

Appendix 11.3

DETAILED INTERNAL DAYLIGHT
AND SUNLIGHT RESULTS



NOTE

Jackson's Row Developments Ltd (hereinafter referred to as 'the Applicant') is seeking to construct a major development proposal known as St Michael's, Jackson's Row, Manchester, UK

The planning application for the development was originally registered in January 2017. Following feedback, the decision was taken to revise the scheme. Revised plans and documents were submitted in November 2017 and the development was granted planning permission in June 2018.

Through the detailed design process, a number of relatively minor improvements to the original scheme have been identified; these will also provide technical and functional improvements through the next stage design process. The Applicant wishes to progress these proposed changes, which are considered to require amendments to the original scheme, through a Section 73 application.

An Environmental Statement, produced in accordance with the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 2011, was submitted in support of the Approved Development in 2017. The 2017 Environmental Statement comprised three volumes, as follows:

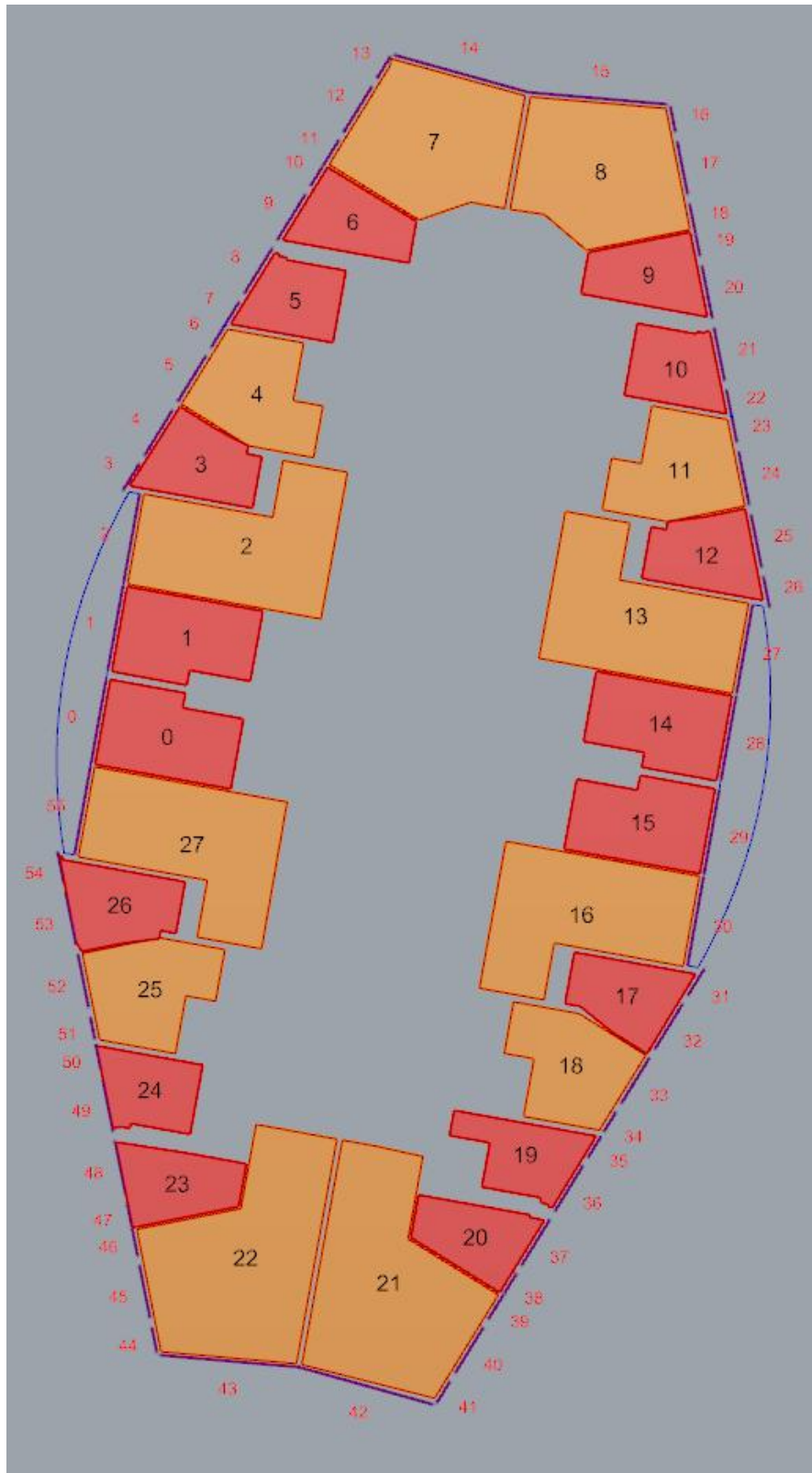
Volume 1: Main Text and Figures;
Volume 2: Technical Appendices;
Volume 3: Non-Technical Summary

With reference to Volumes 1 and 2 of the 2017 Environmental Statement, it has been decided that rather than updating and re-submitting the entire Volumes in support the Section 73 application, an 'Addendum' to the 2017 Environmental Statement should be submitted. This is because the Proposed Amendments to the scheme are minor in nature and the potential to affect the environmental assessment is limited.

