

Bangladesh Rice Research Institute
Habiganj R/S
Daily Weather Data

Year
Month

		Maximum Temp											
2019													
Day	January	February	March	April	May	June	July	August	September	October	November	December	
1	27.8	26.8	25.8	29.1	28	29.2	33.5	34.1	34.2	29.5	34.2	27.2	
2	27.1	26.2	26.8	28.3	33.2	29.1	36.2	34.2	34.2	29.8	33.6	28.5	
3	27.2	27.2	24.5	27.2	26.5	30	35.2	34.5	33.8	28.8	32.8	28.5	
4	26.2	20.2	23.5	26.1	32.2	30.2	33.2	37.2	34.5	31.8	33.8	28.6	
5	20.5	20.8	27.5	22.3	33.2	30.7	32.2	36.8	35.2	34.5	33.2	30.2	
6	27.8	28.1	30	30	33.5	34.1	29.2	33.2	34.8	33.5	26.8	30.8	
7	25.5	28.2	30	28.2	34.2	35	28.2	33.1	34.2	33.8	30.7	28.8	
8	26.5	29.4	29	25.2	30.6	31.2	27.5	34.1	30.5	35.2	27.6	27.2	
9	26.3	20.2	29.5	28.5	32.2	35.8	28.2	34.2	32.8	33.5	24.4	20.2	
10	28.8	26.5	31.2	33.2	30.1	36.2	28.7	30.8	34.8	32.2	28.1	25.8	
11	26.5	26.8	29.5	34.2	35	36.2	29.2	34.5	34.5	32.8	31.2	27.1	
12	27.2	27.2	32.2	33.2	35.2	36.8	31.8	36.8	33.2	34.8	34.1	27.2	
13	27.5	27.1	31	33.8	34.2	34.1	25.5	36.5	34	36.2	34.2	28.2	
14	24.2	28.1	31.2	35.2	35.2	29.2	25.5	34.8	33.5	34.2	34.1	28.6	
15	26.5	29.8	31.1	32.8	34.8	32.8	31.8	29.8	35.8	36.2	33.5	29.5	
16	26.3	29.8	31	33.8	34.5	33.8	33.8	32.2	35.8	36.8	33.3	28.7	
17	26.5	25.8	31	33.8	35.2	36.2	33.7	32.2	36.8	35.2	32.6	28.5	
18	24.8	27.8	31.1	35.2	34.5	37.8	35.2	34.5	36.5	32.8	31.5	28.1	
19	25.2	28.5	31.2	34.5	36.5	36.1	36.2	34.2	36.2	33.1	31.2	259.5	
20	20.8	28.1	31.2	34.7	36.5	35.2	35.8	36.8	37.2	33.2	31.1	17.1	
21	27.8	30.2	30.8	35.1	33.4	34.5	30.5	36.7	36.8	29.8	32.2	20.2	
22	28.2	27.8	31.2	36.5	33.2	36.2	34.3	37.5	32.2	25.8	31.3	20.2	
23	28.4	29.2	32.2	34.5	32	36.2	28.7	29.8	31.8	26.1	32.1	19.2	
24	28.5	23.8	31.2	34.6	27.2	34.2	30.3	35.5	27.5	25.6	32.2	20.2	
25	20.2	24.5	31	37.8	33.2	31.2	30.2	34.8	33.2	25.1	32.1	20.8	
26	29.2	24.5	31	37.2	32.2	32.8	31.2	35.5	32.8	28.2	33.1	23.8	
27	23.8	26.7	31	33.2	35.2	30.2	33.2	34.5	31.2	34.1	33.8	22.2	
28	20.5	24.5	28.7	34.5	35.8	32.2	33.5	36.1	32.2	34.3	32.2	26.3	
29	24.5		29	34.3	35.4	35.2	29.5	36.8	31.5	30.8	31.2	26.8	
30	28.1		29	33.8	36.2	33.8	30.2	36.8	28.2	32.1	22.8	29.2	
31	29.5		29		29.5		33.6	37.8		32.2		30.2	

