F	f88d	33022F88d	EGWO	39	41	5	2	6,277.225	3,567.125	4.73	2.35
4133.782675	2850.238089	[redacted]	33022F88j	EGWO	24	4727.304753	3442.138819	[redacted]	82 F	f88j	33022F88j	EGWO	27	28	1	3	4,694.765	3,144.662	0.55	2.35
8529.507499	3774.345255	[redacted]	33030T58a	EGWO	25	4366.852835	3095.284138	[redacted]	3 T	T58a	33030T58a	EGWO	24	27	3	1	4,694.765	3,144.662	2.65	1.55
7896.674863	4524.274406	[redacted]	33138N60c	EGWO	37	4323.333163	1748.328536	[redacted]	15 N	N60c	33138N60c	EGWO	33	36	3	4	4,694.765	2,722.199	2.65	3.43
7810.453136		[redacted]	33200F77f	EGWO	33	4811.467968	3033.982599	[redacted]	3 F	f77f	33200F77f	EGWO	29	33	4	4	4,694.765	3,144.662	4.75	5.45
7305.909839	4211.413161	[redacted]	33243K90d	EGWO	49	9237.376952	2405.791633	[redacted]	86 K	k90d	33243K90d	EGWO	49	48	1	0	4,694.765	2,722.199	1.55	1.33
7087.5	3460.813651	[redacted]	33340K46c	EGWO		10530.4625	3641.8306	[redacted]	6 K	k46c	33340K46c	EGWO					11,024.607			
7910.675964	4523.045436	[redacted]	33367E19h	EGWO		7731.658578	4245.080148	[redacted]	2 E	E19h	33367E19h	EGWO					7,859.686	3,989.588		
4847.888976	3834.722292	[redacted]	33367E36a	EGWO	49	6963.840412	3111.225612	[redacted]	24 E	E36a	33367E36a	EGWO	48	49	1	1	6,277.225	3,567.125	0.33	1.33
4741.109508	2741.307667	[redacted]	33502N61b	EGWO	46	3865.921788	2169.83	[redacted]	1 N	N61b	33502N61b	EGWO	40	43	3	6	3,112.304	2,299.736	2.65	5.45
4528.316425	3193.354053	[redacted]	33510N65b	EGWO	31	3573.539409	1834.808547	[redacted]	7 N	N65b	33510N65b	EGWO	28	31	3	3	6,277.225	3,989.588	2.65	1.55
5873.230776	4133.468423	[redacted]	33529N67c	EGWO	49	8999.323768	4448.040543	[redacted]	6 A	A67c	33529N67c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
3380.265385	3138.492327	[redacted]	33529N67e	EGWO	49	13148.14815	5910.518725	[redacted]	1 A	A67e	33529N67e	EGWO	49	49	0	0	12,607.067	5,256.977	0.55	1.55
4572.176286	2996.507827	[redacted]	33588K44d	EGWO	49	7180.616611	3626.200123	[redacted]	9 K	k44d	33588K44d	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
4426.919642	3819.603319	[redacted]	33596A00e	EGWO	35	7000	4758.7418	[redacted]	1 A	A00e	33596A00e	EGWO	44	46	2	9	6,277.225	3,989.588	2.65	10.15
4149.286521	3374.221557	[redacted]	33626A08b	EGWO	37	6229.6875	3393.9509	[redacted]	2 A	A08b	33626A08b	EGWO					6,277.225			
6877.192982	4414.115493	[redacted]	33944A01d	EGWO	26	9685.732368	4555.772916	[redacted]	9 A	A01d	33944A01d	EGWO	39	41	2	13	6,277.225	3,567.125	2.65	14.05
4339.778987	2689.656852	[redacted]	33944A01f	EGWO	36	7349.73913	5023.832658	[redacted]	2 A	A01f	33944A01f	EGWO	47	49	2	11	6,277.225	3,989.588	2.65	10.15
6948.959626	4779.483755	[redacted]	33995A04b	EGWO	42	8604.166667		[redacted]	1 A	A04b	33995A04b	EGWO	48	49	1	6	7,859.686		0.55	6.25
9481.52975	4003.124686	[redacted]	34010A01e	EGWO	33	8563.157895	4177.04468	[redacted]	3 A	A01e	34010A01e	EGWO	42	44	2	9	7,859.686	4,412.051	2.65	10.15
7099.654131	4078.422084	[redacted]	34029A01c	EGWO		7411.764706	4840.2961	[redacted]	3 A	A01c	34029A01c	EGWO	39				7,859.686	3,989.588		
10636.30554	4014.712896	[redacted]	34037A01c	EGWO		5888.297872	3936.7601	[redacted]	1 A	A01c	34037A01c	EGWO	39				6,277.225	3,144.662		
8048.921336	4210.332072	[redacted]	34043A00b	EGWO	30	3417.647059	4038.7229	[redacted]	1 A	A00b	34043A00b	EGWO	39	41	2	9	4,694.765	3,144.662	2.65	10.15
6019.565217	3727.091746	[redacted]	34053A03f	EGWO		6905.263158	4725.2222	[redacted]	1 A	A03f	34053A03f	EGWO					6,277.225	3,989.588		
7363.150593	3891.460067	[redacted]	34088A01c	EGWO	30	6296.450643	4406.651283	[redacted]	7 A	A01c	34088A01c	EGWO	41	43	2	11	6,277.225	3,567.125	2.65	10.15
7489.043086	4372.615487	[redacted]	34096A00a	EGWO	32	5604.166667	4123.6971	[redacted]	1 A	A00a	34096A00a	EGWO	43	45	2	11	6,277.225	3,989.588	2.65	10.15
7168.852459	3896.617354	[redacted]	34142A00d	EGWO	34	6664	4471.727593	[redacted]	1 A	A00d	34142A00d	EGWO	44	46	2	10	6,777.225	3,567.125	2.65	10.15
6692.028923	3898.754833	[redacted]	34193F86c	EGWO		6162.5		[redacted]	1 F	f86c	34193F86c	EGWO					6,277.225			
7598.472866	3140.586202	[redacted]	34207A04b	EGWO	42	7126.868687	4448.3416	[redacted]	2 A	A04b	34207A04b	EGWO	48	49	1	6	7,859.686	3,567.125	0.55	6.25
6441.414821	3871.331454	[redacted]	34215K24a	EGWO	46	6114.285714	3116.8276	[redacted]	1 K	k24a	34215K24a	EGWO	49	49	0	3	6,277.225		0.55	2.35
4675.398732	2696.552393	[redacted]	34213K24c	EGWO	47	6886.694678	3994.779934	[redacted]	3 K	k24c	34213K24c	EGWO					6,777.225	3,144.662		
6700.482791	2996.18937	[redacted]	34215K47b	EGWO	49	8745.945946	3546.3042	[redacted]	2 K	k47b	34215K47b	EGWO					9,442.146	3,567.125		
6572.336263	3904.688989	[redacted]	34258K48f	EGWO	49	8971.329934	2503.559008	[redacted]	12 K	k48f	34258K48f	EGWO		49			9,442.146	3,567.125		
3857.05429	2687.226942	[redacted]	3426GK48d	EGWO		12218.75	4055.584519	[redacted]	2 K	k48d	3426GK48d	EGWO					12,607.067			
5069.957179	3757.840211	[redacted]	34282K49s	EGWO	49	11160.11678	3212.909122	[redacted]	9 K	k49s	34282K49s	EGWO		49			11,024.607			
6068.595754	4064.248524	[redacted]	34282K49d	EGWO	49	8991.298617	2445.235178	[redacted]	24 K	k49d	34282K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.33	1.33
7540.569856	3381.585585	[redacted]	34398N70a	EGWO	44	4257.478632	2373.58	[redacted]	16 N	N70a	34398N70a	EGWO	38	39	1	6	4,694.765	2,722.199	0.33	5.45
7468.476008	4510.283437	[redacted]	34398N70b	EGWO	49	4955.123027	3551.231392	[redacted]	16 N	N70b	34398N70b	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.35
7214.53081	4306.358298	[redacted]	34452N65b	EGWO	31	3022.973289	1474.723484	[redacted]	8 N	N65b	34452N65b	EGWO	24	27	3	7	4,694.765	3,567.125	2.65	5.45
7169.014085	3647.858469	[redacted]	34479N66c	EGWO	26	5034.656684	4053.291429	[redacted]	7 N	N66c	34479N66c	EGWO	30	30	0	4	4,694.765	3,567.125	0.55	2.35
7294.859307	4134.498384	[redacted]	34487N67a	EGWO	39	4721.190399	2802.649144	[redacted]	25 N	N67a	34487N67a	EGWO	35	38	3	4	4,694.765	2,722.199	2.65	5.45
7139.933424	4367.869853	[redacted]	34495M30b	EGWO	49	9490.281999	2516.328014	[redacted]	4 M	M30b	34495M30b	EGWO	47	49	2	2	6,277.225	3,144.662	2.65	1.33
3995.855203	2680.177374	[redacted]	34517N65b	EGWO	30	5086.419887	3668.06073	[redacted]	14 N	N65b	34517N65b	EGWO	24	27	3	8	4,694.765	3,567.125	2.65	5.45
3975.162504	3340.948059	[redacted]	34541K52g	EGWO	49	7218.356943	2771.002583	[redacted]	32 K	k52g	34541K52g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
4202.522862	3008.276828	[redacted]	34576N63a	EGWO	27	3991.897094	2862.0776	[redacted]	25 N	N63a	34576N63a	EGWO	20	29	9	7	4,694.765	2,722.199	8.93	3.43
6631.30732	3667.234273	[redacted]	34622N67a	EGWO	35	6419.954404	4005.374206	[redacted]	78 N	N67a	34622N67a	EGWO	33	38	5	5	6,277.225	3,989.588	4.75	1.55
6846.46473	4299.947248	[redacted]	34746A01e	EGWO	33	7330.147444	4840.2961	[redacted]	3 A	A01e	34746A01e	EGWO	42	44	2	9	7,859.686	3,989.588	2.65	10.15
6633.333333	3949.836357	[redacted]	34827F86a	EGWO	47	4390.65167	2309.75375	[redacted]	8 F	f86a	34827F86a	EGWO	38	40	2	9	4,694.765	2,722.199	2.65	9.35
6766.103465	4306.43176	[redacted]	34886N73h	EGWO	45	7311.222798	3416.14158	[redacted]	6 N	N73h	34886N73h	EGWO	43	45	2	2	7,859.686	3,989.588	2.65	1.55
7634.49263	3912.210768	[redacted]	34894N73h	EGWO	45	3376.791809		[redacted]	1 N	N73h	34894N73h	EGWO	43	45	2	2	6,277.225		2.65	1.55
6905.425288	4325.026504	[redacted]	34991A01b	EGWO	26	5362.637363	3969.5927	[redacted]	1 A	A01b	34991A01b	EGWO	38	43	5	14	4,694.765	3,144.662	4.75	14.05
6067.023918	4182.969057	[redacted]	35033N65a	EGWO	27	3939.219764	2863.966667	[redacted]	15 N	N65a	35033N65a	EGWO	21	29	8	6	4,694.765	2,722.199	8.93	5.45
6750.44867	4011.422451	[redacted]	35130N73j	EGWO	45	7474.166993	4139.709144	[redacted]	5 N	N73j	35130N73j	EGWO	43	45	2	2	7,859.686	3,989.588	2.65	1.55
7309.581446	3812.02996	[redacted]	35157F83a	EGWO	31	3910.289714	2692.68071	[redacted]	18 F	f83a	35157F83a	EGWO	30	33	3	1	4,694.765	2,722.199	2.65	1.55
6638.184302	4014.341741	[redacted]	35165N63a	EGWO	41	5620.422602	3311.864204	[redacted]	15 N	N63a	35165N63a	EGWO	34	38	4	7	6,277.225	3,567.125	4.75	5.45
8083.730074	2789.947051	[redacted]	35181N63a	EGWO	39	5540.740741	3375.686031	[redacted]	9 N	N63a	35181N63a	EGWO	35	37	2	4	6,277.225	3,567.125	2.65	5.45
6980.37474	5013.915649	[redacted]	35197N63a	EGWO	41	5557.462475	3363.185315	[redacted]	47 N	N63a	35197N63a	EGWO	37	41	3	4	6,777.225	3,567.125	3.65	5.45
4673.998479	3740.74037	[redacted]	35246F89d	EGWO	41	5376.871707	3631.55233	[redacted]	4 F	f89d	35246F89d	EGWO	33	38	5	8	6,277.225	3,144.662	4.73	9.33
7495.781474	4155.25514	[redacted]	35300F89b	EGWO	31	4470.510309	3079.790505	[redacted]	46 F	f89b	35300F89b	EGWO	29	32	3	2	4,694.765	3,144.662	2.65	1.55
7432.195986	4257.215071	[redacted]	35366F77f	EGWO	30	5151.661179	3509.175557	[redacted]	37 F	f77f	35366F77f	EGWO	25	28	3	5	4,694.765	3,144.662	2.65	5.45
7721.583835	4167.387094	[redacted]	35394F77f	EGWO	29	4090.901407	2916.701122	[redacted]	20 F	f77f	35394F77f	EGWO	27	31	4	2	4,694.765	2,722.199	4.75	1.33
6435.412574	4069.801608	[redacted]	35440A06k	EGWO	48	7809.068133	3994.266438	[redacted]	21 A	A06k	35440A06k	EGWO	49	49	0	1	7,859.686	3,567.125	0.55	2.35
7517.869221	4365.725541	[redacted]	35467N63a	EGWO	37	5730.769231	3593.589624	[redacted]	8 N	N63a	35467N63a	EGWO	31	35	4	6	6,277.225	3,567.125	4.73	5.45
7784.953076	4530.288866	[redacted]	35521K49d	EGWO	49	9632.206222	2400.582871	[redacted]	7 K	k49d	35521K49d	EGWO	49	49	0	0	9,442.146	3,567.125	0.33	1.33
8283.768545	4697.185858	[redacted]	35572K90e	EGWO		2078.82901	3346.135	[redacted]	8 K	k90e	35572K90e	EGWO					1,529.844			
8066.901988	4513.171426	[redacted]	35602F77c	EGWO	30	3357.838983	2495.980623	[redacted]	16 F	f77c	35602F77c	EGWO	24	31	7	6	3,112.304	2,299.736	6.83	3.43
6882.352941	3572.421386	[redacted]	35629K26b	EGWO		5707.692308	2400.1169	[redacted]	1 K	k26b	35629K26b	EGWO					6,277.225	2,722.199		
7929.320191	4503.083977	[redacted]	35688N65c	EGWO	31	4362.341772	3004.01095	[redacted]	16 N	N65c	35688N65c	EGWO	29	31	2	2	4,694.765	3,144.662	2.65	1.55
7209.093422	3594.128128	[redacted]	35734F78b	EGWO	37	4446.766169	2426.113638	[redacted]	10 F	f78b	35734F78b	EGWO	34	38	4	3	4,694.765	2,722.199	4.75	1.33
7554.413074	4479.990718	[redacted]	35769A01d	EGWO	30	6410.526316	4725.2222	[redacted]	1 A	A01d	35769A01d	EGWO	43	44	1	13	6,277.225	3,989.588	0.55	14.05
6690.060164	4074.857555	[redacted]	35777N73h	EGWO	45	6118.418257	3156.973054	[redacted]	11 N	N73h	35777N73h	EGWO	43	44	1	2	6,277.225	3,567.125	0.55	1.55
7023.39734	3984.8151	[redacted]	33815M53g	EGWO	49	3772.404886	2608.35964	[redacted]	6 M	M53g	33815M53g	EGWO	49	49	0	0	6,277.225	2,722.199	0.33	1.33
8922.651071	4133.897665	[redacted]	33858M80a	EGWO	49	6084.613386	2647.945131	[redacted]	1 M	M80a	33858M80a	EGWO	45	46	1	4	6,277.225	2,722.199	0.55	3.45
7268.959904	4015.450665	[redacted]	33858M80b	EGWO	49	6245.806507	2769.729975	[redacted]	16 M	M80b	33858M80b	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
9095.810992	3334.863581	[redacted]	33882A02c	EGWO	49	8317.647059	4840.2961	[redacted]	1 A	A02c	33882A02c	EGWO	49	49	0	0	7,859.686	4,412.051	0.33	1.33
7402.188447	4037.119849	[redacted]	33920F78a	EGWO	38	4139.704507	3586.085563	[redacted]	9 F	f78a	33920F78a	EGWO	35	37	2	3	4,694.765	2,722.199	2.65	1.55
8632.146933	3314.540611	[redacted]	33920F78b	EGWO	32	3315.789097	2211.03375	[redacted]	8 F	f78b	33920F78b	EGWO	29	33	4	3	3,112.304	2,299.736	4.75	1.55
7323.0008	4047.340803	[redacted]	33939K54b	EGWO		6150	3669.4026	[redacted]	1 K	k54b	33939K54b	EGWO					6,277.225	3,144.662		
6920.768236	4050.053757	[redacted]	33998A06i	EGWO	40	8026.697037	4640.183456	[redacted]	17 A	A06i	33998A06i	EGWO	47	48	1	7	7,859.686	3,989.588	0.55	6.25
7236.23384	4286.136934	[redacted]	36080N63a	EGWO	26	3922.28612	2896.113889	[redacted]	18 N	N63a	36080N63a	EGWO	20	28	8	6	4,694.765	2,722.199	8.93	3.43
6917.059917	4281.288796	[redacted]	36099K52g	EGWO	49	7626.739212	2848.49214	[redacted]	10 K	k52g	36099K52g	EGWO	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6159.298326	4046.944134	[redacted]	36110N67a	EGWO	36	6818.761938	4326.602756	[redacted]	16 N	N67a	36110N67a	EGWO	35	37	2	1	6,777.225	4,412.051	2.65	1.55
5777.187654	3945.188028	[redacted]	36188N73d	EGWO	40	6836.363636	4196.57	[redacted]	1 N	N73d	36188N73d	EGWO	40	43	3	0	6,277.225	3,989.588	2.65	1.55
7644.882833	3808.711769	[redacted]	36250N65b	EGWO	32	5506.330666	3738.489083	[redacted]	31 N	N65b	36250N65b	EGWO	27	31	4	5	6,277.225	3,989.588	4.75	5.45
6723.112541	4731.150953	[redacted]	36269N63a	EGWO	41	5527.797862	3237.858609	[redacted]	18 N	N63a	36269N63a	EGWO	35	38	2	5	6,777.225	3,567.125	2.65	5.45
6860.417491	3393.236154	[redacted]	36293A07g	EGWO	49	8503.578618	4252.461445	[redacted]	23 A	A07g	36293A07g	EGWO	49	49	0	0	7,859.686	3,989.588	0.55	1.55
6657.7695	4029.483662	[redacted]	36390K90c	EGWO	49	4774.177313	2349.008305	[redacted]	34 K	k90c	36390K90c	EGWO	43	43	0	6	4,694.765	2,722.199	0.55	5.45
5442.218472	3791.356707	[redacted]	36390K91c	EGWO	49	4611.329794	2396.535337	[redacted]	49 K	k91c	36390K91c	EGWO	43	42	1	6	4,694.765	2,722.199	1.33	3.45
7303.135843	4429.497964	[redacted]	36420K47c	EGWO	49	9756.526863	3461.955345	[redacted]	41 K	k47c	36420K47c	EGWO	49	49	0	0	9,442.146	3,989.588	0.55	1.55
7452.264311	4485.021625	[redacted]	36420K47d	EGWO	49	9571.562965	3251.784939	[redacted]	21 K	k47d	36420K47d	EGWO					9,442.146	3,989.588		
8264.330073		[redacted]	36439K90d	EGWO	49	3461.080786	2409.98613	[redacted]	38 K	k90d	36439K90d	EGWO	47	48	1	2	4,694.765	2,722.199	0.55	1.55
7458.729742	4385.357561	[redacted]	36439K90i	EGWO	49	7082.319229		[redacted]	4 K	k90i	36439K90i	EGWO	49	48	1	0	6,277.225		1.55	1.55
6803.278689	3451.06857	[redacted]	36587K47c	EGWO	49	10372.23557	2388.766357	[redacted]	9 K	k47c	36587K47c	EGWO	49	49	0	0	11,024.607	3,567.125	0.55	1.55
6228.925664	4186.299136	[redacted]	36595K47c	EGWO	49	9195.326678	3147.038617	[redacted]	6 K	k47c	36595K47c	EGWO		49			9,442.146	3,567.125		
6347.242237	3734.045418	[redacted]	36595K47d	EGWO	49	9668.779915	3203.754715	[redacted]	33 K	k47d	36595K47d	EGWO					9,442.146			
4045.894245	2705.112694	[redacted]	36722E16b	EGWO		4909.756098	3092.3134	[redacted]	1 E	E16b	36722E16b	EGWO					4,694.765			
5346.044189	3481.773104	[redacted]	36730F78b	EGWO	27	4320.549815	3128.365374	[redacted]	58 F	f78b	36730F78b	EGWO	24	29	5	3	4,694.765	3,144.662	4.75	1.55
4894.734967	2782.056695	[redacted]	36897K47c	EGWO	49	11344.14447	2391.6099	[redacted]	2 K	k47c	36897K47c	EGWO					11,024.607	3,989.588		
6618.393928	4289.185928	[redacted]	36900F77d	EGWO	41	5144.262295	2836.660353	[redacted]	1 F	f77d	36900F77d	EGWO	35	39	4	6	4,694.765	3,567.125	4.73	3.43
6257.71287	4119.785136	[redacted]	36943K90d	EGWO	49	4887.959335	2369.429062	[redacted]	42 K	k90d	36943K90d	EGWO	43	42	1	6	4,694.765	2,722.199	1.55	5.45
3940.103416	2767.772163	[redacted]	36994E16a	EGWO		6550	2356.8344	[redacted]	1 E	E16a	36994E16a	EGWO					6,277.225	2,722.199		
5687.365143	2851.398472	[redacted]	37028K23a	EGWO	43	7367.816092	4417.1641	[redacted]	1 K	k23a	37028K23a	EGWO	46	48	2	3	7,859.686	3,989.588	2.65	2.35
3861.773916	3103.23217	[redacted]	37028K25b	EGWO		4760.456161	3037.2747	[redacted]	1 K	k25b	37028K25b	EGWO					4,694.765			
7288.341844	3903.651927	[redacted]	37039K25d	EGWO		6817.391304	3420.1242	[redacted]	1 K	k25d	37039K25d	EGWO					6,277.225	3,144.662		
7708.128862	4622.05291	[redacted]	37044E14f	EGWO		7739.103041	2964.247032	[redacted]	4 E	E14f	37044E14f	EGWO		49			7,859.686	3,567.125		
6464.285714	3990.481952	[redacted]	37109E42d	EGWO		6731.884058	2359.7618	[redacted]	1 E	E42d	37109E42d	EGWO					6,777.225	3,144.662		
7735.093391	4736.915386	[redacted]	37184M30b	EGWO	49	3344.746377	2344.034919	[redacted]	2 M	M30b	37184M30b	EGWO	45	46	1	4	4,694.765	2,722.199	0.33	3.43
8522.06007	3860.715471	[redacted]	37192K45b	EGWO	49	7326.114033	2772.023085	[redacted]	10 K	k45b	37192K45b	EGWO