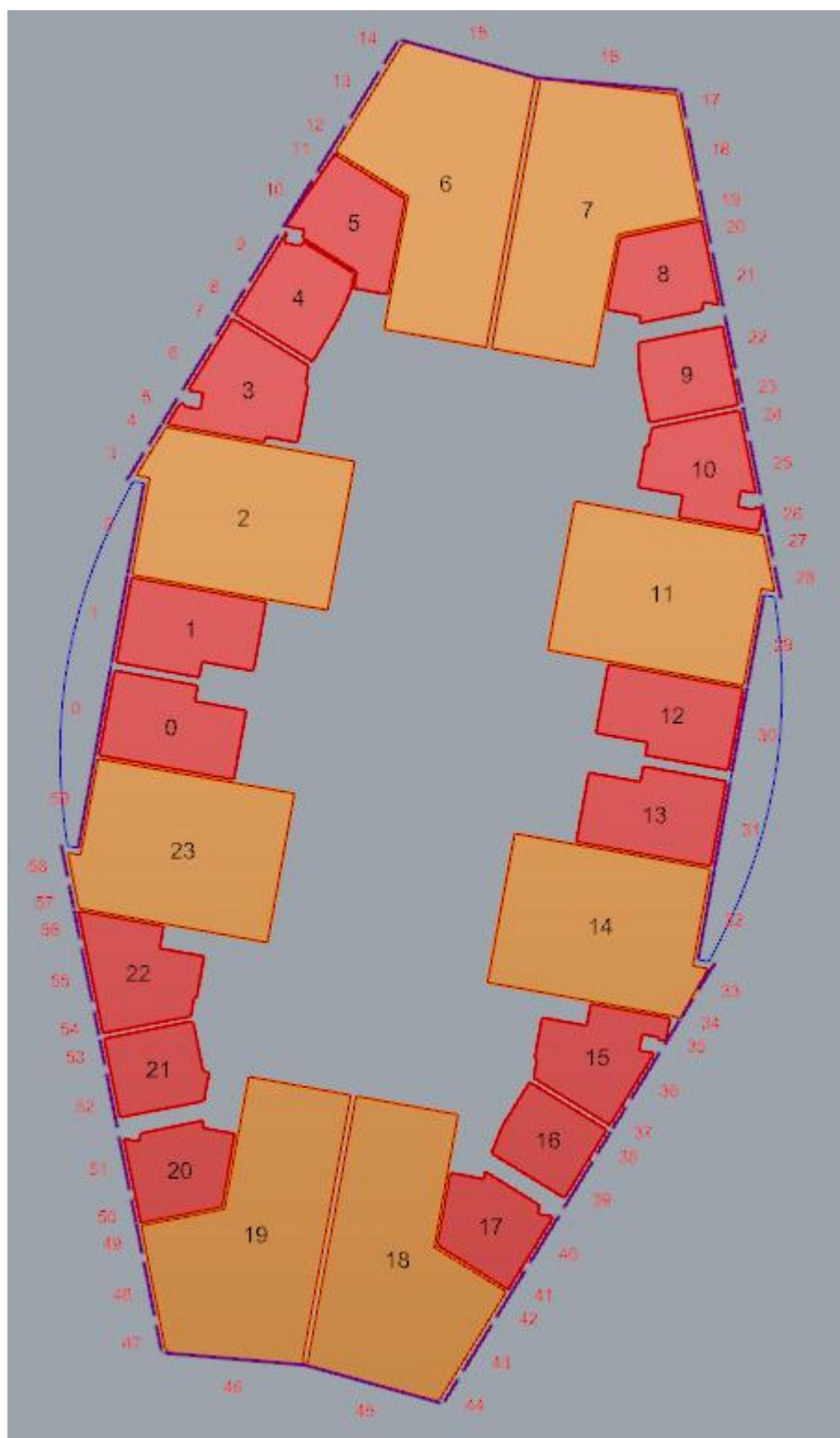
This Environmental Statement Volume 2 (2017) appendix formed part of the application package for the June 2018 approved scheme and remains valid.

