

Project Report

Project Name

5th Mar 2025

Project Report

Property Data

PropertyID	Bandra Kurla Complex
Address	
City	Mumbai
State/Province	Maharashtra
ZIP/Postal Code	
Country	India
Property Type	City
Latitude	19.077793
Longitude	72.87872
Property Name	
Valuation (\$)	
Year of Valuation	
Tier 1	Cities
Tier 2	
Tier 3	
Tier 4	

Climate Risk Scores

Property	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria	Bandra Kuria
Scenario	SSP245	SSP245	SSP245	SSP245	SSP370	SSP370	SSP370	SSP370	SSP585	SSP585	SSP585	SSP585
Period	2025	2035	2050	2100	2025	2035	2050	2100	2025	2035	2050	2100
Overall Risk Score PCT	53	54	57	70	55	54	62	77	56	57	62	82
Heat Score	26	26	26	26	26	26	26	26	26	26	26	26
Drought Score	10	10	10	11	10	10	10	16	10	10	10	23
Wind Score	26	26	26	26	26	26	26	26	26	26	26	26
Inland Score	64	68	68	71	71	63	72	76	73	71	71	76
Coastal Score	30	30	34	64	33	33	41	72	34	34	45	75
Fire Score	6	6	6	9	6	6	7	15	6	6	7	20
Overall Raj Score PCT	34	35	36	44	35	35	39	49	35	36	40	53
Mean Risk Score	36	37	38	47	37	36	41	51	37	38	42	53
Heat Raj Score	60	61	65	75	57	61	70	80	58	63	71	82
Inland Raj Score	32	33	33	36	35	33	38	40	38	36	35	41

Coastal Raj Score	21	21	23	41	24	24	27	47	24	24	28	48
Wind Raj Score	10	10	10	10	10	10	10	10	10	10	10	10
Fire Raj Score	5	5	5	7	5	5	5	12	5	5	5	16
Drought Raj Score	10	10	10	10	10	10	10	12	10	10	10	16

Risk Data

Property ID	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla	Bandra Kurla
Scenario	SSP245	SSP245	SSP245	SSP245	SSP370	SSP370	SSP370	SSP370	SSP585	SSP585	SSP585	SSP585
Period	2025	2035	2050	2100	2025	2035	2050	2100	2025	2035	2050	2100
CDD	2012.08	2065.89	2224.65	2827.08	1913.31	2046.15	2433.47	3403.85	1967.18	2111.66	2498.99	3863.32
HOTDAYS 95	4.12	5.96	8	33.3	5.27	4.92	16.23	82.97	5.85	6.11	15.17	134.41
HOTDAYS 105	0	0	0	0.34	0.01	0	0.1	2.06	0.02	0	0.04	7.52
MAX_TEMP	93.34	93.69	94.19	98.14	94.56	94.21	95.19	100.02	93.99	94.37	95.84	102.64
MAX_TEMP_CEL	34.08	34.27	34.55	36.74	34.76	34.56	35.1	37.79	34.44	34.65	35.46	39.24
PR_DAYS_10MM	28	32.32	31.13	43.91	44.1	25.13	50.48	83.2	53.2	45.44	40.95	105.51

Financial Impact

PROPERTY	Bandra Kurla Complex	Bandra Kurla Complex	Bandra Kurla Complex
SCENARIO	SSP245	SSP370	SSP585
INS_RATE_FIRE	0	0.08	0.2
INS_RATE_FLOOD	4.9	4.28	4.59
INS_RATE_TOTAL	4.9	4.36	4.8
UTIL_RATE_COOLING	0.43	1.04	1.03
UTIL_RATE_HEATING	0	0	0
UTIL_RATE_TOTAL	0.43	1.04	1.03
CAPEX_FIRE	0	0.04	0.1
CAPEX_FLOOD	0.8	0.7	0.75
CAPEX_CDD	2.46	2.87	2.86
CAPEX_TOTAL	3.26	3.61	3.71
10_YEAR_DISCOUNT	0.26	0.26	0.28
25_YEAR_DISCOUNT	0.41	0.45	0.46
75_YEAR_DISCOUNT	0.78	0.89	0.95