MONMOUTH COUNTY VULNERABLE HOUSING UNIT DATA

ZONE		PERMANENTLY OCCUPIED HOUSING UNITS				SEASONALLY OCCUPIED HOUSING UNITS				HOTEL/MOTEL UNITS				MOBILE HOMES		TOTAL
		CAT 1	CAT 2	CAT 3	CAT 4	CAT 1	CAT 2	CAT 3	CAT 4	CAT 1	CAT 2	CAT 3	CAT 4	OCCUPIED	TOTAL	HSG UNITS
1	Matawan Boro	26	12	11	10	0	0	0	0	0	0	0	0	0	0	3,651
2	Aberdeen Twp	89	112	130	100	0	0	0	0	31	0	0	0	0	0	6,481
3	Keyport Boro	249	416	1346	405	4	6	15	5	31	0	0	0	32	32	3,397
4	Union Beach Boro	1466	596	79	0	0	0	0	0	0	0	0	0	0	0	2,227
5	Hazlet Twp	744	625	1082	651	12	5	4	1	0	0	0	0	695	723	7,419
6	Keansburg Boro	3354	506	5	0	60	3	0	0	13	0	0	0	0	0	4,261
7	Middletown Twp	2908	1059	1241	926	25	2	2	3	0	0	0	0	33	33	23,682
8	Atlantic Highlands Boro	128	132	146	266	2	2	1	1	0	0	0	0	8	8	2,215
9	Highlands Boro	1445	126	26	7	144	7	2	0	1	0	0	0	136	152	2,811
10	Red Bank Boro	84	96	85	129	1	1	0	0	0	0	0	0	0	0	5,439
11	Fair Haven Boro	33	46	95	528	0	0	0	1	0	0	0	19	0	0	2,041
12	Rumson Boro	367	505	314	320	20	37	19	15	0	0	0	0	7	7	2,600
13	Gateway Nat'L Rec Area	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	Sea Bright Boro	519	191	18	224	87	36	3	33	12	0	0	0	0	0	1,135
15	Shrewsbury Twp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
16	Shrewsbury Boro	1	20	63	90	0	0	0	0	0	0	0	0	0	0	1,223
17	Little Silver Boro	53	422	295	314	0	0	0	0	0	0	0	0	0	0	2,282
18	Monmouth Beach Boro	844	706	97	9	184	114	12	2	0	0	0	0	0	0	1,996
19	Eatontown Boro	1	6	52	120	0	0	0	0	0	0	0	0	272	289	6,302
20	Oceanport Boro	141	960	317	194	2	13	6	5	0	0	0	0	10	10	2,117
21	West Long Branch Boro	0	7	32	241	0	0	1	5	0	0	0	0	0	0	2,532
22	Long Branch City	340	2520	1772	1484	17	56	65	61	0	0	0	0	7	7	13,972
23	Ocean Twp	0	29	84	227	0	0	1	4	0	0	0	0	10	10	10,750
24	Deal Boro	0	5	13	30	0	8	21	44	0	0	0	0	0	0	990
25	Allenhurst Boro	0	1	36	95	0	0	8	23	0	0	0	0	0	0	398
26	Interlaken Boro	5	28	89	97	0	0	0	0	0	0	0	0	0	0	398
27	Loch Arbour Village	3	37	65	7	1	8	12	1	0	0	0	0	3	3	156
28	Asbury Park City	11	654	2039	1565	0	4	14	10	0	24	0	0	0	0	7,765
29	Neptune Twp	225	397	1129	1481	18	60	161	222	0	0	0	10	90	112	12,236
30	Neptune City Boro	13	115	398	339	0	1	8	6	0	45	0	0	73	73	2,304
31	Bradley Beach Boro	20	183	668	664	7	64	283	173	0	0	19	0	0	0	3,151
32	Avon-By-The-Sea Boro	66	265	489	151	23	80	145	38	0	6	0	0	0	6	1,370
33	Belmar Boro	174	901	1401	295	51	213	366	76	0	0	12	0	7	7	3,998
34	South Belmar Boro	12	81	194	193	5	21	70	64	0	0	3	0	0	0	1,108
35	Spring Lake Boro	44	190	151	146	15	60	44	40	0	0	9	0	8	8	1,929
36	Spring Lake Heights Boro	4	40	157	178	0	10	23	27	0	0	0	0	0	0	2,951
37	Sea Girt Boro	1	101	229	202	1	43	94	63	0	0	12	0	0	5	1,285
38	Manasquan Boro	840	457	325	235	415	119	113	47	23	0	0	0	0	0	3,514
39	Brielle Boro	121	275	197	97	15	30	16	5	0	0	0	0	20	35	2,164
40	Wall Twp	28	30	52	124	2	2	3	8	0	0	0	0	156	192	9,935
41	Tinton Falls Boro	2	2	3	5	0	0	0	0	0	0	0	0	0	0	6,240
42	Howell Twp	0	0	0	0	0	0	0	0	0	0	0	0	668	718	16,572
43	Farmingdale Boro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	638
44	Colts Neck Twp	0	0	0	0	0	0	0	0	0	0	0	0	7	7	3,614
45	Holmdel Twp	0	3	15	140	0	0	0	1	0	0	0	0	99	110	5,100
46	Marlboro Twp	0	0	0	0	0	0	0	0	0	0	0	0	214	214	11,982
47	Freehold Twp	0	0	0	0	0	0	0	0	0	0	0	0	393	396	11,055
48	Freehold Boro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,821
49	Manalapan Twp	0	0	0	0	0	0	0	0	0	0	0	0	41	41	11,121
50	Englishtown Boro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	679
51	Millstone Twp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,733
52	Roosevelt Boro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351
53	Upper Freehold Twp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,515
54	Allentown Boro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	703
TOTALS		14,362	12,861	15,077	12,308	1,111	1,005	1,512	984	111	75	55	29	2,989	3,211	240,786

