

The Grim Reaper



Wind	Min	Mid	Max	Wind	Min	Mid	Max	Wind	Min	Mid	Max
4.5	1.5	1.8	2.1	7.5	2.5	3.0	3.5	10.5	3.5	4.2	5.0
4.6	1.5	1.9	2.2	7.6	2.5	3.1	3.6	10.6	3.5	4.3	5.0
4.7	1.6	1.9	2.2	7.7	2.6	3.1	3.6	10.7	3.6	4.3	5.0
4.8	1.6	1.9	2.3	7.8	2.6	3.1	3.7	10.8	3.6	4.3	5.1
4.9	1.6	2.0	2.3	7.9	2.6	3.2	3.7	10.9	3.6	4.4	5.1
5.0	1.7	2.0	2.4	8.0	2.7	3.2	3.8	11.0	3.7	4.4	5.2
5.1	1.7	2.1	2.4	8.1	2.7	3.3	3.8	11.1	3.7	4.5	5.2
5.2	1.7	2.1	2.5	8.2	2.7	3.3	3.9	11.2	3.7	4.5	5.3
5.3	1.8	2.1	2.5	8.3	2.8	3.3	3.9	11.3	3.8	4.5	5.3
5.4	1.8	2.2	2.5	8.4	2.8	3.4	4.0	11.4	3.8	4.6	5.4
5.5	1.8	2.2	2.6	8.5	2.8	3.4	4.0	11.5	3.8	4.6	5.4
5.6	1.9	2.3	2.6	8.6	2.9	3.5	4.1	11.6	3.9	4.7	5.5
5.7	1.9	2.3	2.7	8.7	2.9	3.5	4.1	11.7	3.9	4.7	5.5
5.8	1.9	2.3	2.7	8.8	2.9	3.5	4.2	11.8	3.9	4.7	5.6
5.9	2.0	2.4	2.8	8.9	3.0	3.6	4.2	11.9	4.0	4.8	5.6
6.0	2.0	2.4	2.8	9.0	3.0	3.6	4.2	12.0	4.0	4.8	5.7
6.1	2.0	2.5	2.9	9.1	3.0	3.7	4.3	12.1	4.0	4.9	5.7
6.2	2.1	2.5	2.9	9.2	3.1	3.7	4.3				
6.3	2.1	2.5	3.0	9.3	3.1	3.7	4.4				
6.4	2.1	2.6	3.0	9.4	3.1	3.8	4.4				
6.5	2.2	2.6	3.1	9.5	3.2	3.8	4.5				
6.6	2.2	2.7	3.1	9.6	3.2	3.9	4.5				
6.7	2.2	2.7	3.2	9.7	3.2	3.9	4.6				
6.8	2.3	2.7	3.2	9.8	3.3	3.9	4.6				
6.9	2.3	2.8	3.3	9.9	3.3	4.0	4.7				
7.0	2.3	2.8	3.3	10.0	3.3	4.0	4.7				
7.1	2.4	2.9	3.3	10.1	3.4	4.1	4.8				
7.2	2.4	2.9	3.4	10.2	3.4	4.1	4.8				
7.3	2.4	2.9	3.4	10.3	3.4	4.1	4.9				
7.4	2.5	3.0	3.5	10.4	3.5	4.2	4.9				

Elevation -15%

The Backbone



Wind	Min	Mid	Max
4.5	2.3	2.8	3.3
4.6	2.4	2.9	3.4
4.7	2.4	2.9	3.5
4.8	2.5	3.0	3.5
4.9	2.5	3.1	3.6
5.0	2.6	3.1	3.7
5.1	2.6	3.2	3.8
5.2	2.7	3.3	3.8
5.3	2.7	3.3	3.9
5.4	2.8	3.4	4.0
5.5	2.8	3.5	4.1
5.6	2.9	3.5	4.1
5.7	2.9	3.6	4.2
5.8	3.0	3.6	4.3
5.9	3.1	3.7	4.4
6.0	3.1	3.8	4.4
6.1	3.2	3.8	4.5
6.2	3.2	3.9	4.6
6.3	3.3	4.0	4.6
6.4	3.3	4.0	4.7
6.5	3.4	4.1	4.8
6.6	3.4	4.1	4.9
6.7	3.5	4.2	4.9
6.8	3.5	4.3	5.0
6.9	3.6	4.3	5.1
7.0	3.6	4.4	5.2
7.1	3.7	4.5	5.2
7.2	3.7	4.5	5.3
7.3	3.8	4.6	5.4
7.4	3.8	4.6	5.5