0114

6672.809069	4131.620045	[redacted]	37850A05c	EGWO	36	6452.043971	3900.418915	[redacted]	7 A	A05c	37850A05c	EGWC	43	45	2	7	6,277.225	3,567.125	2.65	6.25
6877.808053	4209.901627	[redacted]	37869A06l	EGWO	43	7121.212121	4083.4136	[redacted]	1 A	A06l	37869A06l	EGWC	49	49	0	6	7,859.686	3,567.125	0.55	6.25
4140.422244	5735.899493	[redacted]	37951A52j	EGWO	40	4795.491468	5809.869599	[redacted]	3 F	A52j	37951A52j	EGWC	33	35	3	3	4,694.765	3,144.882	2.65	3.43
5568.835103	2785.611693	[redacted]	37982N63b	EGWO	42	5464.075444	2389.875211	[redacted]	31 N	N63b	37982N63b	EGWC	36	38	2	6	4,694.765	3,567.125	2.65	5.45
5693.167128	3035.186712	[redacted]	38059N61c	EGWO	46	6594.541743	3527.041167	[redacted]	29 N	N61c	38059N61c	EGWC	40	39	1	6	6,277.225	3,989.588	1.55	5.45
6110.194376	3788.57384	[redacted]	38067N61c	EGWO	44	6758.375	3783.236803	[redacted]	4 N	N61c	38067N61c	EGWC	39	39	0	8	6,277.225	4,412.051	0.55	9.35
4460.858782	2772.140634	[redacted]	38075N61c	EGWO	45	711.004454	3821.850748	[redacted]	18 N	N61c	38075N61c	EGWC	36	37	1	9	7,859.686	4,412.051	0.55	9.35
4950.282321	3132.790564	[redacted]	38105N68b	EGWO	46	4676.761733	2487.081899	[redacted]	10 N	N68b	38105N68b	EGWC	44	43	1	2	4,694.765	2,722.199	1.55	1.55
5090.540886	3996.913521	[redacted]	38105N68f	EGWO	39	4590.582209	2565.502536	[redacted]	7 N	N68f	38105N68f	EGWC	39	39	0	0	4,694.765	2,722.199	0.55	1.55
7504.755585	3529.357273	[redacted]	38105N73j	EGWO		6797.468354		[redacted]	1 N	N73j	38105N73j	EGWC					6,777.225			
6844.933623	4123.822173	[redacted]	38127M56c	EGWO	49	7048.789634	2696.451201	[redacted]	14 M	M56c	38127M56c	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6523.91103	4194.296065	[redacted]	38139M55g	EGWO	49	5830.793653	2499.922131	[redacted]	19 M	M55g	38139M55g	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
3090.724845	3140.819867	[redacted]	38210M55g	EGWO	46	5954.418097	1214.901286	[redacted]	30 M	M55g	38210M55g	EGWC	42	45	3	4	6,777.225	3,144.662	2.65	5.45
10610.67834	3883.994588	[redacted]	38237E21b	EGWO	49	6920.703281	3307.514729	[redacted]	4 E	E21b	38237E21b	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6051.476088	4039.642209	[redacted]	38245M47i	EGWO		12825.3814	5.139	[redacted]	1 K	M47i	38245M47i	EGWC					11,024.607	5,256.977		
5854.854739	2857.407623	[redacted]	38261E22a	EGWO		8328.63982		[redacted]	2 E	E22a	38261E22a	EGWC					9,442.146	3,567.125		
4826.686103	3289.674608	[redacted]	38261E22b	EGWO		9347.014923		[redacted]	1 E	E22b	38261E22b	EGWC					9,442.146			
1678.39569	3103.144691	[redacted]	38326N63a	EGWO	39	3309.497395	3281.926541	[redacted]	25 N	N63a	38326N63a	EGWC	33	36	3	6	4,694.765	3,567.125	2.65	5.45
4373.835087	3612.42423	[redacted]	38369K47b	EGWO	49	9742.97212	3297.613614	[redacted]	5 K	M47b	38369K47b	EGWC					9,442.146			
7263.588321	4407.061145	[redacted]	38369K47c	EGWO	49	12729.43723		[redacted]	1 K	M47c	38369K47c	EGWC		49			12,607.067			
5703.937169	3413.284825	[redacted]	38431F88j	EGWO	34	4341.968402	1477.981038	[redacted]	9 F	M88j	38431F88j	EGWC	32	35	3	2	4,694.765	2,722.199	2.65	1.55
2820.96768	3034.049123	[redacted]	38504M71c	EGWO	28	8889.65646	2343.92	[redacted]	2 N	N71c	38504M71c	EGWC		41			8,112.804	2,722.199		
6993.886008	[redacted]	[redacted]	38539N69a	EGWO	47	4543.481168	2428.21125	[redacted]	8 N	N69a	38539N69a	EGWC	38	41	3	9	4,694.765	2,722.199	2.65	9.35
7019.414722	4342.710222	[redacted]	38563A04d	EGWO	43	6679.246187	4316.751188	[redacted]	6 A	A04d	38563A04d	EGWC	45	46	1	2	6,277.225	3,567.125	0.55	2.35
5630.438415	3951.339496	[redacted]	38628N63a	EGWO	37	5133.36109	3239.66709	[redacted]	18 N	N63a	38628N63a	EGWC	30	35	5	7	4,694.765	3,144.662	4.75	5.45
6906.15601	3760.581423	[redacted]	38652M55d	EGWO	49	6353.780826	2428.141679	[redacted]	7 M	M55d	38652M55d	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
7377.055312	4476.184585	[redacted]	38660K90c	EGWO	49	6059.595859	2461.176745	[redacted]	17 K	K90c	38660K90c	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6679.882667	4036.176161	[redacted]	38679N63a	EGWO	38	3333.333333	3290.083648	[redacted]	34 N	N63a	38679N63a	EGWC	34	35	1	4	4,694.765	3,567.125	0.55	3.43
6742.976622	4078.383764	[redacted]	38687K46c	EGWO	49	10264.03465	3029.90826	[redacted]	7 K	K46c	38687K46c	EGWC					11,024.607			
6697.129074	4144.447564	[redacted]	38695K90d	EGWO	49	9422.352112	2378.961292	[redacted]	29 K	K90d	38695K90d	EGWC	49	49	0	0	6,694.765	2,722.199	0.55	1.55
7517.647059	4155.469356	[redacted]	38733K47c	EGWO	49	8437.616276	3142.4317	[redacted]	2 K	K47c	38733K47c	EGWC		49			7,859.686			
7189.297737	4178.159873	[redacted]	38741F89j	EGWO	32	4537.049475	3125.115433	[redacted]	35 F	M89j	38741F89j	EGWC	30	33	3	2	4,694.765	3,144.662	2.65	1.55
6697.973229	4405.432702	[redacted]	38768K90l	EGWO	49	7163.313314	3152.28	[redacted]	3 K	K90l	38768K90l	EGWC	49	48	-1	0	7,859.686		1.55	1.55
6939.887042	3768.088068	[redacted]	38776A00b	EGWO	30	6739.028376	4805.577625	[redacted]	3 A	A00b	38776A00b	EGWC	39	41	2	9	6,277.225	3,989.588	2.65	10.15
7723.381245	4401.344392	[redacted]	38806N62b	EGWO	44	7642.743595	4258.114488	[redacted]	12 N	N62b	38806N62b	EGWC	41	42	1	3	7,859.686	4,412.051	0.55	1.55
3964.987317	4043.222139	[redacted]	38830A03a	EGWO	24	3839.02439	2910.138	[redacted]	10 N	N03a	38830A03a	EGWC	18	26	8	6	5,112.304	2,722.199	6.95	5.45
6916.23614	4234.230232	[redacted]	38881F83a	EGWO	30	4073.3583	2831.289472	[redacted]	30 F	F83a	38881F83a	EGWC	30	32	2	0	4,694.765	2,722.199	2.65	1.55
7383.65765	4398.042002	[redacted]	39012N60c	EGWO	38	5559.1349	3429.283121	[redacted]	32 N	N60c	39012N60c	EGWC	35	37	2	3	6,277.225	3,567.125	2.65	1.55
5963.590328	3879.160122	[redacted]	39020N63a	EGWO	27	3871.290038	2823.218889	[redacted]	18 N	N63a	39020N63a	EGWC	21	28	7	5	5,112.304	2,722.199	6.85	5.45
6186.77724	4065.105215	[redacted]	39098M27a	EGWO	49	6140.664962	3046.1447	[redacted]	1 M	M27a	39098M27a	EGWC					6,777.225			
5946.983459	4103.444589	[redacted]	39098M27b	EGWO	49	8231.18783	2957.559523	[redacted]	17 M	M27b	39098M27b	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
5784.861273	4133.977148	[redacted]	39098M55g	EGWO	49	6674.046216	2816.841437	[redacted]	15 M	M55g	39098M55g	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5955.656396	3985.577249	[redacted]	39103M57a	EGWO	49	6758.070824	2184.067789	[redacted]	25 M	M57a	39103M57a	EGWC	43	45	2	6	6,777.225	3,567.125	2.65	5.45
5135.342394	3349.597957	[redacted]	39128K44c	EGWO	49	9737.830733	2421.1278	[redacted]	2 K	K44c	39128K44c	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
10872.59935	3866.997055	[redacted]	39136F78b	EGWO	37	4317.873714	2450.729699	[redacted]	12 F	F78b	39136F78b	EGWC	34	38	4	3	4,694.765	2,722.199	4.75	1.55
8018.768228	4281.114083	[redacted]	39144K90l	EGWO	49	7052.130948		[redacted]	4 K	K90l	39144K90l	EGWC	49	48	-1	0	6,277.225		1.55	1.55
3928.846639	3736.809391	[redacted]	39152E18b	EGWO	49	7776.678059	3583.877294	[redacted]	16 E	E18b	39152E18b	EGWC	49	49	0	0	6,859.686	3,567.125	0.55	1.55
5818.852122	3995.273058	[redacted]	39160N68f	EGWO	47	4574.702731	2389.456822	[redacted]	33 N	N68f	39160N68f	EGWC	41	43	2	6	4,694.765	2,722.199	2.65	5.45
5078.909776	3579.729541	[redacted]	39187N65c	EGWO	33	4976.302746	3117.604892	[redacted]	21 N	N65c	39187N65c	EGWC	26	34	8	7	4,694.765	3,144.662	8.95	5.45
5887.417976	3837.068094	[redacted]	39197N62a	EGWO	31	4467.289807	2963.863229	[redacted]	23 N	N62a	39197N62a	EGWC	31	31	0	0	4,694.765	3,144.662	0.55	1.55
7991.760917	4780.321653	[redacted]	39209F77f	EGWO	28	5096.588817	1216.034503	[redacted]	28 F	F77f	39209F77f	EGWC	30	34	4	2	4,694.765	3,144.662	4.75	2.35
7286.604911	4613.889172	[redacted]	39233M27h	EGWO	49	9869.494144	3408.8632	[redacted]	2 A	A27h	39233M27h	EGWC	49	49	0	0	6,277.225		0.55	1.55
4364.812109	3544.14044	[redacted]	39381A06l	EGWO	45	7625.061837	4345.215875	[redacted]	4 A	A06l	39381A06l	EGWC	49	49	0	4	7,859.686	3,989.588	0.55	2.35
7173.365801	4533.791838	[redacted]	39381A06l	EGWO	43	7498.920434	4444.947851	[redacted]	4 A	A06l	39381A06l	EGWC	49	49	0	6	7,859.686	3,989.588	0.55	6.25
9767.82378	3384.494103	[redacted]	39403K32g	EGWO	49	7396.893837	2687.884045	[redacted]	10 K	K32g	39403K32g	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55
7286.713917	3975.194805	[redacted]	39442N62b	EGWO	39	5818.63185	3542.786977	[redacted]	8 N	N62b	39442N62b	EGWC	31	33	2	8	6,277.225	3,989.588	2.65	9.35
4606.995199	4233.353131	[redacted]	39497A07d	EGWO	49	7440.641229	3286.4102	[redacted]	4 A	A07d	39497A07d	EGWC					7,859.686			
6542.341116	4197.381583	[redacted]	39497A07f	EGWO	49	7431.968097	3594.10072	[redacted]	6 A	A07f	39497A07f	EGWC					7,859.686	3,567.125		
7369.195142	2923.831519	[redacted]	39497N07h	EGWO	49	8068.965117	3854.6798	[redacted]	1 A	A07h	39497N07h	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
6841.295137	3960.426624	[redacted]	39509A07e	EGWO	49	8509.408242	4092.366179	[redacted]	9 A	A07e	39509A07e	EGWC	49	49	0	0	7,859.686	3,989.588	0.55	1.55
11084.28681	3761.331239	[redacted]	39519M56a	EGWO	49	6591.489362	3295.6138	[redacted]	1 M	M56a	39519M56a	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7259.412102	4029.988903	[redacted]	39519M56c	EGWO	49	7370.79294	2821.555515	[redacted]	5 M	M56c	39519M56c	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55
5157.279506	3329.560091	[redacted]	39535F78a	EGWO	36	5123.338313	3339.001262	[redacted]	2 F	F78a	39535F78a	EGWC	31	36	5	5	4,694.765	3,144.662	4.75	3.43
5225.927366	3011.797797	[redacted]	39586F83a	EGWO	31	3934.542425	2719.778938	[redacted]	37 F	F83a	39586F83a	EGWC	30	32	2	1	4,694.765	2,722.199	2.65	1.55
5743.602477	4300.656904	[redacted]	39594N68d	EGWO	48	4478.563861	2335.218467	[redacted]	26 N	N68d	39594N68d	EGWC	44	43	-1	4	4,694.765	2,722.199	1.55	5.45
4611.62037	2823.309614	[redacted]	39667N21f	EGWO	36	7313.888889		[redacted]	1 A	A21f	39667N21f	EGWC	47	49	2	11	7,859.686	4,412.051	2.65	10.15
4791.666647	[redacted]	[redacted]	39682M73b	EGWO	47	6754.014985	3441.270612	[redacted]	22 N	M73b	39682M73b	EGWC	40	47	7	7	6,277.225	3,567.125	6.85	5.45
8237.026734	4820.140734	[redacted]	39691F83a	EGWO	28	3974.917016	2854.074801	[redacted]	26 F	F83a	39691F83a	EGWC	28	30	2	0	4,694.765	2,722.199	2.65	1.55
9760.416667	4484.208232	[redacted]	39772N68d	EGWO	38	4132.394658	2757.70004	[redacted]	16 N	N68d	39772N68d	EGWC	34	36	2	4	4,694.765	2,722.199	2.65	3.43
7308.866637	4469.13185	[redacted]	39861M55d	EGWO	49	6613.381001	3540.452338	[redacted]	2 M	M55d	39861M55d	EGWC	49	49	0	0	6,277.225	3,567.125	0.55	1.55
7099.387887	4289.040742	[redacted]	39934F82d	EGWO	41	3816.604465	2230.611784	[redacted]	14 F	F82d	39934F82d	EGWC	34	36	2	7	3,112.304	2,299.736	2.65	5.45
4433.164106	3402.967183	[redacted]	39942K59a	EGWO	49	8931.396412	2444.4938	[redacted]	5 K	K59a	39942K59a	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55
5203.052859	3624.541682	[redacted]	39977F78b	EGWO	31	4169.267716	2814.422021	[redacted]	30 F	F78b	39977F78b	EGWC	31	33	2	0	4,694.765	2,722.199	2.65	1.55
4777.365104	3760.877381	[redacted]	40029F85b	EGWO	40	4868.358516	2965.744168	[redacted]	19 F	F85b	40029F85b	EGWC	39	43	4	6	4,694.765	2,722.199	4.75	5.45
5569.111437	3466.078045	[redacted]	40029F78b	EGWO	28	4820.000889	3012.902051	[redacted]	28 F	F78b	40029F78b	EGWC	24	29	5	4	4,694.765	3,144.662	4.75	5.45
7362.189298	3834.856624	[redacted]	40037F86a	EGWO	41	4511.310951	2389.229	[redacted]	10 F	F86a	40037F86a	EGWC	36	37	1	5	4,694.765	2,722.199	0.55	5.45
7574.743997	4371.783411	[redacted]	40088K39a	EGWO	49	9094.894004	2690.899813	[redacted]	36 K	K39a	40088K39a	EGWC	49	49	0	0	9,442.146	3,567.125	0.55	1.55
7038.05229	4707.434799	[redacted]	40118K49a	EGWO	49	9828.009774	3521.529733	[redacted]	9 K	K49a	40118K49a	EGWC	49	49	0	0	9,442.146	3,567.125	0.55	1.55
6701.89615	4179.636377	[redacted]	40169F82a	EGWO	40	4383.341868	1527.030725	[redacted]	4 F	F82a	40169F82a	EGWC	36	38	2	4	4,694.765	2,722.199	2.65	5.45
6760.049579	4220.280677	[redacted]	40177K47c	EGWO	49	9418.610952	3369.463147	[redacted]	14 K	K47c	40177K47c	EGWC		49			9,442.146	3,567.125		
6377.753035	4394.111405	[redacted]	40177K47d	EGWO	49	6016.68117	3168.995653	[redacted]	35 K	K47d	40177K47d	EGWC					9,442.146	3,567.125		
4961.137913	2710.420098	[redacted]	40183A06a	EGWO	40	7759.491934	4892.113811	[redacted]	3 A	A06a	40183A06a	EGWC	47	48	-1	-7	7,859.686	3,989.588	0.55	6.25
4308.030303	3139.957299	[redacted]	40193F89c	EGWO	45	4515.151515	2300.812899	[redacted]	3 F	F89c	40193F89c	EGWC	39	42	3	6	4,694.765	2,722.199	2.65	5.45
7778.425946	4737.651393	[redacted]	40258N60b	EGWO	38	6206.579947		[redacted]	1 N	N60b	40258N60b	EGWC	32	34	2	6	6,777.225		2.65	5.45
5447.289376	4039.346051	[redacted]	40258N60c	EGWO	42	5305.555556	2392.839893	[redacted]	4 N	N60c	40258N60c	EGWC	43	41	2	-1	4,694.765	2,722.199	1.55	2.35
6289.832541	4172.216188	[redacted]	40258N60c	EGWO	42	5483.067096	3056.324584	[redacted]	5 N	N60c	40258N60c	EGWC	38	41	3	4	4,694.765	3,144.662	2.65	5.45
4119.148035	2788.807882	[redacted]	40312A09c	EGWO		8085.227273	6024.6651	[redacted]	2 A	A09c	40312A09c	EGWC					6,277.225	4,834.514		
5795.454545	3434.290881	[redacted]	40339K48l	EGWO	49	10000	2373.9766	[redacted]	1 K	K48l	40339K48l	EGWC		49			9,442.146	3,567.125		
6607.737334	4174.271301	[redacted]	40363N62b	EGWO	40	5566.666667	3900.633466	[redacted]	1 N	N62b	40363N62b	EGWC	36	38	2	4	6,277.225	3,989.588	2.65	5.45
7050.33431	4019.274059	[redacted]	40371N62b	EGWO	40	9067.801084	3659.268243	[redacted]	14 N	N62b	40371N62b	EGWC	34	36	2	6	6,277.225	3,989.588	2.65	5.45
7212.554025	4715.628496	[redacted]	40398F82b	EGWO	41	4217.286418	2470.809476	[redacted]	24 F	F82b	40398F82b	EGWC	35	37	2	6	4,694.765	2,722.199	2.65	5.45
7216.666667	4495.948937	[redacted]	40576M55d	EGWO	49	5534.660633	2700.2313	[redacted]	2 M	M55d	40576M55d	EGWC	49	49	0	0	6,777.225	2,722.199	0.55	1.55
7199.612044	4641.894779	[redacted]	40584N61c	EGWO	47	7019.626931	3713.094559	[redacted]	42 N	N61c	40584N61c	EGWC	38	39	1	9	6,277.225	4,412.051	0.55	9.35
4183.098592	3487.301049	[redacted]	40592A04h	EGWO	37	9607.257594	4280.716664	[redacted]	7 A	A04h	40592A04h	EGWC	45	47	2	8	6,277.225	3,567.125	2.65	6.25
4741.697162	2839.242831	[redacted]	40606A05d	EGWO	49	7803.222644	3848.132661	[redacted]	8 A	A05d	40606A05d	EGWC	49	49	0	0	7,859.686	3,567.125	0.55	1.55
4691.541233	3634.907558	[redacted]	40614F58a	EGWO	23	4185.860591	3148.833367	[redacted]	58 T	T58a	40614F58a	EGWC	21	24	3	2	4,694.765	3,144.662	2.65	1.55
4819.436466	3553.846622	[redacted]	40622E22a	EGWO		12327.7512	4625.31	[redacted]	2 E	E22a	40622E22a	EGWC					12,607.067	5,679.44		
7535.413071	3573.166603	[redacted]	40630A04h	EGWO	42	6779.567925	4046.638962	[redacted]	2 A	A04h	40630A04h	EGWC	48	49	1	6	6,277.225	3,567.125	0.55	6.25
6183.241719	4040.709818	[redacted]	40657M32c	EGWO	49	6833.227417	1816.681927	[redacted]	10 M	M32c	40657M32c	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6369.184681	4759.339311	[redacted]	40673M33k	EGWO		5908.417317	2630.319236	[redacted]	3 M	M33k	40673M33k	EGWC					6,777.225	3,144.662		
7279.070105	4432.321031	[redacted]	40703A09h	EGWO		9203.389831	2784.0668	[redacted]	2 A	A09h	40703A09h	EGWC					6,777.225	3,144.662		
6041.18832	3237.577177	[redacted]	40711A00c	EGWO	34	7293.333333	5000.183907	[redacted]	1 A	A00c	40711A00c	EGWC	44	47	3	10	7,859.686	4,412.051	2.65	10.15
7261.484098	4202.629709	[redacted]	40762A07d	EGWO	49	9609.271523	4466.168079	[redacted]	1 A	A07d	40762A07d	EGWC					9,442.146	3,989.588		
6491.248882	3081.033798	[redacted]	40894N65b	EGWO	32	3059.181096	3436.742231	[redacted]	31 N	N65b	40894N65b	EGWC	25	31	5	6	4,694.765	3,567.125	4.75	3.43
7298.667285	4183.304169	[redacted]	40967N63a	EGWO	40	5532.377553	3300.812597	[redacted]	12 N	N63a	40967N63a	EGWC	36	36	0	4	6,277.225	3,567.125	0.55	5.45
4785.907754	2848.330728	[redacted]	40983N66c	EGWO	34	5353.626531	3409.878535	[redacted]	61 N	N66c	40983N66c	EGWC	34	37	3	0	4,694.765	3,144.662	2.65	1.55
4219.595461	3661.818396	[redacted]	40983N66d	EGWO	31	3424.337003	3773.524981	[redacted]	72 N	N66d	40983N66d	EGWC	34	34	0	-3	4,694.765	3,567.125	0.55	2.35
4089.991926	3675.589598	[redacted]	41033K54c	EGWO	49	9469.929845	3477.465643	[redacted]	9 K	K54c	41033K54c	EGWC		49			9,442.146	3,989.588		
8361.703555	[redacted]	[redacted]	41033K54e	EGWO		7496.062992	4569.77	[redacted]	1 K	K54e	41033K54e	EGWC					7,859.686	3,989.588		
4299.4452	2959.770289	[redacted]	41041F84c	EGWO	33	5710.140194	3761.759043	[redacted]	28 F	M84c	41041F84c	EGWC	33	36	3	0	6,277.225	3,567.125	2.65	1.55
4521.677855	3848.991128	[redacted]	41092M34c	EGWO	49	6272.727273	3185.19	[redacted]	1 M	M34c	41092M34c	EGWC					6,777.225	3,567.125		
4459.240473	2752.917429	[redacted]	41149N71h	EGWO	43	8286.27451	4858.24445	[redacted]	2 N	N71h	41149N71h	EGWC	48	45	2	2	7,859.686	4,834.514	2.65	1.55
8255.093485	4379.594032	[redacted]	41165N62b	EGWO	43	7155.371874	4050.715366	[redacted]	25 N	N62b	41165N62b	EGWC	40	42	2	3	7,859.686	3,989.588	2.65	1.55
4005.350264	3481.508195	[redacted]	41297N61b	EGWO	40	4815.83185	2272.95514	[redacted]	2 N	N61b	41297N61b	EGWC	40	43	3	6	4,694.765	2,722.199	2.65	5.45
4132.211952	2834.018611	[redacted]	41319T94l	EGWO	28	3343.18284	2412.256039	[redacted]	39 T	T94l	41319T94l	EGWC	29	28	-1	-1	3,112.304	2,299.736	1.55	2.35
3865.471872	3239.913911	[redacted]	41319T94j	EGWO	25	4118.999275	3516.620891	[redacted]	3 T	T94j	41319T94j	EGWC	26	29	3	-1	4,694.765	2,722.199	2.65	2.35
4849.181329	3263.111589	[redacted]	41319T94k	EGWO	28	3264.778159	2364.413156	[redacted]	19 T	T94k	41319T94k	EGWC	26	26	0	2	3,112.304	2,299.736	0.55	1.55
4720.820469	3479.375899	[redacted]	41491F11a	EGWO		4019.607843	3350.28	[redacted]	2 F	F11a	41491F11a	EGWC					4,694.765	3,144.662		
4451.218638	2990.753084	[redacted]	41572A09	EGWO	42	8481.481481		[redacted]	1 A	A09	41572A09	EGWC		48			7,859.686			
5042.952296	3617.564067	[redacted]	41629N74c	EGWO	48	4765.108913	1463.218715	[redacted]	55 N	N74c	41629N74c	EGWC	42	43	1	6	4,694.765	2,722.199	0.55	5.45
5822.181641	2729.903909	[redacted]	41645F94j	EGWO	25	3745.303205	2556.449476	[redacted]	510 T	T94j	41645F94j	EGWC	26	29	3	-1	3,112.304	2,722.199	2.65	2.35
6974.571034	4254.407938	[redacted]	41668M56b	EGWO	31	3457.142857	2390.44	[redacted]	6 T	T56b	41668M56b	EGWC	26	31	5	5	3,112.304	2,299.736	4.75	5.45
5737.360099	3734.372998	[redacted]	41750T88a	EGWO	22	3772.290288	2526.099384	[redacted]	24 T	T88a	41750T88a	EGWC	21	24	3	-1	3,112.304	2,722.199	2.65	1.55
7155.016622	4203.8387	[redacted]	41815T93i	EGWO	26	3552.678605	2557.727466	[redacted]	74 T	T93i	41815T93i	EGWC	21	27	5	5	3,112.304	2,722.199	6.85	5.45
6761.483299	4141.46257	[redacted]	41866T88a	EGWO	25	4716.666667	3533.61	[redacted]	1 T	T88a	41866T88a	EGWC	24	27	3	1	4,694.765	2,722.199	2.65	1.55
6778.418352	4203.732296	[redacted]	41912N67a	EGWO	41	5821.710683	3343.462686	[redacted]	137 N	N67a	41912N67a	EGWC	39	43	4	2	6,277.225	3,144.662	4.75	1.55
7566.821317	4345.772936	[redacted]	41920T94i	EGWO	23	3520.642755	2717.568281	[redacted]	593 T	T94i	41920T94i	EGWC	21	24	3	2	3,112.304	2,722.199	2.65	1.55
9813.675155	3749.835441	[redacted]	41947T94e	EGWO	13	3164.643059	2786.299054	[redacted]	280 T	T94e	41947T94e	EGWC	14	18	4	1	3,112.304	2,722.199	4.75	2.35
6996.929765	4287.715099	[redacted]	41947T94f	EGWO	27	4386.093087	3201.312187	[redacted]	25 T	T94f	41947T94f	EGWC	25	29	4	2	4,694.765	3,144.662	4.75	1.55
7113.078611	4306.969122	[redacted]	42013N69c	EGWO	42	4848.599546	2796.92133	[redacted]	39 N	N69c	42013N69c	EGWC	35	41	6	7	4,694.765	2,722.199	6.85	5.45
6950.934099	3991.067122	[redacted]	42382N67a	EGWO	34	9834.979926	4423.743473	[redacted]	27 N	N67a	42382N67a	EGWC	35	38	3	-1	6,277.225	3,989.588	2.65	2.35
7299.342906	4230.