Windows and rooms reference number

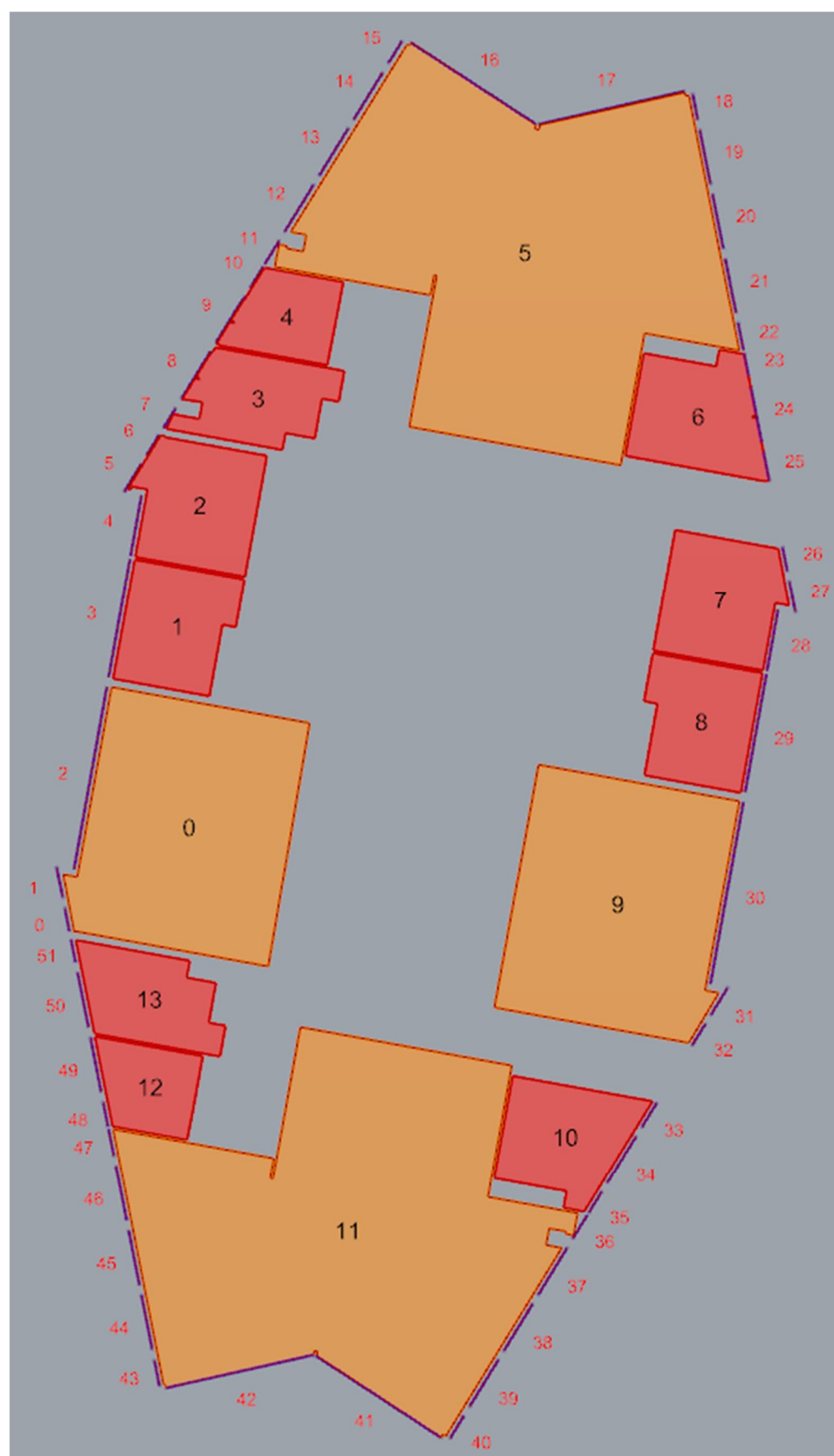
19th- 25th floor



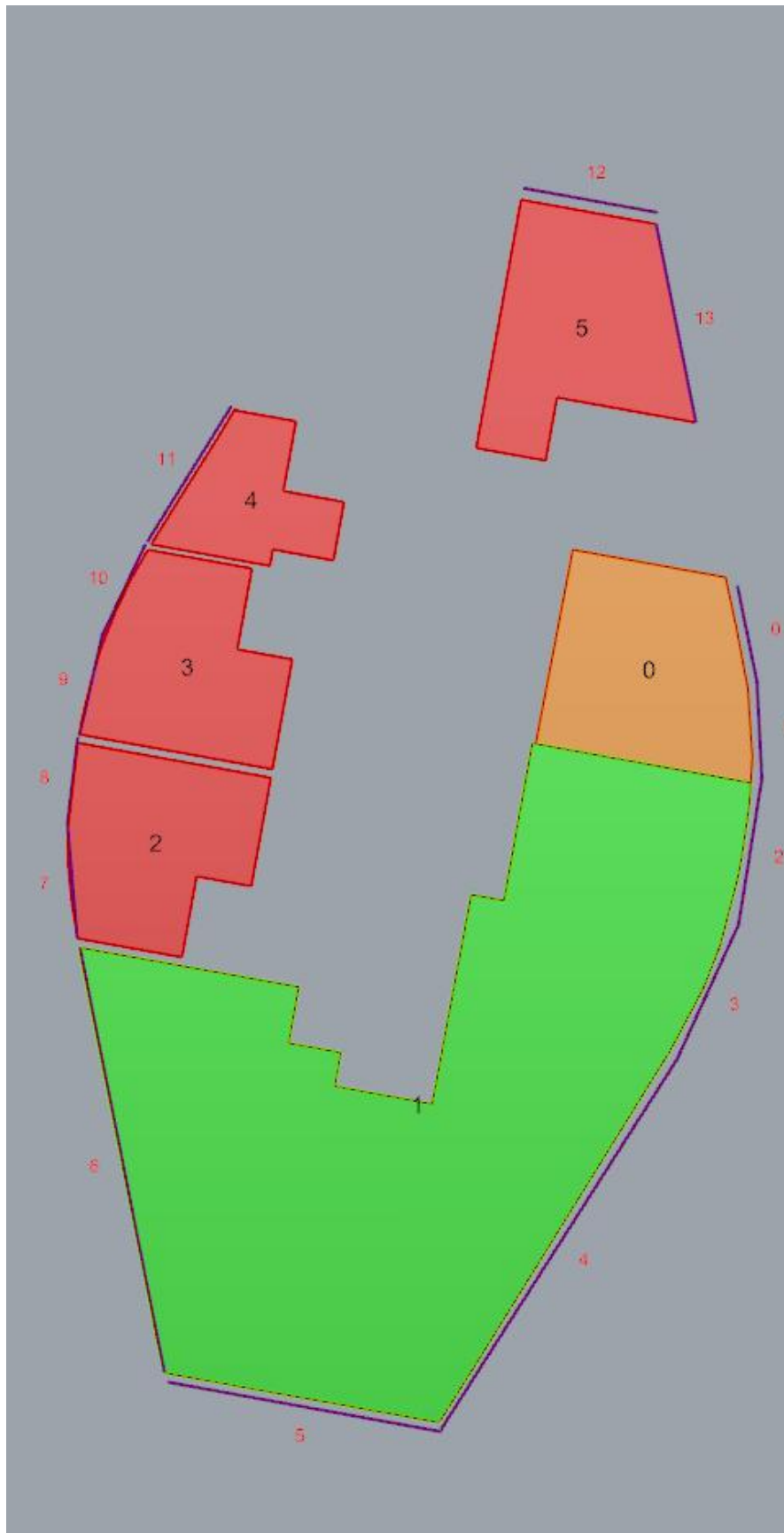
26^h- 35th floor



36^h- 37th floor



38th floor



Floor	Room	Window	VSC	ADF	T ar get	BRE	AP SH	WP SH	BRE	Orientat ion	BRE	Orientat ion
Number	Number	Number	%	%	%	Compliance	%	%	Compliance Window	Window	Compliance Room	Room
19	0	0	18.9	3	2	Above						
19	1	1	19	3	2	Above						
19	2	2	22.7	2.1	2	Above	21	4	Below	North Facing	Below	North Facing
19	3	3	34.7	5.7	1	Above						
19		4	35.1									
19	4	5	35	3.9	2	Above	23	3	Below	North Facing	Below	North Facing
19		6	33.8				17	1	Below	North Facing		
19	5	7	33.8	6	1	Above						
19		8	35									
19	6	9	35.2	5.4	1	Above						
19		10	33									
19	7	11	33.9	7.4	2	Above	26	5	Above	North Facing	Above	North Facing
19		12	35.2				23	3	Below	North Facing		
19		13	33.7				17	1	Below	North Facing		
19		14	22.9				6	1	Below	North Facing		
19	8	15	22.7	7.3	2	Above	8	1	Below	North Facing	Above	North Facing
19		16	33.6				25	4	Below	North Facing		
19		17	35				33	7	Above	North Facing		
19		18	33.7				33	7	Above	North Facing		
19	9	19	32.8	5.3	1	Above						
19		20	35									
19	10	21	34.9	6	1	Above						
19		22	33.7									
19	11	23	33.7	3.9	2	Above	25	4	Below	North Facing	Above	North Facing
19		24	34.9				33	7	Above	North Facing		
19	12	25	35	5.8	1	Above						
19		26	34.7									
19	13	27	22.6	2.1	2	Above	28	7	Above		Above	
19	14	28	19	3	2	Above						
19	15	29	19	3	2	Above						
19	16	30	22.9	2.1	2	Above	30	8	Above		Above	
19	17	31	34.7	5.9	1	Above						
19		32	35.1									
19	18	33	35.1	3.9	2	Above	56	19	Above		Above	

19		34	33.8				55	19	Above			
19	19	35	34.2	5	1	Above						
19		36	35.1									
19	20	37	35.1	5.3	1	Above						
19		38	32.9									
19	21	39	34.1	5.3	2	Above	47	14	Above		Above	
19		40	35.1				56	19	Above			
19		41	33.6				57	19	Above			
19		42	21.9				36	26	Above			
19	22	43	21.9	5.2	2	Above	40	28	Above		Above	
19		44	33.6				50	15	Above			
19		45	34.9				46	12	Above			
19		46	34.1				40	10	Above			
19	23	47	32.7	5.1	1	Above						
19		48	35									
19	24	49	34.9	5.9	1	Above						
19		50	34.1									
19	25	51	33.6	3.9	2	Above	50	16	Above		Above	
19		52	34.9				46	12	Above			
19	26	53	34.9	5.5	1	Above						
19		54	34.5									
19	27	55	22.7	2.1	2	Above	22	6	Below	North Facing	Below	North Facing
20	0	0	18.9	3	2	Above						