Year
Month

Minnum Temp													
2019	January	February	March	April	May	June	July	August	September	October	November	December	
1	12.8	15.2	14.5	16.2	25	20.8	27.8	27.3	24.5	25.2	23.1	15.8	
2	13.2	13.8	163.8	16.4	24.2	20.2	27.2	26.8	25.5	25.3	22.4	15.8	
3	13.5	13.5	17.8	21.3	23.2	20.8	27.8	28.5	26.2	25.2	22.3	16.8	
4	15.5	14.2	19.2	21.2	26.5	21.5	26.1	27.2	28.2	26.2	22.7	16.7	
5	12.8	14.5	21.2	19.2	25.8	21.1	25.8	27.8	27.5	28.5	22.5	15.8	
6	13.2	14.2	19	19	26.8	21.3	25.5	27.8	26.8	25.2	22.6	18.8	
7	12.8	14.8	18	19.5	24.8	23.7	25.5	27.6	26.5	25.8	23.2	16.2	
8	13.2	15.2	16.8	18.8	27.2	16.5	26.2	26.2	26.2	23.2	22.3	16.8	
9	15.7	13.5	15.8	22.2	27.8	17.5	24.8	26.8	25.8	24.8	21.5	16.2	
10	12.2	12.8	21.5	24.8	22.3	28.8	25.1	26.5	25.8	24.2	22.2	15.2	
11	12.8	15.2	20.2	19.8	22	27.8	24.8	26.3	24.8	23.8	21.5	14.7	
12	12.8	15.8	20.8	21.8	22.8	25.5	24.2	25.5	25.2	24.5	22.2	14.8	
13	13.5	15.8	20	21.8	23.8	24.3	23.5	26.1	25.5	25.8	22.1	15.8	
14	12.8	15.5	22.2	20.5	24.8	24.8	24.2	26.2	26.8	24.5	21.6	15.3	
15	14.5	15.6	19	22.5	25.1	25.5	26.8	25.2	25.5	23.8	20.8	14.9	
16	14.7	13.4	19.1	24.5	25.3	26.5	27.8	25.8	26.2	26.2	20.5	15.6	
17	13.8	16.5	19.4	24.3	20.2	27.8	27.3	26.2	27.2	25.5	20.5	14.8	
18	14.2	17.5	19.2	23.8	25.5	28.2	25.5	26.8	26.8	25.8	20.1	14.8	
19	13.5	16.8	19.6	21.2	23.8	27.8	25.5	28.2	27.2	26.2	19.3	15.9	
20	14.8	16.2	19.8	21.8	22.2	27.5	29.5	27.5	25.5	25.8	19.3	14.8	
21	14.5	17.8	19.8	22.2	23.8	28.2	26.8	27.4	25.8	25.2	18.6	13.8	
22	14.2	18.8	19.5	23.5	22.8	27.5	25.5	25.5	24.2	22.4	18.5	12.8	
23	15.1	17.8	19.2	26.2	21.8	28.8	26.3	26.2	23.2	23.1	19.2	14.5	
24	15.8	17.5	19.4	26.1	24.8	28.5	25.8	26.5	24.2	24.2	19.3	13.1	
25	16.5	17.2	19	26.5	23.5	24.8	27.5	27.5	25.5	23.2	19.2	12.5	
26	18.8	17.2	19.2	25.8	22.5	25.4	28.5	27.2	25.5	22.5	19.3	12.5	
27	17.2	17.8	19.4	23.8	25.8	24.5	27.8	27.2	25.8	23.6	19.2	11.8	
28	12.2	12.2	15.7	27.2	26.2	27.5	26.2	26.8	23.8	25.2	18.9	12.5	
29	12.8		22	27.6	26.8	28.2	25.8	26.2	24.8	24.7	18.8	17.8	
30	14.5		23	27.1	22.8	27.5	26.5	26.2	24.2	23.8	16.5	17.5	
31	14.2		21.5		21.2		27.8	25.8		23.7		15.8	