0114

7797,692368	4583,64542	[redacted]	44547796c	EGWO	28	3574,210807	1578,106727	[redacted]	318 T	796c	44547796c	EGWO	25	29	4	3	3,112.304	2,722.199	4.75	1.55			
7916,129032	3719,99368	[redacted]	44555796c	EGWO	26	3615,231065	2672,560117	[redacted]	243 T	796c	44555796c	EGWO	24	28	4	2	3,112.304	2,722.199	4.75	1.55			
7429,183789	4923,138804	[redacted]	44741f16	EGWO	[redacted]	4233,494118	4287,101	[redacted]	2 F	71f6	44741f16	EGWO	[redacted]				4,694.765	4,722.199					
5271,317715	3630,102789	[redacted]	44814N00c	EGWO	35	3120,565541	5148,188917	[redacted]	3 A	N00c	44814N00c	EGWO	44	46	2	9	7,859.686	4,412.051	2.65	10.15			
4191,455676	2898,594918	[redacted]	45116N05d	EGWO	49	6870,950465	2587,999168	[redacted]	20 A	N05d	45116N05d	EGWO		49			6,277.225	3,144.662					
11083,85022	3838,491529	[redacted]	43977f78d	EGWO	35	3773,933385	2454,486667	[redacted]	6 F	f78d	43977f78d	EGWO	26	32	6	9	3,112.304	2,722.199	6.83	9.35			
11679,42484	4303,472778	[redacted]	43985f78d	EGWO	31	3887,889398	2734,779923	[redacted]	4 F	f78d	45985f78d	EGWO	28	31	3	3	3,112.304	2,722.199	2.65	1.55			
4325,217996	2968,734177	[redacted]	47015N64c	EGWO	49	9516,507304	4338,802709	[redacted]	12 N	N64c	47015N64c	EGWO	47	49	2	2	9,442.146	3,989.588	2.65	1.55			
5058,915305	3882,099621	[redacted]	47171f97a	EGWO	26	3015,659156	2294,265714	[redacted]	8 T	f97a	47171f97a	EGWO	24	26	2	2	3,112.304	2,299.736	2.65	1.55			
6475,447131	3847,276735	[redacted]	47325f83a	EGWO	33	3573,93612	2385,419237	[redacted]	26 F	f83a	47325f83a	EGWO	29	31	2	4	3,112.304	2,299.736	2.65	5.45			
3323,952016	3336,272838	[redacted]	47511f83d	EGWO	28	3943,18204	2611,239139	[redacted]	8 T	f83d	47511f83d	EGWO	27	31	4	1	3,112.304	2,722.199	4.75	1.55			
5450,981108	4074,40312	[redacted]	47722f81a	EGWO	29	3898,287903	2742,868454	[redacted]	11 F	f81a	47722f81a	EGWO	28	31	3	1	3,112.304	2,722.199	2.65	1.55			
6754,807692	3947,642318	[redacted]	47740N73a	EGWO	49	6872,21837	3125,675888	[redacted]	23 N	N73a	47740N73a	EGWO	46	49	3	3	6,277.225	3,567.125	2.65	1.55			
3827,126212	3578,236366	[redacted]	47805N61d	EGWO	[redacted]	3334,026013	2755,613	[redacted]	2 N	N61d	47805N61d	EGWO					3,112.304	2,722.199					
6055,012976	3311,824718	[redacted]	47910f76g	EGWO	28	3951,12782	2840,146694	[redacted]	14 T	f76g	47910f76g	EGWO	28	32	4	0	4,694.765	2,722.199	4.75	1.55			
4067,962601	3325,145424	[redacted]	47929f96g	EGWO	25	3655,57039	2738,283745	[redacted]	59 T	f96g	47929f96g	EGWO	22	28	6	3	3,112.304	2,722.199	6.83	1.55			
7071,56563	4178,412317	[redacted]	47996f96g	EGWO	30	3466,400667	2419,209763	[redacted]	89 T	f96g	47996f96g	EGWO	25	30	5	5	3,112.304	2,299.736	4.75	5.45			
5457,304276	2750,140837	[redacted]	48000f96g	EGWO	29	3601,743185	2544,963739	[redacted]	31 T	f96g	48000f96g	EGWO	24	30	6	5	3,112.304	2,722.199	6.83	5.45			
4272,339796	2926,221343	[redacted]	48011f96g	EGWO	32	3713,49052	2534,719309	[redacted]	69 T	f96g	48011f96g	EGWO	28	33	5	4	3,112.304	2,299.736	4.75	5.45			
4141,472358	2604,669728	[redacted]	48046f96g	EGWO	32	3493,558164	2388,879209	[redacted]	42 T	f96g	48046f96g	EGWO	25	30	5	7	3,112.304	2,299.736	4.75	5.45			
3835,012727	3322,460556	[redacted]	48054f96g	EGWO	26	3664,046992	2716,017653	[redacted]	25 T	f96g	48054f96g	EGWO	25	29	4	1	3,112.304	2,722.199	4.75	1.55			
4361,44414	2949,326332	[redacted]	48062f96g	EGWO	30	3599,823491	2500,322928	[redacted]	79 T	f96g	48062f96g	EGWO	27	31	4	3	3,112.304	2,299.736	4.75	1.55			
3481,436497	3450,25132	[redacted]	48070f96g	EGWO	24	3806,316796	2638,658515	[redacted]	11 T	f96g	48070f96g	EGWO	21	27	6	3	3,112.304	2,722.199	6.83	1.55			
7276,138529	4041,1762	[redacted]	48089f96g	EGWO	28	3639,042497	2639,939109	[redacted]	25 T	f96g	48089f96g	EGWO	27	30	3	1	3,112.304	2,722.199	2.65	1.55			
7786,13284	4153,919987	[redacted]	48100f96g	EGWO	26	3765,829089	2789,879637	[redacted]	50 T	f96g	48100f96g	EGWO	29	30	4	0	3,112.304	2,722.199	4.75	1.55			
7587,714097	4362,484666	[redacted]	48119f96g	EGWO	28	4186,918285	3036,843799	[redacted]	11 T	f96g	48119f96g	EGWO	30	35	5	2	4,694.765	2,722.199	4.75	2.35			
8819,26161	4777,910233	[redacted]	48127f96g	EGWO	29	3842,822565	1747,031742	[redacted]	108 T	f96g	48127f96g	EGWO	29	32	3	0	3,112.304	2,722.199	2.65	1.55			
6778,151673	[redacted]	[redacted]	48133f96g	EGWO	28	3622,906388	2627,736987	[redacted]	47 T	f96g	48133f96g	EGWO	27	30	3	1	3,112.304	2,722.199	2.65	1.55			
4139,52381	2703,104656	[redacted]	48275N65c	EGWO	38	5376,812491	3291,306963	[redacted]	51 N	N65c	48275N65c	EGWO	30	38	8	8	4,694.765	3,144.662	8.95	9.35			
3901,322513	3370,951261	[redacted]	48305N63c	EGWO	34	4324,854651	2870,204024	[redacted]	16 N	N63c	48305N63c	EGWO	27	33	6	7	4,694.765	2,722.199	6.83	5.45			
4752,282571	3086,214829	[redacted]	48313N65c	EGWO	31	4148,849751	2864,265194	[redacted]	32 N	N65c	48313N65c	EGWO	28	31	3	3	4,694.765	2,722.199	2.65	1.55			
3501,747464	3178,619926	[redacted]	48321N65c	EGWO	35	4597,13608	2998,390635	[redacted]	16 N	N65c	48321N65c	EGWO	30	36	6	5	4,694.765	3,144.662	6.83	5.45			
5054,805432	3318,075827	[redacted]	48348f96f	EGWO	26	3498,357004	2395,429614	[redacted]	18 T	f96f	48348f96f	EGWO	22	27	5	4	3,112.304	2,722.199	4.75	5.45			
4586,169668	2731,889402	[redacted]	48372f96f	EGWO	27	3557,34505	2599,591786	[redacted]	39 T	f96f	48372f96f	EGWO	27	28	1	0	3,112.304	2,722.199	0.55	1.55			
4179,377088	3614,783176	[redacted]	48399f96f	EGWO	24	3706,026899	2822,533018	[redacted]	54 T	f96f	48399f96f	EGWO	20	25	5	4	3,112.304	2,722.199	4.75	5.45			
5475,362688	3636,101103	[redacted]	48402f96f	EGWO	26	3668,773823	2729,908799	[redacted]	32 T	f96f	48402f96f	EGWO	22	26	4	4	3,112.304	2,722.199	4.75	5.45			
5177,628552	3483,028831	[redacted]	48410f96f	EGWO	26	3731,922366	2777,454289	[redacted]	36 T	f96f	48410f96f	EGWO	22	27	5	4	3,112.304	2,722.199	4.75	5.45			
4487,791913	3609,522055	[redacted]	48429f96f	EGWO	25	3720,749182	2771,026567	[redacted]	66 T	f96f	48429f96f	EGWO	22	27	5	3	3,112.304	2,722.199	4.75	1.55			
3727,031984	3696,267833	[redacted]	48437f96f	EGWO	23	3907,260333	2999,74286	[redacted]	10 T	f96f	48437f96f	EGWO	22	26	4	1	4,694.765	2,722.199	4.75	1.55			
6945,956085	4164,551542	[redacted]	48445f96f	EGWO	26	3212,831385	2348,865404	[redacted]	38 T	f96f	48445f96f	EGWO	21	25	4	5	3,112.304	2,299.736	4.75	5.45			
3130,527802	3067,946894	[redacted]	48453f96f	EGWO	25	3572,611163	2663,98224	[redacted]	17 T	f96f	48453f96f	EGWO	23	28	5	2	3,112.304	2,722.199	4.75	1.55			
6092,254909	4133,147949	[redacted]	48488f96f	EGWO	26	3552,510636	2637,450892	[redacted]	58 T	f96f	48488f96f	EGWO	21	27	6	5	3,112.304	2,722.199	6.83	5.45			
6858,36721	4134,141138	[redacted]	48496f96f	EGWO	25	3621,981834	2700,587273	[redacted]	10 T	f96f	48496f96f	EGWO	19	26	4	6	3,112.304	2,722.199	6.83	5.45			
3352,11196	3916,903855	[redacted]	48611f94d	EGWO	20	3432,154703	2730,358546	[redacted]	18 T	f94d	48611f94d	EGWO	20	23	3	0	3,112.304	2,722.199	2.65	1.55			
2908,029309	3065,712562	[redacted]	48611f94d	EGWO	24	3697,066293	2808,800002	[redacted]	48 T	f94d	48611f94d	EGWO	24	28	4	0	3,112.304	2,722.199	4.75	1.55			
6484,51264	3054,90818	[redacted]	48628f94d	EGWO	24	3857,843718	2934,16062	[redacted]	24 T	f94d	48628f94d	EGWO	25	30	5	1	3,112.304	2,722.199	4.75	2.35			
6495,418037	3933,045963	[redacted]	48682f94d	EGWO	20	3409,914712	2730,245277	[redacted]	18 T	f94d	48682f94d	EGWO	17	23	6	3	3,112.304	2,722.199	6.83	1.55			
6399,331168	3046,544139	[redacted]	48879f97d	EGWO	27	3281,543599	2401,658951	[redacted]	155 T	f97d	48879f97d	EGWO	22	26	4	5	3,112.304	2,299.736	4.75	5.45			
6394,52885	3885,19116	[redacted]	48887f97d	EGWO	20	3263,32403	2608,866842	[redacted]	19 T	f97d	48887f97d	EGWO	20	23	3	0	3,112.304	2,722.199	2.65	1.55			
1142,42488	3840,96474	[redacted]	48897f97d	EGWO	26	3376,468	2492,082096	[redacted]	78 T	f97d	48897f97d	EGWO	22	27	5	4	3,112.304	2,299.736	4.75	5.45			
7149,130519	4091,667856	[redacted]	48909f97d	EGWO	24	3261,07453	2478,614545	[redacted]	44 T	f97d	48909f97d	EGWO	20	25	5	4	3,112.304	2,299.736	4.75	5.45			
6190,029943	3917,83589	[redacted]	48917f97d	EGWO	26	3350,947869	2473,210022	[redacted]	96 T	f97d	48917f97d	EGWO	22	27	5	4	3,112.304	2,299.736	4.75	5.45			
5477,112927	2804,80227	[redacted]	48933f97d	EGWO	23	3407,014932	2620,360997	[redacted]	150 T	f97d	48933f97d	EGWO	22	26	4	1	3,112.304	2,722.199	4.75	1.55			
7970,779289	4305,882082	[redacted]	48941f97d	EGWO	21	3312,963079	2602,894286	[redacted]	35 T	f97d	48941f97d	EGWO	21	24	3	0	3,112.304	2,722.199	2.65	1.55			
6444,17309	4193,184067	[redacted]	48968f97d	EGWO	23	3471,264422	2590,750731	[redacted]	108 T	f97d	48968f97d	EGWO	24	27	3	1	3,112.304	2,722.199	2.65	1.55			
5179,54142	3968,256376	[redacted]	48976f97d	EGWO	19	3207,417313	2677,268161	[redacted]	20 T	f97d	48976f97d	EGWO	20	22	2	1	3,112.304	2,722.199	2.65	2.35			
8061,262154	4228,581043	[redacted]	48984f97d	EGWO	29	3555,100094	2484,590415	[redacted]	24 T	f97d	48984f97d	EGWO	27	30	3	2	3,112.304	2,299.736	2.65	1.55			
10209,18018	[redacted]	[redacted]	49001f97d	EGWO	21	3312,550305	2613,370449	[redacted]	56 T	f97d	49001f97d	EGWO	18	24	6	3	3,112.304	2,722.199	6.83	1.55			
7970,823616	4318,515714	[redacted]	49026f97d	EGWO	22	3481,927274	2720,939885	[redacted]	62 T	f97d	49026f97d	EGWO	21	25	4	1	3,112.304	2,722.199	4.75	1.55			
6403,018348	3988,480612	[redacted]	49134f97c	EGWO	29	3661,814345	2614,397528	[redacted]	60 T	f97c	49134f97c	EGWO	26	30	4	3	3,112.304	2,722.199	4.75	1.55			
6919,23516	4280,736172	[redacted]	49166f97c	EGWO	26	3660,364912	2718,621529	[redacted]	59 T	f97c	49166f97c	EGWO	25	28	3	1	3,112.304	2,722.199	2.65	1.55			
5984,024646	3860,613434	[redacted]	49174f97c	EGWO	25	3737,93855	2831,752638	[redacted]	71 T	f97c	49174f97c	EGWO	24	28	4	1	3,112.304	2,722.199	4.75	1.55			
7265,802019	4391,41808	[redacted]	49182f97c	EGWO	23	3709,470167	2797,777641	[redacted]	133 T	f97c	49182f97c	EGWO	24	28	4	1	3,112.304	2,722.199	4.75	1.55			
6986,126954	4251,513798	[redacted]	49190f97c	EGWO	25	3749,864652	2807,533316	[redacted]	88 T	f97c	49190f97c	EGWO	25	29	4	0	3,112.304	2,722.199	4.75	1.55			
5490,681927	3663,765132	[redacted]	49204f97c	EGWO	20	3151,513216	2525,564299	[redacted]	133 T	f97c	49204f97c	EGWO	20	23	3	0	3,112.304	2,299.736	2.65	1.55			
6139,963112	4043,193793	[redacted]	49214f97c	EGWO	26	3749,099931	2790,38702	[redacted]	128 T	f97c	49214f97c	EGWO	23	29	4	1	3,112.304	2,722.199	4.75	1.55			
5960,914513	3854,820225	[redacted]	49220f97c	EGWO	25	3850,4228	2898,243766	[redacted]	111 T	f97c	49220f97c	EGWO	25	30	3	1	3,112.304	2,722.199	2.65	2.35			
6047,950054	4048,242903	[redacted]	49239f97c	EGWO	28	3635,879998	2609,882117	[redacted]	93 T	f97c	49239f97c	EGWO	26	30	4	2	3,112.304	2,722.199	4.75	1.55			
6013,548779	4033,834006	[redacted]	49247f97c	EGWO	25	3796,238785	2832,68837	[redacted]	21 T	f97c	49247f97c	EGWO	26	30	4	1	3,112.304	2,722.199	4.75	2.35			
5819,815136	4197,336864	[redacted]	49253f97c	EGWO	26	3707,375796	2755,486913	[redacted]	31 T	f97c	49253f97c	EGWO	25	29	3	0	3,112.304	2,722.199	2.65	1.55			
6080,638967	4037,216216	[redacted]	49263f97c	EGWO	25	3967,211226	2986,645945	[redacted]	21 T	f97c	49263f97c	EGWO	26	29	3	1	4,694.765	2,722.199	2.65	2.35			
6373,849381	4126,438309	[redacted]	49271f97c	EGWO	26	3645,833333	2688,053018	[redacted]	15 T	f97c	49271f97c	EGWO	25	29	4	1	3,112.304	2,722.199	4.75	1.55			
6419,257091	4136,556313	[redacted]	49298f97c	EGWO	29	3819,70096	2709,213262	[redacted]	44 T	f97c	49298f97c	EGWO	28	32	4	1	3,112.304	2,722.199	4.75	1.55			
6007,922321	4035,210237	[redacted]	49301f97c	EGWO	24	3490,996658	2660,461786	[redacted]	30 T	f97c	49301f97c	EGWO	23	26	3	1	3,112.304	2,722.199	2.65	1.55			
6344,746461	4016,063497	[redacted]	49328f97c	EGWO	23	3706,287044	2853,558809	[redacted]	20 T	f97c	49328f97c	EGWO	22	25	3	1	3,112.304	2,722.199	2.65	1.55			
6803,720937	3911,125832	[redacted]	49336f97c	EGWO	23	3396,206226	2598,927629	[redacted]	15 T	f97c	49336f97c	EGWO	20	25	5	3	3,112.304	2,722.199	4.75	1.55			
6758,58772	4111,703134	[redacted]	49344f97c	EGWO	23	3630,702003	2704,039611	[redacted]	44 T	f97c	49344f97c	EGWO	23	29	4	0	3,112.304	2,722.199	4.75	1.55			
3411,659222	2442,396026	[redacted]	49352f97c	EGWO	25	3524,053796	3652,744349	[redacted]	34 T	f97c	49352f97c	EGWO	23	27	4	2	3,112.304	2,722.199	4.75	1.55			
3089,664144	3079,553096	[redacted]	49360f97c	EGWO	24	4061,633544	3082,199722	[redacted]	60 T	f97c	49360f97c	EGWO	27	30	3	3	4,694.765	2,722.199	2.65	2.35			
5441,17368	3072,881533	[redacted]	49409f81e	EGWO	26	4281,812125	3157,440129	[redacted]	19 F	f81e	49409f81e	EGWO	29	31	2	3	4,694.765	3,144.662	2.65	2.35			
6635,586248	4191,807474	[redacted]	49474f81d	EGWO	28	4764,914776	3691,909474	[redacted]	36 F	f81d	49474f81d	EGWO	29	35	2	6	4,694.765	2,777.194	3.65	1.55			
4542,791005	3243,829062	[redacted]	49824f78d	EGWO	34	4689,602011	3119,763091	[redacted]	8 F	f78d	49824f78d	EGWO	35	37	2	1	4,694.765	3,144.662	2.65	2.35			
4629,266681	3227,08588	[redacted]	49956f98a	EGWO	29	3925,593888	2523,577829	[redacted]	32 T	f98a	49956f98a	EGWO	23	28	5	6	3,112.304	2,722.199	4.75	5.45			
4971,321722	3175,60313	[redacted]	49962f46c	EGWO	47	7792,261905	5714,55259	[redacted]	1 N	N46c	49962f46c	EGWO	42	46	4	5	7,859.686	5,567.125	4.75	5.45			
5025	4083,105108	[redacted]	50059f98a	EGWO	30	3521,813502	2449,111306	[redacted]	19 T	f98a	50059f98a	EGWO	23	28	5	5	3,112.304	2,722.199	4.75	5.45			
7805,023176	4478,58406	[redacted]	50067f98a	EGWO	30	3760,697549	2470,45674	[redacted]	21 T	f98a	50067f98a	EGWO	25	29	4	5	3,112.304	2,722.199	4.75	5.45			
3757,233625	3606,609252	[redacted]	50073f98a	EGWO	26	3867,060756	2781,783918	[redacted]	25 T	f98a	50073f98a	EGWO	26	29	3	0	3,112.304	2,722.199	2.65	1.55			
6529,760419	[redacted]	[redacted]	50127f74a	EGWO	36	5471,043296	3417,738533	[redacted]	15 N	N74a	50127f74a	EGWO	40	43	3	4	4,694.765	3,144.662	2.65	2.35			
7335,673422	4471,824896	[redacted]	50180N62a	EGWO	39	5133,670253	2903,699633	[redacted]	28 N	N62a	50180N62a	EGWO	37	40	3	2	4,694.765	3,144.662	2.65	1.55			
7272,378693	4346,409569	[redacted]	50199N68d	EGWO	40	4741,874184	2833,249888	[redacted]	9 N	N68d	50199N68d	EGWO	37	39	2	3	4,694.765	2,722.199	2.65	1.55			
7190,589505	4403,5914	[redacted]	50202N68d	EGWO	40	4295,04485	2561,333732	[redacted]	17 N	N68d	50202N68d	EGWO	36	37	1	4	4,694.765	2,722.199	0.55	1.55			
6584,279097	3993,956728	[redacted]	50210f89a	EGWO	43	4489,354351	2521,19822	[redacted]	25 F	f89a	50210f89a	EGWO	37	39	2	6	4,694.765	2,722.199	2.65	5.45			
8300,928668	4522,522248	[redacted]	50253f22b	EGWO	[redacted]	8368,421053	3573,6958	[redacted]	1 E	f22b	50253f22b	EGWO					9,442.146	3,567.125					
5664,240035	4023,673938	[redacted]	51713f84a	EGWO	35	4122,224361	2678,216667	[redacted]	12 F	f84a	51713f84a	EGWO	31	34	3	4	4,694.765	2,722.199	2.65	5.45			
6349,122036	4372,544003	[redacted]	51718f84a	EGWO	38	4260,889605	2639,392265	[redacted]	31 F	f84a	51718f84a	EGWO	34	37	3	4	4,694.765	2,722.199	2.65	5.45			
7858,447145	4380,75904	[redacted]	51748f84a	EGWO	38	4216,73912	2464,991746	[redacted]	30 F	f84a	51748f84a	EGWO	31	35	4	7	4,694.765	2,722.199	4.75	5.45			
6225,249897	4203,628275	[redacted]	51764f84a	EGWO	34	4066,405098	2653,969175	[redacted]	68 F	f84a	51764f84a	EGWO	30	34	4	4	4,694.765	2,722.199	4.75	5.45			
6751,426927	4280,483484	[redacted]	51772f84a	EGWO	38	4065,127326	2464,981865	[redacted]	16 F	f84a	51772f84a	EGWO	34	35	1	4	4,694.765	2,722.199	0.55	5.45			
7847,544443	4489,594241	[redacted]	51780f84a	EGWO	37	4051,933058	2323,395798	[redacted]	21 F	f84a	51780f84a	EGWO	30	34	4	7	4,694.765	2,722.199	4.75	5.45			
7169,512177	4153,824066	[redacted]	51799f84a	EGWO	38	4193,361491	2615,047495	[redacted]	62 F	f84a	51799f84a	EGWO	32	36	4	6	4,694.765	2,722.199	4.75	5.45			
7006,908774	4282,242603	[redacted]	51810f84a	EGWO	38	4100,951796	2552,654306	[redacted]	54 F	f84a	51810f84a	EGWO	32	35	3	6	4,694.765	2,722.199	2.65	5.45			
5240,454645	2522,041806	[redacted]	51829f84a	EGWO	38	4104,334567	2533,967	[redacted]	72 F	f84a	51829f84a	EGWO	31	36	5	7	4,694.765	2,722.199	4.75	5.45			
7894,178922	3386,413457	[redacted]	51837f84a	EGWO	35	3928,571429	2538,95	[redacted]	8 F	f84a	51837f84a	EGWO	33	35	2	2	4,694.765	2,722.199	2.65	1.55			
5270,922365	3563,497003	[redacted]	51861N65c	EGWO	38	4699,295544	2771,113294	[redacted]	8 N	N65c	51861N65c	EGWO	30	38	8	8	4,694.765	2,722.199	8.95	9.35			
4190,89599	3739,121512	[redacted]	51888N65c	EGWO	38	4536,035201	2663,035007	[redacted]	98 N	N65c	51888N65c	EGWO	35	38	3	3	4,694.765	2,722.199	2.65	1.55			
8428,571429	3921,868822	[redacted]	51896N65c	EGWO	38	4322,590295	2601,683837	[redacted]	22 N	N65c	51896N65c	EGWO	30	37	7	8	4,694.765	2,722.199	6.83	9.35			
8223,855288	4603,846607	[redacted]	51918N65c	EGWO	38	4754,941022	2801,213189	[redacted]	10 N	N65c	51918N65c	EGWO	35	38	3	3	4,694.765	2,722.199	2.65	1.55			
8181,601181	4021,718405	[redacted]	52027f47c	EGWO	49	9566,153846	2262,2723	[redacted]	1 K	f47c	52027f47c	EGWO	49	49			9,442.146						
7901,57236	4613,939243	[redacted]	52027f47c	EGWO	49	7996,805112	3158,38719	[redacted]	1 K	f47c	52027f47c	EGWO	49	49	0	0	7,859.686		0.55	1.55			
7692,017476	4576,819018	[redacted]	52035M33h	EGWO	42	6115,461065	3518,124439	[redacted]	18 M	M33h	52035M33h	EGWO	46	44	2	4	6,277.225	3,567.125	1.55	2.35			
7011,207715	[redacted]	[redacted]	52167f77c	EGWO	35	4464,512698	2828,77677	[redacted]	23 F	f77c	52167f77c	EGWO	32	36	4	3	4,694.765	2,722.199	4.75	1.55			
7019,112793	4192,842718	[redacted]	52173f77c	EGWO	35	4402,70708	2720,182494	[redacted]	9 F	f77c	52173f77c	EGWO	34	36	2	1	4,694.765	2,722.199	2.65	1.55			
7132,978723	2962,895967	[redacted]	52183f77c	EGWO	35	4415,073337	2753,664302	[redacted]	6 F	f77c	52183f77c	EGWO	32	36	4	3	4,694.765	2,722.199	4.75	1.55			
6812,434669	4152,426836	[redacted]	52191f77c	EGWO	35	4473,924246	2827,319982	[redacted]	10 F	f77c	52191f77c	EGWO	31	36	5	4	4,694.765	2,722.199	4.75	5.45			
6141,029218	4138,218313	[redacted]	52205f77c	EGWO	35	4236,318955	2773,540338	[redacted]	16 F	f77c	52205f77c	EGWO	30	35	5	5	4,694.765	2,722.199	4.75	5.45			
6216,124802	4109,776768	[redacted]	52213f77c	EGWO	35	4627,321033	2964,665217	[redacted]	8 F	f77c	52213f77c	EGWO	32	36	4	3	4,694.765	3,144.662	4.75	1.55			
4200,659158	3635,210267	[redacted]	52221f77c	EGWO	35	4470,221125	2906,457942	[redacted]	5 F	f77c	52221f77c	EGWO	30	34	4	5	4,694.765	3,144.662	4.75	5.45			
3967,442936	[redacted]	[redacted]	52264f66g	EGWO	34	4773,436406	3131,733999	[redacted]	15 N	N66g	52264f66g	EGWO	33	38	5	1	4,694.765	3,144.662	4.75	1.55			
4308,751634	3445,583068	[redacted]	52272f66g	EGWO	28	4150,281855	2594,616484	[redacted]	13 N	N66g	52272f66g	EGWO	32	37	5	6	4,694.765	2,722.199	4.75	5.45			
4533,451056	2533,6588	[redacted]	52280f66g	EGWO	33	4023,550725	2713,926667	[redacted]	6 N	N66g	52280f66g	EGWO	32	33	1	1	4,694.765	2,722.199	0.55	1.55			
5121,209651	3964,88225	[redacted]	52299f66g	EGWO	33	4021,73913	2713,926667	[redacted]	6 N	N66g	52299f66g	EGWO	32	33	1	1	4,694.765	2,722.199	0.55	1.55			
6073,548998	3752,934215	[redacted]	52302f66g	EGWO	36	3936,675256	2507,309935	[redacted]	11 N	N66g	52302f66g	EGWO	34	34	0	2	4,694.765	2,722.199	0.55	1.55			
5138,280488	3701,140732	[redacted]	52337f66g	EGWO	34	4330,028058	2797,148727	[redacted]	6 N	N66g	52337f66g	EGWO	31	34	3	3	4,694.765	2,722.199	2.65	1.55			
6846,042048	4205,21689	[redacted]	52345f66g	EGWO	32	3780,558858	2556,033889