Wind	Min	Mid	Max
7.5	3.9	4.7	5.5
7.6	3.9	4.8	5.6
7.7	4.0	4.8	5.7
7.8	4.0	4.9	5.8
7.9	4.1	5.0	5.8
8.0	4.1	5.0	5.9
8.1	4.2	5.1	6.0
8.2	4.2	5.1	6.0
8.3	4.3	5.2	6.1
8.4	4.3	5.3	6.2
8.5	4.4	5.3	6.3
8.6	4.5	5.4	6.3
8.7	4.5	5.5	6.4
8.8	4.6	5.5	6.5
8.9	4.6	5.6	6.6
9.0	4.7	5.6	6.6
9.1	4.7	5.7	6.7
9.2	4.8	5.8	6.8
9.3	4.8	5.8	6.9
9.4	4.9	5.9	6.9
9.5	4.9	6.0	7.0
9.6	5.0	6.0	7.1
9.7	5.0	6.1	7.2
9.8	5.1	6.1	7.2
9.9	5.1	6.2	7.3
10.0	5.2	6.3	7.4
10.1	5.2	6.3	7.4
10.2	5.3	6.4	7.5
10.3	5.3	6.5	7.6
10.4	5.4	6.5	7.7

Wind	Min	Mid	Max
10.5	5.4	6.6	7.7
10.6	5.5	6.7	7.8
10.7	5.5	6.7	7.9
10.8	5.6	6.8	8.0
10.9	5.6	6.8	8.0
11.0	5.7	6.9	8.1
11.1	5.7	7.0	8.2
11.2	5.8	7.0	8.3
11.3	5.8	7.1	8.3
11.4	5.9	7.2	8.4
11.5	6.0	7.2	8.5
11.6	6.0	7.3	8.6
11.7	6.1	7.3	8.6
11.8	6.1	7.4	8.7
11.9	6.2	7.5	8.8
12.0	6.2	7.5	8.9
12.1	6.3	7.6	8.9

Elevation -15%

The Goliath



Wind	Min	Mid	Max
4.5	1.4	1.8	2.2
4.6	1.5	1.8	2.2
4.7	1.5	1.9	2.2
4.8	1.5	1.9	2.3
4.9	1.5	1.9	2.3
5.0	1.6	2.0	2.4
5.1	1.6	2.0	2.4
5.2	1.6	2.1	2.5
5.3	1.7	2.1	2.5
5.4	1.7	2.1	2.6
5.5	1.7	2.2	2.6
5.6	1.8	2.2	2.7
5.7	1.8	2.3	2.7
5.8	1.8	2.3	2.8
5.9	1.9	2.3	2.8
6.0	1.9	2.4	2.9
6.1	1.9	2.4	2.9
6.2	2.0	2.5	3.0
6.3	2.0	2.5	3.0
6.4	2.0	2.5	3.1
6.5	2.1	2.6	3.1
6.6	2.1	2.6	3.2
6.7	2.1	2.7	3.2
6.8	2.1	2.7	3.3
6.9	2.2	2.7	3.3
7.0	2.2	2.8	3.4
7.1	2.2	2.8	3.4
7.2	2.3	2.9	3.4
7.3	2.3	2.9	3.5
7.4	2.3	2.9	3.5

Wind	Min	Mid	Max
7.5	2.4	3.0	3.6
7.6	2.4	3.0	3.6
7.7	2.4	3.1	3.7
7.8	2.5	3.1	3.7
7.9	2.5	3.1	3.8
8.0	2.5	3.2	3.8
8.1	2.6	3.2	3.9
8.2	2.6	3.3	3.9
8.3	2.6	3.3	4.0
8.4	2.7	3.3	4.0
8.5	2.7	3.4	4.1
8.6	2.7	3.4	4.1
8.7	2.7	3.5	4.2
8.8	2.8	3.5	4.2
8.9	2.8	3.5	4.3
9.0	2.8	3.6	4.3
9.1	2.9	3.6	4.4
9.2	2.9	3.7	4.4
9.3	2.9	3.7	4.5
9.4	3.0	3.7	4.5
9.5	3.0	3.8	4.5
9.6	3.0	3.8	4.6
9.7	3.1	3.9	4.6
9.8	3.1	3.9	4.7
9.9	3.1	3.9	4.7
10.0	3.2	4.0	4.8
10.1	3.2	4.0	4.8
10.2	3.2	4.1	4.9
10.3	3.3	4.1	4.9
10.4	3.3	4.1	5.0