Year
Month

Rainfall													
2019	January	February	March	April	May	June	July	August	September	October	November	December	
1	0	0	11.5	0	17.4	21.8	9.4	0	39.8	7.8	0	0	
2	0	0	0	19	77.6	2.8	0	0	87.8	27.4	0	0	
3	0	0	0	0	2.8	0	0	2.2	8.8	0	0	0	
4	0	0	7.8	0	0	1.2	0	0	3.4	0	0	0	
5	0	0	0	0	0	171.8	0	0	1.6	0	0	0	
6	0	0	0	12	0	2.3	0	0	0	0	0	0	
7	0	0	0	11.8	0	0	32.8	0	1.2	3.8	0	0	
8	0	0	28	4.6	0	6.4	24.2	0	0	0	5.6	0	
9	0	0	21	27.2	0	1.4	0	0	3.8	28.2	10.6	0	
10	0	0	0	0	0	0	26.4	29.8	0	0	2	0	
11	0	0	0	0	12.2	0	0	0	0	15.2	0	0	
12	0	0	0	0	7.4	0	67.8	0	2.4	0	0	0	
13	0	0	0	0	14.4	77.8	64	59.8	10.2	0	0	0	
14	0	0	0	0	0	0	64.8	0	0	0	0	0	
15	0	0	20.2	2.8	0	1.4	9.6	0	0	0	0	0	
16	0	0	0	0	0	0	0	31.8	0	0	0	0	
17	0	13.8	0	0	2.1	5.8	0	18.6	12.4	0	0	0	
18	0	0	0	0	52.2	0	0	18.8	0	0	0	0	
19	0	0	0	0	0	0	8.4	2.6	0	0	0	0	
20	0	0	0	0	20.6	0	0	0	0	0	0	0	
21	0	0	26.6	0	36.4	0	1.8	0	15.8	0	0	0	
22	0	0	0	0	15.8	5.8	0	0	6.8	0	0	0	
23	0	0	0	0	0	0	113.4	57.8	9.2	22.4	0	0	
24	0	0	0	0	120.6	0	4.4	1.2	54.8	2.1	0	0	
25	0	12.8	0	0	7.8	0	25	12.8	2.4	1.1	0	0	
26	0	0	0	0	0	114.8	10.8	0	0	5.2	0	0	
27	0	16.6	0	0	12.6	1.2	0	0	6.2	0	0	4.4	
28	0	0	0	6.8	0	68.8	0	0	0	0	0	0	
29	0	0	0	0	0	0	8.4	0	3.6	0	0	0	
30	0	0	20	0	0	0	9.4	32.3	24.4	0	0	0	
31	0	0	82	0	14.8	0	4.8	0	0	0	0	0	

Year
Month

Evaporation												
2019	January	February	March	April	May	June	July	August	September	October	November	December
1			2					3				
2			4					5	2			
3			1.8	3				3	0		3	
4			1	2				2	6		2	
5			2		3			2	4		3	
6			2		6			3.8	5		4	
7			3		7			2.2	4		1.8	
8			0		3			1	0			
9			0		4				0		3	
10			2						6		4.2	
11			1	4			4		3		3	
12			3	4				5	0		3	
13			4	5					4		4	
14			3.2	3	3				2		2	
15			4	0	2			6.6	2		4	
16			1	2				7	4		4	
17			4	4			5	4			3	
18			2	4			5	4			4	
19			5	5			3		4		5	
20				3				5.8	4		3	
21				7				2	3		2	
22			1	4				5.2				
23			3	5			3	3	2.2			
24			1	3			3	6	5.8			
25			4	6				1.8	5			
26			2	3				3	3		2	
27			2	0	5			2	2		3	
28			3	5	3			4.4	2		1	
29				2	3		5		0		2	
30									2		2	
31								3.4				