7415,062419	3438,856666	[redacted]	53503F79b	EGWO	34	4252,583067	2798,12752	[redacted]	13 F	779b	53503F79b	EGWG	33	37	4	1	4,694.765	2,722.199	4.75	1.55
7413,446738		[redacted]	53538F88b	EGWO	32	4614,606061	3252,726429	[redacted]	14 F	788b	53538F88b	EGWG	28	34	6	4	4,694.765	3,144.662	6.85	5.45
9,195,939019	3174,3/3943	[redacted]	53549F88D	EGWO	39	4489,641343	2858,/2/32	[redacted]	47 F	788D	53549F88D	EGWG	32	39	4	4	4,694.765	2,722.199	4.75	3.43
6734,649227	4339,767918	[redacted]	53554F88b	EGWO	36	4512,199391	2895,422798	[redacted]	27 F	788b	53554F88b	EGWG	32	37	5	4	4,694.765	2,722.199	4.75	5.45
4471,584638	2868,012778	[redacted]	53562F88b	EGWO	42	4341,807425	2431,956696	[redacted]	31 F	788b	53562F88b	EGWG	37	40	3	5	4,694.765	2,722.199	2.65	5.45
8014,83021	4197,049354	[redacted]	53589F88b	EGWO	42	4336,446316	2448,183803	[redacted]	37 F	788b	53589F88b	EGWG	37	40	3	5	4,694.765	2,722.199	2.65	5.45
8709,971834	4539,119916	[redacted]	53597F88b	EGWO	34	4488,516943	2930,618285	[redacted]	28 F	788b	53597F88b	EGWG	31	37	6	3	4,694.765	2,722.199	6.85	1.55
9408,184478		[redacted]	53600F88b	EGWO	36	4476,991848	2869,53172	[redacted]	25 F	788b	53600F88b	EGWG	32	37	5	4	4,694.765	2,722.199	4.75	5.45
8433,799166	3989,18428	[redacted]	53619F88b	EGWO	32	4859,440559	3141,170181	[redacted]	13 F	788b	53619F88b	EGWG	28	36	8	4	4,694.765	3,144.662	8.95	5.45
10195,23671		[redacted]	53635N67b	EGWO	37	4444,497265	2692,488235	[redacted]	15 N	N67b	53635N67b	EGWG	32	35	3	5	4,694.765	2,722.199	2.65	5.45
8496,744891	4218,985117	[redacted]	53643N67b	EGWO	39	4572,008262	2664,942571	[redacted]	36 N	N67b	53643N67b	EGWG	35	38	3	4	4,694.765	2,722.199	2.65	3.43
8956,808514		[redacted]	53651N67b	EGWO	41	4390,848188	2612,603827	[redacted]	64 N	N67b	53651N67b	EGWG	35	37	2	6	4,694.765	2,722.199	2.65	5.45
7854,917166		[redacted]	53678N67b	EGWO	36	4720,761306	2996,7175	[redacted]	4 N	N67b	53678N67b	EGWG	32	35	3	4	4,694.765	3,144.662	2.65	5.45
11720,92896	4314,381612	[redacted]	53686N67b	EGWO	33	4072,02202	2707,367884	[redacted]	77 N	N67b	53686N67b	EGWG	28	33	5	5	4,694.765	2,722.199	4.75	3.43
7803,680442	4352,630084	[redacted]	53694N67b	EGWO	41	4427,846044	2992,446178	[redacted]	52 N	N67b	53694N67b	EGWG	37	40	3	4	4,694.765	2,722.199	2.65	5.45
5604,643785	4019,253642	[redacted]	53708N67b	EGWO	34	4156,85761	2726,236116	[redacted]	10 N	N67b	53708N67b	EGWG	30	34	4	4	4,694.765	2,722.199	4.75	5.45
7640,3149	4395,857769	[redacted]	53716N67b	EGWO	31	3933,703019	2740,739545	[redacted]	22 N	N67b	53716N67b	EGWG	28	31	3	3	4,694.765	2,722.199	2.65	1.55
6732,860865	4141,190198	[redacted]	53724N67b	EGWO	34	4162,010626	2758,612557	[redacted]	40 N	N67b	53724N67b	EGWG	30	33	3	4	4,694.765	2,722.199	2.65	5.45
7499,426061	4403,119371	[redacted]	53732N67b	EGWO	33	4216,666667	2821,728667	[redacted]	6 N	N67b	53732N67b	EGWG	30	32	2	3	4,694.765	2,722.199	2.65	1.55
6709,677419	3248,114247	[redacted]	53740N67b	EGWO	34	4144,894671	2752,007222	[redacted]	18 N	N67b	53740N67b	EGWG	30	33	3	4	4,694.765	2,722.199	2.65	5.45
7929,417013	4312,924386	[redacted]	53767F77d	EGWO	40	4484,593838	2678,912781	[redacted]	7 F	77fc	53767F77d	EGWG	34	38	4	6	4,694.765	2,722.199	4.75	5.45
7276,861933	4377,295909	[redacted]	53848N66C	EGWO	30	3411,879884	2400,202539	[redacted]	83 N	N66C	53848N66C	EGWG	27	29	2	3	3,112.304	2,299.736	2.65	1.55
7791,890663	4412,079725	[redacted]	53856N66C	EGWO	30	3584,562468	2484,342836	[redacted]	86 N	N66C	53856N66C	EGWG	29	31	2	1	3,112.304	2,299.736	2.65	1.55
7843,218665	4471,464479	[redacted]	53864N66C	EGWO	30	3951,718644	2771,928413	[redacted]	71 N	N66C	53864N66C	EGWG	27	32	5	3	4,694.765	2,722.199	4.75	1.55
6611,84648	4123,024599	[redacted]	53872N66C	EGWO	30	3927,296932	2742,174063	[redacted]	87 N	N66C	53872N66C	EGWG	27	32	5	3	4,694.765	2,722.199	4.75	1.55
7225,018672	4301,296181	[redacted]	53880T83b	EGWO	25	3295,239228	2464,082503	[redacted]	20 T	T83b	53880T83b	EGWG	21	27	6	4	3,112.304	2,299.736	6.85	5.45
6576,500691	4033,476432	[redacted]	53902T83b	EGWO	25	3553,352141	2674,128511	[redacted]	29 T	T83b	53902T83b	EGWG	24	28	4	1	3,112.304	2,722.199	4.75	1.55
4137,948942	3714,387354	[redacted]	53988N66c	EGWO	28	4024,716492	2873,130806	[redacted]	12 N	N66c	53988N66c	EGWG	23	30	3	3	4,694.765	2,722.199	4.75	1.55
4644,124498	2698,083753	[redacted]	53996N66C	EGWO	31	4190,073529	2914,484607	[redacted]	17 N	N66C	53996N66C	EGWG	26	32	6	5	4,694.765	2,722.199	6.85	5.45
4768,299348	4094,146763	[redacted]	54003N66C	EGWO	33	3349,368546	2354,895393	[redacted]	58 N	N66C	54003N66C	EGWG	30	32	2	3	3,112.304	2,299.736	2.65	1.55
6622,156322	4239,24691	[redacted]	54011N66C	EGWO	31	3502,258282	2333,064211	[redacted]	19 N	N66C	54011N66C	EGWG	34	32	2	3	3,112.304	2,299.736	1.55	2.35
4494,517969	3728,116405	[redacted]	54038N66C	EGWO	29	4237,886403	2889,628	[redacted]	5 N	N66C	54038N66C	EGWG	29	32	3	0	4,694.765	2,722.199	2.65	1.55
6377,723897	4388,880345	[redacted]	54062F88G	EGWO	41	3969,000123	2347,127199	[redacted]	20 F	788G	54062F88G	EGWG	34	37	3	7	4,694.765	2,299.736	2.65	5.45
5818,993658	3753,778749	[redacted]	54070F88F	EGWO	40	4162,555678	2501,39409	[redacted]	41 F	788F	54070F88F	EGWG	35	38	3	5	4,694.765	2,722.199	2.65	5.45
7960,000329	4636,700321	[redacted]	54079F83F	EGWO	35	4236,559882	2734,398143	[redacted]	69 F	783F	54079F83F	EGWG	32	36	4	3	4,694.765	2,722.199	4.75	1.55
4828,084114	2735,295807	[redacted]	54100F88F	EGWO	40	4266,140546	2574,934698	[redacted]	74 F	788F	54100F88F	EGWG	34	38	4	6	4,694.765	2,722.199	4.75	5.45
4997,470468	3980,464008	[redacted]	54119F88F	EGWO	36	3958,482779	2517,459539	[redacted]	71 F	788F	54119F88F	EGWG	32	34	2	4	4,694.765	2,722.199	2.65	5.45
4227,320891	2933,383737	[redacted]	54143F88F	EGWO	28	4332,816996	2687,130023	[redacted]	89 F	788F	54143F88F	EGWG	32	36	4	6	4,694.765	2,722.199	4.75	5.45
4008,338899		[redacted]	54153F88F	EGWO	34	4741,132438	2939,522102	[redacted]	43 F	788F	54153F88F	EGWG	34	38	4	0	4,694.765	3,144.662	4.75	1.55
6324,019176	4010,656045	[redacted]	54178F88F	EGWO	37	4453,319818	2796,633162	[redacted]	40 F	788F	54178F88F	EGWG	34	38	4	3	4,694.765	2,722.199	4.75	1.55
6347,478469	4116,520192	[redacted]	54186F88F	EGWO	39	4191,963952	2576,728042	[redacted]	23 F	788F	54186F88F	EGWG	32	36	4	7	4,694.765	2,722.199	4.75	5.45
6268,667912	4124,145933	[redacted]	54194F88F	EGWO	40	4125,562116	2478,266722	[redacted]	28 F	788F	54194F88F	EGWG	34	38	4	6	4,694.765	2,722.199	4.75	5.45
6027,186136	4099,60/9	[redacted]	54208F88F	EGWO	38	4140	2979,03	[redacted]	4 F	788F	54208F88F	EGWG	34	37	3	4	4,694.765	2,722.199	2.65	5.45
6379,583847	4132,697449	[redacted]	54216F88F	EGWO	40	4246,20347	2553,456507	[redacted]	22 F	788F	54216F88F	EGWG	34	37	3	6	4,694.765	2,722.199	2.65	5.45
6266,282752	4108,959269	[redacted]	54224F88F	EGWO	39	4382,361191	2671,585791	[redacted]	51 F	788F	54224F88F	EGWG	35	38	3	4	4,694.765	2,722.199	2.65	5.45
6604,117792	4148,0487	[redacted]	54232F88F	EGWO	43	4248,729836	2806,139922	[redacted]	40 F	788F	54232F88F	EGWG	37	40	3	6	4,694.765	2,722.199	2.65	5.45
6228,666667	3915,807508	[redacted]	54283F88c	EGWO	38	4254,34277	2618,422949	[redacted]	57 F	788c	54283F88c	EGWG	32	35	3	6	4,694.765	2,722.199	2.65	5.45
6058,64547	4042,719113	[redacted]	54291F88o	EGWO	39	4297,647922	2630,598722	[redacted]	148 F	788o	54291F88o	EGWG	34	37	3	5	4,694.765	2,722.199	2.65	5.45
5152,219902	3655,366549	[redacted]	54305F88c	EGWO	38	4288,269311	2503,958776	[redacted]	65 F	788c	54305F88c	EGWG	34	37	3	4	4,694.765	2,722.199	2.65	5.45
7605,959426	3347,918902	[redacted]	54348F88c	EGWO	36	4325,118899	2524,418704	[redacted]	48 F	788c	54348F88c	EGWG	32	36	4	4	4,694.765	2,722.199	4.75	5.45
7662,97181	4393,914266	[redacted]	54356F88c	EGWO	42	4227,710135	1467,521937	[redacted]	58 F	788c	54356F88c	EGWG	35	39	4	7	4,694.765	2,722.199	4.75	5.45
7794,162728	3926,807233	[redacted]	54364F88E	EGWO	39	4238,484848	2399,534074	[redacted]	3 F	788E	54364F88E	EGWG	34	37	3	5	4,694.765	2,722.199	2.65	3.43
7277,715933	4391,672556	[redacted]	54372F88c	EGWO	39	4201,702611	2529,662232	[redacted]	59 F	788c	54372F88c	EGWG	33	37	4	6	4,694.765	2,722.199	4.75	5.45
6864,040601	4374,631996	[redacted]	54380F88c	EGWO	40	4032,545455	2410,218571	[redacted]	7 F	788c	54380F88c	EGWG	33	37	4	7	4,694.765	2,722.199	4.75	5.45
3876,398961	2466,134478	[redacted]	54388F88i	EGWO	41	4039,636903	2384,951538	[redacted]	39 F	788i	54388F88i	EGWG	34	37	3	7	4,694.765	2,722.199	2.65	3.43
4284,799406	2895,548464	[redacted]	54398F88i	EGWO	43	4285,077289	2339,409876	[redacted]	29 F	788i	54398F88i	EGWG	34	38	4	6	4,694.765	2,722.199	2.65	5.45
3659,562538	3417,070786	[redacted]	54585F88i	EGWO	29	5268,784271	4630,29	[redacted]	3 F	788i	54585F88i	EGWG	27	30	3	2	4,694.765	4,412.051	2.65	1.55
6845,37041	4257,408226	[redacted]	54739F88i	EGWO	34	4228,820536	2637,852759	[redacted]	14 F	788i	54739F88i	EGWG	30	34	4	4	4,694.765	2,722.199	4.75	5.45
3730,577525	2568,648898	[redacted]	54751F78b	EGWO	35	3978,185079	2571,285566	[redacted]	37 F	778b	54751F78b	EGWG	33	34	1	2	4,694.765	2,722.199	0.55	1.55
9656,28035		[redacted]	54763F79D	EGWO	22	3322,338796	2286,696706	[redacted]	51 T	79bD	54763F79D	EGWG	24	24	0	2	3,112.304	2,722.199	0.55	2.35
8089,118872	4269,41545	[redacted]	54895F88i	EGWO	40	4778,689731	2829,74838	[redacted]	162 F	788i	54895F88i	EGWG	38	42	4	2	4,694.765	2,722.199	4.75	1.55
6500,108202	4133,459798	[redacted]	54909F88i	EGWO	38	4613,273812	2878,240407	[redacted]	110 F	788i	54909F88i	EGWG	35	39	4	3	4,694.765	2,722.199	4.75	1.55
4620,896333	2987,081603	[redacted]	54917F88i	EGWO	36	4663,280838	2892,085137	[redacted]	16 F	788i	54917F88i	EGWG	34	38	4	2	4,694.765	2,722.199	4.75	1.55
3754,965839	3544,134711	[redacted]	54925F88i	EGWO	35	4682,91234	2869,225534	[redacted]	66 F	788i	54925F88i	EGWG	35	38	3	0	4,694.765	2,722.199	2.65	1.55
3915,719088	2493,851619	[redacted]	54933F88i	EGWO	40	4326,470832	2573,589234	[redacted]	7 F	788i	54933F88i	EGWG	38	40	2	2	4,694.765	2,722.199	2.65	1.55
4037,264151	3293,516086	[redacted]	54941F88i	EGWO	40	4444,136634	2676,983232	[redacted]	10 F	788i	54941F88i	EGWG	33	39	4	3	4,694.765	2,722.199	4.75	3.43
7208,562367	4443,303172	[redacted]	54949F88i	EGWO	38	4330,873103	2536,994175	[redacted]	39 F	788i	54949F88i	EGWG	36	37	1	2	4,694.765	2,722.199	0.55	1.55
6410,870614	4080,700553	[redacted]	54992F88i	EGWO	38	4791,584733	3043,895969	[redacted]	4 F	788i	54992F88i	EGWG	36	39	3	2	4,694.765	3,144.662	2.65	1.55
6632,658627	4233,216356	[redacted]	55018F88i	EGWO	38	4837,78626	3070,131908	[redacted]	4 F	788i	55018F88i	EGWG	36	39	3	2	4,694.765	3,144.662	2.65	1.55
7683,379693	4567,083037	[redacted]	55024F88i	EGWO	38	4896,946565	3099,763816	[redacted]	4 F	788i	55024F88i	EGWG	36	39	3	2	4,694.765	3,144.662	2.65	1.55
7726,561636	4496,571573	[redacted]	55034F88i	EGWO	38	4832,061069	3062,596236	[redacted]	4 F	788i	55034F88i	EGWG	36	39	3	2	4,694.765	3,144.662	2.65	1.55
2409,031929	3529,847397	[redacted]	55042F88i	EGWO	38	4835,877863	3064,782564	[redacted]	4 F	788i	55042F88i	EGWG	36	39	3	2	4,694.765	3,144.662	2.65	1.55
4484,839468	4255,887703	[redacted]	55069F88i	EGWO	34	4634,377484	3069,753924	[redacted]	22 F	788i	55069F88i	EGWG	31	35	4	3	4,694.765	3,144.662	4.75	1.55
4273,311963	2830,196802	[redacted]	55077F88i	EGWO	37	4477,628521	2827,128068	[redacted]	36 F	788i	55077F88i	EGWG	34	38	4	4	4,694.765	2,722.199	4.75	1.55
4152,941176	3349,29475	[redacted]	55085F88i	EGWO	38	4538,662753	2821,114024	[redacted]	32 F	788i	55085F88i	EGWG	35	39	4	3	4,694.765	2,722.199	4.75	1.55
3887,293006	2409,534639	[redacted]	55093F88i	EGWO	35	4344,547644	2840,96462	[redacted]	19 F	788i	55093F88i	EGWG	32	35	3	3	4,694.765	2,722.199	2.65	1.55
4004,150313	3202,926344	[redacted]	55107F88i	EGWO	35	4336,111111	2802,737311	[redacted]	16 F	788i	55107F88i	EGWG	31	34	3	4	4,694.765	2,722.199	2.65	5.43
4170,821791	2901,966524	[redacted]	55115F88i	EGWO	39	4342,957143	2659,741941	[redacted]	14 F	788i	55115F88i	EGWG	35	38	3	4	4,694.765	2,722.199	2.65	5.45
3641,883815	3248,928714	[redacted]	55123F88h	EGWO	39	4049,558189	1472,791304	[redacted]	23 F	788h	55123F88h	EGWG	31	35	4	8	4,694.765	2,722.199	4.75	9.35
4413,113619	3576,181297	[redacted]	55131F88h	EGWO	37	4038,277339	2544,287851	[redacted]	16 F	788h	55131F88h	EGWG	30	34	4	7	4,694.765	2,722.199	4.75	5.45
4419,572641	3614,547849	[redacted]	55139F88h	EGWO	38	3975,774231	2520,574466	[redacted]	65 F	788h	55139F88h	EGWG	31	36	5	7	4,694.765	2,777.194	4.75	5.45
3230,734315	3744,191701	[redacted]	55174F88h	EGWO	29	4009,39243	2453,821818	[redacted]	22 F	788h	55174F88h	EGWG	34	37	3	5	4,694.765	2,722.199	2.65	3.43
4029,707199	3507,248944	[redacted]	55182F88h	EGWO	40	3965,559261	2370,300037	[redacted]	51 F	788h	55182F88h	EGWG	33	37	4	7	4,694.765	2,722.199	4.75	5.45
10291,15595	3586,61868	[redacted]	55190N66d	EGWO	36	4104,771355	2531,462786	[redacted]	20 N	N66d	55190N66d	EGWG	35	38	3	1	4,694.765	2,722.199	2.65	1.55
7105,331638	4032,338044	[redacted]	55247N66d	EGWO	36	3695,794617	2280,709394	[redacted]	37 N	N66d	55247N66d	EGWG	35	36	1	1	3,112.304	2,299.736	0.55	1.55
6380,295677	3944,820655	[redacted]	55263N66d	EGWO	36	4104,045211	2619,624667	[redacted]	75 N	N66d	55263N66d	EGWG	35	36	1	1	4,694.765	2,722.199	0.55	1.55
6353,490975	4212,026618	[redacted]	55271N66d	EGWO	38	4204,95542	2627,081601	[redacted]	17 N	N66d	55271N66d	EGWG	35	38	3	3	4,694.765	2,722.199	2.65	1.55
6323,073636	4166,344911	[redacted]	55288N66d	EGWO	36	3890,7119	2330,942161	[redacted]	24 N	N66d	55288N66d	EGWG	35	36	1	1	3,112.304	2,299.736	0.55	1.55
6053,039764	4066,578548	[redacted]	55301N66d	EGWO	38	4129,444684	2571,980421	[redacted]	35 N	N66d	55301N66d	EGWG	35	37	2	3	4,694.765	2,722.199	2.65	1.55
6056,892331	4518,527619	[redacted]	55336N66d	EGWO	37	4149,850582	2604,737469	[redacted]	16 N	N66d	55336N66d	EGWG	33	37	4	4	4,694.765	2,722.199	4.75	3.43
6507,164386	4121,303077	[redacted]	55346N66d	EGWO	36	4249,501139	2732,448818	[redacted]	13 N	N66d	55346N66d	EGWG	35	36	1	1	4,694.765	2,722.199	0.55	1.55
5666,254923	3768,026102	[redacted]	55395N66d	EGWO	37	4147,00787	2553,615477	[redacted]	33 N	N66d	55395N66d	EGWG	34	36	2	3	4,694.765	2,722.199	2.65	1.55
6090,002648	4166,982437	[redacted]	55409N66d	EGWO	41	4305,449623	2584,548428	[redacted]	22 N	N66d	55409N66d	EGWG	38	39	1	3	4,694.765	2,722.199	0.55	1.55
5732,702201	3920,351023	[redacted]	55417N66d	EGWO	38	4197,444257	2579,462153	[redacted]	15 N	N66d	55417N66d	EGWG	30	34	4	8	4,694.765	2,722.199	4.75	9.35
6151,507855	4163,366083	[redacted]	55427F79d	EGWO	28	3391,298729	2450,788806	[redacted]	45 T	79d	55427F79d	EGWG	19	25	6	9	3,112.304	2,722.199	6.85	9.35
11711,13012		[redacted]	55433N70c	EGWO	43	3621,621082	3003,594728	[redacted]	115 N	N70c	55433N70c	EGWG	42	44	2	1	6,277.225	3,144.662	2.65	1.55
7760,861014	4147,916681	[redacted]	55492F84b	EGWO	41	4258,899676	2498,31619	[redacted]	6 F	784b	55492F84b	EGWG	36	40	4	5	4,694.765	2,722.199	4.75	3.43
4617,6863	2699,027467	[redacted]	55506F84b	EGWO	37	4371,803764	2740,923285	[redacted]	12 F	784b	55506F84b	EGWG	35	38	3	2	4,694.765	2,722.199	2.65	1.55
6682,827072	4141,897083	[redacted]	55514F84b	EGWO	37	4368,630981	2737,616531	[redacted]	12 F	784b	55514F84b	EGWG	35	38	3	2	4,694.765	2,722.199	2.65	1.55
5234,383135	4013,54764	[redacted]	55522F84b	EGWO	37	4368,630981	2737,616531	[redacted]	12 F	784b	55522F84b	EGWG	35	38	3	2	4,694.765	2,722.199	2.65	1.55
4203,663636	3522,950271	[redacted]	55530F84b	EGWO	37	4368,630981	2737,616531	[redacted]	12 F	784b	55530F84b	EGWG	35	38	3	2	4,694.765	2,722.199	2.65	1.55
5901,211427	2806,16622	[redacted]	55549F84b	EGWO	37	4347,498211	2726,664055	[redacted]	12 F	784b	55549F84b	EGWG	35	38	3	2	4,694.765	2,722.199	2.65	1.55
3474,40198	3356,292913	[redacted]	55557F84b	EGWO	37	4061,066048	2536,052848	[redacted]	87 F	784b	55557F84b	EGWG	32	35	3	5	4,694.765	2,722.199	2.65	5.45
5908,223806	3741,736242	[redacted]	55565F84b	EGWO	38	3772,727273		[redacted]	1 F	784b	55565F84b	EGWG	33	37	4	5	3,112.304		4.75	3.43
9475,62599	3399,01526	[redacted]	55603F84b	EGWO	37	4484,187223	2846,009729	[redacted]	7 F	784b	55603F84b	EGWG	33	38	5	4	4,694.765	2,722.199	4.75	5.45
8198,414325	4273,540691	[redacted]	55654F84b	EGWO	40	4143,667471	2471,060471	[redacted]	50 F	784b	55654F84b	EGWG	35	38	3	5	4,694.765	2,722.199	2.65	5.45
4392,336705	3833,928706	[redacted]	55662F84b	EGWO	35	4121,812705	2656,986467	[redacted]	77 F	784b	55662F84b	EGWG	33	37	4	2	4,694.765	2,722.199	4.75	1.55
3862,43685	3635,235317	[redacted]	55670F84b	EGWO	36	4357,823303	2797,447211	[redacted]	32 F	784b	55670F84b	EGWG	33	37	4	3	4,694.765	2,722.199	4.75	1.55
5864,051649	3989,747766	[redacted]	55700F84b	EGWO	38	3891,034826	2349,995005	[redacted]	3 F	784b	55700F84b	EGWG	33	37	4	5	3,112.304	2,722.199	4.75	5.45
6759,743015	4106,387913	[redacted]	55727F84b	EGWO	37	4345,26326	2732,713478	[redacted]	18 F	784b	55727F84b	EGWG	34	37	3	4	4,694.765	2,722.199	2.65	1.55
6852,987188	4311,118458	[redacted]	55735F84b	EGWO	35	4491,687336	2905,742547	[redacted]	18 F	784b	55735F84b	EGWG	34	37	3	1	4,694.765	2,722.199	2.65	1.55
6047,286611	3927,12183	[redacted]	55743F84b	EGWO	38	4296,853488	2669,529638	[redacted]	22 F	784b	55743F84b	EGWG	29	35	6	9	4,694.765	2,722.199	6.85	9.35
6338,703422	3924,143382	[redacted]	55778F84b	EGWO	40	3755,113413	2243,806456	[redacted]	74 F	784b	55778F84b	EGWG	33	36	3	7	3,112.304	2,299.736	2.65	5.45
7173,008535		[redacted]	55786F84b	EGWO	35	4444,036596	2876,850333	[redacted]	18 F	784b	55786F84b	EGWG	33	37	4	2	4,694.765	2,722.199	4.75	1.55
6749,034894	4134,940117	[redacted]	55794F84D	EGWO	36	4287,113534	2734,218011	[redacted]	16 F	784D	55794F84D	EGWG	32	37	5	4	4,694.765	2,722.199	4.75	3.43
6725,984992	4256,4883	[redacted]	55816F84b	EGWO	38	4234,639632	2678,038468	[redacted]	4 F	784b	55816F84b	EGWG	33	37	4	5	4,694.765	2,722.199	4.75	5.45
6962,515812	4254,029016	[redacted]	55824F84b	EGWO	34	3902,621478	2349,310235	[redacted]	46 F	784b	55824F84b	EGWG	30	32	2	4	3,112.304	2,722.199	2.65	5.45
6871,931078	4240,72238	[redacted]	55832F84b	EGWO	33	3770,339063	2293,385826	[redacted]	36 F	784b	55832F84b	EGWG	29	32	3	4	3,112.304	2,722.199	2.65	3.43
6664,751774	4305,298914	[redacted]	55859F84b	EGWO	38	4557,823129	2916,75	[redacted]	2 F	784b	55859F84b	EGWG	33	37	4	5	4,694.765		4.75	5.45
6989,95452	4026,609531	[redacted]	55875F84b	EGWO	38	4820,747772	2983,034586	[redacted]	3 F	784b	55875F84b	EGWG	33	37	4	5	4,694.765	3,144.662	4.75	5.45
6637,339833	2979,693495	[redacted]	55883F84b	EGWO	41	4360,231968	2596,072376	[redacted]	8 F	784b	55883F84b	EGWG	35	39	4	6	4,694.765	2,722.199	4.75	5.45
5802,134921	3831,337265	[redacted]	55999M83c	EGWO	49	6798,019921	2735,13462	[redacted]	16 M	M83c	55999M83c	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
3868,361129	3609,010795	[redacted]	56014M83C	EGWO	49	6364,013241	2308,440133	[redacted]	17 M	M83C	56014M83C	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5183,673469	3205,063018	[redacted]	56030M83c	EGWO	49	6286,320767	2471,621011	[redacted]	16 M	M83c	56030M83c	EGWG	49	49	0	0	6,277.225	2,722.199	0.55	1.55
3675,655033	3149,156238	[redacted]	56057M83c	EGWO	49	6907,146631	3352,991439	[redacted]	15 M	M83c	56057M83c	EGWG	49	49	0	0	6,277.225	3,144.662	0.55	1.55
3348,220896	2940,076591	[redacted]	56113F88c	EGWO	44	4527,777778	2734,366643	[redacted]	8 F	788c	56113F88c	EGWG	39	42	3	5	4,694.765	2,299.736