Wind	Min	Mid	Max
10.5	3.3	4.2	5.0
10.6	3.3	4.2	5.1
10.7	3.4	4.3	5.1
10.8	3.4	4.3	5.2
10.9	3.4	4.3	5.2
11.0	3.5	4.4	5.3
11.1	3.5	4.4	5.3
11.2	3.5	4.4	5.4
11.3	3.6	4.5	5.4
11.4	3.6	4.5	5.5
11.5	3.6	4.6	5.5
11.6	3.7	4.6	5.6
11.7	3.7	4.6	5.6
11.8	3.7	4.7	5.6
11.9	3.8	4.7	5.7
12.0	3.8	4.8	5.7
12.1	3.8	4.8	5.8

Elevation -15%

The Saturn



Wind	Min	Mid	Max
4.5	1.4	1.7	2.0
4.6	1.5	1.8	2.0
4.7	1.5	1.8	2.1
4.8	1.5	1.8	2.1
4.9	1.6	1.9	2.2
5.0	1.6	1.9	2.2
5.1	1.6	1.9	2.3
5.2	1.7	2.0	2.3
5.3	1.7	2.0	2.4
5.4	1.7	2.1	2.4
5.5	1.8	2.1	2.4
5.6	1.8	2.1	2.5
5.7	1.8	2.2	2.5
5.8	1.9	2.2	2.6
5.9	1.9	2.3	2.6
6.0	1.9	2.3	2.7
6.1	1.9	2.3	2.7
6.2	2.0	2.4	2.8
6.3	2.0	2.4	2.8
6.4	2.0	2.4	2.8
6.5	2.1	2.5	2.9
6.6	2.1	2.5	2.9
6.7	2.1	2.6	3.0
6.8	2.2	2.6	3.0
6.9	2.2	2.6	3.1
7.0	2.2	2.7	3.1
7.1	2.3	2.7	3.2
7.2	2.3	2.7	3.2
7.3	2.3	2.8	3.2
7.4	2.4	2.8	3.3

Wind	Min	Mid	Max
7.5	2.4	2.9	3.3
7.6	2.4	2.9	3.4
7.7	2.5	2.9	3.4
7.8	2.5	3.0	3.5
7.9	2.5	3.0	3.5
8.0	2.6	3.1	3.6
8.1	2.6	3.1	3.6
8.2	2.6	3.1	3.6
8.3	2.7	3.2	3.7
8.4	2.7	3.2	3.7
8.5	2.7	3.2	3.8
8.6	2.7	3.3	3.8
8.7	2.8	3.3	3.9
8.8	2.8	3.4	3.9
8.9	2.8	3.4	4.0
9.0	2.9	3.4	4.0
9.1	2.9	3.5	4.0
9.2	2.9	3.5	4.1
9.3	3.0	3.6	4.1
9.4	3.0	3.6	4.2
9.5	3.0	3.6	4.2
9.6	3.1	3.7	4.3
9.7	3.1	3.7	4.3
9.8	3.1	3.7	4.4
9.9	3.2	3.8	4.4
10.0	3.2	3.8	4.4
10.1	3.2	3.9	4.5
10.2	3.3	3.9	4.5
10.3	3.3	3.9	4.6
10.4	3.3	4.0	4.6

Wind	Min	Mid	Max
10.5	3.4	4.0	4.7
10.6	3.4	4.0	4.7
10.7	3.4	4.1	4.8
10.8	3.4	4.1	4.8
10.9	3.5	4.2	4.8
11.0	3.5	4.2	4.9
11.1	3.5	4.2	4.9
11.2	3.6	4.3	5.0
11.3	3.6	4.3	5.0
11.4	3.6	4.4	5.1
11.5	3.7	4.4	5.1
11.6	3.7	4.4	5.2
11.7	3.7	4.5	5.2
11.8	3.8	4.5	5.2
11.9	3.8	4.5	5.3
12.0	3.8	4.6	5.3
12.1	3.9	4.6	5.4

Elevation -15%

The B52



Wind	Min	Mid	Max
4.5	2.9	3.6	4.4
4.6	3.0	3.7	4.5
4.7	3.0	3.8	4.6
4.8	3.1	3.9	4.7
4.9	3.1	4.0	4.8
5.0	3.2	4.0	4.9
5.1	3.3	4.1	5.0
5.2	3.3	4.2	5.1
5.3	3.4	4.3	5.1
5.4	3.5	4.4	5.2
5.5	3.5	4.4	5.3
5.6	3.6	4.5	5.4
5.7	3.7	4.6	5.5
5.8	3.7	4.7	5.6
5.9	3.8	4.8	5.7
6.0	3.8	4.8	5.8
6.1	3.9	4.9	5.9
6.2	4.0	5.0	6.0
6.3	4.0	5.1	6.1
6.4	4.1	5.2	6.2
6.5	4.2	5.2	6.3
6.6	4.2	5.3	6.4
6.7	4.3	5.4	6.5
6.8	4.4	5.5	6.6
6.9	4.4	5.6	6.7
7.0	4.5	5.6	6.8
7.1	4.6	5.7	6.9
7.2	4.6	5.8	7.0
7.3	4.7	5.9	7.1
7.4	4.7	6.0	7.2