Year
Month

R.H.9.am												
2019	January	February	March	April	May	June	July	August	September	October	November	December
1	84	85	84	90	84	95	66	81	96	87	90	95
2	89	89	85	94	91	91	74	81	96	91	90	90
3	94	84	85	90	100	91	84	80	91	84	90	86
4	89	100	85	95	76	91	78	80	88	88	95	82
5	84	84	86	76	84	88	87	84	80	96	90	86
6	89	89	90	95	88	92	87	81	92	87	95	77
7	94	89	86	95	88	91	96	74	80	92	90	85
8	88	77	86	82	80	91	100	77	84	91	91	90
9	88	80	82	90	78	91	100	88	91	91	90	94
10	94	84	78	83	84	88	100	95	88	87	95	94
11	94	85	90	84	91	80	96	71	84	91	90	94
12	80	89	86	83	91	80	88	88	87	92	95	90
13	89	85	86	86	83	91	95	87	80	88	95	85
14	89	85	79	88	83	88	100	91	81	88	90	85
15	89	90	83	79	80	84	95	84	88	84	95	85
16	100	89	86	80	83	84	91	91	80	81	90	95
17	89	100	90	87	91	66	100	80	81	73	90	85
18	100	85	82	87	80	84	96	88	88	88	95	95
19	100	81	82	84	88	84	84	88	75	84	90	90
20	100	85	86	86	91	84	84	92	80	85	90	80
21	100	85	91	87	87	81	84	84	88	88	85	84
22	94	100	83	87	83	84	80	84	91	96	95	100
23	94	90	91	83	87	74	91	100	87	95	90	100
24	94	84	75	87	91	84	95	91	95	91	90	100
25	100	94	91	80	87	80	87	92	88	87	95	94
26	95	89	75	84	83	100	80	81	88	95	95	89
27	85	94	98	91	87	88	81	88	88	95	90	94
28	84	89	79	96	84	96	77	80	84	91	90	89
29	83		78	92	77	92	88	88	91	91	90	90
30	89		95	88	80	80	91	87	95	91	90	85
31	90		94		95		84	80		80		81

Year
Month

		R.H.2pm											
2019		January	February	March	April	May	June	July	August	September	October	November	December
Day													
1		72	83	81	68	58	84	71	80	71	75	67	72
2		74	79	67	67	60	84	64	67	84	75	67	78
3		59	87	72	67	95	80	64	73	78	74	58	82
4		70	91	64	76	87	91	74	64	74	70	73	82
5		58	91	68	87	74	88	80	78	78	72	64	78
6		62	82	76	68	78	75	64	75	73	81	74	66
7		95	78	76	86	78	75	67	67	74	75	68	66
8		78	75	76	76	74	77	84	63	73	74	58	66
9		78	71	67	76	78	78	84	63	74	64	60	69
10		65	70	76	73	68	73	90	75	73	80	74	95
11		71	65	63	76	68	71	91	70	77	81	77	90
12		77	66	83	70	72	71	92	70	78	78	77	90
13		54	66	84	74	60	62	85	72	75	74	71	90
14		62	76	84	58	75	81	95	81	71	74	74	74
15		76	83	91	74	69	80	91	81	62	74	68	95
16		81	83	80	66	73	61	91	75	64	74	65	74
17		79	75	71	78	81	70	88	78	73	74	67	90
18		83	71	72	77	71	62	74	70	74	74	65	78
19		74	81	71	84	69	62	77	75	68	74	77	85
20		75	75	71	68	70	61	74	73	70	74	59	90
21		74	91	76	72	72	67	74	74	71	80	62	69
22		63	79	77	70	78	85	67	62	62	88	59	90
23		75	76	80	63	74	81	88	72	73	85	65	85
24		83	69	65	71	80	71	78	75	81	81	68	90
25		79	77	67	75	77	74	84	75	74	81	62	73
26		78	86	79	72	80	88	69	68	74	894	65	72
27		76	86	67	81	78	91	58	68	77	88	74	81
28		76	95	71	71	80	88	64	70	70	80	63	89
29		65		84	74	73	81	67	71	85	85	87	77
30		71		77	71	72	80	70	80	65	88	95	77
31		57		87		80		78	71		88		71