7917,396861	4241,736601	[redacted]	56669F88h	EGWO	38	3901,624846	2387,797071	[redacted]	42	F	R88h	56669R88h	EGWC	30	34	4	8	3,112.304	2,722.199	4.75	9.35
11135	3999,323629	[redacted]	56693F88h	EGWO	41	3992,450939	2333,697873	[redacted]	84	F	R88h	56693R88h	EGWC	34	38	4	7	4,694.765	2,299.736	4.75	5.45
8411,394492		[redacted]	56707F88h	EGWO	38	4148,817812	2368,479999	[redacted]	40	F	R88h	56707R88h	EGWC	32	39	4	9	4,694.765	2,722.199	4.75	9.35
9451,54092		[redacted]	56713F88h	EGWO	38	4144,9669	2371,780709	[redacted]	20	F	R88h	56713R88h	EGWC	32	36	4	6	4,694.765	2,722.199	4.75	5.45
8341,33925	4287,980665	[redacted]	56723F88h	EGWO	41	4001,352019	2370,329029	[redacted]	54	F	R88h	56723R88h	EGWC	33	37	4	8	4,694.765	2,722.199	4.75	9.35
10947,08395		[redacted]	56731F88h	EGWO	35	4234,446903	2732,009173	[redacted]	16	F	R88h	56731R88h	EGWC	29	33	4	6	4,694.765	2,722.199	4.75	5.45
7362,776404	4069,371386	[redacted]	56738F88h	EGWO	37	4174,814432	2625,88606	[redacted]	24	F	R88h	56738R88h	EGWC	31	35	4	6	4,694.765	2,722.199	4.75	5.45
10074,64688		[redacted]	56756F88h	EGWO	37	4173,792024	2643,389278	[redacted]	24	F	R88h	56756R88h	EGWC	32	35	3	5	4,694.765	2,722.199	2.65	5.45
7735,456044	4224,708535	[redacted]	56774F88h	EGWO	36	4226,846431	2713,57875	[redacted]	16	F	R88h	56774R88h	EGWC	29	34	5	7	4,694.765	2,722.199	4.75	5.45
6104,145836	3827,342019	[redacted]	56790T54b	EGWO	29	3341,995614	2380,273809	[redacted]	19	T	T54b	56790T54b	EGWC	23	28	5	6	3,112.304	2,299.736	4.75	5.45
6764,125172	4268,346291	[redacted]	56804T94b	EGWO	26	3360,183674	2630,818353	[redacted]	28	T	T94b	56804T94b	EGWC	22	28	6	4	3,112.304	2,722.199	6.85	3.43
4646,125536	3886,656809	[redacted]	56812T54b	EGWO	23	3343,179696	2744,218936	[redacted]	29	T	T54b	56812T54b	EGWC	20	25	5	3	3,112.304	2,722.199	4.75	1.55
7292,53832	4401,109319	[redacted]	56820T54b	EGWO	27	3503,500066	2567,016738	[redacted]	29	T	T54b	56820T54b	EGWC	23	28	5	4	3,112.304	2,722.199	4.75	5.45
7340,791688	4403,846733	[redacted]	56839T94b	EGWO	26	3438,206773	2536,333724	[redacted]	12	T	T94b	56839T94b	EGWC	20	26	6	6	3,112.304	2,722.199	6.85	3.43
4377,122163	2797,649654	[redacted]	56847T94b	EGWO	25	3434,141259	2570,901667	[redacted]	6	T	T94b	56847T94b	EGWC	24	28	4	1	3,112.304	2,299.736	4.75	1.55
4210,534141	2650,631485	[redacted]	56863F85a	EGWO	47	4929,565527	2593,622588	[redacted]	10	F	R85a	56863R85a	EGWC	41	42	1	6	4,694.765	2,722.199	0.55	5.45
4411,891794	2918,026209	[redacted]	56871F83a	EGWO	47	4188,627845	2187,175297	[redacted]	23	F	R83a	56871R83a	EGWC	39	42	3	8	4,694.765	2,299.736	2.65	9.35
6189,295131	3920,45993	[redacted]	56898F85a	EGWO	47	4699,683354	2488,146672	[redacted]	26	F	R85a	56898R85a	EGWC	41	42	1	6	4,694.765	2,722.199	0.55	5.45
6532,970349	4100,762383	[redacted]	56901F85a	EGWO	45	4348,480423	2400,818508	[redacted]	34	F	R85a	56901R85a	EGWC	37	42	3	8	4,694.765	2,722.199	2.65	9.35
4106,58429	2869,393898	[redacted]	56928F85a	EGWO	45	4481,472361	2447,910964	[redacted]	44	F	R85a	56928R85a	EGWC	41	41	0	4	4,694.765	2,722.199	0.55	5.45
6410,107734	4074,222679	[redacted]	56936F85a	EGWO	46	4440,647347	2379,069518	[redacted]	30	F	R85a	56936R85a	EGWC	41	41	0	5	4,694.765	2,722.199	0.55	5.45
7406,179604	4288,996289	[redacted]	56944F83a	EGWO	27	4351,214948	2823,34	[redacted]	8	F	R83a	56944R83a	EGWC	31	32	1	6	4,694.765	3,144.662	0.33	3.43
7215,301971	4224,275886	[redacted]	56960F85a	EGWO	43	4757,509091	2647,851402	[redacted]	20	F	R85a	56960R85a	EGWC	38	39	1	5	4,694.765	2,722.199	0.55	5.45
7441,172637	4375,492257	[redacted]	56979F85a	EGWO	40	4415,078825	2616,377189	[redacted]	21	F	R85a	56979R85a	EGWC	33	37	4	7	4,694.765	2,722.199	4.75	5.45
7433,880118	4404,390344	[redacted]	57013F83a	EGWO	37	3723,923616	2351,181379	[redacted]	29	F	R83a	57013R83a	EGWC	33	32	3	2	3,112.304	2,722.199	3.65	1.55
3995,231702	2835,930824	[redacted]	57371M83F	EGWO	49	7417,910448	3041,764061	[redacted]	1	M	M83F	57371M83F	EGWC	49	49	0	0	7,859.686	3,144.662	0.55	1.55
6650,043778	4249,668415	[redacted]	57428M83F	EGWO	49	6679,402259	2839,948054	[redacted]	46	M	M83F	57428M83F	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6265,468987	4133,651744	[redacted]	57444M33f	EGWO	49	3431,634676	2336,9833	[redacted]	3	M	M33f	57444M33f	EGWC	49	49	0	0	4,694.765	2,722.199	0.33	1.33
7649,631752	4704,189175	[redacted]	57467M33e	EGWO	49	5706,84169	2382,729067	[redacted]	3	M	M33e	57467M33e	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5513,038866	3769,893841	[redacted]	57495M33d	EGWO	49	5997,812423	2383,085673	[redacted]	81	M	M33d	57495M33d	EGWC	49	49	0	0	6,277.225	3,144.662	0.33	1.33
6891,325247	4340,340432	[redacted]	57509M33e	EGWO	49	6238,551999	2817,607966	[redacted]	89	M	M33e	57509M33e	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
10212,4869	3658,03725	[redacted]	57517M33e	EGWO	49	6117,854115	2639,612438	[redacted]	90	M	M33e	57517M33e	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6194,267316		[redacted]	57525M33d	EGWO	49	6097,180471	2418,317989	[redacted]	11	M	M33d	57525M33d	EGWC	49	49	0	0	6,277.225	2,722.199	0.33	1.33
7416,164173	4530,764144	[redacted]	57533M33e	EGWO	49	5699,178982	2415,986487	[redacted]	3	M	M33e	57533M33e	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
5814,364248	3752,07479	[redacted]	57541M33e	EGWO	49	6039,910761	2633,262565	[redacted]	3	M	M33e	57541M33e	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5280,858414	3946,157403	[redacted]	57568M33e	EGWO	49	6103,709262	2682,885576	[redacted]	4	M	M33e	57568M33e	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
6587,800886	4166,078129	[redacted]	57584M33b	EGWO	49	5145,321362	2398,662791	[redacted]	22	M	M33b	57584M33b	EGWC	47	46	1	2	4,694.765	2,722.199	1.55	1.55
7170,843468	4215,224526	[redacted]	57592M33e	EGWO	49	6035,215739	3006,154518	[redacted]	11	M	M33e	57592M33e	EGWC	46	47	1	3	6,277.225	3,144.662	0.55	1.55
5333,003196	3789,481586	[redacted]	57600M33f	EGWO	49	3871,187519	2610,221449	[redacted]	98	M	M33f	57600M33f	EGWC	48	48	0	1	6,277.225	3,144.662	0.55	1.55
9885,714786		[redacted]	57614M33f	EGWO	49	6006,696429	3090,9685	[redacted]	4	M	M33f	57614M33f	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
5165,338481	3687,182028	[redacted]	57622M33e	EGWO	49	6298,866512	2707,515859	[redacted]	3	M	M33e	57622M33e	EGWC	49	49	0	0	6,277.225	3,144.662	0.55	1.55
4937,189427	2736,607763	[redacted]	57738T54b	EGWO	28	3480,508518	2488,171134	[redacted]	47	T	T54b	57738T54b	EGWC	23	28	5	5	3,112.304	2,299.736	4.75	5.45
5003,977673	3666,660657	[redacted]	57746T54b	EGWO	27	3581,133333	2634,18229	[redacted]	6	T	T54b	57746T54b	EGWC	21	27	6	6	3,112.304	2,722.199	6.85	5.45
5256,25	3039,999791	[redacted]	57754T54b	EGWO	27	3593,333333	2634,18229	[redacted]	12	T	T54b	57754T54b	EGWC	21	27	6	6	3,112.304	2,722.199	6.85	3.43
4423,789845	3524,586378	[redacted]	57762T54b	EGWO	27	3497,831177	2540,216023	[redacted]	32	T	T54b	57762T54b	EGWC	23	28	5	4	3,112.304	2,722.199	4.75	5.45
2634,328358		[redacted]	57770T54b	EGWO	30	3785,924609	2658,958447	[redacted]	16	T	T54b	57770T54b	EGWC	27	32	5	3	3,112.304	2,722.199	4.75	1.55
7766,334304	4395,122538	[redacted]	57789T54b	EGWO	28	3485,174592	2513,132695	[redacted]	14	T	T54b	57789T54b	EGWC	23	28	5	5	3,112.304	2,299.736	4.75	5.45
7598,615659	4399,507155	[redacted]	57797T54b	EGWO	22	3477,123838	2777,54151	[redacted]	13	T	T54b	57797T54b	EGWC	18	23	5	4	3,112.304	2,722.199	4.75	5.45
6373,167986	4026,318927	[redacted]	57800T54b	EGWO	22	3522,359224	2811,044286	[redacted]	7	T	T54b	57800T54b	EGWC	18	23	5	4	3,112.304	2,722.199	4.75	5.45
5897,850613	4064,881042	[redacted]	57817T54b	EGWO	22	3666,259262	2926,402153	[redacted]	8	T	T54b	57817T54b	EGWC	17	21	4	5	3,112.304	2,722.199	4.75	3.43
5883,573849	4050,41978	[redacted]	57827T54b	EGWO	28	3502,750019	2535,052049	[redacted]	16	T	T54b	57827T54b	EGWC	20	28	8	8	3,112.304	2,722.199	8.95	9.35
7177,804983	4529,57243	[redacted]	57833M33d	EGWO	49	3803,141073	2769,671861	[redacted]	12	M	M33d	57833M33d	EGWC	48	49	1	1	6,277.225	3,144.662	0.33	1.33
6967,514177	4152,785602	[redacted]	57843M33f	EGWO	49	6053,714091	2967,223115	[redacted]	52	M	M33f	57843M33f	EGWC	48	48	0	1	6,277.225	3,144.662	0.55	1.55
6478,674302	3965,539671	[redacted]	57851M33f	EGWO	49	5804,071247	2425,385369	[redacted]	3	M	M33f	57851M33f	EGWC	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4647,380787	3392,681989	[redacted]	57940F84b	EGWO	36	3904,314629	2363,766464	[redacted]	87	F	R84b	57940R84b	EGWC	33	36	3	3	4,694.765	2,299.736	2.65	1.55
6163,340879	4144,24105	[redacted]	57975F84b	EGWO	28	4184,693776	3031,550005	[redacted]	1	F	R84b	57975R84b	EGWC	33	37	4	5	4,694.765	3,144.662	4.75	5.45
6754,12569	3506,981825	[redacted]	57983F84b	EGWO	40	4084,702516	2431,761515	[redacted]	95	F	R84b	57983R84b	EGWC	35	38	3	5	4,694.765	2,722.199	2.65	5.45
5340,924426	3876,394972	[redacted]	57991F84b	EGWO	41	4004,789207	2375,068297	[redacted]	39	F	R84b	57991R84b	EGWC	34	37	3	7	4,694.765	2,299.736	2.65	5.45
6300		[redacted]	58009F84b	EGWO	36	3724,577274	2375,947541	[redacted]	8	F	R84b	58009R84b	EGWC	29	33	4	7	3,112.304	2,299.736	4.75	5.45
4562,130178	2948,511228	[redacted]	58017F84b	EGWO	35	4626,779733	2597,308085	[redacted]	9	F	R84b	58017R84b	EGWC	34	37	3	1	4,694.765	2,722.199	2.65	1.55
6806,967469	4030,594797	[redacted]	58025F84b	EGWO	36	4481,014782	2850,447322	[redacted]	11	F	R84b	58025R84b	EGWC	35	39	4	1	4,694.765	2,722.199	4.75	1.55
3211,061783	3375,503052	[redacted]	58033F84b	EGWO	38	4116,398848	3738,117922	[redacted]	3	F	R84b	58033R84b	EGWC	33	37	4	5	4,694.765	2,722.199	4.75	5.45
7264,995471	3333,062147	[redacted]	58041F84b	EGWO	42	4486,258331	2601,189143	[redacted]	43	F	R84b	58041R84b	EGWC	38	42	4	4	4,694.765	2,722.199	4.75	3.43
7888,049584	4537,265228	[redacted]	58076F84b	EGWO	41	3702,777138	2186,099669	[redacted]	23	F	R84b	58076R84b	EGWC	34	37	3	7	3,112.304	2,299.736	2.65	5.45
7454,282699	4129,374884	[redacted]	58084F84b	EGWO	38	4674,157303	3338,236668	[redacted]	1	F	R84b	58084R84b	EGWC	33	37	4	5	4,694.765	3,144.662	4.75	5.45
7338,317372	3811,38849	[redacted]	58092F84b	EGWO	39	3971,768478	2403,67794	[redacted]	43	F	R84b	58092R84b	EGWC	35	37	2	4	4,694.765	2,299.736	2.65	3.43
8055,628045	4489,691898	[redacted]	58100F84b	EGWO	38	4236,96239	2454,504214	[redacted]	17	F	R84b	58100R84b	EGWC	34	37	3	4	4,694.765	2,722.199	2.65	5.45
4179,805468	2691,106724	[redacted]	58114F84b	EGWO	38	3830,460774	2382,494	[redacted]	6	F	R84b	58114R84b	EGWC	31	34	3	7	3,112.304	2,722.199	2.65	5.45
7279,683807	4311,169045	[redacted]	58122F84b	EGWO	37	4360,316342	2765,666892	[redacted]	10	F	R84b	58122R84b	EGWC	34	37	3	3	4,694.765	2,722.199	2.65	1.55
6574,600317	4072,172283	[redacted]	58130F84b	EGWO	38	4072,17311	2339,012832	[redacted]	3	F	R84b	58130R84b	EGWC	33	37	4	5	4,694.765	2,299.736	4.75	5.45
5217,442262	3863,203398	[redacted]	58149F84c	EGWO	41	3985,1995	2366,851676	[redacted]	28	F	R84c	58149R84c	EGWC	36	37	1	5	4,694.765	2,722.199	0.55	5.45
4919,236198	3801,328259	[redacted]	58157F84c	EGWO	42	3829,113595	2206,862906	[redacted]	34	F	R84c	58157R84c	EGWC	34	38	4	8	3,112.304	2,299.736	4.75	9.35
4234,899889	3786,752113	[redacted]	58165F84c	EGWO	41	4134,546524	2373,0891	[redacted]	27	F	R84c	58165R84c	EGWC	36	38	2	5	4,694.765	2,722.199	2.65	5.45
6975,283388	4441,196492	[redacted]	58173F84c	EGWO	38	3921,428571	2211,282431	[redacted]	3	F	R84c	58173R84c	EGWC	33	36	3	5	4,694.765	2,299.736	2.65	3.43
6483,823529	4215,159431	[redacted]	58203F84c	EGWO	43	4104,330461	2362,844138	[redacted]	14	F	R84c	58203R84c	EGWC	37	38	1	6	4,694.765	2,722.199	0.55	5.45
7048,819333	4310,81922	[redacted]	58238F84c	EGWO	42	4097,094524	2456,982982	[redacted]	111	F	R84c	58238R84c	EGWC	34	38	4	6	4,694.765	2,722.199	4.75	5.45
7418,630692	3096,317429	[redacted]	58262F84c	EGWO	40	4128,365683	2487,580403	[redacted]	16	F	R84c	58262R84c	EGWC	33	37	4	7	4,694.765	2,722.199	4.75	5.45
7664,232412	4342,517256	[redacted]	58270F84c	EGWO	40	3725,214181	2236,370146	[redacted]	55	F	R84c	58270R84c	EGWC	32	36	4	8	3,112.304	2,299.736	4.75	9.35
16444,44444		[redacted]	58289F84c	EGWO	41	3670,692638	2182,173183	[redacted]	50	F	R84c	58289R84c	EGWC	33	37	4	8	3,112.304	2,299.736	4.75	9.35
7902,758079	4679,40279	[redacted]	58300F84c	EGWO	37	4115,766403	2577,182904	[redacted]	6	F	R84c	58300R84c	EGWC	31	34	3	6	4,694.765	2,722.199	2.65	5.45
7998,795117	4973,31683	[redacted]	58318F84c	EGWO	43	4077,549674	2375,995476	[redacted]	74	F	R84c	58318R84c	EGWC	34	37	4	7	4,694.765	2,722.199	3.65	5.45
8691,304348		[redacted]	58327F84c	EGWO	37	4166,88441	2620,899212	[redacted]	24	F	R84c	58327R84c	EGWC	33	36	3	4	4,694.765	2,722.199	2.65	3.43
7392,250134	4372,189836	[redacted]	58335F84c	EGWO	41	3965,656469	2327,579613	[redacted]	44	F	R84c	58335R84c	EGWC	36	38	2	5	4,694.765	2,299.736	2.65	5.45
7050,367769	3689,674823	[redacted]	58343F84c	EGWO	38	4105,545944	2789,179935	[redacted]	74	F	R84c	58343R84c	EGWC	36	39	3	2	4,694.765	2,722.199	2.65	1.55
6924,817305	4043,792297	[redacted]	58351F84c	EGWO	37	4003,880171	2513,056396	[redacted]	28	F	R84c	58351R84c	EGWC	30	33	3	7	4,694.765	2,722.199	2.65	5.45
6864,169577	4100,825279	[redacted]	58378F84c	EGWO	36	4201,464846	2673,56241	[redacted]	52	F	R84c	58378R84c	EGWC	32	35	3	4	4,694.765	2,722.199	2.65	5.45
8492,130315	3866,533021	[redacted]	58386F84c	EGWO	40	4367,400772	2628,489483	[redacted]	32	F	R84c	58386R84c	EGWC	36	39	3	4	4,694.765	2,722.199	2.65	5.45
7860,083623	4436,366893	[redacted]	58394F84c	EGWO	38	4414,009735	2743,565077	[redacted]	26	F	R84c	58394R84c	EGWC	35	38	3	3	4,694.765	2,722.199	2.65	1.55
7615,203867	3943,993634	[redacted]	58408F84c	EGWO	38	4123,408602	2543,12567	[redacted]	10	F	R84c	58408R84c	EGWC	31	35	4	7	4,694.765	2,722.199	4.75	5.45
8057,326418	4507,529883	[redacted]	58416F84c	EGWO	39	4161,072122	2549,77749	[redacted]	50	F	R84c	58416R84c	EGWC	34	37	3	5	4,694.765	2,722.199	2.65	3.43
8192,344032	3830,461041	[redacted]	58424F84c	EGWO	37	4149,619426	2611,003101	[redacted]	14	F	R84c	58424R84c	EGWC	30	34	4	7	4,694.765	2,722.199	4.75	5.45
7944,971164	4517,042736	[redacted]	58432F84c	EGWO	34	4316,166735	2855,398333	[redacted]	18	F	R84c	58432R84c	EGWC	33	36	3	1	4,694.765	3,144.662	2.65	1.55
7683,382576	3708,179229	[redacted]	58564F84c	EGWO	39	4177,84757	2503,674504	[redacted]	88	F	R84c	58564R84c	EGWC	32	39	4	7	4,694.765	2,722.199	4.75	5.45
8002,999576	4444,308789	[redacted]	58815N74c	EGWO	40	4063,790432	2328,645381	[redacted]	173	N	N74c	58815N74c	EGWC	38	39	2	2	4,694.765	2,722.199	1.55	1.55
8777,20871	4224,916529	[redacted]	58831N74c	EGWO	41	4436,640319	2638,703786	[redacted]	28	N	N74c	58831N74c	EGWC	34	38	4	7	4,694.765	2,722.199	4.75	5.45
7883,249964	4515,122953	[redacted]	58858N74c	EGWO	41	4473,511806	2644,133846	[redacted]	26	N	N74c	58858N74c	EGWC	34	38	4	7	4,694.765	2,722.199	4.75	5.45
7887,910948	3454,5179	[redacted]	58866N74c	EGWO	46	4825,107468	2245,988667	[redacted]	24	N	N74c	58866N74c	EGWC	36	40	4	10	4,694.765	2,722.199	4.75	9.35
8127,738145	4466,487886	[redacted]	58874N74c	EGWO	40	3842,692721	2253,062362	[redacted]	10	N	N74c	58874N74c	EGWC	34	36	2	6	3,112.304	2,722.199	2.65	5.45
9522,648762	4322,397597	[redacted]	58882N74c	EGWO	40	4675,865264	2853,632448	[redacted]	20	N	N74c	58882N74c	EGWC	39	41	2	1	4,694.765		2.65	1.55
8455,61645	4615,190537	[redacted]	58998T94b	EGWO	30	3506,375719	2452,784403	[redacted]	16	T	T94b	58998T94b	EGWC	27	30	3	3	3,112.304	2,299.736	2.65	1.55
9503,701488	4043,886555	[redacted]	59005T94b	EGWO	27	3286,092184	2388,103159	[redacted]	25	T	T94b	59005T94b	EGWC	24	26	2	3	3,112.304	2,299.736	2.65	1.55
8098,826268	4280,850418	[redacted]	59013T94b	EGWO	22	3364,052059	2680,28034	[redacted]	39	T	T94b	59013T94b	EGWC	21	25	4	1	3,112.304	2,299.736	4.75	1.55
8230,79255	3665,765434	[redacted]	59021T94b	EGWO	25	3706,780871	2759,219275	[redacted]	26	T	T94b	59021T94b	EGWC	23	28	5	2	3,112.304	2,722.199	4.75	1.55
7703,932933	4463,753268	[redacted]	59048T94b	EGWO	27	4132,653061	2829,248968	[redacted]	2	T	T94b	59048T94b	EGWC	23	28	5	4	4,694.765	2,722.199	4.75	3.43
2734,669972	3139,75984	[redacted]	59056T94b	EGWO	30	3212,84597	2249,497899	[redacted]	19	T	T94b	59056T94b	EGWC	23	28	5	7	3,112.304	2,299.736	4.75	9.35
4728,773404	2891,440787	[redacted]	59064T94b	EGWO	27	3155,647383	2302,625833	[redacted]	12	T	T94b	59064T94b	EGWC	25	26	1	2	3,112.304	2,299.736	0.55	1.55
4041,320138	3730,386341	[redacted]	59072T94b	EGWO	27	3210,227273	2389,109	[redacted]	2	T	T94b	59072T94b	EGWC	23	28	5	4	3,112.304	2,299.736	4.75	5.45
4159,079791	3034,953054	[redacted]	59102T83j	EGWO	30	3925,552078	2759,492562	[redacted]	30	T	T83j	59102T83j	EGWC	30	34	4	0	4,694.765	2,722.199	4.75	1.55
7235,103126	3986,545612	[redacted]	59110T83j	EGWO	22	3701,585396	2905,056068	[redacted]	20	T	T83j	59110T83j	EGWC	20	24	4	2	3,112.304	3,144.662	4.75	1.55
8206,01622	3956,914556	[redacted]	59129T83j	EGWO	26	3632,018518	2672,250429	[redacted]	53	T	T83j	59129T83j	EGWC	25	30	5	1	3,112.304	2,722.199	4.75	1.55
7518,139727	4403,583027	[redacted]	59137T83j	EGWO	27	3630,326756	2669,25718	[redacted]	55	T	T83j	59137T83j	EGWC	25	30	5	2	3,112.304	2,722.199	4.75	1.55
8820,947964	3928,103733	[redacted]	59145T83j	EGWO	27	3951,282077	3648,3	[redacted]	1	T	T83j	59145T83j	EGWC	23	28	4	2	4,694.765	3,144.662	4.75	1.55
7597,85828	4449,299907	[redacted]	59153T83j	EGWO	28	3393,457483	2428,546789	[redacted]	25	T	T83j	59153T83j	EGWC	23	28	5	5	3,112.304	2,299.736	4.75	5.45
8799,404915	3917,948091	[redacted]	59196M83b	EGWO	49	5627,969858	2835,79645	[redacted]	10	M	M83b	59196M83b	EGWC	48	48	0	1	6,277.225	3,144.662	0.55	1.55
7823,433158	4530,009732	[redacted]	59226M83b	EGWO	49	5285,939498	2344,29777	[redacted]	20	M	M83b	59226M83b	EGWC	49	49	0	0	4,694.765	2,722.199	0.33	1.33
8474,863457	4281,209024	[redacted]	59315F85a	EGWO	37	3984,529236	2391,797355	[redacted]	34	F	R85a	59315R85a	EGWC	31	32	1	6	4,694.765	2,722.199	0.55	5.45
7209,916805	4375,697135	[redacted]	59323F85a	EGWO	38	3877,87728	2337,992596	[redacted]	43	F	R85a	59323R85a	EGWC	32	32	0	6	3,112.304	2,722.199	0.55	5.45
5599,278843	2827,286762	[redacted]	59331F83a	EGWO	38	4444,734379	2328,139363	[redacted]	15	F	R83a	59331R83a	EGWC	33	36	1	3	4,694.765	2,722.199	0.33	1.33
5576,781762	3855,748972	[redacted]	59338F85a	EGWO	42	4005,397887	2291,182216	[redacted]	66	F	R85a	59338R85a	EGWC	35	37	2	7	4,694.765	2,722.199	2.65	5.45
4361,100597	3577,133242	[redacted]	59404F77b	EGWO	47	4927,571709	2628,784422	[redacted]	43	F	R77b	59404R77b	EGWC	43	45	2	4	4,694.765	2,722.199	2.65	5.45
6120,715762	4163,59189	[redacted]	59412F77b	EGWO	47	4977,316295	2654,515856	[redacted]	13	F	R77b	59412R77b	EGWC	44	45	1	3	4,694.765	2,722.199	0.55	1.55
2779,949917	2992,747778	[redacted]	59420F77b	EGWO	49	4755,397183	3411,386449	[redacted]	32	F	R77b	59420R77b	EGWC	42	45	3	7	4,694.765	2,722.199	2.65	5.45
6850,784418	4229,342269	[redacted]	59429F77b	EGWO	42	4886,991477	2441,342061	[redacted]	42	F	R77b	59429R77b	EGWC	40	40	0	2	4,694.765	3,144.662	0.33	1.33
6771,528708	4144,30764	[redacted]	59447F77b	EGWO	48	4874,176009	2556,991024	[redacted]	24	F	R77b	59447R77b	EGWC	44	45	1	4	4,694.765	2,722.199	0.55	5.45
7332,777101	4520,449146	[redacted]	59455F77b	EGWO	49	5144,720762	2516,775396	[redacted]	32	F	R77b	59455R77b	EGWC	45	48	3	4	4,694.765	2,722.199

7397,943959	4726,744450	[redacted]	60895M35c	EGWO	46	1770,337561	3084,668481	[redacted]	132	M	MB5c	60895MB5c	EGWC	49	49	0	3	6,277,225	3,144,662	0.55	2.35
7246,386665	4440,9117	[redacted]	60909M35c	EGWO	48	4595,9791	2256,57985	[redacted]	2	M	MB5c	60909MB5c	EGWC	49	46	-3	1	4,694,765	2,722,199	3.65	2.35
4711,942981	3944,134239	[redacted]	60909M63f	EGWO	49	4361,836021	2243,412938	[redacted]	14	M	MB3f	60909MB3f	EGWC	46	44	-2	3	4,694,765	2,722,199	3.39	1.93
4421,963464	2834,459132	[redacted]	60917M35c	EGWO	48	5129,26646	2790,561895	[redacted]	2	M	MB5c	60917MB5c	EGWC	49	46	-3	1	4,694,765	3,144,662	3.65	2.35
4174,570325	3512,950441	[redacted]	60925M35c	EGWO	48	5425,229908	3047,68447	[redacted]	3	M	MB5c	60925MB5c	EGWC	49	46	-3	1	4,694,765	3,144,662	3.65	2.35
6699,734478	4283,814213	[redacted]	60933M35c	EGWO	47	5114,549204	1762,780773	[redacted]	131	M	MB5c	60933MB5c	EGWC	49	46	-3	2	4,694,765	2,722,199	3.65	2.35
4977,992571	3880,159797	[redacted]	60941M35c	EGWO	49	5297,370531	2479,376529	[redacted]	33	M	MB5c	60941MB5c	EGWC	49	49	0	0	4,694,765	2,722,199	0.55	1.55
9870,820609	[redacted]	[redacted]	60976M35f	EGWO	49	4611,40684	2299,962942	[redacted]	16	M	MB5f	60976MB5f	EGWC	44	44	0	5	4,694,765	2,722,199	0.55	5.45
7892,177029	4272,968716	[redacted]	60984M35f	EGWO	49	4900,828646	2410,952213	[redacted]	14	M	MB5f	60984MB5f	EGWC	45	45	0	4	4,694,765	2,722,199	0.55	5.45
7818,068457	[redacted]	[redacted]	60992M35e	EGWO	48	4716,407462	2287,03631	[redacted]	21	M	MB5e	60992MB5e	EGWC	49	45	-4	1	4,694,765	2,722,199	3.65	2.35
7477,482527	4223,660518	[redacted]	60992M35f	EGWO	49	4994,784218	2353,548895	[redacted]	76	M	MB5f	60992MB5f	EGWC	46	46	0	3	4,694,765	2,722,199	0.33	1.93
10569,52209	[redacted]	[redacted]	61018M35e	EGWO	49	4550,333122	2204,17069	[redacted]	31	M	MB5e	61018MB5e	EGWC	46	44	-2	3	4,694,765	2,722,199	1.55	1.55
7587,868941	4171,172888	[redacted]	61018M35f	EGWO	48	4693,73449	2231,75352	[redacted]	50	M	MB5f	61018MB5f	EGWC	46	45	-1	2	4,694,765	2,722,199	1.55	1.55
10031,13069	3898,714917	[redacted]	61026M35e	EGWO	49	4634,214831	2289,421429	[redacted]	7	M	MB5e	61026MB5e	EGWC	45	43	-2	4	4,694,765	2,722,199	1.39	3.43
8032,821368	4258,879122	[redacted]	61034M35e	EGWO	49	4815,063101	2391,869684	[redacted]	13	M	MB5e	61034MB5e	EGWC	46	45	-1	3	4,694,765	2,722,199	1.55	1.55
11430,39456	[redacted]	[redacted]	61042M35f	EGWO	49	5352,676528	2471,141987	[redacted]	17	M	MB5f	61042MB5f	EGWC	49	49	0	0	4,694,765	2,722,199	0.55	1.55
8306,847262	4134,509911	[redacted]	61050M35c	EGWO	49	4604,087298	2269,866282	[redacted]	8	M	MB5c	61050MB5c	EGWC	46	44	-2	3	4,694,765	2,722,199	1.55	1.55
6342,105363	4115,560227	[redacted]	61068M35f	EGWO	49	4661,620788	2319,732188	[redacted]	19	M	MB5f	61068MB5f	EGWC	42	44	-2	7	4,694,765	2,722,199	2.65	5.45
6927,112154	3351,923076	[redacted]	61077M35c	EGWO	49	4841,101695	2342,88	[redacted]	12	M	MB5c	61077MB5c	EGWC	46	45	-1	3	4,694,765	2,722,199	1.39	1.55
6914,681915	4387,022692	[redacted]	61085M35e	EGWO	49	4723,526535	2733,755	[redacted]	4	M	MB5e	61085MB5e	EGWC	46	44	-2	3	4,694,765	2,722,199	1.55	1.55
4371,54901	2632,735752	[redacted]	61107M35e	EGWO	48	4589,788375	2182,338593	[redacted]	15	M	MB5e	61107MB5e	EGWC	44	43	-1	4	4,694,765	2,722,199	1.55	5.45
4295,404545	2402,911183	[redacted]	61107M63f	EGWO	49	4644,547248	2237,870632	[redacted]	84	M	MB3f	61107MB3f	EGWC	46	43	-3	1	4,694,765	2,722,199	1.39	1.93
4894,644959	2987,235202	[redacted]	61123M35e	EGWO	48	4716,315142	2407,563513	[redacted]	10	M	MB5e	61123MB5e	EGWC	44	43	-1	4	4,694,765	2,722,199	1.55	5.45
4722,846783	3506,065275	[redacted]	61158M35e	EGWO	49	4868,426891	2371,768465	[redacted]	16	M	MB5e	61158MB5e	EGWC	46	46	0	3	4,694,765	2,722,199	0.55	1.55
3954,153621	3167,443702	[redacted]	61166M35f	EGWO	43	4701,92971	2384,446667	[redacted]	20	M	MB5f	61166MB5f	EGWC	40	40	0	5	4,694,765	2,722,199	0.55	5.43
5474,974209	3626,417911	[redacted]	61174M35e	EGWO	46	5058,042005	2525,385461	[redacted]	10	M	MB5e	61174MB5e	EGWC	40	46	6	0	4,694,765	2,722,199	5.79	1.55
8905,303307	4136,783436	[redacted]	61182M35f	EGWO	49	4814,17531	2433,720764	[redacted]	11	M	MB5f	61182MB5f	EGWC	45	43	-2	4	4,694,765	2,722,199	1.55	5.45
8341,113172	4719,089503	[redacted]	61204M33f	EGWO	43	5070,171332	2934,649033	[redacted]	28	M	MB3f	61204MB3f	EGWC	43	41	-2	0	4,694,765	3,144,662	1.39	1.93
6129,823319	3978,043725	[redacted]	61220M35f	EGWO	48	5171,858715	2690,332051	[redacted]	16	M	MB5f	61220MB5f	EGWC	47	46	-1	1	4,694,765	2,722,199	1.55	1.55
6094,450447	4177,523269	[redacted]	61239M33f	EGWO	44	4390,997121	2362,917507	[redacted]	36	M	MB3f	61239MB3f	EGWC	43	41	-2	1	4,694,765	2,722,199	1.39	1.93
6742,846636	3723,025231	[redacted]	61247M35f	EGWO	49	4910,69529	2298,781837	[redacted]	23	M	MB5f	61247MB5f	EGWC	48	47	-1	1	4,694,765	2,722,199	1.55	1.55
5267,925684	3834,294129	[redacted]	61263M35f	EGWO	49	4890,156123	2379,193587	[redacted]	11	M	MB5f	61263MB5f	EGWC	47	45	-2	2	4,694,765	2,722,199	1.55	1.55
6688,498325	4308,117269	[redacted]	61271M35f	EGWO	48	4729,490741	2438,073426	[redacted]	8	M	MB5f	61271MB5f	EGWC	45	44	-1	3	4,694,765	2,722,199	1.39	1.93
6667,74788	4129,506733	[redacted]	61298M35f	EGWO	49	4465,360999	2212,483636	[redacted]	11	M	MB5f	61298MB5f	EGWC	44	45	1	5	4,694,765	2,299,736	0.55	5.45
6750,811784	4237,602053	[redacted]	61301M35f	EGWO	43	5478,388588	3176,562985	[redacted]	14	M	MB5f	61301MB5f	EGWC	43	45	2	0	4,694,765	3,144,662	2.65	1.55
7726,49638	4079,91187	[redacted]	61328M33f	EGWO	49	4878,124254	2453,362802	[redacted]	16	M	MB3f	61328MB3f	EGWC	46	45	-1	3	4,694,765	2,722,199	1.39	1.93
7235,07085	4366,086874	[redacted]	61344M35f	EGWO	43	5684,977049	3838,262906	[redacted]	11	M	MB5f	61344MB5f	EGWC	41	43	2	-2	6,277,225	3,144,662	2.65	1.55
6762,688098	3264,089346	[redacted]	61352M35f	EGWO	49	4639,858393	2230,629747	[redacted]	27	M	MB5f	61352MB5f	EGWC	45	45	0	4	4,694,765	2,722,199	0.55	3.43
6731,459148	4257,208413	[redacted]	61433ADM	EGWO	49	4018,518519	2897,039139	[redacted]	1	A	ADM	61433ADM	EGWC	49	49	0	0	7,859,686	3,144,662	0.55	1.55
5046,040139	3782,176057	[redacted]	61468M34j	EGWO	29	3608,280499	2562,538659	[redacted]	28	T	M34j	61468M34j	EGWC	28	30	2	1	3,112,304	2,722,199	2.65	1.55
5543,323871	2985,786665	[redacted]	61476T34j	EGWO	28	3464,166667	2476,774688	[redacted]	12	T	T34j	61476T34j	EGWC	28	29	1	0	3,112,304	2,299,736	0.55	1.55
5802,982626	3977,670809	[redacted]	61484T34j	EGWO	29	3233,032501	2302,605556	[redacted]	9	T	T34j	61484T34j	EGWC	24	28	4	5	3,112,304	2,299,736	4.75	5.43
5773,730789	4131,841408	[redacted]	61492T34j	EGWO	28	3486,525567	2779,515109	[redacted]	4	T	T34j	61492T34j	EGWC	20	28	8	8	3,112,304	2,722,199	2.65	9.35
6520,961643	4264,34631	[redacted]	61506T34j	EGWO	31	3108,487767	2133,939727	[redacted]	36	T	T34j	61506T34j	EGWC	23	28	5	8	3,112,304	2,299,736	4.75	9.35
6600,617308	4138,608116	[redacted]	61514T34j	EGWO	29	3582,750582	2550,276141	[redacted]	24	T	T34j	61514T34j	EGWC	24	30	6	5	3,112,304	2,299,736	6.85	5.43
7182,287785	4130,991769	[redacted]	61522T34j	EGWO	28	3205,477408	2507,1125	[redacted]	4	T	T34j	61522T34j	EGWC	25	23	-2	3	3,112,304	2,722,199	1.59	1.55
4783,926662	4079,44091	[redacted]	61530T34j	EGWO	28	3363,051257	2403,186212	[redacted]	13	T	T34j	61530T34j	EGWC	23	28	5	5	3,112,304	2,299,736	4.73	5.43
6052,726716	4056,825665	[redacted]	61557T34j	EGWO	28	3582,387242	2579,153816	[redacted]	17	T	T34j	61557T34j	EGWC	26	29	3	2	3,112,304	2,722,199	2.65	1.55
6761,012583	4155,538883	[redacted]	61581K23d	EGWO	49	6589,778883	2384,1366	[redacted]	6	K	K23d	61581K23d	EGWC	49	49	0	0	6,277,225	3,144,662	[redacted]	
4403,050947	2557,109868	[redacted]	61668T38d	EGWO	36	4336,471429	2966,120254	[redacted]	14	T	T38d	61668T38d	EGWC	33	33	0	3	4,694,765	2,722,199	2.65	1.55
7710,29283	3660,528087	[redacted]	61668M35c	EGWO	48	5228,257775	2558,594946	[redacted]	3	M	MB5c	61668MB5c	EGWC	49	46	-3	1	4,694,765	2,722,199	3.65	2.35
6951,397853	4414,805231	[redacted]	61683M33c	EGWO	48	4837,214665	2304,220613	[redacted]	3	M	MB3c	61683MB3c	EGWC	49	48	-1	1	4,694,765	2,299,736	1.55	2.39
6536,363636	4026,911183	[redacted]	61700M35a	EGWO	48	6341,093993	4087,779999	[redacted]	2	M	MB5a	61700MB5a	EGWC	48	46	-2	0	6,277,225	3,989,588	1.55	1.55
3729,98387	4099,68609	[redacted]	61700M35c	EGWO	49	4787,693225	2258,705471	[redacted]	60	M	MB5c	61700MB5c	EGWC	49	47	-2	0	4,694,765	2,722,199	1.55	1.55
7372,370294	4474,342138	[redacted]	61700M33c	EGWO	49	4647,883821	2206,613256	[redacted]	5	M	MB3c	61700MB3c	EGWC	48	45	-3	1	4,694,765	2,722,199	3.65	1.55
6655,764533	4261,696989	[redacted]	61700M35f	EGWO	49	4763,537392	2311,105618	[redacted]	12	M	MB5f	61700MB5f	EGWC	45	45	0	4	4,694,765	2,722,199	0.55	5.45
7302,574923	4020,095649	[redacted]	61700M51b	EGWO	49	5463,076341	2458,122451	[redacted]	26	M	M51b	61700M51b	EGWC	48	49	1	1	4,694,765	2,722,199	0.55	1.55
6097,71667	4139,80471	[redacted]	61719N73b	EGWO	41	6309,031537	3689,463333	[redacted]	15	N	N73b	61719N73b	EGWC	44	47	3	-3	6,277,225	3,144,662	2.65	2.35
7127,777778	4860,813628	[redacted]	61727N73b	EGWO	41	6355,329849	3516	[redacted]	1	N	N73b	61727N73b	EGWC	40	45	5	5	6,277,225	3,144,662	4.75	5.43
7518,143934	4340,417202	[redacted]	61811T39d	EGWO	32	3107,031956	2214,346677	[redacted]	60	T	T39d	61811T39d	EGWC	24	29	5	8	3,112,304	2,299,736	4.73	9.35
6968,915344	4340,378894	[redacted]	61838T34j	EGWO	24	3312,40874	2293,17373	[redacted]	60	T	T34j	61838T34j	EGWC	19	24	5	5	3,112,304	2,722,199	4.73	5.43
7157,407407	3864,934282	[redacted]	61867T39d	EGWO	22	3463,796588	2345,987778	[redacted]	10	T	T39d	61867T39d	EGWC	20	27	7	2	3,112,304	2,722,199	6.85	1.55
7013,472435	4222,123338	[redacted]	61934T34j	EGWO	29	3270,492894	2317,323889	[redacted]	18	T	T34j	61934T34j	EGWC	21	27	6	8	3,112,304	2,299,736	6.83	9.33
6207,854737	4132,009668	[redacted]	62162T39d	EGWO	29	3329,311894	2364,752306	[redacted]	8	T	T39d	62162T39d	EGWC	22	27	5	7	3,112,304	2,299,736	4.75	5.45
4830,769231	[redacted]	[redacted]	62170T39d	EGWO	27	3415,929204	2773	[redacted]	1	T	T39d	62170T39d	EGWC	22	27	5	5	3,112,304	2,722,199	4.75	5.45
7409,972178	4800,101734	[redacted]	62189T39d	EGWO	32	3321,047396	2246,774486	[redacted]	9	T	T39d	62189T39d	EGWC	23	31	6	7	3,112,304	2,299,736	6.83	3.43
7517,879418	3577,394067	[redacted]	62219T34d	EGWO	22	3179,312621	2517,086364	[redacted]	11	T	T34d	62219T34d	EGWC	17	23	6	5	3,112,304	2,299,736	6.85	5.45
7166,941392	4282,245778	[redacted]	62227T39d	EGWO	24	3209,43036	2447,12	[redacted]	14	T	T39d	62227T39d	EGWC	18	25	7	6	3,112,304	2,299,736	6.85	5.45
7113,622061	3933,261952	[redacted]	62233T39d	EGWO	24	3027,397206	2290,733333	[redacted]	15	T	T39d	62233T39d	EGWC	17	24	7	7	3,112,304	2,299,736	6.83	3.43
6996,680108	4347,024755	[redacted]	62279A09c	EGWO	49	10909,09091	4642,74	[redacted]	1	A	A09c	62279A09c	EGWC	49	49	0	0	13,024,607	4,412,051	0.55	1.55
9230,769231	[redacted]	[redacted]	62278A09f	EGWO	49	7596,178328	2659,234331	[redacted]	30	A	A09f	62278A09f	EGWC	49	49	0	0	7,859,686	3,144,662	0.55	1.55
7216,333845	4425,320363	[redacted]	62294T34j	EGWO	32	4183,024657	2835,483217	[redacted]	194	T	T34j	62294T34j	EGWC	32	37	5	0	4,694,765	2,722,199	4.75	1.55
5841,666667	3540,466666	[redacted]	62308T34h	EGWO	27	3415,862717	2495,926112	[redacted]	51	T	T34h	62308T34h	EGWC	25	27	2	2	3,112,304	2,299,736	2.65	1.55
7246,410489	4473,346029	[redacted]	62311T34h	EGWO	20	3496,275259	2509,018741	[redacted]	9	T	T34h	62311T34h	EGWC	18	23	5	2	3,112,304	2,722,199	4.73	3.43
7470,380986	3752,927284	[redacted]	62324T34h	EGWO	26	3546,761358	2621,224726	[redacted]	10	T	T34h	62324T34h	EGWC	23	28	5	3	3,112,304	2,722,199	4.75	1.55
7301,435416	4482,937114	[redacted]	62332T34h	EGWO	26	3698,040332	2729,426817	[redacted]	15	T	T34h	62332T34h	EGWC	24	29	5	3	3,112,304	2,722,199	4.73	1.55
8742,624357	4193,201978	[redacted]	62340T34h	EGWO	27	3751,302083	2733,479151	[redacted]	16	T	T34h	62340T34h	EGWC	24	29	5	3	3,112,304	2,722,199	4.73	1.55
7135,182558	4497,963841	[redacted]	62359T34h	EGWO	27	3637,931602	2650,662184	[redacted]	44	T	T34h	62359T34h	EGWC	24	29	5	3	3,112,304	2,722,199	4.75	1.55