20	1	1	19	3	2	Above						
20	2	2	22.7	2.1	2	Above	21	4	Below	North Facing	Below	North Facing
20	3	3	34.7	5.7	1	Above						
20		4	35.1									
20	4	5	35	3.9	2	Above	23	3	Below	North Facing	Below	North Facing
20		6	33.8				17	1	Below	North Facing		
20	5	7	33.8	6	1	Above						
20		8	35									
20	6	9	35.2	5.4	1	Above						
20		10	33									
20	7	11	33.9	7.4	2	Above	26	5	Above	North Facing	Above	North Facing
20		12	35.2				23	3	Below	North Facing		
20		13	33.7				17	1	Below	North Facing		
20		14	22.9				6	1	Below	North Facing		
20	8	15	22.7	7.3	2	Above	8	1	Below	North Facing	Above	North Facing
20		16	33.6				25	4	Below	North Facing		
20		17	35				33	7	Above	North		

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20		18	33.7				33	7	Above	North Facing		
20	9	19	32.8	5.3	1	Above						
20		20	35									
20	10	21	34.9	6	1	Above						
20		22	33.7									
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20		24	34.9				33	7	Above	North Facing		
20	12	25	35	5.8	1	Above						
20		26	34.7									
20	13	27	22.6	2.1	2	Above	28	7	Above		Above	
20	14	28	19	3	2	Above						
20	15	29	19	3	2	Above						
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20	18	33	35.1	3.9	2	Above	56	19	Above		Above	
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20	19	35	34.2	5	1	Above						
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20		38	32.9									
20	21	39	34.1	5.4	2	Above	47	14	Above		Above	
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20		41	33.6				57	19	Above			
20		42	22				37	27	Above			
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20		44	33.6				51	16	Above			
20		45	34.9				46	12	Above			
20		46	34.1				41	11	Above			
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20		48	35									
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20	25	51	33.6	3.9	2	Above	50	16	Above		Above	
20		52	34.9				46	12	Above			
20	26	53	34.9	5.5	1	Above						
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21		36	35.1									
21	20	37	35.2	5.3	1	Above						
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21		50	34.2									
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21		52	35				46	12	Above			
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22		18	33.7				33	7	Above	North Facing		
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22	11	23	33.7	3.9	2	Above	25	4	Below	North Facing	Above	North Facing