[1] Category 2 through 4 units are in addition to preceding category(ies).
[2] Mobile homes can be seasonal housing units and vice versa.

ESTIMATES OF HOUSING UNITS SUBJECT TO TIDAL FLOODING - 2000 CENSUS DATA

This map aggregates 2000 census housing unit data by evacuation zone and hurricane tidal flooding vulnerability.

Zone Boundary

Each dot represents one mobile home unit. Dots do not represent exact locations; they are randomly distributed within their respective census block.

1 0 1 Miles

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NEW JERSEY HURRICANE EVACUATION STUDY
STORM SURGE MAP
MONMOUTH COUNTY, NJ

FEBRUARY 2010

AREAS OF POSSIBLE FLOODING
- CATEGORY 1 HURRICANES
- CATEGORY 2 HURRICANES
- CATEGORY 3 HURRICANES
- CATEGORY 4 HURRICANES

SLOSH MODEL SURGE VALUES

Cat 1	6.7
Cat 2	10.0
Cat 3	13.8
Cat 4	17.4

Elevations in NGVD29 Feet

POTENTIAL FRESHWATER FLOODING FEMA FLOOD INSURANCE RATAE MAPS
- 100 YEAR FLOOD
- 500 YEAR FLOOD
- FIRM "D" ZONE

This map reflects potential tidal flooding from hurricanes. Potential flood areas are based on storm surge heights calculated by the National Weather Service's SLOSH (Sea, Lake and Overland Surge from Hurricanes) Model.

Categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity. Storm surge elevations used here represent "worst case" combinations of direction, forward speed, landfall point and astronomical tide for each category. These surge elevations do not include wave heights that may accompany storm surge.

Potential flood areas from National Flood Insurance Program (NFIP) Flood Insurance Rate Maps (FIRM) are shown on this map in order to highlight the potential for flooding caused by rainfall. FIRM flood hazard areas (tidal or freshwater) within SLOSH tidal flooding areas are not shown.