Year
Month

		Sunshine											
2019		January	February	March	April	May	June	July	August	September	October	November	December
Day													
1		8.8	8.4	6.3	8.6	4.6	4.7	5.5	9.6	8.3	1.3	5.5	5.8
2		7.8	7.9	9.2	6.7	1.2	2.8	8.6	6.8	8.6	1.6	9.2	6.6
3		8.5	8.1	8	7.3	3	0	7.8	6.5	7.3	7	7.6	7.8
4		8.4	8.3	1.6	7.1	1.6	1	9	9.8	4	1.7	7.9	9
5		8.7	7.7	3	3.4	9	0	3.1	9	7	3.7	8.7	8.8
6		8.1	7.4	6.2	2.9	8.3	8.7	2.1	9.9	10.1	5.7	6.5	7
7		8.2	8.3	9.1	4.6	8.4	4.2	1.6	3.5	8.6	9.2	4.8	7.7
8		7.1	8.2	0	3.1	9	7.1	0.4	5	7	2.4	1	7.8
9		7.2	5.3	0	3.9	7.7	4.6	0	3.9	6.9	5.7	0	5.1
10		8.1	9.1	4.3	5.6	7.3	8.7	0	10.2	7.5	8.2	0	4.7
11		8	9.5	6.5	8.4	7.6	10.1	1	2.1	6.8	2.6	2.1	5.1
12		8.2	7.5	3.7	9	9	6.5	0	3.2	4.1	9.5	7.6	7.5
13		8.2	8.5	6.9	9.2	7.8	7.5	3.5	0	8.2	9	8.6	0
14		7.1	8.5	8.7	8.1	8.5	3.9	0	2.8	7	9.1	8.4	7.8
15		7.3	8.2	1.1	9.9	7.4	1	0	2.3	8.9	9.4	5.2	7.4
16		8	7.6	9	5	8.4	4	6	0	8.3	5.4	8.5	6.7
17		7.4	2.1	8.4	8.5	2.4	6.1	7.8	6.5	5.2	9.8	8.4	4.9
18		7.1	10	8.6	10.4	0	6.6	9	6.1	9.1	6.4	7.6	3.1
19		6.2	7.1	8.3	9.8	5	8.5	0	8.9	10.5	7.9	7	2.4
20		8	8.4	2.4	8.1	8	8.3	8	9.2	6.5	8.5	6.2	0
21		8.3	1.2	2.6	10.8	8	7.8	7	7.5	6	4.1	8.4	0
22		7.6	2.4	9.1	8.3	5	6.6	1.8	7.4	5.5	2.6	7.6	0.3
23		8.1	2.2	5.2	8.6	5.5	8.6	7.2	0	3.4	1.1	8.5	0.5
24		8	8.1	9.4	10	0	8	0.5	5.6	4.5	0	8.7	2.1
25		7.9	6	9.7	9.3	2	3.7	4	6	0.7	0	9	6.6
26		8	5.2	7.6	9.5	7.1	0	1.8	9.9	9.8	0.7	7.6	1.8
27		7.6	4.7	8	5	4.2	0.4	6.6	8	0	2.8	9	0
28		4.9	9	9.2	5.3	10.1	0	4.9	3.4	0.8	9	9	6.9
29		7.3		6.9	10	9.1	6.4	6.5	7.9	4.3	7.5	8.5	8.2
30		8.4		3.1	10.6	10.4	9.2	1.8	0	2.7	8.5	6.8	5.1
31		8.7		2		0		3.4	4.1		6.8		7.5