22		24	34.9				33	7	Above	North Facing		
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22	16	30	22.9	2.1	2	Above	30	8	Above		Above	
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22		44	33.7				51	16	Above			
22		45	34.9				46	12	Above			
22		46	34.2				41	11	Above			
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22		48	35									
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22		50	34.2									
22	25	51	33.7	3.9	2	Above	50	16	Above		Above	
22		52	35				46	12	Above			
22	26	53	35	5.5	1	Above						
22		54	34.5									
22	27	55	22.7	2.1	2	Above	22	6	Below	North Facing	Below	North Facing
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23		16	33.6				25	4	Below	North Facing		
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23		18	33.7				33	7	Above	North Facing		
23	9	19	32.8	5.3	1	Above						
23		20	35									
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23		24	34.9				33	7	Above	North Facing		
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23		26	34.7									
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23	14	28	19	3	2	Above						
23	15	29	19	3	2	Above						
23	16	30	22.9	2.1	2	Above	30	8	Above		Above	
23	17	31	34.7	5.9	1	Above						
23		32	35.2									
23	18	33	35.2	3.9	2	Above	56	19	Above		Above	
23		34	33.9				55	19	Above			
23	19	35	34.2	5	1	Above						
23		36	35.2									
23	20	37	35.3	5.3	1	Above						
23		38	33.1									
23	21	39	34.2	5.4	2	Above	47	14	Above		Above	
23		40	35.3				56	19	Above			
23		41	33.8				57	19	Above			
23		42	22.2				37	27	Above			
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23		44	33.7				51	16	Above			
23		45	34.9				46	12	Above			
23		46	34.2				41	11	Above			
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23		48	35.1									
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23		50	34.2									
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23		52	35				46	12	Above			
23	26	53	35	5.5	1	Above						
23		54	34.5									
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24		18	33.7				33	7	Above	North Facing		
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24		50	34.2									
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24		52	35				46	12	Above			
24	26	53	35	5.6	1	Above						
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24	27	55	22.7	2.1	2	Above	22	6	Below	North Facing	Below	North Facing
25	0	336	18.9	3	2	Above						
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25	2	338	22.7	2.1	2	Above	21	4	Below	North Facing	Below	North Facing
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25	6	345	35.2	5.4	1	Above						
25		346	33									
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26	16	38	34.2	5.9	1	Above						
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26		41	33.1									
26	18	42	34.2	4.5	2	Above	47	14	Above		Above	
26		43	35.3				56	19	Above			
26		44	33.8				57	19	Above			
26		45	22.3				37	27	Above			
26	19	46	22.4	4.5	2	Above	41	29	Above		Above	
26		47	33.7				51	16	Above			
26		48	35				46	12	Above			
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26	21	52	35	5.8	1	Above						
26		53	34.2									
26	22	54	33.8	5.9	1	Above						
26		55	35									
26		56	34.3									
26	23	57	33.4	3.2	2	Above	50	16	Above		Above	
26		58	34.6				42	11	Above			
26		59	22.7				22	6	Below	North Facing		
27	0	0	18.9	3.1	1	Above						
27	1	1	19	3.1	1	Above						
27	2	2	22.7	3.2	2	Above	21	4	Below	North Facing	Above	North Facing
27		3	34.7				27	5	Above	North Facing		
27		4	33.4				17	1	Below	North Facing		
27	3	5	34.2	5.5	1	Above						
27		6	35									
27		7	33.9									
27	4	8	34	5.2	1	Above						
27		9	35									
27	5	10	35.2	4.5	1	Above						
27		11	33									
27	6	12	33.9	4.6	2	Above	26	5	Above	North Facing	Above	North Facing
27		13	35.2				23	3	Below	North Facing		
27		14	33.7				17	1	Below	North Facing		
27		15	22.9				6	1	Below	North Facing		
27	7	16	22.7	4.6	2	Above	8	1	Below	North Facing	Above	North Facing
27		17	33.6				25	4	Below	North Facing		

27		18	35				33	7	Above	North Facing		
27		19	33.7				33	7	Above	North Facing		
27	8	20	32.8	5	1	Above						
27		21	35									
27	9	22	34.9	5.9	1	Above						
27		23	33.8									
27	10	24	33.8	5.7	1	Above						
27		25	34.9									
27		26	34.2									
27	11	27	33.3	3.2	2	Above	25	4	Below	North Facing	Above	
27		28	34.7				35	8	Above	North Facing		
27		29	22.6				28	7	Above			
27	12	30	19	3.2	1	Above						
27	13	31	19	3.1	1	Above						
27	14	32	22.9	3.1	2	Above	30	8	Above		Above	
27		33	34.7				52	17	Above			
27		34	33.4				55	19	Above			
27	15	35	34.4	5.8	1	Above						
27		36	35.2									
27		37	34									
27	16	38	34.2	5.9	1	Above						
27		39	35.2									
27	17	40	35.3	5.1	1	Above						
27		41	33.1									
27	18	42	34.2	4.5	2	Above	47	14	Above		Above	
27		43	35.3				56	19	Above			
27		44	33.8				57	19	Above			
27		45	22.3				37	27	Above			
27	19	46	22.4	4.5	2	Above	41	29	Above		Above	
27		47	33.7				51	16	Above			
27		48	35				46	12	Above			
27		49	34.2				41	11	Above			
27	20	50	32.8	5.1	1	Above						
27		51	35.1									
27	21	52	35	5.8	1	Above						
27		53	34.2									
27	22	54	33.8	5.9	1	Above						
27		55	35									
27		56	34.3									
27	23	57	33.4	3.2	2	Above	50	16	Above		Above	
27		58	34.6				42	11	Above			

28	16	38	34.2	5.9	1	Above						
28		39	35.2									
28	17	40	35.3	5.1	1	Above						
28		41	33.1									
28	18	42	34.2	4.5	2	Above	47	14	Above		Above	
28		43	35.3				56	19	Above			
28		44	33.8				57	19	Above			
28		45	22.3				37	27	Above			
28	19	46	22.4	4.5	2	Above	41	29	Above		Above	
28		47	33.7				51	16	Above			
28		48	35.1				46	12	Above			
28		49	34.2				41	11	Above			
28	20	50	32.8	5.1	1	Above						
28		51	35.1									
28	21	52	35	5.8	1	Above						
28		53	34.2									
28	22	54	33.8	5.9	1	Above						
28		55	35									
28		56	34.3									
28	23	57	33.4	3.2	2	Above	50	16	Above		Above	
28		58	34.6				42	11	Above			
28		59	22.7				22	6	Below	North Facing		
29	0	0	18.9	3.1	1	Above						
29	1	1	19	3.1	1	Above						
29	2	2	22.8	3.2	2	Above	21	4	Below	North Facing	Above	North Facing
29		3	34.7				27	5	Above	North Facing		
29		4	33.4				17	1	Below	North Facing		
29	3	5	34.2	5.5	1	Above						
29		6	35									
29		7	33.9									
29	4	8	34	5.2	1	Above						
29		9	35									
29	5	10	35.2	4.5	1	Above						
29		11	33									
29	6	12	33.9	4.6	2	Above	26	5	Above	North Facing	Above	North Facing
29		13	35.2				23	3	Below	North Facing		
29		14	33.7				17	1	Below	North Facing		
29		15	22.9				6	1	Below	North Facing		
29	7	16	22.7	4.6	2	Above	8	1	Below	North Facing	Above	North Facing
29		17	33.6				25	4	Below	North Facing		