Wind	Min	Mid	Max
7.5	4.8	6.0	7.3
7.6	4.9	6.1	7.4
7.7	4.9	6.2	7.5
7.8	5.0	6.3	7.6
7.9	5.1	6.4	7.7
8.0	5.1	6.5	7.8
8.1	5.2	6.5	7.9
8.2	5.3	6.6	8.0
8.3	5.3	6.7	8.1
8.4	5.4	6.8	8.2
8.5	5.5	6.9	8.3
8.6	5.5	6.9	8.4
8.7	5.6	7.0	8.5
8.8	5.6	7.1	8.6
8.9	5.7	7.2	8.6
9.0	5.8	7.3	8.7
9.1	5.8	7.3	8.8
9.2	5.9	7.4	8.9
9.3	6.0	7.5	9.0
9.4	6.0	7.6	9.1
9.5	6.1	7.7	9.2
9.6	6.2	7.7	9.3
9.7	6.2	7.8	9.4
9.8	6.3	7.9	9.5
9.9	6.3	8.0	9.6
10.0	6.4	8.1	9.7
10.1	6.5	8.1	9.8
10.2	6.5	8.2	9.9
10.3	6.6	8.3	10.0
10.4	6.7	8.4	10.1

Wind	Min	Mid	Max
10.5	6.7	8.5	10.2
10.6	6.8	8.5	10.3
10.7	6.9	8.6	10.4
10.8	6.9	8.7	10.5
10.9	7.0	8.8	10.6
11.0	7.1	8.9	10.7
11.1	7.1	9.0	10.8
11.2	7.2	9.0	10.9
11.3	7.2	9.1	11.0
11.4	7.3	9.2	11.1
11.5	7.4	9.3	11.2
11.6	7.4	9.4	11.3
11.7	7.5	9.4	11.4
11.8	7.6	9.5	11.5
11.9	7.6	9.6	11.6
12.0	7.7	9.7	11.7
12.1	7.8	9.8	11.8

Elevation -15%

The Grizzly



Wind	Min	Mid	Max
4.5	3.0	3.7	4.3
4.6	3.1	3.8	4.4
4.7	3.1	3.8	4.5
4.8	3.2	3.9	4.6
4.9	3.3	4.0	4.7
5.0	3.3	4.1	4.8
5.1	3.4	4.2	4.9
5.2	3.5	4.2	5.0
5.3	3.5	4.3	5.1
5.4	3.6	4.4	5.2
5.5	3.7	4.5	5.3
5.6	3.7	4.6	5.4
5.7	3.8	4.7	5.5
5.8	3.9	4.7	5.6
5.9	3.9	4.8	5.7
6.0	4.0	4.9	5.8
6.1	4.1	5.0	5.9
6.2	4.1	5.1	6.0
6.3	4.2	5.1	6.1
6.4	4.3	5.2	6.2
6.5	4.3	5.3	6.3
6.6	4.4	5.4	6.4
6.7	4.5	5.5	6.5
6.8	4.5	5.6	6.6
6.9	4.6	5.6	6.7
7.0	4.7	5.7	6.8
7.1	4.7	5.8	6.9
7.2	4.8	5.9	7.0
7.3	4.9	6.0	7.0
7.4	4.9	6.0	7.1

Wind	Min	Mid	Max
7.5	5.0	6.1	7.2
7.6	5.1	6.2	7.3
7.7	5.1	6.3	7.4
7.8	5.2	6.4	7.5
7.9	5.3	6.4	7.6
8.0	5.3	6.5	7.7
8.1	5.4	6.6	7.8
8.2	5.5	6.7	7.9
8.3	5.5	6.8	8.0
8.4	5.6	6.9	8.1
8.5	5.7	6.9	8.2
8.6	5.7	7.0	8.3
8.7	5.8	7.1	8.4
8.8	5.9	7.2	8.5
8.9	5.9	7.3	8.6
9.0	6.0	7.3	8.7
9.1	6.1	7.4	8.8
9.2	6.1	7.5	8.9
9.3	6.2	7.6	9.0
9.4	6.3	7.7	9.1
9.5	6.3	7.8	9.2
9.6	6.4	7.8	9.3
9.7	6.5	7.9	9.4
9.8	6.5	8.0	9.5
9.9	6.6	8.1	9.6
10.0	6.7	8.2	9.7
10.1	6.7	8.2	9.8
10.2	6.8	8.3	9.8
10.3	6.9	8.4	9.9
10.4	6.9	8.5	10.0