Year
Month

Cloudy													
2019													
Day	January	February	March	April	May	June	July	August	September	October	November	December	
1	1.9	2.8	5.5	3.9	8.7	8.9	8	3.3	3.9	10.2	5.4	4.8	
2	2.9	3.3	2.6	5.8	12.1	10.8	4.9	6.1	3.6	9.9	1.7	4	
3	2.2	3.1	3.8	5.2	10.3	13.6	5.7	6.4	4.9	4.5	3.3	2.8	
4	2.3	2.9	10.2	5.4	11.7	12.6	4.5	3.1	8.2	9.8	3	1.6	
5	2	3.5	8.8	9.1	4.3	13.6	10.4	3.9	5.2	7.8	2.2	1.8	
6	2.6	3.8	5.6	9.6	5	4.9	11.4	3	2.4	5.8	4.4	3.6	
7	2.5	2.9	2.7	7.9	4.9	9.4	11.9	9.4	3.6	2.3	6.1	2.9	
8	3.6	3	11.8	9.4	4.3	6.5	13.1	7.9	5.2	9.1	9.9	2.8	
9	3.5	5.9	11.8	8.6	5.6	9	13.5	9	5.3	5.8	10.9	5.5	
10	2.6	2.1	7.5	6.9	6	4.9	13.5	2.7	4.7	3.3	10.9	5.9	
11	2.7	1.7	5.3	4.1	5.7	3.5	12.5	10.8	5.4	8.9	8.8	5.5	
12	2.5	3.7	8.1	3.5	4.3	7.1	13.5	9.7	8.1	2	3.3	3.1	
13	2.5	2.7	4.9	3.3	5.5	6.1	10	12.9	4	2.5	2.3	10.6	
14	3.6	2.7	3.1	4.4	4.8	9.7	13.5	10.1	5.2	2.4	2.5	2.8	
15	3.4	3	10.7	2.6	5.9	12.6	13.5	10.6	3.3	2.4	5.7	3.2	
16	2.7	3.6	2.8	7.5	4.9	9.6	7.5	12.9	3.9	6.1	2.4	3.9	
17	3.3	9.1	3.4	4	10.9	7.5	5.7	6.4	7	1.7	2.5	5.7	
18	3.6	1.2	3.2	2.1	13.3	7	4.5	6.8	3.1	5.1	3.3	7.5	
19	4.5	4.1	3.5	2.7	8.3	5.1	13.5	4	1.7	3.6	3.9	8.2	
20	2.7	2.8	9.4	4.4	5.3	5.3	5.5	3.7	5.7	3	4.7	10.6	
21	2.4	10	9.2	1.7	5.3	5.8	6.5	5.4	6.2	7.4	2.5	10.6	
22	3.1	8.8	2.7	4.2	8.3	7	11.7	5.5	6.7	8.9	3.3	7.3	
23	2.6	9	6.6	3.9	7.8	5	6.3	12.9	8.8	10.4	2.4	10.1	
24	2.7	3.1	2.4	2.5	13.3	5.6	13	7.3	7.7	11.5	2.2	8.5	
25	2.8	5.2	2.1	3.2	11.3	9.9	9.5	6.9	11.5	11.5	1.9	4	
26	2.7	6	4.2	3	6.2	13.6	11.7	3	2.4	10.8	3.3	8.8	
27	3.1	6.5	3.8	7.5	9.1	13.2	6.9	4.9	12.2	8.7	1.9	10.6	
28	5.8	2	2.6	7.3	3.2	13.6	8.6	9.5	11.4	2.5	1.9	3.7	
29	3.4		4.9	2.5	4.2	7.2	7	5	7.9	4	2.4	2.4	
30	2.3		8.7	1.9	2.9	4.4	11.7	12.9	9.5	3	4.1	5.5	
31	2		9.8		13.3		10.1	8.8		4.7		3.1	