29		18	35				33	7	Above	North Facing		
29		19	33.7				33	7	Above	North Facing		
29	8	20	32.8	5	1	Above						
29		21	35									
29	9	22	34.9	5.9	1	Above						
29		23	33.8									
29	10	24	33.8	5.7	1	Above						
29		25	34.9									
29		26	34.2									
29	11	27	33.3	3.2	2	Above	25	4	Below	North Facing	Above	
29		28	34.7				35	8	Above	North Facing		
29		29	22.6				28	7	Above			
29	12	30	19	3.2	1	Above						
29	13	31	19	3.1	1	Above						
29	14	32	22.9	3.1	2	Above	30	8	Above		Above	
29		33	34.7				52	17	Above			
29		34	33.4				55	19	Above			
29	15	35	34.4	5.8	1	Above						
29		36	35.2									
29		37	34									
29	16	38	34.2	5.9	1	Above						
29		39	35.2									
29	17	40	35.3	5.1	1	Above						
29		41	33.1									
29	18	42	34.2	4.5	2	Above	47	14	Above		Above	
29		43	35.3				56	19	Above			
29		44	33.8				57	19	Above			
29		45	22.3				37	27	Above			
29	19	46	22.4	4.5	2	Above	41	29	Above		Above	
29		47	33.7				51	16	Above			
29		48	35.1				46	12	Above			
29		49	34.2				41	11	Above			
29	20	50	32.8	5.1	1	Above						
29		51	35.1									
29	21	52	35	5.8	1	Above						
29		53	34.2									
29	22	54	33.8	5.9	1	Above						
29		55	35									
29		56	34.3									
29	23	57	33.4	3.2	2	Above	50	16	Above		Above	
29		58	34.6				42	11	Above			

30	16	38	34.2	5.9	1	Above						
30		39	35.2									
30	17	40	35.3	5.1	1	Above						
30		41	33.1									
30	18	42	34.2	4.5	2	Above	47	14	Above		Above	
30		43	35.3				56	19	Above			
30		44	33.8				57	19	Above			
30		45	22.3				37	27	Above			
30	19	46	22.4	4.5	2	Above	41	29	Above		Above	
30		47	33.7				51	16	Above			
30		48	35.1				46	12	Above			
30		49	34.2				41	11	Above			
30	20	50	32.8	5.1	1	Above						
30		51	35.1									
30	21	52	35	5.8	1	Above						
30		53	34.2									
30	22	54	33.8	5.9	1	Above						
30		55	35									
30		56	34.3									
30	23	57	33.4	3.2	2	Above	50	16	Above		Above	
30		58	34.6				42	11	Above			
30		59	22.7				22	6	Below	North Facing		
31	0	0	18.9	3.1	1	Above						
31	1	1	19	3.1	1	Above						
31	2	2	22.7	3.2	2	Above	21	4	Below	North Facing	Above	North Facing
31		3	34.7				27	5	Above	North Facing		
31		4	33.4				17	1	Below	North Facing		
31	3	5	34.2	5.5	1	Above						
31		6	35									
31		7	33.9									
31	4	8	34	5.2	1	Above						
31		9	35									
31	5	10	35.2	4.5	1	Above						
31		11	33									
31	6	12	33.9	4.6	2	Above	26	5	Above	North Facing	Above	North Facing
31		13	35.2				23	3	Below	North Facing		
31		14	33.7				17	1	Below	North Facing		
31		15	22.9				6	1	Below	North Facing		
31	7	16	22.7	4.6	2	Above	8	1	Below	North Facing	Above	North Facing
31		17	33.6				25	4	Below	North Facing		

31		18	35				33	7	Above	North Facing		
31		19	33.7				33	7	Above	North Facing		
31	8	20	32.8	5	1	Above						
31		21	35									
31	9	22	34.9	5.9	1	Above						
31		23	33.8									
31	10	24	33.8	5.7	1	Above						
31		25	34.9									
31		26	34.2									
31	11	27	33.3	3.2	2	Above	25	4	Below	North Facing	Above	
31		28	34.7				35	8	Above	North Facing		
31		29	22.6				28	7	Above			
31	12	30	19	3.2	1	Above						
31	13	31	19	3.1	1	Above						
31	14	32	22.9	3.1	2	Above	30	8	Above		Above	
31		33	34.7				52	17	Above			
31		34	33.4				55	19	Above			
31	15	35	34.4	5.8	1	Above						
31		36	35.2									
31		37	34									
31	16	38	34.2	5.9	1	Above						
31		39	35.2									
31	17	40	35.3	5.1	1	Above						
31		41	33.1									
31	18	42	34.2	4.5	2	Above	47	14	Above		Above	
31		43	35.3				56	19	Above			
31		44	33.8				57	19	Above			
31		45	22.5				37	27	Above			
31	19	46	22.5	4.5	2	Above	41	29	Above		Above	
31		47	33.7				51	16	Above			
31		48	35.1				46	12	Above			
31		49	34.2				41	11	Above			
31	20	50	32.8	5.1	1	Above						
31		51	35.1									
31	21	52	35	5.8	1	Above						
31		53	34.2									
31	22	54	33.8	5.9	1	Above						
31		55	35									
31		56	34.3									
31	23	57	33.4	3.2	2	Above	50	16	Above		Above	
31		58	34.6				42	11	Above			