7033,095238	4468,677299	[redacted]	62367T34h	EGWO	20	3569,70101	2791,577987	[redacted]	43	T	T34h	62367T34h	EGWC	19	25	6	1	3,112,304	2,722,199	6.85	1.55
6520,770158	3999,640378	[redacted]	62375T34h	EGWO	27	3583,43387	2623,384973	[redacted]	19	T	T34h	62375T34h	EGWC	22	28	6	5	3,112,304	2,722,199	6.85	5.45
5896,414196	4010,11484	[redacted]	62374T34h	EGWO	29	3576,789768	2696,198474	[redacted]	31	T	T34h	62374T34h	EGWC	24	28	5	4	3,112,304	2,722,199	4.75	5.45
6758,867389	4308,038487	[redacted]	62421M33b	EGWO	47	4344,641942	2260,127494	[redacted]	55	M	MB3b	62421MB3b	EGWC	46	44	-2	1	4,694,765	2,299,736	1.39	1.93
6962,919347	4036,787576	[redacted]	62448M35b	EGWO	47	4310,127618	2241,177402	[redacted]	54	M	MB5b	62448MB5b	EGWC	45	44	-1	2	4,694,765	2,299,736	1.55	1.55
5261,904763	3785,154806	[redacted]	62456M35b	EGWO	45	4669,908785	2363,866225	[redacted]	44	M	MB5b	62456MB5b	EGWC	44	41	-3	1	4,694,765	2,722,199	3.65	1.55
3891,304348	[redacted]	[redacted]	62464M33b	EGWO	42	3471,484759	4063,440543	[redacted]	2	M	MB3b	62464MB3b	EGWC	44	43	-1	2	4,694,765	3,567,125	1.39	2.33
7723,086461	4516,455239	[redacted]	62472M35b	EGWO	42	4346,330946	2739,39	[redacted]	4	M	MB5b	62472MB5b	EGWC	44	43	-1	2	4,694,765	2,722,199	1.55	2.35
6715,321172	3088,235329	[redacted]	62480M35b	EGWO	37	5382,41242	3998,247369	[redacted]	21	M	MB5b	62480MB5b	EGWC	39	38	-1	2	4,694,765	3,567,125	1.55	2.35
6789,840974	4209,779802	[redacted]	62502N65d	EGWO	43	5229,66404	2919,346482	[redacted]	30	N	N65d	62502N65d	EGWC	43	45	2	0	4,694,765	2,722,199	2.65	1.55
5821,439039	4596,745383	[redacted]	62510N65d	EGWO	43	5442,844281	2936,063057	[redacted]	15	N	N65d	62510N65d	EGWC	42	44	2	1	4,694,765	3,144,662	2.65	1.55
7139,640619	3420,434381	[redacted]	62529N65d	EGWO	40	5143,591508	2982,129096	[redacted]	14	N	N65d	62529N65d	EGWC	40	42	2	0	4,694,765	3,144,662	2.65	1.55
6144,426407	4251,098875	[redacted]	62537N65d	EGWO	40	4984,054134	2811,850684	[redacted]	27	N	N65d	62537N65d	EGWC	38	41	3	2	4,694,765	3,144,662	2.65	1.55
6240	3978,041245	[redacted]	62545N65d	EGWO	40	4901,607295	2833,385278	[redacted]	28	N	N65d	62545N65d	EGWC	38	40	2	2	4,694,765	2,722,199	2.65	1.55
7389,72088	4474,894845	[redacted]	62553N65d	EGWO	40	5022,244172	2839,8874	[redacted]	28	N	N65d	62553N65d	EGWC	38	41	3	2	4,694,765	3,144,662	2.65	1.33
8478,752779	[redacted]	[redacted]	62561N65d	EGWO	40	4901,272183	2817,087908	[redacted]	29	N	N65d	62561N65d	EGWC	38	40	2	2	4,694,765	3,144,662	2.65	1.55
7294,083792	4198,569911	[redacted]	62588N65d	EGWO	40	4942,280226	2925,353267	[redacted]	34	N	N65d	62588N65d	EGWC	39	40	1	1	4,694,765	3,144,662	0.55	1.55
3733,100923	2477,591001	[redacted]	62596N65d	EGWO	40	4848,796618	1909,387932	[redacted]	17	N	N65d	62596N65d	EGWC	38	40	2	2	4,694,765	2,722,199	2.65	1.53
2720,54154	3209,608641	[redacted]	62677R1d	EGWO	35	3950,991304	2460,276526	[redacted]	25	R	R61d	62677R1d	EGWC	33	36	3	2	4,694,765	2,722,199	2.65	1.55
6435,187112	4062,880746	[redacted]	62683M35b	EGWO	47	4576,79355	2266,366151	[redacted]	26	M	MB5b	62683MB5b	EGWC	48	46	-2	1	4,694,765	2,299,736	1.55	2.35
6480,156143	4048,776634	[redacted]	62723M33b	EGWO	37	3137,743863	3787,21373	[redacted]	12	M	MB3b	62723MB3b	EGWC	40	39	-1	3	4,694,765	3,144,662	1.39	2.33
6124,892986	4075,456508	[redacted]	62758M35b	EGWO	47	4492,042739	2261,01912	[redacted]	42	M	MB5b	62758MB5b	EGWC	46	44	-2	1	4,694,765	2,299,736	1.55	1.55
4824,834702	3300,011539	[redacted]	62766M33b	EGWO	43	4543,130288	2578,480816	[redacted]	39	M	MB3b	62766MB3b	EGWC	45	43	-2	2	4,694,765	2,722,199	1.55	2.35
7025,641026	3884,959014	[redacted]	62774M35b	EGWO	46	5145,608759	2680,831921	[redacted]	25	M	MB5b	62774MB5b	EGWC	46	44	-2	0	4,694,765	2,722,199	1.55	1.55
6094,599821	[redacted]	[redacted]	62782M35b	EGWO	38	5302,56885	3270,130386	[redacted]	5	M	MB5b	62782MB5b	EGWC	40	39	-1	2	4,694,765	3,144,662	1.55	2.35
5329,945455	3635,298196	[redacted]	62790M33b	EGWO	41	4255,399257	2267,207782	[redacted]	11	M	MB3b	62790MB3b	EGWC	42	39	-3	1	4,694,765	2,722,199	3.65	2.33
6136,379755	3816,672656	[redacted]	62812M33b	EGWO	42	4792,632718	3334,838548	[redacted]	3	M	MB3b	62812MB3b	EGWC	44	43	-1	2	4,694,765	3,144,662	1.55	2.33
12291,33333	[redacted]	[redacted]	62839M35b	EGWO	42	5074,418605	3366,494134	[redacted]	2	M	MB5b	62839MB5b	EGWC	44	43	-1	2	4,694,765	3,144,662	1.55	2.35
5695,097665	3669,808174	[redacted]	62847M33b	EGWO	37	3368,140359	3633,017704	[redacted]	29	M	MB3b	62847MB3b	EGWC	39	38	-1	2	4,694,765	3,567,125	1.55	2.33
6684,346616	3730,03873	[redacted]	62855M35b	EGWO	47	5227,372808	2781,821378	[redacted]	21	M	MB5b	62855MB5b	EGWC	47	46	-1	0	4,694,765	2,722,199	1.55	1.55
2715,343139	2966,552756	[redacted]	62863M35b	EGWO	37	5311,338104	3737,482794	[redacted]	27	M	MB5b	62863MB5b	EGWC	42	42	0	-5	4,694,765	3,144,662	0.55	6.25
6928,277443	4230,600304	[redacted]	62871M35b	EGWO	44	5403,616988	3014,895601	[redacted]	14	M	MB5b	62871MB5b	EGWC	44	43	-1	0	4,694,765	3,144,662	1.55	1.55
6630,645734	4240,035984	[redacted]	63169N71c	EGWO	38	5090,666667	3560,387357	[redacted]	3	N	N71c	63169N71c	EGWC	[redacted]				4,694,765	3,144,662		
9443,73	3327,883899	[redacted]	63177F78d	EGWO	36	4001,939403	2332,73873	[redacted]	18	F	F78d	63177F78d	EGWC	33	36	3	3	4,694,765	2,722,199	2.65	1.53
7595,58581	4420,330903	[redacted]	63185F78d	EGWO	36	4317,307692	2398,700232	[redacted]	8	F	F78d	63185F78d	EGWC	33	36	3	3	4,694,765	2,722,199	2.65	1.55
6848,90873	3538,129134	[redacted]	63347M33b	EGWO	49	5672,027339	3599,886077	[redacted]	13	M	MB3b	63347MB3b	EGWC	47	46	-1	2	6,277,225	3,144,662	1.55	1.55
7907,008276	4561,880183	[redacted]	63347M83f	EGWO	49	5535,964393	2782,895288	[redacted]	32	M	MB3f	63347MB3f	EGWC	49	49	0	0	6,277,225	3,144,662	0.55	1.55
4565,999625	2702,022618	[redacted]	63479M51b	EGWO	49	5133,046307	2411,709746	[redacted]	5	M	M51b	63479M51b	EGWC	47	46	-1	2	4,694,765	2,722,199	1.55	1.55
6356,761269	3775,754779	[redacted]	63487M51b	EGWO	49	5384,40668	2541,728299	[redacted]	43	M	M51b	63487M51b	EGWC	47	48	1	2	4,694,765	2,722,199	0.55	1.55
6941,386244	4083,468939	[redacted]	63495M51b	EGWO	46	5332,384473	2736,636263	[redacted]	95	M	M51b	63495M51b	EGWC	47	46	-1	1	4,694,765	2,722,199	1.39	2.33
7235,123762	4230,660998	[redacted]	63509M51c	EGWO	45	6143,655556	3402,881706	[redacted]	8	M	M51c	63509M51c	EGWC	45	47	2	0	6,277,225	3,144,662	2.65	1.55
7829,88652	4939,234437	[redacted]	63533M51b	EGWO	49	4924,369748	2335,08	[redacted]	18	M	M51b	63533M51b	EGWC	45	46	1	4	4,694,765	2,722,199	0.55	5.45
5026,341141	3628,372541	[redacted]	63584M51b	EGWO	48	4589,470488	2306,298231	[redacted]	61	M	M51b	63584M51b	EGWC	44	43	-1	4	4,694,765	2,722,199	1.55	5.45
5119,547619	[redacted]	[redacted]	63584M51c	EGWO	47	4852,777778	2317,28	[redacted]	6	M	M51c	63584M51c	EGWC	47	45	-2	0	4,694,765	2,722,199	1.55	1.55
6967,187213	3360,956411	[redacted]	63592M51c	EGWO	47	5127,40698	2529,518436	[redacted]	1	M	M51c	63592M51c	EGWC	46	45	-1	1	4,694,765	2,722,199	1.39	1.93
6717,855011	4277,529844