Wind	Min	Mid	Max
10.5	7.0	8.6	10.1
10.6	7.1	8.7	10.2
10.7	7.1	8.7	10.3
10.8	7.2	8.8	10.4
10.9	7.3	8.9	10.5
11.0	7.3	9.0	10.6
11.1	7.4	9.1	10.7
11.2	7.5	9.1	10.8
11.3	7.5	9.2	10.9
11.4	7.6	9.3	11.0
11.5	7.7	9.4	11.1
11.6	7.7	9.5	11.2
11.7	7.8	9.6	11.3
11.8	7.9	9.6	11.4
11.9	7.9	9.7	11.5
12.0	8.0	9.8	11.6
12.1	8.1	9.9	11.7

Elevation -15%

The Tsunami



Wind	Min	Mid	Max
4.5	NaN	NaN	NaN
4.6	NaN	NaN	NaN
4.7	NaN	NaN	NaN
4.8	NaN	NaN	NaN
4.9	NaN	NaN	NaN
5.0	NaN	NaN	NaN
5.1	NaN	NaN	NaN
5.2	NaN	NaN	NaN
5.3	NaN	NaN	NaN
5.4	NaN	NaN	NaN
5.5	NaN	NaN	NaN
5.6	NaN	NaN	NaN
5.7	NaN	NaN	NaN
5.8	NaN	NaN	NaN
5.9	NaN	NaN	NaN
6.0	NaN	NaN	NaN
6.1	NaN	NaN	NaN
6.2	NaN	NaN	NaN
6.3	NaN	NaN	NaN
6.4	NaN	NaN	NaN
6.5	NaN	NaN	NaN
6.6	NaN	NaN	NaN
6.7	NaN	NaN	NaN
6.8	NaN	NaN	NaN
6.9	NaN	NaN	NaN
7.0	NaN	NaN	NaN
7.1	NaN	NaN	NaN
7.2	NaN	NaN	NaN
7.3	NaN	NaN	NaN
7.4	NaN	NaN	NaN

Wind	Min	Mid	Max
7.5	NaN	NaN	NaN
7.6	NaN	NaN	NaN
7.7	NaN	NaN	NaN
7.8	NaN	NaN	NaN
7.9	NaN	NaN	NaN
8.0	NaN	NaN	NaN
8.1	NaN	NaN	NaN
8.2	NaN	NaN	NaN
8.3	NaN	NaN	NaN
8.4	NaN	NaN	NaN
8.5	NaN	NaN	NaN
8.6	NaN	NaN	NaN
8.7	NaN	NaN	NaN
8.8	NaN	NaN	NaN
8.9	NaN	NaN	NaN
9.0	NaN	NaN	NaN
9.1	NaN	NaN	NaN
9.2	NaN	NaN	NaN
9.3	NaN	NaN	NaN
9.4	NaN	NaN	NaN
9.5	NaN	NaN	NaN
9.6	NaN	NaN	NaN
9.7	NaN	NaN	NaN
9.8	NaN	NaN	NaN
9.9	NaN	NaN	NaN
10.0	NaN	NaN	NaN
10.1	NaN	NaN	NaN
10.2	NaN	NaN	NaN
10.3	NaN	NaN	NaN
10.4	NaN	NaN	NaN

Wind	Min	Mid	Max
10.5	NaN	NaN	NaN
10.6	NaN	NaN	NaN
10.7	NaN	NaN	NaN
10.8	NaN	NaN	NaN
10.9	NaN	NaN	NaN
11.0	NaN	NaN	NaN
11.1	NaN	NaN	NaN
11.2	NaN	NaN	NaN
11.3	NaN	NaN	NaN
11.4	NaN	NaN	NaN
11.5	NaN	NaN	NaN
11.6	NaN	NaN	NaN
11.7	NaN	NaN	NaN
11.8	NaN	NaN	NaN
11.9	NaN	NaN	NaN
12.0	NaN	NaN	NaN
12.1	NaN	NaN	NaN

Elevation -15%