Year
Month

Solar radiation													
2019													
Day	January	February	March	April	May	June	July	August	September	October	November	December	
1	331.38	372.23	362.27	455.53	336.47	341.74	365.32	497.85	411.90	181.19	260.13	247.08	
2	306.74	358.21	454.18	393.86	226.29	280.56	464.93	406.02	420.98	189.81	354.13	266.07	
3	323.98	363.82	416.14	413.34	284.62	190.40	439.23	396.38	381.62	345.12	313.48	294.55	
4	321.52	369.43	213.31	406.85	239.25	222.60	477.79	504.40	281.71	192.69	321.10	323.04	
5	328.91	352.60	257.68	286.75	479.07	190.40	288.21	478.21	372.54	250.21	341.43	318.29	
6	314.13	344.18	359.10	270.53	456.38	470.54	256.08	507.67	466.60	307.73	285.53	275.56	
7	316.59	369.34	451.01	325.70	459.62	325.64	240.01	298.17	420.98	408.39	242.35	292.18	
8	289.50	366.62	162.60	277.02	479.07	419.02	201.45	347.27	372.54	212.82	145.80	294.55	
9	291.96	285.27	162.60	302.98	436.94	338.52	188.60	311.27	369.51	307.73	120.40	230.46	
10	314.13	391.87	298.88	358.16	423.97	470.54	188.60	517.49	387.68	379.63	120.40	220.97	
11	311.67	376.53	368.60	449.04	433.70	315.62	220.73	252.34	366.48	218.57	173.75	239.96	
12	316.59	346.99	279.86	468.52	479.07	399.70	188.60	288.35	284.73	417.01	313.48	287.43	
13	316.59	375.04	381.28	475.01	440.18	413.90	301.06	183.60	408.87	402.64	338.89	109.40	
14	289.50	375.04	438.33	439.31	462.86	315.98	188.60	275.26	372.54	405.51	331.81	294.55	
15	294.42	366.62	197.46	497.73	427.21	222.60	188.60	258.89	430.06	414.14	252.51	285.06	
16	311.67	349.89	447.84	338.69	459.62	319.20	381.39	183.60	411.90	299.10	336.35	268.44	
17	296.89	195.51	428.82	452.29	265.18	386.82	439.23	396.38	318.04	425.65	333.81	225.37	
18	289.50	417.12	435.16	513.96	187.40	402.92	477.79	383.28	436.12	327.86	313.48	182.99	
19	267.33	335.77	425.65	494.48	349.44	464.10	188.60	474.94	478.50	371.00	298.24	166.37	
20	311.67	372.23	238.66	439.31	446.66	457.66	445.65	484.76	357.40	388.26	277.91	109.40	
21	319.06	170.26	245.00	526.94	446.66	441.56	413.52	419.11	342.26	261.71	333.81	109.40	
22	301.81	203.92	451.01	445.80	349.44	402.92	246.44	425.84	327.12	218.57	313.48	187.73	
23	314.13	198.31	327.40	455.53	365.64	467.32	419.94	183.60	263.54	175.43	336.35	121.27	
24	311.67	363.82	460.52	500.98	187.40	448.00	204.66	366.91	296.85	143.80	341.43	159.25	
25	309.20	304.91	470.02	478.25	252.21	309.54	317.13	380.01	181.79	143.80	349.05	266.06	
26	311.67	282.47	403.47	484.75	417.49	190.40	246.44	507.67	457.31	163.93	313.48	152.13	
27	301.81	268.44	416.14	338.69	323.51	203.28	400.67	445.48	160.60	224.33	349.05	109.40	
28	235.30	389.07	454.18	348.42	514.71	190.40	346.05	294.90	184.82	402.64	349.05	273.19	
29	294.42		381.28	500.98	482.31	396.48	397.45	442.20	290.79	359.50	336.35	304.05	
30	321.52		260.85	520.45	524.44	486.64	246.44	183.60	242.35	388.26	293.16	230.46	
31	328.91		225.99		187.40		297.85	317.81		339.37		287.43	