4809,992105	3737,454135	[redacted]	64114F82d	EGWO	44	4100,604862	2270,174003	[redacted]	54	F	f82d	64114f82d	EGWO	35	39	4	9	4,694.765	2,299.736	4.75	9.35
7104,961832	3066,352424	[redacted]	64122N68d	EGWO	46	4355,43564	2374,857202	[redacted]	19	N	N68d	64122N68d	EGWO	39	40	1	7	4,694.765	2,722.199	0.55	5.45
5695,022089	4414,49911	[redacted]	64185N68d	EGWO	44	4934,295621	2533,017379	[redacted]	8	N	N68d	64185N68d	EGWO	36	40	4	8	4,694.765	2,722.199	4.75	9.35
5127,683533	3892,169842	[redacted]	64149N68d	EGWO	45	4686,612048	2567,485103	[redacted]	12	N	N68d	64149N68d	EGWO	41	42	1	4	4,694.765	2,722.199	0.55	5.45
6780,266566	4176,130397	[redacted]	64238E39b	EGWO	49	4737,249234	2338,7125	[redacted]	20	E	E39b	64238E39b	EGWO	42	44	2	7	4,694.765	2,722.199	2.65	5.45
5809,302326	2670,545734	[redacted]	64246E39b	EGWO	49	4739,585765	2322,310429	[redacted]	14	E	E39b	64246E39b	EGWO	42	44	2	7	4,694.765	2,722.199	2.65	5.45
7136,852151	4262,860264	[redacted]	64254E39b	EGWO	49	5043,39047	2341,801313	[redacted]	37	E	E39b	64254E39b	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
5094,124692	2716,18982	[redacted]	64262E39b	EGWO	49	5750,901704	2626,784697	[redacted]	4	E	E39b	64262E39b	EGWO	45	48	3	4	6,277.225	2,722.199	2.65	5.45
3260,869565	3084,602524	[redacted]	64270E39b	EGWO	49	5278,573221	2452,986973	[redacted]	44	E	E39b	64270E39b	EGWO	47	48	1	2	4,694.765	2,722.199	0.55	1.55
5681,170473	3842,933683	[redacted]	64319T54l	EGWO	25	3582,141013	2681,838065	[redacted]	38	T	T54l	64319T54l	EGWO	25	27	2	0	3,112.304	2,722.199	2.65	1.55
8299,859193	3703,826763	[redacted]	64327T54l	EGWO	29	3336,834724	2357,599605	[redacted]	20	T	T54l	64327T54l	EGWO	24	28	4	5	3,112.304	2,299.736	4.75	9.43
7508,436245	4363,185596	[redacted]	64335T54l	EGWO	23	3567,173749	2732,39411	[redacted]	5	T	T54l	64335T54l	EGWO	25	27	2	2	3,112.304	2,722.199	1.55	2.35
8007,962542	3739,297108	[redacted]	64343T54l	EGWO	33	3454,644302	2326,911683	[redacted]	9	T	T54l	64343T54l	EGWO	30	32	2	3	3,112.304	2,299.736	2.65	1.55
7394,722661	4408,116173	[redacted]	64351T54l	EGWO	29	3362,069922	2131,584829	[redacted]	6	T	T54l	64351T54l	EGWO	23	30	7	6	3,112.304	2,299.736	6.85	3.43
7503,870875	3709,754832	[redacted]	64379T54l	EGWO	32	3411,831562	2313,411299	[redacted]	14	T	T54l	64379T54l	EGWO	30	30	0	2	3,112.304	2,299.736	0.55	1.55
8105,417821	4455,957081	[redacted]	64386F81b	EGWO	43	4023,40207	2153,160765	[redacted]	15	F	f81b	64386F81b	EGWO	36	40	4	7	4,694.765	2,299.736	4.75	9.45
6941,872486	4228,032328	[redacted]	64394F81b	EGWO	39	3707,235286	2257,851667	[redacted]	6	F	f81b	64394F81b	EGWO	36	38	2	3	3,112.304	2,299.736	2.65	1.55
8991,814051	4230,042894	[redacted]	64408F86a	EGWO	46	4501,849813	2418,668237	[redacted]	8	F	f86a	64408F86a	EGWO	37	40	3	9	4,694.765	2,722.199	2.65	9.35
7367,256639	4358,115225	[redacted]	64416F78c	EGWO	39	4886,901233	2975,547615	[redacted]	23	F	f78c	64416F78c	EGWO	36	42	6	3	4,694.765	2,722.199	6.85	1.55
6262,535098	4060,243403	[redacted]	64483M51b	EGWO	49	5202,678571	2473,300155	[redacted]	10	M	M51b	64483M51b	EGWO	49	48	1	0	4,694.765	2,722.199	1.55	1.55
6615,236972	4166,332266	[redacted]	64491M35f	EGWO	49	4990,404415	2286,984756	[redacted]	9	M	M35f	64491M35f	EGWO	49	48	1	0	4,694.765	2,722.199	1.55	1.55
9030,960312	4031,191435	[redacted]	64505M51b	EGWO	49	5357,367395	2611,867447	[redacted]	11	M	M51b	64505M51b	EGWO	46	48	2	3	4,694.765	2,722.199	2.65	3.55
7094,150099	4766,227358	[redacted]	64513M51b	EGWO	49	5106,734576	2352,754159	[redacted]	74	M	M51b	64513M51b	EGWO	48	47	1	1	4,694.765	2,722.199	1.55	1.55
8399,074074	4338,261176	[redacted]	64572F86a	EGWO	47	4378,135025	2230,856667	[redacted]	15	F	f86a	64572F86a	EGWO	40	41	1	7	4,694.765	2,722.199	0.55	5.45
7101,779967	4474,486603	[redacted]	64580F81d	EGWO	38	4034,034019	2253,900714	[redacted]	14	F	f81d	64580F81d	EGWO	39	38	2	2	4,694.765	2,722.199	2.65	1.55
7282,811385	4343,489425	[redacted]	64599F81d	EGWO	38	3847,294951	2240,229231	[redacted]	13	F	f81d	64599F81d	EGWO	34	37	3	4	3,112.304	2,299.736	2.65	5.45
6612,423603	4127,074559	[redacted]	64696N65d	EGWO	49	4978,825178	2321,817642	[redacted]	37	N	N65d	64696N65d	EGWO	44	46	2	5	4,694.765	2,722.199	2.65	5.45
7146,866667	4302,988009	[redacted]	64718N65d	EGWO	49	5143,288828	2340,565731	[redacted]	43	N	N65d	64718N65d	EGWO	43	43	2	6	4,694.765	2,722.199	2.65	3.43
7283,457812	4360,331854	[redacted]	64726N65d	EGWO	46	5258,085889	2370,490024	[redacted]	6	N	N65d	64726N65d	EGWO	41	43	2	5	4,694.765	3,144.662	2.65	4.85
6990,177593	4182,099242	[redacted]	64734N65d	EGWO	49	5155,124064	2606,528032	[redacted]	22	N	N65d	64734N65d	EGWO	45	46	1	4	4,694.765	2,722.199	0.55	5.45
7264,730588	4412,456553	[redacted]	64742F78c	EGWO	36	4922,619048	3171,545338	[redacted]	7	F	f78c	64742F78c	EGWO	31	40	9	5	4,694.765	3,144.662	8.95	5.45
6225,534099	4026,123732	[redacted]	64769F83b	EGWO	36	4186,608113	2764,198217	[redacted]	7	F	f83b	64769F83b	EGWO	34	37	3	2	4,694.765	2,722.199	2.65	1.55
7125,836315	4268,447653	[redacted]	64793F78D	EGWO	37	4136,070481	2305,948842	[redacted]	11	F	f78D	64793F78D	EGWO	34	38	4	3	4,694.765	2,299.736	4.75	1.33
6739,757316	4085,364234	[redacted]	64831N70a	EGWO	45	4356,48513	2397,679375	[redacted]	32	N	N70a	64831N70a	EGWO	39	39	0	6	4,694.765	2,722.199	0.55	5.45
6694,79073	3994,175134	[redacted]	64858N70a	EGWO	44	4427,350427	2461,98	[redacted]	12	N	N70a	64858N70a	EGWO	37	39	2	7	4,694.765	2,722.199	2.65	5.45
6313,470741	3951,287249	[redacted]	64874T54q	EGWO	32	3429,759894	2324,113743	[redacted]	11	T	T54q	64874T54q	EGWO	25	30	5	7	3,112.304	2,299.736	4.75	5.43
7728,43097	3655,72892	[redacted]	64939N74c	EGWO	49	4982,146223	2499,182525	[redacted]	34	N	N74c	64939N74c	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.35
8053,871081	4515,55018	[redacted]	64947N74c	EGWO	46	4971,119779	2655,984163	[redacted]	24	N	N74c	64947N74c	EGWO	39	44	5	7	4,694.765	2,722.199	4.75	5.45
7440,326439	4054,780806	[redacted]	64955N74c	EGWO	49	4606,356917	2297,209781	[redacted]	19	N	N74c	64955N74c	EGWO	40	44	4	9	4,694.765	2,722.199	4.75	9.33
8028,706634	4878,51249	[redacted]	64963N74c	EGWO	46	4591,646072	2499,810978	[redacted]	10	N	N74c	64963N74c	EGWO	36	40	4	10	4,694.765	2,722.199	4.75	9.35
7530,61391	4561,75664	[redacted]	64998N74c	EGWO	49	5190,048885	2624,278245	[redacted]	47	N	N74c	64998N74c	EGWO	42	46	4	7	4,694.765	2,722.199	4.75	5.45
5974,285787	3898,098299	[redacted]	65005N74c	EGWO	48	5252,985176	2705,197422	[redacted]	29	N	N74c	65005N74c	EGWO	41	46	5	7	4,694.765	2,722.199	4.75	5.45
4814,708305	3866,418662	[redacted]	65013N74c	EGWO	49	4993,27367	2799,235381	[redacted]	60	N	N74c	65013N74c	EGWO	40	43	3	9	4,694.765	2,722.199	2.65	9.35
6388,976916	4272,637277	[redacted]	65021N74c	EGWO	48	4233,369763	2210,399811	[redacted]	53	N	N74c	65021N74c	EGWO	41	42	1	7	4,694.765	2,299.736	0.55	5.45
7790,419162	3623,83202	[redacted]	65048N65d	EGWO	48	5220,477349	2729,166197	[redacted]	13	N	N65d	65048N65d	EGWO	43	46	3	5	4,694.765	2,722.199	2.65	5.45
7966,638105	4753,270821	[redacted]	65056N65d	EGWO	49	5183,667658	2663,836569	[redacted]	23	N	N65d	65056N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
7742,144302	3744,720766	[redacted]	65064N65d	EGWO	49	5214,882951	2667,42711	[redacted]	21	N	N65d	65064N65d	EGWO	44	46	2	5	4,694.765	2,722.199	2.65	5.45
7243,911852	4515,845257	[redacted]	65072N65d	EGWO	45	5353,638124	2667,242591	[redacted]	3	N	N65d	65072N65d	EGWO	42	44	2	3	4,694.765	2,722.199	2.65	1.55
7120,764504	4567,727169	[redacted]	65080N65d	EGWO	47	5338,491808	2853,978612	[redacted]	9	N	N65d	65080N65d	EGWO	46	47	1	1	4,694.765	2,722.199	0.55	1.55
5240,163797	4182,209461	[redacted]	65088N65d	EGWO	40	4970,300499	2730,040623	[redacted]	24	N	N65d	65088N65d	EGWO	37	42	5	8	4,694.765	2,722.199	4.75	9.35
4264,997835	3057,196253	[redacted]	65196M29c	EGWO	49	6408,456584	3468,392066	[redacted]	17	M	M29c	65196M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
4734,442115	3317,188953	[redacted]	65218M29C	EGWO	49	5650,126513	2451,240802	[redacted]	12	M	M29C	65218M29C	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
6514,505786	3915,922609	[redacted]	65285M29c	EGWO	49	5888,510132	2389,2962	[redacted]	8	M	M29c	65285M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
7134,687021	3503,481875	[redacted]	65374N65d	EGWO	49	5245,34553	2566,868868	[redacted]	22	N	N65d	65374N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
8469,026549	4091,051838	[redacted]	65382N65d	EGWO	49	5239,973949	2392,121336	[redacted]	26	N	N65d	65382N65d	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
7708,101653	4162,840778	[redacted]	65390F78b	EGWO	46	4740,863569	2527,526393	[redacted]	19	F	f78c	65390F78b	EGWO	38	45	7	8	4,694.765	2,722.199	6.85	9.35
7080,83273	3593,335836	[redacted]	65609F77b	EGWO	49	5102,257421	2490,3925	[redacted]	10	F	f77b	65609F77b	EGWO	44	47	3	5	4,694.765	2,722.199	2.65	5.45
8044,852654	4527,108954	[redacted]	65617F77b	EGWO	47	5096,786906	2692,32622	[redacted]	4	F	f77b	65617F77b	EGWO	43	45	2	4	4,694.765	2,722.199	2.65	5.45
7707,837528	4609,589586	[redacted]	65625F77b	EGWO	46	5519,161927	3016,51382	[redacted]	50	F	f77b	65625F77b	EGWO	43	47	4	3	6,277.225	3,144.662	4.75	1.55
8114,850722	4438,99718	[redacted]	65641F77b	EGWO	46	5253,457061	2835,478739	[redacted]	10	F	f77b	65641F77b	EGWO	41	45	4	5	4,694.765	2,722.199	4.75	5.45
9974,576271	4633,29182	[redacted]	65692T94g	EGWO	33	3707,354497	2472,49603	[redacted]	23	T	T94g	65692T94g	EGWO	30	33	3	3	3,112.304	2,299.736	2.65	1.55
7796,616464	4586,703588	[redacted]	65706T54g	EGWO	31	3761,327913	3531,576562	[redacted]	29	T	T54g	65706T54g	EGWO	29	33	4	2	3,112.304	2,722.199	4.75	1.55
7837,722379	3838,839089	[redacted]	65714T54g	EGWO	31	3852,812379	2643,605294	[redacted]	29	T	T54g	65714T54g	EGWO	28	32	4	3	3,112.304	2,722.199	4.75	1.33
8530,954364	4811,700473	[redacted]	65722T54g	EGWO	24	3800,724193	2990,213761	[redacted]	41	T	T54g	65722T54g	EGWO	20	24	4	4	3,112.304	2,722.199	4.75	5.45
7315,634736	4443,907839	[redacted]	65730T54g	EGWO	34	3596,006653	2382,594165	[redacted]	24	T	T54g	65730T54g	EGWO	30	33	3	4	3,112.304	2,299.736	2.65	5.45
8437,186667	4180,477023	[redacted]	65749T54g	EGWO	29	3520,188816	[redacted]	[redacted]	3	T	T54g	65749T54g	EGWO	23	28	3	4	3,112.304	[redacted]	2.65	3.43
7411,626143	4499,277127	[redacted]	65757T54g	EGWO	30	3245,414255	2227,266838	[redacted]	32	T	T54g	65757T54g	EGWO	25	28	1	5	3,112.304	2,299.736	0.55	5.45
9922,519358	4141,519261	[redacted]	65765T54g	EGWO	30	3329,990766	2322,495144	[redacted]	39	T	T54g	65765T54g	EGWO	23	27	4	7	3,112.304	2,299.736	4.75	5.45
7766,67029	4577,294903	[redacted]	65773T54g	EGWO	29	3439,082183	2411,768398	[redacted]	39	T	T54g	65773T54g	EGWO	24	27	3	5	3,112.304	2,299.736	2.65	3.43
7456,129884	4696,592099	[redacted]	65781T54g	EGWO	28	3206,944767	2301,442263	[redacted]	44	T	T54g	65781T54g	EGWO	24	25	1	4	3,112.304	2,299.736	0.55	5.45
7693,65963	3359,729302	[redacted]	65803F82c	EGWO	42	4253,816159	2484,415973	[redacted]	14	F	f82c	65803F82c	EGWO	35	39	4	7	4,694.765	2,722.199	4.75	5.45
7955,376918	4336,127358	[redacted]	65900E12a	EGWO	49	7210,251358	2762,736704	[redacted]	7	E	E12a	65900E12a	EGWO	49	49	0	0	7,839.686	3,144.662	0.55	1.55
6917,461389	4593,376568	[redacted]	65919E12a	EGWO	49	7458,623301	3201,355536	[redacted]	24	E	E12a	65919E12a	EGWO	49	49	0	0	7,839.686	3,567.125	0.55	1.55
7323,434055	3673,294718	[redacted]	65938E12a	EGWO	49	5726,437018	2523,843091	[redacted]	129	E	E12a	65938E12a	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7565,609239	4538,548948	[redacted]	66079M51a	EGWO	42	6053,639016	3457,849302	[redacted]	43	M	M51a	66079M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
7551,067254	3646,748225	[redacted]	66095M51a	EGWO	42	6205,639875	3552,302139	[redacted]	12	M	M51a	66095M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
8077,279913	4667,199397	[redacted]	66109M51a	EGWO	42	6259,920758	3536,783202	[redacted]	9	M	M51a	66109M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
7593,158155	3627,122803	[redacted]	66117M51a	EGWO	42	5757,313337	3384,03	[redacted]	3	M	M51a	66117M51a	EGWO	49	49	0	0	6,277.225	2,722.199		
7671,669657	4544,446041	[redacted]	66125M51a	EGWO	42	6251,782111	3537,764944	[redacted]	4	M	M51a	66125M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
8002,25777	4098,246827	[redacted]	66133M51a	EGWO	41	5952,425379	3464,83	[redacted]	7	M	M51a	66133M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
7596,680427	4474,14427	[redacted]	66141M51a	EGWO	42	6017,87098	3535,955	[redacted]	5	M	M51a	66141M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
6823,732384	2879,412336	[redacted]	66192F83d	EGWO	36	4432,002302	2680,302219	[redacted]	10	F	f83d	66192F83d	EGWO	34	37	3	2	4,694.765	2,722.199	2.65	1.33
6748,856148	3952,589135	[redacted]	66230F86a	EGWO	49	4850,891329	2420,312791	[redacted]	39	F	f86a	66230F86a	EGWO	42	45	3	7	4,694.765	2,722.199	2.65	5.45
7730,11111	3684,857014	[redacted]	66248M51a	EGWO	41	5359,527157	3647,911458	[redacted]	5	M	M51a	66248M51a	EGWO	49	49	0	0	6,277.225	3,144.662		
6956,960223	4045,288783	[redacted]	66311N70a	EGWO	46	4513,734837	2421,118696	[redacted]	11	N	N70a	66311N70a	EGWO	42	42	0	4	4,694.765	2,722.199	0.55	3.43
6456,161134	3171,778459	[redacted]	66338N70a	EGWO	47	4482,691314	2389,857228	[redacted]	20	N	N70a	66338N70a	EGWO	42	42	0	5	4,694.765	2,722.199	0.55	5.45
6627,779147	3976,604438	[redacted]	66400N74c	EGWO	49	4900,380243	2473,286196	[redacted]	51	N	N74c	66400N74c	EGWO	39	46	7	10	4,694.765	2,722.199	6.85	9.35
6506,763287	3035,048513	[redacted]	66710M58g	EGWO	49	6613,361329	[redacted]	[redacted]	3	M	M58g	66710M58g	EGWO	49	49	0	0	6,277.225	[redacted]		
6907,808806	4107,683902	[redacted]	66761M58g	EGWO	49	7191,111111	2230,220515	[redacted]	5	M	M58g	66761M58g	EGWO	49	49	0	0	7,839.686	3,144.662		
6488,029978	3906,15172	[redacted]	69643M34f	EGWO	43	5050,005168	3331,45041	[redacted]	35	M	M34f	69643M34f	EGWO	43	43	0	0	4,694.765	2,722.199		
6024,53705	3944,383631	[redacted]	69644M34f	EGWO	39	5161,377597	3009,890196	[redacted]	35	M	M34f	69644M34f	EGWO	43	43	0	0	4,694.765	3,144.662		
6483,9721	4049,281275	[redacted]	69645M34f	EGWO	43	5368,358634	3747,127275	[redacted]	2	M	M34f	69645M34f	EGWO	43	43	0	0	4,694.765	3,144.662		
4793,734313	2968,431104	[redacted]	69650M34f	EGWO	43	5380,959952	2812,37	[redacted]	4	M	M34f	69650M34f	EGWO	46	46	0	0	4,694.765	2,722.199		
6938,246353	4034,008353	[redacted]	69670N71c	EGWO	38	3428,490801	3398,074577	[redacted]	14	N	N71c	69670N71c	EGWO	41	41	0	0	4,694.765	3,144.662		
6282,265497	4062,956516	[redacted]	69672N71c	EGWO	43	4673,151022	2351,054	[redacted]	5	N	N71c	69672N71c	EGWO	42	41	1	1	4,694.765	2,722.199	1.55	1.55
6679,336545	4112,835062	[redacted]	69673F86b	EGWO	47	4417,444681	2323,439289	[redacted]	25	F	f86b	69673F86b	EGWO	38	41	3	9	4,694.765	2,722.199	2.65	9.33
4170,611621	2726,92221	[redacted]	69677M51b	EGWO	49	5638,458882	2877,296667	[redacted]	12	M	M51b	69677M51b	EGWO	47	46	1	2	6,277.225	[redacted]	1.55	1.55
6556,664123	4099,327196	[redacted]	69679N71c	EGWO	36	3539,106108	3519,085858	[redacted]	18	N	N71c	69679N71c	EGWO	42	42	0	0	6,277.225	3,144.662		
7565,579889	4539,549981	[redacted]	69686N67a	EGWO	44	4973,779086	2643,800363	[redacted]	44	N	N67a	69686N67a	EGWO	42	40	2	2	4,694.765	2,722.199	1.33	1.33
5124,347665	3869,726615	[redacted]	69687N67a	EGWO	44	4738,28304	3520,196766	[redacted]	34	N	N67a	69687N67a	EGWO	37	40	3	7	4,694.765	2,722.199	2.65	5.45
4721,702694	2811,35247	[redacted]	69690E39b	EGWO	[redacted]	8226,305902	3720,445	[redacted]	3	E	E39b	69690E39b	EGWO	[redacted]	[redacted]	[redacted]	[redacted]	7,839.686	3,989.588	[redacted]	[redacted]
3859,398111	3613,189328	[redacted]	69694M29c	EGWO	49	6543,341244	2612,696096	[redacted]	18	M	M29c	69694M29c	EGWO	49	49	0	0	6,277.225	3,144.662	0.55	1.55
7669,690574	4202,746743	[redacted]	69705N68d	EGWO	46	4992,380286	2697,377623	[redacted]	45	N	N68d	69705N68d	EGWO	44	44	0	2	4,694.765	2,722.199	0.55	1.55
6234,721049	3902,590381	[redacted]	69705N68t	EGWO	44	4893,32541	2727,718483	[redacted]	7	N	N68t	69705N68t	EGWO	39	41	2	5	4,694.765	2,722.199	2.65	3.43
4882,087311	2923,780587	[redacted]	69706N68d	EGWO	47	5001,479715	2666,32479	[redacted]	18	N	N68d	69706N68d	EGWO	44	44	0	3	4,694.765	2,722.199	0.55	1.55
4170,711668	3699,240478	[redacted]	69709M29c	EGWO	49	6154,907299	3467,978006	[redacted]	28	M	M29c	69709M29c	EGWO	49	49	0	0	6,277.225	2,722.199	0.55	1.55
8366,866667	4062,861242	[redacted]	69710N71c	EGWO	38	3065,217391	2177,28	[redacted]	1	N	N71c	69710N71c	EGWO	[redacted]	41	[redacted]	[redacted]	4,694.765	2,722.199	[redacted]	[redacted]
7971,870849	4511,977836	[redacted]	69711N71c	EGWO	34	3392,151564	3579,989688	[redacted]	13	N	N71c	69711N71c	EGWO	[redacted]	38	[redacted]	[redacted]	4,694.765	3,567.125	[redacted]	[redacted]
8047,16102	4386,084836	[redacted]	69712N71c	EGWO	38	4770,801521	2627,41	[redacted]	2	N	N71c	69712N71c	EGWO	[redacted]	41	[redacted]	[redacted]	4,694.765	3,144.662	[redacted]	[redacted]
4701,595248	3690,300607	[redacted]	69721N68c	EGWO	45	4820,814721	2657,338216	[redacted]	9	N	N68c	69721N68c	EGWO	44	42	2	1	4,694.765	2,722.199	1.55	1.55
7087,127561	4422,178149	[redacted]	69723R81c	EGWO	33	4449,742852	3437,125518	[redacted]	19	F	f81c	69723R81c	EGWO	33	35	2	0	4,694.765	2,722.199	2.65	1.55
4138,429172	3428,29	[redacted]	69724F88b	EGWO	32	3080,930164	3180,014318	[redacted]	12	F	f88b	69724F88b	EGWO	26	31	5	4	4,694.765	3,144.662	4.75	2.33
6437,900853	4035,245103	[redacted]	69725F88b	EGWO	33	4057,24207	3315,978467	[redacted]	17	F	f88b	69725F88b	EGWO	37	41	4	4	4,694.765	3,144.662	4.75	2.35
7035,037192	3218,836185	[redacted]	69726F78b	EGWO	35	4951,283051	3200,586625	[redacted]	13	F	f78b	69726F78b	EGWO	34	38	4	1	4,694.765	2,722.199	4.75	1.55
3905,376404	4015,355744	[redacted]	69727T88b	EGWO	24	4811,916403	3626,398074	[redacted]	19	T	T88b	69727T88b	EGWO	33	37	4	9	4,694.765	3,144.662	4.75	10.13
4294,347514	3763,350287	[redacted]	69730N71g	EGWO	49	5939,555616	2401,142316	[redacted]	19	N	N71g	69730N71g	EGWO	44	49	5	5	6,277.225	2,722.199	4.75	5.45
4891,459227	2707,322442	[redacted]	69734N71g	EGWO	49	6039,370608	2366,668104	[redacted]	11	N	N71g	69734N71g	EGWO	43	49	6	6	6,277.225	2,722.199	6.85	5.45
4966,101695	3414,801548	[redacted]	69736F77b	EGWO	47	5197,359349	2736,833639	[redacted]	9	F	f77b	69736F77b	EGWO	43	46	3	4	4,694.765	2,722.199	2.65	3.43
1720,709754	[redacted]	[redacted]	69740T54q	EGWO	35	3722,437397	2426,741462	[redacted]	19	T	T54q	69740T54q	EGWO	31	35	4	4	3,112.304	2,299.736	4.75	5.45
4577,870272	3734,534832	[redacted]	69741T54q	EGWO	32	3741,885429	2538,255729	[redacted]	12	T	T54q	69741T54q	EGWO	28	31	3	4	3,112.304	2,722.199	2.65	5.45
4464,795501	3135,261683	[redacted]	69742T54q	EGWO	33	3731,481481	2518,207827	[redacted]	12	T	T54q	69742T54q	EGWO	28	31	3	5	3,112.304	2,722.199	2.65	5.45
3950,655329	3720,98139	[redacted]	69743T54q	EGWO	33	3719,098707	2502,022229	[redacted]	35	T	T54q	69743T54q	EGWO	29	32	3	4	3,112.304	2,722.199	2.65	5.45
4139,818175	2868,215104	[redacted]	69744T54q	EGWO	33	3730,769231	2485,127972	[redacted]	12	T	T54q	69744T54q	EGWO	28	32	4	3	3,112.304	2,722.199	4.75	3.43
3661,679408	3706,81462	[redacted]	69745T54q	EGWO	33	3722,745258	2494,183597	[redacted]	36	T	T54q	69745T54q	EGWO	29	32	3	4	3,112.304	2,722.199	2.65	5.45
6371,593856	4206,231579	[redacted]	69746T54q	EGWO	33	3735,042735	2520,247777	[redacted]	12	T	T54q	69746T54q	EGWO	26	31	5	7	3,112.304	2,722.199	4.75	5.43
3843,553974	4261,303603	[redacted]	69750F89c	EGWO	49	4744,297755	2332,862

Gebruiksco	verschil_2C	Count(Geocode)
EGWO	8,95	22
EGWO	6,85	79
EGWO	4,75	405
EGWO	2,65	600
EGWO	0,55	657
EGWO	-1,55	120
EGWO	-3,65	16
EGWO	-5,75	2
EGWO		270
STWO	8,95	3
STWO	6,85	10
STWO	4,75	38
STWO	2,65	85
STWO	0,55	448
STWO	-1,55	1262
STWO	-3,65	1141
STWO	-5,75	235
STWO	-7,85	46
STWO	-9,95	14
STWO		139

Gebruiksco	verschil_20	Count(Geocode)
EGWO	9,35	92
EGWO	5,45	618
EGWO	1,55	864
EGWO	-2,35	165
EGWO	-6,25	95
EGWO	-10,15	50
EGWO	-14,05	16
EGWO		271
STWO	21,05	7
STWO	17,15	18
STWO	13,25	125
STWO	9,35	603
STWO	5,45	761
STWO	1,55	793
STWO	-2,35	563
STWO	-6,25	282
STWO	-10,15	111
STWO	-14,05	18
STWO		140

First(Buurt	Gebruiksco	Mean(BSQ	Mean(BSQ	Mean(vers	Mean(vers	Mean(BSQ 2023 (M3E - punt 2 3 correctie))
A00a	EGWO	42,83333	44,83333	2	-10,8333	32
A00a	STWO	38,63158	35,47368	-3,15789	-8,31579	30,31579
A00b	EGWO	39	41	2	-8	31
A00b	STWO	35,82353	30,82353	-5	-10,9412	24,88235
A00c	EGWO	44	47,1	3,1	-9,6	34,4
A00c	STWO	38,68	34,48	-4,2	-8,92	29,76
A00d	EGWO	43,33333	45,33333	2	-9,33333	34
A00d	STWO	42,5	38,3125	-4,1875	-7,375	35,125
A00e	EGWO	43,57143	45,57143	2	-8,85714	34,71429
A00e	STWO	41,5	36,28571	-5,21429	-8,5	33
A01b	EGWO	38	43	5	-14	24
A01b	STWO	41,28571	37,21429	-4,07143	-10,4286	30,85714
A01c	EGWO	39				
A01c	STWO	39	34,38462	-4,61538	-6,61538	32,38462
A01d	EGWO	43,11111	44,22222	1,111111	-13	30,11111
A01d	STWO	41,25	36,91667	-4,33333	-9,66667	31,58333
A01e	EGWO	42,16667	44	1,833333	-9,66667	32,5
A01e	STWO	39,78947	35,73684	-4,05263	-7,21053	32,57895
A01f	EGWO	47,66667	49	1,333333	-11,3333	36,33333
A01f	STWO	43,22222	39,44444	-3,77778	-6,88889	36,33333
A01g	EGWO					
A01g	STWO	41,33333	37,42105	-4,33333	-8,83333	32,78947
A01h	STWO	43	38,25	-4,75	-5,375	37,625
A02a	EGWO	49	49	0	-0,6	48,4
A02a	STWO	46,45455	41,81818	-4,63636	-2,81818	43,63636
A02b	EGWO	49	49	0	-0,22222	48,77778
A02b	STWO	47,30769	42,53846	-4,76923	-1,53846	45,76923
A02c	EGWO	49	49	0	0	49
A02c	STWO	45,75	41,125	-4,625	-2,5	43,25
A02d	EGWO	49	49	0	0	49
A02d	STWO	47,4	43	-4,4	-1,9	45,5
A03a	EGWO	49	49	0	0	49
A03a	STWO	45	42	-3	-2,8E-17	45
A03b	EGWO					
A03b	STWO	47,25	45	-2,25	1,75	49
A03c	EGWO	49	49	0	0	49
A03c	STWO	46,33333	44	-2,33333	0,444444	46,77778
A03d	EGWO	49	49	0	0	49
A03d	STWO	46,875	44,375	-2,5	-0,625	46,25
A03e	EGWO					
A03e	STWO	43,8	41	-2,8	-1	42,8
A03f	EGWO					
A03f	STWO	42,07143	38,21429	-3,85714	-7,14286	34,92857
A03g	EGWO	49	49	0	0	49
A03g	STWO	45,625	41,375	-4,25	-0,875	44,75
A04a	STWO	42,5	38,5	-4	1	43,5
A04b	EGWO	45	46	1	-9	36
A04b	STWO	40,6	38	-2,6	-2,4	38,2
A04c	EGWO	48	49	1	-9,25	38,75

A04c	STWO	38,55556	37	-1,55556	-1,55556	37
A04d	EGWO	48,55556	48,66667	0,111111	-2,22222	46,33333
A04d	STWO	38,45455	36,18182	-2,27273	-3,90909	34,54545
A04e	EGWO	47,15385	47,76923	0,615385	-6,15385	41
A04e	STWO	38,44444	35,72222	-2,72222	-0,22222	38,22222
A04f	EGWO					
A04f	STWO	42,375	40	-2,375	3,375	45,75
A04g	EGWO					
A04g	STWO	38,5	37,25	-1,25	2	40,5
A04h	EGWO	47,77778	48,77778	1	-5,66667	42,11111
A04h	STWO	41,92857	39,5	-2,42857	-2,64286	39,28571
A04i	EGWO	48	49	1	-4	44
A04i	STWO	41,57143	37,85714	-3,71429	-3,57143	38
A05a	EGWO		49			49
A05a	STWO	43,42857	40,42857	-3	-1,28571	42,14286
A05b	EGWO	45,7	46,8	1,1	-6,4	39,3
A05b	STWO	43,46154	40,53846	-2,92308	-4,30769	39,15385
A05c	EGWO	42,81818	44,90909	2,090909	-5,09091	37,72727
A05c	STWO	41,125	37,625	-3,5	-3,125	38
A05d	EGWO	49	49	0	0	49
A05d	STWO	42,44444	39,66667	-2,77778	-0,22222	42,22222
A05f	EGWO					
A05f	STWO	39,5	36,75	-2,75	-9	30,5
A05g	STWO	36	36	0	-7	29
A06a	EGWO	47,23077	48,15385	0,923077	-6,92308	40,30769
A06a	STWO	42,92308	39,92308	-3	-2,76923	40,15385
A06c	EGWO	48,69231	48,84615	0,153846	-4,53846	44,15385
A06c	STWO	43,15385	40,30769	-2,84615	-3,61538	39,53846
A06d	STWO	39	34,33333	-4,66667	-9,33333	29,66667
A06e	EGWO					
A06e	STWO	38,16667	35,16667	-3	-10,3333	27,83333
A06f	EGWO					
A06f	STWO	39,5	36,5	-3	-4,5	35
A06g	EGWO	48,75	48,75	0	-3,625	45,125
A06g	STWO	43,3	40,4	-2,9	-2,5	40,8
A06h	EGWO	49	48,8	-0,2	-4,4	44,6
A06h	STWO	45,7	43,3	-2,4	-0,1	45,6
A06i	STWO	40,66667	37,33333	-3,33333	-4	36,66667
A06j	STWO	40,33333	36,16667	-4,16667	-1,16667	39,16667
A06k	EGWO	49	49	0	-4,06667	44,93333
A06k	STWO	45,22222	42,16667	-3,05556	-3,77778	41,44444
A06l	EGWO	48,85714	48,85714	-1,2E-17	-5,85714	43
A06l	STWO	44,47059	41,64706	-2,82353	-2,64706	41,82353
A07a	EGWO	49	49	0	-3	46
A07a	STWO	43	39	-4	-0,83333	42,16667
A07b	STWO	39,66667	35	-4,66667	-5,66667	34
A07c	EGWO	49	49	0	-0,66667	48,33333
A07c	STWO	41,66667	38,33333	-3,33333	-4,44444	37,22222
A07d	EGWO					49
A07d	STWO	42,6	38,8	-3,8	-2,4	40,2

A07e	EGWO	49	49	0	-0,07692	48,92308
A07e	STWO	43,06667	40	-3,06667	-2,4	40,66667
A07f	EGWO					48,6
A07f	STWO	45,11111	42	-3,11111	1,777778	46,88889
A07g	EGWO	49	49	0	0	49
A07g	STWO	46	42,875	-3,125	-3,125	42,875
A07h	EGWO	49	49	0	0	49
A07h	STWO	46,5	43,5	-3	1,125	47,625
A08a	EGWO	49	49	0	-1	48
A08a	STWO	42,61538	40,46154	-2,15385	-3,76923	38,84615
A08b	EGWO					37
A08b	STWO	42	39,66667	-2,33333	-2	40
A08d	EGWO	49	49	0	-5,85714	43,14286
A08d	STWO	42,1	40,1	-2	-1,8	40,3
A08e	EGWO					
A08e	STWO	40,4	39,4	-1	-3,6	36,8
A09a	EGWO					
A09b	STWO	32,3	29,1	-3,2	-4,9	27,4
A09c	EGWO					
A09c	STWO	34,63636	33,09091	-1,54545	-3,63636	31
A09d	EGWO					
A09d	STWO	35,88889	33,55556	-2,33333	0,666667	36,55556
A09e	EGWO	49	49	0	0	49
A09e	STWO	34,23077	31,30769	-2,92308	-6,38462	27,84615
A09f	EGWO	49	49	0	0	49
A09f	STWO	37	32,66667	-4,33333	-6,33333	30,66667
A09h	EGWO					
A09h	STWO	38,85714	36,85714	-2	-1,14286	37,71429
A09i	EGWO	47	47,66667	2	-2	43
A09i	STWO	38,53846	36	-2,53846	-2,61538	35,92308
B10a	EGWO					
B10a	STWO					
B10d	EGWO					
B10g	STWO					
E12a	EGWO	49	49	0	0	49
E12a	STWO	42,375	41,375	-1	5,625	48
E12b	STWO	46	42	-4	2	48
E13a	STWO	41,38462	36,46154	-4,92308	5,076923	46,46154
E13b	EGWO					
E13b	STWO	34,45455	30,09091	-4,36364	-9,09091	25,36364
E13c	STWO	37,85714	34	-3,85714	1,571429	39,42857
E13d	STWO	35,5	32,4	-3,1	4,8	40,3
E13e	STWO	39,75	36,125	-3,625	5,25	45
E13f	STWO	41	37,8	-3,2	7,6	48,6
E13h	EGWO					
E13h	STWO					
E14a	STWO	40,6	39	-1,6	8,4	49
E14b	EGWO					
E14b	STWO	41,2	38,6	-2,6	1,2	42,4
E14c	STWO	29,83333	28,83333	-1	-3,83333	26

E14d	STWO	39,07143	37,57143	-1,5	9,285714	48,35714
E14e	STWO	41,25	39,625	-1,625	7,625	48,875
E14f	EGWO		49			
E14f	STWO	42,6	39,73333	-2,86667	4,133333	46,73333
E15a	STWO	39,2	35,6	-3,6	-3,7	35,5
E15c	STWO	27	33	6	21	48
E15d	STWO	36	34,5	-1,5	-6,5	29,5
E16a	EGWO					
E16a	STWO	40,23529	38,52941	-1,70588	8,411765	48,64706
E16b	EGWO					
E16b	STWO	40,83333	39,5	-1,33333	7,916667	48,75
E16c	EGWO					
E16c	STWO	41,25	39,75	-1,5	3,5	44,75
E17a	STWO	42,6	40,4	-2,2	6,266667	48,86667
E18a	EGWO	49	49	0	0	49
E18a	STWO	43,23077	40,92308	-2,30769	5,615385	48,84615
E18b	EGWO	48,33333	49	0,666667	0,666667	49
E18b	STWO	41,11765	38,88235	-2,23529	6,235294	47,35294
E19a	EGWO					
E19a	STWO	43,5	41	-2,5	5	48,5
E19b	STWO	32,53846	32,38462	-0,15385	1,769231	34,30769
E19c	STWO	40,71429	38,28571	-2,42857	6,714286	47,42857
E20a	EGWO		49			46
E20a	STWO	46,6	44,3	-2,3	2,4	49
E20b	EGWO					49
E20b	STWO	44	41,4	-2,6	4,7	48,7
E20c	EGWO					
E20c	STWO	44,22222	41,88889	-2,33333	4,777778	49
E21a	EGWO					
E21a	STWO	43,8125	41,5625	-2,25	5,1875	49
E21b	EGWO	49	49	0	0	49
E21b	STWO	46,7	44,3	-2,4	2,3	49
E22a	EGWO					
E22a	STWO	48,25	45,33333	-3	0,75	49
E22b	EGWO		49			
E22b	STWO	44,83333	41,16667	-3,66667	3,833333	48,66667
E36a	EGWO	48	49	1	1	49
E36a	STWO	36	32	-4	3,666667	39,66667
E36b	STWO					
E37a	STWO	26,6	26,2	-0,4	4,8	31,4
E37c	EGWO		49			49
E37c	STWO	30,84211	28,26316	-2,57895	9,315789	40,15789
E37d	STWO	39,06667	36,6	-2,46667	9,2	48,26667
E37e	EGWO					
E37e	STWO	37,625	34,625	-3	11	48,625
E37f	STWO	36,66667	34	-2,66667	11,55556	48,22222
E37g	EGWO	49	49	0	0	49
E37g	STWO	35,22222	32,88889	-2,33333	12,11111	47,33333
E38c	STWO	35,21739	32,82609	-2,3913	11,65217	46,86957
E38d	STWO	36,85714	34,57143	-2,28571	10,42857	47,28571

E39a	EGWO					
E39a	STWO	21,375	20,25	-1,125	8,625	30
E39b	EGWO	44	46,2	2,2	5	49
E39b	STWO	26,25	28,5	2,25	8,75	35
E39c	STWO	27,75	28,375	0,75	6,75	32,5
E39d	STWO	26,8	24,3	-2,5	1	27,8
E40a	STWO	41	38,5	-2,5	8	49
E40b	STWO	39,375	37,125	-2,25	9,625	49
E40c	STWO	38,875	36	-2,875	10,125	49
E41a	STWO	39,28571	37	-2,28571	9,714286	49
E41b	STWO	37,3	34,9	-2,4	11,5	48,8
E41c	STWO	36,75	33,75	-3	11,25	48
E42a	STWO	37,125	35,3125	-1,8125	7,8125	44,9375
E42b	STWO	38,58333	36,66667	-1,91667	8,666667	47,25
E42c	STWO	38,71429	36,85714	-1,85714	9	47,71429
E42d	EGWO					
E42d	STWO	37,625	35,625	-2	7,125	44,75
E43a	EGWO	49	49	0	0	49
E43a	STWO	40,9375	39,0625	-1,875	7,6875	48,625
E43b	EGWO	49	49	0	0	49
E43b	STWO	40,75	38,875	-1,875	8,25	49
E75a	EGWO	49	49	0	0	49
E75a	STWO	38	36,1	-1,9	10,5	48,5
E75b	STWO	38,57143	36,71429	-1,85714	8,714286	47,28571
E75c	STWO	37,16667	35,66667	-1,5	9,5	46,66667
E75d	STWO	38,25	37,25	-1	8,75	47
F11a	EGWO					
F11a	STWO					
F11d	STWO					
F11e	EGWO					
F11f	STWO					
F76a	EGWO	31,09091	35,75758	4,666667	5,242424	36,33333
F76a	STWO	7,928571	9,071429	1,142857	-0,21429	7,714286
F76b	STWO	11	12,14286	1,142857	-3,85714	7,142857
F77a	EGWO	24,6	30,4	5,8	4,3	28,9
F77a	STWO	12	12,83333	0,833333	5,55E-17	12
F77b	EGWO	42,69231	45	2,307692	4,076923	46,76923
F77b	STWO	16,09091	17,36364	1,272727	2,363636	18,45455
F77c	EGWO	30	33,21429	3,214286	2	32
F77c	STWO	11,22222	11	-0,22222	3,111111	14,33333
F77d	EGWO	35	38,5	3,5	6,75	41,75
F77d	STWO	10	11,25	1,25	2,25	12,25
F77e	STWO		27			28
F77f	EGWO	28,61111	32,5	3,888889	3,722222	32,33333
F77f	STWO	14,16667	14,83333	0,666667	2,666667	16,83333
F78a	EGWO	34,4	35,8	1,4	0,8	35,2
F78a	STWO	15,25	13	-2,25	-3,25	12
F78b	EGWO	29,59259	33,37037	3,777778	2,666667	32,25926
F78b	STWO	19,55556	18,22222	-1,33333	11,22222	30,77778
F78c	EGWO	36,2	42,6	6,4	5	41,2