32	16	38	34.2	5.9	1	Above						
32		39	35.2									
32	17	40	35.3	5.1	1	Above						
32		41	33.1									
32	18	42	34.2	4.5	2	Above	47	14	Above		Above	
32		43	35.3				56	19	Above			
32		44	33.8				57	19	Above			
32		45	22.5				37	27	Above			
32	19	46	22.5	4.5	2	Above	41	29	Above		Above	
32		47	33.7				51	16	Above			
32		48	35.1				46	12	Above			
32		49	34.2				41	11	Above			
32	20	50	32.8	5.1	1	Above						
32		51	35.1									
32	21	52	35.1	5.9	1	Above						
32		53	34.2									
32	22	54	33.8	5.9	1	Above						
32		55	35									
32		56	34.4									
32	23	57	33.5	3.2	2	Above	50	16	Above		Above	
32		58	34.6				42	11	Above			
32		59	22.7				22	6	Below	North Facing		
33	0	0	18.9	3.1	1	Above						
33	1	1	19	3.1	1	Above						
33	2	2	22.8	3.2	2	Above	21	4	Below	North Facing	Above	North Facing
33		3	34.7				27	5	Above	North Facing		
33		4	33.4				17	1	Below	North Facing		
33	3	5	34.2	5.5	1	Above						
33		6	35									
33		7	33.9									
33	4	8	34	5.2	1	Above						
33		9	35									
33	5	10	35.2	4.5	1	Above						
33		11	33									
33	6	12	33.9	4.6	2	Above	26	5	Above	North Facing	Above	North Facing
33		13	35.2				23	3	Below	North Facing		
33		14	33.7				17	1	Below	North Facing		
33		15	22.9				6	1	Below	North Facing		
33	7	16	22.7	4.6	2	Above	8	1	Below	North Facing	Above	North Facing
33		17	33.6				25	4	Below	North Facing		

33		18	35				33	7	Above	North Facing		
33		19	33.7				33	7	Above	North Facing		
33	8	20	32.8	5	1	Above						
33		21	35									
33	9	22	34.9	5.9	1	Above						
33		23	33.8									
33	10	24	33.8	5.7	1	Above						
33		25	34.9									
33		26	34.2									
33	11	27	33.3	3.2	2	Above	25	4	Below	North Facing	Above	
33		28	34.7				35	8	Above	North Facing		
33		29	22.6				28	7	Above			
33	12	30	19	3.2	1	Above						
33	13	31	19	3.1	1	Above						
33	14	32	22.9	3.1	2	Above	30	8	Above		Above	
33		33	34.7				52	17	Above			
33		34	33.4				55	19	Above			
33	15	35	34.4	5.8	1	Above						
33		36	35.2									
33		37	34									
33	16	38	34.2	5.9	1	Above						
33		39	35.2									
33	17	40	35.3	5.1	1	Above						
33		41	33.1									
33	18	42	34.2	4.6	2	Above	47	14	Above		Above	
33		43	35.3				56	19	Above			
33		44	33.8				57	19	Above			
33		45	22.6				37	27	Above			
33	19	46	22.6	4.6	2	Above	41	29	Above		Above	
33		47	33.8				51	16	Above			
33		48	35.1				46	12	Above			
33		49	34.2				41	11	Above			
33	20	50	32.8	5.1	1	Above						
33		51	35.1									
33	21	52	35.1	5.9	1	Above						
33		53	34.2									
33	22	54	33.8	5.9	1	Above						
33		55	35									
33		56	34.4									
33	23	57	33.5	3.2	2	Above	50	16	Above		Above	
33		58	34.6				42	11	Above			

34	16	38	34.2	5.9	1	Above						
34		39	35.2									
34	17	40	35.3	5.1	1	Above						
34		41	33.1									
34	18	42	34.2	4.6	2	Above	47	14	Above		Above	
34		43	35.3				56	19	Above			
34		44	33.8				57	19	Above			
34		45	22.6				37	27	Above			
34	19	46	22.6	4.6	2	Above	41	29	Above		Above	
34		47	33.8				51	16	Above			
34		48	35.1				46	12	Above			
34		49	34.2				41	11	Above			
34	20	50	32.8	5.1	1	Above						
34		51	35.1									
34	21	52	35.1	5.9	1	Above						
34		53	34.2									
34	22	54	33.8	5.9	1	Above						
34		55	35									
34		56	34.4									
34	23	57	33.5	3.2	2	Above	50	16	Above		Above	
34		58	34.6				42	11	Above			
34		59	22.7				22	6	Below	North Facing		
35	0	0	18.9	3.1	1	Above						
35	1	1	19	3.1	1	Above						
35	2	2	22.7	3.2	2	Above	21	4	Below	North Facing	Above	North Facing
35		3	34.7				27	5	Above	North Facing		
35		4	33.4				17	1	Below	North Facing		
35	3	5	34.2	5.5	1	Above						
35		6	35									
35		7	33.9									
35	4	8	34	5.2	1	Above						
35		9	35									
35	5	10	35.2	4.5	1	Above						
35		11	33									
35	6	12	33.9	4.6	2	Above	26	5	Above	North Facing	Above	North Facing
35		13	35.2				23	3	Below	North Facing		
35		14	33.7				17	1	Below	North Facing		
35		15	22.9				6	1	Below	North Facing		
35	7	16	22.7	4.6	2	Above	8	1	Below	North Facing	Above	North Facing
35		17	33.6				25	4	Below	North Facing		

35		18	35				33	7	Above	North Facing		
35		19	33.7				33	7	Above	North Facing		
35	8	20	32.8	5	1	Above						
35		21	35									
35	9	22	34.9	5.9	1	Above						
35		23	33.8									
35	10	24	33.8	5.7	1	Above						
35		25	34.9									
35		26	34.2									
35	11	27	33.3	3.2	2	Above	25	4	Below	North Facing	Above	
35		28	34.7				35	8	Above	North Facing		
35		29	22.6				28	7	Above			
35	12	30	19	3.2	1	Above						
35	13	31	19	3.1	1	Above						
35	14	32	22.9	3.1	2	Above	30	8	Above		Above	
35		33	34.7				52	17	Above			
35		34	33.4				55	19	Above			
35	15	35	34.4	5.8	1	Above						
35		36	35.2									
35		37	34									
35	16	38	34.2	5.9	1	Above						
35		39	35.2									
35	17	40	35.3	5.1	1	Above						
35		41	33.1									
35	18	42	34.2	4.6	2	Above	47	14	Above		Above	
35		43	35.3				56	19	Above			
35		44	33.8				57	19	Above			
35		45	22.6				37	27	Above			
35	19	46	22.6	4.6	2	Above	41	29	Above		Above	
35		47	33.8				51	16	Above			
35		48	35.1				46	12	Above			
35		49	34.2				41	11	Above			
35	20	50	32.8	5.1	1	Above						
35		51	35.1									
35	21	52	35.1	5.9	1	Above						
35		53	34.2									
35	22	54	33.8	5.9	1	Above						
35		55	35									
35		56	34.4									
35	23	57	33.4	3.2	2	Above	50	16	Above		Above	
35		58	34.7				42	11	Above			