F78c	STWO	12,5	13,08333	0,583333	-0,08333	12,41667
F78d	EGWO	28,26316	31,63158	3,368421	3,315789	31,57895
F78d	STWO	15	16,11111	1,111111	3,555556	18,55556
F78e	STWO	8,5	10,5	2	4	12,5
F79a	EGWO					
F79b	EGWO	30,61538	35,23077	4,615385	2,846154	33,46154
F79b	STWO	13	12,14286	-0,85714	-3,57143	9,428571
F80b	EGWO	24,33333	28	3,666667	-5	19,33333
F80b	STWO					
F80c	EGWO		32			31
F81a	EGWO	28	31	3	0,5	28,5
F81a	STWO	9	7,666667	-1,33333	-1,5	7,5
F81b	EGWO	35	37	2	3,333333	38,33333
F81b	STWO	13,66667	12,44444	-1,22222	2,888889	16,55556
F81c	EGWO	35,66667	41	5,333333	6,333333	42
F81c	STWO	13,44444	13,44444	0	1,11E-16	13,44444
F81d	EGWO	32,6	35,2	2,6	1	33,6
F81d	STWO	9,166667	8,666667	-0,5	-2,66667	6,5
F81e	EGWO	27,90909	29,5	1,590909	-1,04545	26,86364
F81e	STWO	8,111111	7	-1,11111	-1,66667	6,444444
F82a	EGWO	35,25	38	2,75	5,25	40,5
F82a	STWO	12,5	11,5	-1	-2,5	10
F82b	EGWO	35,66667	38,66667	3	6,333333	42
F82b	STWO	15,75	13,75	-2	-0,5	15,25
F82c	STWO	10,1	8,5	-1,6	0,3	10,4
F82d	EGWO	34,1	37,3	3,2	7,9	42
F82d	STWO	16,45	15,3	-1,15	1,2	17,65
F83a	EGWO	29,46154	32,03846	2,576923	1,5	30,96154
F83a	STWO	7,428571	5	-2,42857	-1,71429	5,714286
F83b	STWO	7	5	-2	9	16
F84a	EGWO	32,04545	34,72727	2,681818	3,954545	36
F84a	STWO	13,86957	11,52174	-2,34783	6,956522	20,82609
F84b	EGWO	33,38095	36,92857	3,547619	4,095238	37,47619
F84b	STWO	14,5	14,28571	-0,21429	0,357143	14,85714
F84c	EGWO	33,28571	36,66667	3,380952	5,047619	38,33333
F84c	STWO	20,44444	20,22222	-0,22222	3,555556	24
F85a	EGWO	36,42857	37,5	1,071429	5,642857	42,07143
F85a	STWO	26,11111	24,22222	-1,88889	7,555556	33,66667
F85b	EGWO	37,66667	40,06667	2,4	4,866667	42,53333
F85b	STWO	15,16667	14,33333	-0,83333	-1,33333	13,83333
F85c	STWO	15,22222	14	-1,22222	-5,77778	9,444444
F86a	EGWO	37,72727	39,72727	2	5,363636	43,09091
F86a	STWO	19,47368	19,94737	0,473684	4,578947	24,05263
F86b	EGWO	38,33333	42,66667	4,333333	9,333333	47,66667
F86b	STWO	23,25	22,92308	-1	5,875	30,69231
F86c	EGWO					
F86c	STWO	21	20	-1	4	25
F86d	STWO	22	25	3	6	28
F86e	STWO	23	22	-1	2	25
F86f	STWO	25,5	24,5	-1	6	31,5

F87a	STWO	27,8	26,2	-1,6	2	29,8
F87b	EGWO					
F87b	STWO	41,33333	38,66667	-2,66667	-0,66667	40,66667
F87c	EGWO					
F87c	STWO	29,6	29	-0,6	3	32,6
F87d	STWO	19,57143	19,71429	0,142857	5,857143	25,42857
F87e	EGWO					
F87e	STWO					
F87f	STWO	24	28	4	11	36,25
F88a	EGWO					
F88a	STWO		22			27
F88b	EGWO	33	37,9	4,9	2,5	35,5
F88b	STWO	26,5	25,5	-1	0	26,5
F88c	EGWO					
F88d	EGWO	36	41	5	-2	34
F88e	EGWO	33	36,47368	3,473684	5,473684	38,47368
F88e	STWO	16,4	17	0,6	-0,2	16,2
F88f	EGWO	33,76923	37,23077	3,461538	4,615385	38,38462
F88f	STWO	21,5	21,25	-0,25	1,5	23
F88g	STWO	19,16667	17,83333	-1,33333	2	21,16667
F88h	EGWO	31,95	35,8	3,85	6,5	38,45
F88h	STWO	24	21,5	-3	4	25,25
F88i	EGWO	35,05263	38,26316	3,210526	2,736842	37,78947
F88i	STWO	21	20,72727	-0,27273	3,545455	24,54545
F88j	EGWO	27,875	30,875	3	2	29,875
F88j	STWO	18	17	-1	7	25
F89a	EGWO	33,66667	38	4,333333	8	41,66667
F89a	STWO	17,23077	17,15385	-0,07692	-0,84615	16,38462
F89b	EGWO	29,8	32,8	3	1,2	31
F89b	STWO	15,91667	14,25	-1,66667	-1,08333	14,83333
F89c	EGWO	39,16667	42	2,833333	6,5	45,66667
F89c	STWO	27,5	24,75	-2,75	0	27,5
F89d	STWO	12,5	12	-0,5	4	16,5
K23a	STWO	46	44	-2	0	46
K23c	EGWO		45			44
K23c	STWO	38	29	-9	-11,5	26,5
K23d	EGWO		49			49
K23d	STWO	44,4	41,5	-2,9	1,2	45,6
K23e	STWO	38	35	-3	1	39
K24a	EGWO	49	49	0	-3,2	45,8
K24a	STWO	44,66667	41,77778	-2,88889	4,333333	49
K24b	STWO	44,33333	41,55556	-2,77778	4,222222	48,55556
K24c	EGWO					47
K24c	STWO	45,77778	43	-2,77778	3,222222	49
K24d	EGWO					
K24d	STWO	43,54545	40,81818	-2,72727	5,090909	48,63636
K24e	EGWO	49	49	0	-1	48
K24e	STWO	43,5	40,75	-2,75	5,5	49
K25a	EGWO	46,25	48,25	2	-3	43,25
K25a	STWO	43,23077	39,92308	-3,30769	5,384615	48,61538

K25b	EGWO					
K25b	STWO	44,33333	41,27778	-3,05556	4,555556	48,88889
K25c	STWO	41	38	-3	5,090909	46,09091
K25d	EGWO					
K25d	STWO	43,76923	40,38462	-3,38462	5,230769	49
K26a	EGWO	49	49	0	0	49
K26a	STWO	38,75	37,75	-1	10	48,75
K26b	EGWO					
K26b	STWO	42,875	39,125	-3,75	5,75	48,625
K26c	STWO	42,35714	37,92857	-4,42857	6,214286	48,57143
K44a	EGWO	49	49	0	0	49
K44a	STWO	40,8	39,1	-1,7	5,2	46
K44b	STWO	40,9375	39,125	-1,8125	7,9375	48,875
K44c	STWO	40,91667	39	-1,91667	8,083333	49
K44d	EGWO	48,5	48,75	0,25	0,5	49
K44d	STWO	41,54545	38,45455	-3,09091	7,454545	49
K44e	EGWO	48,75	49	0,25	0,25	49
K44e	STWO	41,5	39,2	-2,3	7,2	48,7
K44f	EGWO					
K44f	STWO					
K45a	EGWO	47	47,75	0,75	-1	46
K45a	STWO	43,1	40,7	-2,4	5,5	48,6
K45b	EGWO	49	49	0	0	49
K45b	STWO	40,33333	38,66667	-1,66667	8,333333	48,66667
K46a	EGWO					49
K46a	STWO	49	46,8	-2,2	0	49
K46b	EGWO		49			49
K46b	STWO	48,45455	46	-2,45455	0,545455	49
K46c	EGWO					49
K46c	STWO	47,5	45	-2,5	1,5	49
K47a	EGWO					49
K47a	STWO	48,33333	45,84615	-2,66667	0,666667	49
K47b	EGWO					49
K47b	STWO	48,5	45,66667	-3	0,5	49
K47c	EGWO	49	49	0	0	49
K47c	STWO	49	47,5	-1,5	0	49
K47d	EGWO	49	49	0	0	49
K47d	STWO	49	48,33333	-1	0	49
K47e	EGWO	49	49	0	0	49
K47e	STWO	47,81818	46,54545	-1,27273	1,181818	49
K47f	EGWO	49	49	0	0	49
K47f	STWO	47,84615	46,07692	-1,76923	1,153846	49
K47g	EGWO					49
K47g	STWO	44,33333	43,22222	-1,11111	4,666667	49
K47h	STWO	49	48	-1	0	49
K47i	EGWO					
K47j	EGWO					
K47j	STWO	46,125	42,625	-3,5	2,875	49
K48a	STWO	43,85714	39	-4,85714	5,142857	49
K48b	EGWO					49

K48b	STWO	45,85714	42,14286	-3,71429	3,142857	49
K48c	EGWO					
K48c	STWO	42,66667	38,88889	-3,77778	6	48,66667
K48d	EGWO					
K48d	STWO	42,875	38,625	-4,25	0,125	43
K48e	STWO					
K48f	EGWO		49			49
K48f	STWO	43,75	39,8125	-3,9375	5,25	49
K49a	EGWO	49	49	0	0	49
K49a	STWO	48	45,5	-2,5	1	49
K49b	EGWO	49	49	0	0	49
K49b	STWO	47,54545	44,36364	-3,18182	1,454545	49
K49c	EGWO					49
K49c	STWO					
K49d	EGWO	49	49	0	0	49
K49d	STWO	48,64286	45,07143	-3,57143	0,357143	49
K49e	EGWO	49	49	0	0	49
K49e	STWO	48,5625	45,1875	-3,375	0,4375	49
K49f	EGWO	49	49	0	0	49
K49f	STWO	47,86667	44,2	-3,66667	1,133333	49
K52a	EGWO	49	49	0	0	49
K52a	STWO	44,46154	42,30769	-2,15385	4,538462	49
K52b	EGWO		49			49
K52b	STWO	43	40,94118	-2,05882	6	49
K52c	STWO	43,66667	41,33333	-2,33333	5,333333	49
K52d	STWO	40,14286	39,14286	-1	8,857143	49
K52g	EGWO	49	49	0	0	49
K52g	STWO	35,85714	33,85714	-2	-3,85714	32
K52h	STWO	43,16667	39,33333	-3,83333	1,833333	45
K53a	STWO	39,91667	38,08333	-1,83333	8,666667	48,58333
K53b	STWO	38,75	36,83333	-1,91667	8,583333	47,33333
K54a	STWO	40,2	37,9	-2,3	8,2	48,4
K54b	EGWO					
K54b	STWO	40,9	38,7	-2,2	7,9	48,8
K54c	EGWO		49			49
K54c	STWO	39,55556	37,33333	-2,22222	9,222222	48,77778
K54d	STWO	41,28571	38,71429	-2,57143	6,571429	47,85714
K54e	EGWO					
K59a	EGWO	49	49	0	0	49
K59a	STWO	37,81818	34	-3,81818	-4,63636	33,18182
K90a	EGWO	49	49	0	0	49
K90a	STWO	31,90909	27,86364	-4,04545	-2,5	29,40909
K90c	EGWO	47,9	48,1	0,2	1,1	49
K90c	STWO	29,57692	24,57692	-5	-2,96154	26,61538
K90d	EGWO	47,2	47	-0,2	1,666667	48,86667
K90d	STWO	30,53846	26,30769	-4,23077	2,153846	32,69231
K90e	EGWO					
K90i	EGWO	48,625	47,625	-1	0,375	49
K90i	STWO	41,71429	37	-4,71429	-1,71429	40
K90j	EGWO					

K91a	STWO	37,66667	34,66667	-3	-2,33333	35,33333
K91b	STWO	32,57143	28	-4,57143	-1,35714	31,21429
K91c	EGWO	48,0625	47,4375	-0,625	0,9375	49
K91c	STWO	29,47059	23,64706	-5,82353	-1,88235	27,58824
K91d	EGWO					
M27a	EGWO					49
M27a	STWO	42,6	39,7	-2,9	6,2	48,8
M27b	EGWO	48,66667	49	0,333333	0,333333	49
M27b	STWO	41,92308	38,84615	-3,07692	6,384615	48,30769
M28a	EGWO					
M28a	STWO	38,6875	36,625	-2,0625	7	45,6875
M28b	STWO					
M28c	EGWO	49	49	0	-4	46
M28c	STWO	39,90909	38	-1,90909	7,181818	47,09091
M28d	EGWO					
M28d	STWO	38,2	36,2	-2	2,3	40,5
M29a	STWO	39,5	35,5	-4	4,1	43,6
M29b	EGWO					
M29b	STWO	38,81818	35,45455	-3,36364	7,545455	46,36364
M29c	EGWO	49	49	0	0	49
M29c	STWO	40,6	38	-2,6	1,6	42,2
M30a	EGWO	45	46	1	4	49
M30a	STWO	36,35	34,3	-2,05	8,5	44,85
M30b	EGWO	46,5	47	0,5	0	46,5
M30b	STWO	40,6	38,93333	-1,66667	8	48,6
M31a	STWO	39,125	37,25	-1,875	7,3125	46,4375
M31b	STWO	36,5	34	-2,5	5,583333	42,08333
M31c	STWO	29,88889	27,11111	-2,77778	4,277778	34,16667
M32a	STWO	34,47368	32,15789	-2,31579	2,263158	36,73684
M32b	EGWO					
M32b	STWO	34,38462	32,61538	-1,76923	6,230769	40,61538
M32c	EGWO	49	49	0	0	49
M32c	STWO	34,66667	31,33333	-3,33333	-3,66667	31
M32d	EGWO					
M32d	STWO					
M33a	STWO	36,28571	33,42857	-2,85714	-0,85714	35,42857
M33b	EGWO	47,8	47,2	-0,6	1,2	49
M33b	STWO	34,88889	32,88889	-2	0,666667	35,55556
M33c	EGWO	49	49	0	0	49
M33c	STWO	38,5	36,25	-2,25	-1,5	37
M33d	STWO	34,66667	31,83333	-2,83333	-0,16667	34,5
M33e	EGWO	48,71429	48,85714	0,142857	0,285714	49
M33e	STWO	34	31,18182	-2,81818	-1,18182	32,81818
M33f	EGWO	48,77778	48,77778	0	0,222222	49
M33f	STWO	39	37,16667	-1,83333	3,666667	42,66667
M33g	STWO	30,8	29,4	-1,4	-2,8	28
M33h	EGWO	46	44	-2	-4	42
M33h	STWO	26,375	21,875	-4,5	-8,5	17,875
M33i	STWO	34	25,33333	-8,66667	8,666667	42,66667
M33j	STWO	37,25	33,25	-4	-4	33,25

M33k	EGWO					
M33k	STWO	26	29	3	6	32
M34c	EGWO					
M34d	STWO					
M34e	EGWO					
M34f	EGWO		43,375			43,125
M34f	STWO	29,81818	29,27273	-0,54545	6,181818	36
M35a	EGWO	47,90909	46,18182	-1,72727	-0,18182	47,72727
M35a	STWO	28	26,88889	-1,11111	2,555556	30,55556
M35b	EGWO	43,65	42,25	-1,4	-1,15	42,5
M35b	STWO	30,92857	28,21429	-2,71429	8,214286	39,14286
M35c	EGWO	48,9	46,8	-2,1	-0,9	48
M35c	STWO	31,66667	28,83333	-2,83333	3,166667	34,83333
M35e	EGWO	46	43,91667	-2,08333	2,5	48,5
M35e	STWO	26,5	24	-2,5	1,833333	28,33333
M35f	EGWO	45	44,56522	-0,43478	2,695652	47,69565
M35f	STWO	25,2	22,73333	-2,46667	1,066667	26,26667
M51a	EGWO		49			41,75
M51b	EGWO	46,85714	46,19048	-0,66667	1,714286	48,57143
M51b	STWO	27,84615	26,38462	-1,46154	1,923077	29,76923
M51c	EGWO	46	45,66667	-0,33333	0,333333	46,33333
M51c	STWO	27	24,625	-2,375	1,5	28,5
M55b	EGWO	47,33333	49	1,666667	1	48,33333
M55b	STWO	31,75	31,5	-0,25	6,25	38
M55c	EGWO	49	49	0	0	49
M55c	STWO	31,42857	34,28571	2,857143	2,857143	34,28571
M55d	EGWO	48,57143	49	0,428571	0,428571	49
M55d	STWO	38,58333	37,25	-1,33333	9,333333	47,91667
M55e	EGWO					
M55g	EGWO	47,33333	48,33333	1	1	48,33333
M55g	STWO	37,77778	36,88889	-0,88889	9,888889	47,66667
M55h	EGWO	48,375	49	0,625	0,625	49
M55h	STWO	32,25	32	-0,25	10	42,25
M55i	STWO	34	31	-3	-6	28
M56a	EGWO	48,8	49	0,2	1,67E-17	48,8
M56a	STWO	41,1	40,5	-0,6	7,9	49
M56b	EGWO	49	49	0	0	49
M56b	STWO	41,84615	41	-0,84615	7,153846	49
M56c	EGWO	49	49	0	0	49
M56c	STWO	37,20513	36,61538	-0,58974	8,641026	45,84615
M56d	EGWO					
M56d	STWO	33,33333	32,66667	-0,66667	3	36,33333
M56e	EGWO					
M56f	EGWO	48,83333	48,33333	-0,5	0,166667	49
M56f	STWO	29	28	-1	2,5	31,5
M56h	EGWO					
M56h	STWO	32	31,5	-0,5	0	32
M56i	EGWO					
M57a	EGWO	44	46,45455	2,454545	4,818182	48,81818
M57a	STWO	28,93333	28,8	-0,13333	14,33333	43,26667

M57b	EGWO					
M58b	EGWO					49
M58b	STWO		36,4			47,2
M58e	STWO					
M58g	EGWO		49			49
M58g	STWO	40,25	39,08333	-1,16667	7,833333	48,08333
M58h	STWO	36	36	0	7	43
M58i	STWO		30			
M58j	STWO					
N60a	EGWO	31,88889	34,22222	2,333333	6,333333	38,22222
N60a	STWO	27,38889	27,5	0,111111	8,777778	36,16667
N60b	EGWO	38,36364	40,81818	2,454545	3,363636	41,72727
N60b	STWO	27,90909	26,81818	-1,09091	10,36364	38,27273
N60c	EGWO	33,8	35,53333	1,733333	2,866667	36,66667
N60c	STWO	20,30769	19,92308	-0,38462	11,84615	32,15385
N61a	EGWO					
N61a	STWO	30,46154	27,69231	-2,76923	6,461538	36,92308
N61b	EGWO	40	42,88889	2,888889	5,555556	45,55556
N61b	STWO	26,56	22,24	-4,32	9,4	35,96
N61c	EGWO	36,15385	36,23077	0,076923	7,846154	44
N61c	STWO	30,2	27	-3,2	11,8	42
N61d	EGWO	41	45	4		
N61d	STWO	27	31	4	18	45
N62a	EGWO	31,69231	33,69231	2	2,153846	33,84615
N62a	STWO	22,66667	20,66667	-2	-3,33333	19,33333
N62b	EGWO	36,11538	38,19231	2,076923	4,115385	40,23077
N62b	STWO					
N63a	EGWO	33,09524	35,42857	2,333333	5,666667	38,7619
N63a	STWO	20	20	0	15	35
N64a	EGWO	38	39	1	-6	32
N64b	EGWO	45	47	2	-1	44
N64c	EGWO	44	47,25	3,25	3,75	47,75
N64c	STWO	29,33333	29	-0,33333	15,66667	45
N64d	EGWO	40	45	5	6	46
N64d	STWO	33	28,33333	-4,66667	16	49
N65a	EGWO	20,92308	28,30769	7,384615	5,538462	26,46154
N65a	STWO		10,5			15,5
N65b	EGWO	26,80488	30,78049	3,97561	5,341463	32,14634
N65b	STWO	18,33333	17,33333	-1	12	30,33333
N65c	EGWO	28,85185	32,85185	4	4,296296	33,14815
N65c	STWO	16,66667	14,11111	-2,55556	-5	11,66667
N65d	EGWO	41,86957	44,04348	2,173913	3,347826	45,21739
N65d	STWO		26			18
N66b	EGWO	29	30,33333	3	-1	24,66667
N66b	STWO	20,5	15,5	-5	11	31,5
N66c	EGWO	28,90909	31,72727	2,818182	1,272727	30,18182
N66c	STWO	13,5	14,5	1	19,5	33
N66d	EGWO	34,57895	36,10526	1,526316	0,947368	35,52632
N66d	STWO	16,625	13,75	-2,875	-4,125	12,5
N66e	EGWO					

N66f	STWO	7,25	7	-0,25	0,75	8
N66g	EGWO	32,72727	34,36364	1,636364	1,727273	34,45455
N66g	STWO	12,25	13,5	1,25	-4,5	7,75
N67a	EGWO	35,75	38,91667	3,166667	2,708333	38,45833
N67a	STWO	18,75	18	-0,75	12,75	31,5
N67b	EGWO	31,54545	34,63636	3,090909	4,181818	35,72727
N68a	EGWO					
N68a	STWO	12	7	-5	0	12
N68b	STWO	16,5	11,5	-5	-2,5	14
N68c	EGWO	44,33333	42	-2,33333	1	45,33333
N68c	STWO	11,57143	10,78571	-0,78571	-2,42857	9,142857
N68d	EGWO	39,1875	40,25	1,0625	3,9375	43,125
N68d	STWO	7,857143	12	4,142857	4	11,85714
N68e	EGWO	40,33333	41,16667	0,833333	3	43,33333
N68e	STWO	9,333333	8,333333	-1	1,666667	11
N68f	EGWO	39,83333	42,5	2,666667	3,833333	43,66667
N68f	STWO	8	7,8	-0,2	-0,2	7,8
N69a	EGWO	39,66667	42,33333	2,666667	6,833333	46,5
N69c	EGWO	35	41	6	7	42
N69c	STWO	13	11	-2	-2	11
N69j	STWO	22,4	21,4	-1	-2,8	19,6
N69k	STWO	18,6	16,8	-1,8	0	18,6
N69l	STWO	9,714286	10,71429	1	-1,28571	8,428571
N69m	EGWO	26,25	30,5	4,25	10	36,25
N69m	STWO	14,75	12	-2,75	-0,5	14,25
N70a	EGWO	38,92857	40	1,071429	5,5	44,42857
N70a	STWO	9,625	11,375	1,75	-0,375	9,25
N70b	EGWO	37,96774	40,93548	2,967742	6,580645	44,54839
N70b	STWO	17,84615	19,76923	1,923077	9,076923	26,92308
N70c	EGWO					
N70c	STWO	9,666667	8,333333	-1,33333	-4,66667	5
N70d	EGWO	38,5	40,625	2,125	5,75	44,25
N70d	STWO	6,857143	6	-0,85714	-1,85714	5
N70e	EGWO	42	44	2	1	43
N70f	EGWO	42	44,5	2,5	4,5	46,5
N70f	STWO	18	19	1	-11	7
N71c	EGWO	41	41,1	1	-1	37,8
N71c	STWO	31,86667	30,93333	-0,93333	8,466667	40,33333
N71f	STWO	22,4	22,5	0	5,75	28,25
N71g	EGWO	44	49	5	5	49
N71g	STWO	28,25	28,25	0	7,25	35,5
N71h	STWO	40,8	36	-4,8	-3,4	37,4
N72a	EGWO	37	40	3	5,5	42,5
N72a	STWO	19,5	19,5	0	21	42,6
N72c	EGWO	38	40	2	2	40
N73a	EGWO	45	48	3	4	49
N73b	EGWO	40,4	45,6	5,2	4,2	44,6
N73b	STWO					
N73d	EGWO	40	43	3	0	40
N73d	STWO					

N73f	EGWO	37,66667	39,66667	2	-2,33333	35,33333
N73f	STWO		29,5			48,5
N73g	EGWO	35,33333	38	2,666667	-1,66667	33,66667
N73h	EGWO	43	45,14286	2,142857	1,714286	44,71429
N73h	STWO	7	6,5	-0,5	3,5	10,5
N73j	EGWO					
N74a	EGWO	41	45	4	-1	40
N74b	STWO	17				
N74c	EGWO	38,5	41,88889	3,388889	6,777778	45,27778
N74c	STWO	22	23,25	1,25	7	29
T92d	STWO	5	6	1	4,5	9,5
T92e	STWO					
T92g	EGWO					
T93a	EGWO	27	31	4	1	28
T93a	STWO	5,555556	6,111111	0,555556	0,111111	5,666667
T93b	EGWO	23	28,25	5,25	0,25	23,25
T93b	STWO	6,4	6,8	0,4	-0,9	5,5
T93c	STWO	11	11	0	-4	7
T93d	EGWO	21	26,64286	5,642857	5	26
T93d	STWO	7,545455	8,909091	1,363636	0,181818	7,727273
T93e	STWO	5	5	0		
T93f	STWO	5	5	0	0	5,25
T93g	STWO	5,25	5	-0,25	-0,25	5
T93i	EGWO	21	27	6	5	26
T93j	EGWO	24,66667	29,16667	4,5	2	26,66667
T93j	STWO	15	9,5	-5,5	17	32
T94a	EGWO	27,09524	31,47619	4,380952	5,190476	32,28571
T94a	STWO	12	10	-2	8	20
T94b	EGWO	22,72	27,52	4,8	4,2	26,92
T94b	STWO	7,666667	6,266667	-1,4	4	11,66667
T94c	STWO	5	5	0	0	5
T94d	EGWO	21,5	26	4,5	0,5	22
T94d	STWO	5	5	0	0	5
T94e	EGWO	14	18	4	-1	13
T94f	STWO	5	5	0	0,75	5,75
T94g	EGWO	25,8	28,8	3	4,1	29,9
T94g	STWO	5	12	7	4,5	9,5
T94h	EGWO	22,44444	27,33333	4,888889	2,777778	25,22222
T94h	STWO	6	11	5	3	9
T94i	EGWO	25,3125	27,8125	2,5	3,25	28,5625
T94i	STWO	9,333333	12,5	3,166667	-0,16667	9,166667
T94j	EGWO	26	29,5	3,5	-2,25	23,75
T94j	STWO	5	6,333333	1,333333	0,666667	5,666667
T94k	EGWO	24,33333	26,33333	2	2	26,33333
T94k	STWO	5	12	7	1	6
T94l	EGWO	32	37	5	0	32
T94m	STWO	5	5	0	0	5
T94n	STWO	6,666667	6,333333	-0,33333	-1,33333	5,333333
T95a	STWO	5	5	0	0	5
T95b	EGWO					

T95c	EGWO	14	20	6	-1	13
T95c	STWO					
T96b	EGWO	24	24	0	-2	22
T96b	STWO	5	5	0	0	5
T96c	EGWO	25	29	4	2,666667	27,66667
T96c	STWO	8	6,333333	-1,66667	10	18
T96d	EGWO	19	25	6	9	28
T96d	STWO	6,3	6,1	-0,2	0,2	6,5
T96e	STWO	5,555556	5,333333	-0,22222	0,777778	6,333333
T96f	EGWO	21,90909	26,54545	4,636364	3,454545	25,36364
T96f	STWO	5,428571	8,285714	2,857143	2,428571	7,857143
T96g	EGWO	26	30,5	4,5	2,214286	28,21429
T96g	STWO	8,25	7,25	-1	11	19,25
T97a	EGWO	24	26	2	2	26
T97a	STWO	5,111111	5,333333	0,222222	-0,11111	5
T97b	STWO	5	5,1	0,1	0	5
T97c	EGWO	24,6	28,25	3,65	0,6	25,2
T97c	STWO					
T97d	EGWO	21,53846	25,38462	3,846154	1,846154	23,38462
T97d	STWO	5	5,142857	0,142857	0,714286	5,714286
T98a	EGWO	23,0625	26,625	3,5625	1,875	24,9375
T98a	STWO	18,2	19	0,8	4,8	23
T98b	EGWO	33	37	4	-9	24

First(Stadsc	Gebruiksco	Mean(BSQ:	Mean(BSQ	Mean(versi	Mean(versi	Mean(BSQ 2023 (M3E - punt 2 3 correctie))
A	EGWO	47,07764	47,87888	0,66877	-4,42902	42,93787
A	STWO	41,67837	38,3669	-3,29775	-3,82022	37,76966
B	EGWO					
B	STWO					
E	EGWO	48,06452	48,64103	0,483871	0,935484	48,625
E	STWO	38,59895	36,41207	-2,20841	6,563923	45,09483
F	EGWO	32,332	35,64741	3,33	3,834	36,14542
F	STWO	15,91512	15,54805	-0,54377	1,689655	18,05385
K	EGWO	48,46575	48,49714	-0,0411	0,150685	48,68349
K	STWO	41,62048	38,78414	-3,02711	3,478916	45,28407
M	EGWO	47,1441	46,92664	-0,29258	0,829694	47,67681
M	STWO	35,1881	33,35294	-1,85797	5,084453	40,3384
N	EGWO	35,14706	37,85597	2,693277	4,206316	39,23918
N	STWO	20,12774	19,01075	-1,09926	4,566176	24,91844
T	EGWO	23,90099	28,0297	4,128713	2,777228	26,67822
T	STWO	6,636364	6,982249	0,357576	1,52439	8,113095