36	16	38	34.2	5.9	1	Above						
36		39	35.2									
36	17	40	35.3	5.1	1	Above						
36		41	33.1									
36	18	42	34.2	4.6	2	Above	47	14	Above		Above	
36		43	35.3				56	19	Above			
36		44	33.8				57	19	Above			
36		45	22.6				37	27	Above			
36	19	46	22.6	4.6	2	Above	41	29	Above		Above	
36		47	33.8				51	16	Above			
36		48	35.1				46	12	Above			
36		49	34.2				41	11	Above			
36	20	50	32.9	5.1	1	Above						
36		51	35.1									
36	21	52	35.1	5.9	1	Above						
36		53	34.2									
36	22	54	33.9	5.9	1	Above						
36		55	35.1									
36		56	34.4									
36	23	57	33.5	3.2	2	Above	50	16	Above		Above	
36		58	34.7				42	11	Above			
36		59	22.7				22	6	Below	North Facing		
37	0	0	34.9	3.2	2	Above	53	16	Above		Above	
37		1	36.1				42	11	Above			
37		2	19.5				25	8	Above	North Facing		
37	1	3	18.8	4.4	1	Above						
37	2	4	21.4	4.5	2	Above	17	3	Below	North Facing	Above	North Facing
37		5	36.1				27	5	Above	North Facing		
37		6	35				17	1	Below	North Facing		
37	3	7	35.2	3.9	1	Above						
37		8	36.7									
37	4	9	36.9	5.5	1	Above						
37		10	34.6									
37	5	11	35.4	5.3	2	Above	27	5	Above	North Facing	Above	North Facing
37		12	36.9				24	3	Below	North Facing		
37		13	36.7				24	3	Below	North Facing		
37		14	36.9				24	3	Below	North Facing		
37		15	34.8				17	1	Below	North Facing		
37		16	13.8				4	0	Below	North Facing		

37		17	14.1				1	0	Below	North Facing		
37		18	34.8				25	4	Below	North Facing		
37		19	36.9				33	7	Above	North Facing		
37		20	36.8				33	7	Above	North Facing		
37		21	36.9				33	7	Above	North Facing		
37		22	35.3				33	7	Above	North Facing		
37	6	23	34.5	5.1	2	Above	25	4	Below	North Facing	Above	North Facing
37		24	36.9				33	7	Above	North Facing		
37		25	35.5				33	7	Above	North Facing		
37	7	26	34.9	4.7	2	Above	25	4	Below	North Facing	Above	
37		27	36.2				35	8	Above	North Facing		
37		28	20.7				24	9	Below			
37	8	29	19.1	4.5	1	Above						
37	9	30	19.4	3.3	2	Above	27	9	Above		Above	
37		31	36.2				52	17	Above			
37		32	35.5				57	19	Above			
37	10	33	35.6	5.3	2	Above	46	13	Above		Above	
37		34	37				57	19	Above			
37		35	34.9				57	19	Above			
37	11	36	35.7	5.3	2	Above	46	13	Above		Above	
37		37	37				57	19	Above			
37		38	36.8				57	19	Above			
37		39	37				57	19	Above			
37		40	35				57	19	Above			
37		41	13.8				20	20	Below			
37		42	13.6				21	20	Below			
37		43	34.9				51	16	Above			
37		44	36.9				46	12	Above			
37		45	36.8				46	12	Above			
37		46	36.9				46	12	Above			
37		47	35.8				41	11	Above			
37	12	48	34.7	5.7	1	Above						
37		49	36.9									
37	13	50	36.8	4.2	1	Above						
37		51	35.5									
38	0	0	34.9	3.2	2	Above	53	16	Above		Above	
38		1	36.2				42	11	Above			
38		2	19				23	8	Below	North Facing		
38	1	3	17.9	4.2	1	Above						

38	2	4	20.8	4.5	2	Above	16	2	Below	North Facing	Above	North Facing
38		5	36.2				27	5	Above	North Facing		
38		6	35				17	1	Below	North Facing		
38	3	7	35.2	3.9	1	Above						
38		8	36.7									
38	4	9	36.9	5.5	1	Above						
38		10	34.6									
38	5	11	35.4	5.3	2	Above	27	5	Above	North Facing	Above	North Facing
38		12	37				24	3	Below	North Facing		
38		13	36.7				24	3	Below	North Facing		
38		14	37				24	3	Below	North Facing		
38		15	34.8				17	1	Below	North Facing		
38		16	13.4				3	0	Below	North Facing		
38		17	13.5				1	0	Below	North Facing		
38		18	34.8				25	4	Below	North Facing		
38		19	36.9				33	7	Above	North Facing		
38		20	36.8				33	7	Above	North Facing		
38		21	36.9				33	7	Above	North Facing		
38		22	35.3				33	7	Above	North Facing		
38	6	23	34.6	5.1	2	Above	25	4	Below	North Facing	Above	North Facing
38		24	36.9				33	7	Above	North Facing		
38		25	35.5				33	7	Above	North Facing		
38	7	26	35	4.7	2	Above	25	4	Below	North Facing	Above	
38		27	36.3				35	8	Above	North Facing		
38		28	20.2				22	8	Below			
38	8	29	17.8	4.3	1	Above						
38	9	30	18.3	3.2	2	Above	27	9	Above		Above	
38		31	36.2				52	17	Above			
38		32	35.5				57	19	Above			
38	10	33	35.6	5.3	2	Above	46	13	Above		Above	
38		34	37				57	19	Above			
38		35	34.9				57	19	Above			
38	11	36	35.7	5.3	2	Above	46	13	Above		Above	
38		37	37				57	19	Above			
38		38	36.8				57	19	Above			
38		39	37				57	19	Above			
38		40	35				57	19	Above			
38		41	13.4				20	20	Below			

