

Appendix III: Section 4.0 (4) 90% Upper Prediction Limit (UPL) MLE 100-Year Mean Return Period Event

Return Period	Wind Speed (mph)	
	50% UPL	90% UPL
50 years	100	116
100 years	113	136

Market

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	K _z	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
1	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	140,000.00	0.073		0.650		90,934	-	-
2	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	29,000.00	0.073		0.650		18,836	-	-
3	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	119,000.00	0.073		0.650		77,294	-	-
4	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	560,000.00	0.073		0.650		363,737	-	-
5	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	830,000.00	0.073		0.650		539,110	-	-
6	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	1,100,000.00	0.073		0.650		714,483	-	-
7	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	101,000.00	0.073		0.650		65,603	-	-
8	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	803,000.00	0.073		0.650		521,573	-	-
9	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	150,000.00	0.073		0.650		97,430	-	-
10	Castries	1992	8	0.1	0.6	1.120	1.000	1.120	152	0.650	600,000.00	0.073		0.650		389,718	-	-
11	Castries	1992	8	0.01	0.6	1.120	1.000	1.120	152	0.650	250,000.00	0.073		0.650		162,383	-	-
12	Castries	1992		0.01	0.6	1.120	1.000	1.120	152	0.650	147,600.00	0.073		0.650		95,871	-	-
13	Castries	1994	8	0.08	0.6	1.120	1.000	1.120	152	0.650	36,868,000.00	0.073		0.650		23,946,872	-	-
14	Castries	1880's	8	0.1	0.6	1.120	1.000	1.120	152	0.650	2,129,920.00	0.073		0.650		1,383,447	-	-
S											43,827,520		0		0	28,467,289	0	0

Buildings

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	K _z	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
NI Block D	Castries	1996	8	0.10	0.6	1.120	1.000	1.120	152	0.562	17,250,000.00	0.184	3,000,000.00	0.562		9,688,031	552,762	-
NI Block A	Castries	1988	7	0.1	0.6	1.120	1.000	1.120	152	0.562	10,584,000.00	0.184	2,000,000.00	0.562		5,944,239	368,508	-
NI Block B	Castries	1988	7	0.1	0.6	1.120	1.000	1.120	152	0.562	9,216,000.00	0.184	2,000,000.00	0.562		5,175,936	368,508	-
NI Block C	Castries	1988	7	0.1	0.6	1.120	1.000	1.120	152	0.562	9,072,000.00	0.184	2,000,000.00	0.562		5,095,062	368,508	-
P.S.MB	Castries	1980	7	0.1	0.6	1.120	1.000	1.120	152	0.650	2,957,760.00	0.617	500,000.00	0.650		1,921,154	308,702	-
PS. S	Castries	1980	7	0.1	0.6	1.120	1.000	1.120	152	0.650	2,710,980.00	0.617		0.650		1,760,863	-	-
P.S NS	Castries	1980	7	0.1	0.6	1.120	1.000	1.120	152	0.650	876,180.00	0.617		0.650		569,105	-	-
P.S NS1	Castries	1980	7	0.1	0.6	1.120	1.000	1.120	152	0.650	629,340.00	0.617		0.650		408,775	-	-
Fisheries	Castries	1991	7	0.1	0.6	1.120	1.000	1.120	152	0.650		0.617		0.650		-	-	-
Market	Castries	1990	10	0.1	0.6	1.120	1.000	1.120	152	0.650		0.617		0.650		-	-	-
Market	Castries		10	0.1	0.6	1.120	1.000	1.120	152	0.650	2,129,920.00	0.617		0.650		1,383,447	-	-
Vendors	Castries	1994	7	0.1	0.6	1.120	1.000	1.120	152	0.650	2,500,000.00	0.617		0.650		1,623,825	-	-
Printery	Castries	1951	7	0.15	0.6	1.120	1.000	1.120	152	0.650	1,039,680.00	0.617		0.650	2,000,000.00	675,303	-	1,299,060
Gov't Bldg	Castries	1951	8	0.20	0.6	1.120	1.000	1.120	152	0.650	3,364,140.00	0.617		0.650		2,185,110	-	-
Town Hall	Castries	1951		0.3	0.6	1.120	1.000	1.120	152	0.650	2,042,100.00	0.617		0.650		1,326,405	-	-
Registry	Castries	1951	10	0.3	0.6	1.120	1.000	1.120	152	0.650	3,633,770.00	0.617	5,000,000.00	0.650		2,360,243	3,087,015	-
Min. Of Educ.	Castries	1970's	7	0.2	0.6	1.120	1.000	1.120	152	0.650	2,770,200.00	0.617		0.650		1,799,328	-	-
Post Office	Castries	1951	5	0.15	0.6	1.120	1.000	1.120	152	0.650	4,354,900.00	0.617	2,500,000.00	0.650		2,828,638	1,543,508	-
NCB/SLDB	Castries	1998	5	0.10	0.6	1.120	1.000	1.120	152	0.562	30,000,000.00	0.184	150,000.00	0.562	500,000.00	16,848,750	27,638	280,813
LUCELEC	Castries	1991	7	0.20	0.6	1.120	1.000	1.120	152	0.650	2,145,000.00	0.617	1,000,000.00	0.650		1,393,242	617,403	-
Cul. Complex	Castries	1996	100	0.25	0.6	1.120	1.000	1.120	152	0.918	1,166,880.00	0.938		0.918	600,000.00	1,071,254	-	550,830
Min. Of Cul	Castries	1997	100	0.25	0.6	1.120	1.000	1.120	152	0.918	1,900,000.00	0.938		0.918		1,744,295	-	-
Fire Stations	Castries	1951	7	0.1	0.6	1.120	1.000	1.120	152	0.650	1,375,140.00	0.617		0.650	4,000,000.00	893,195	-	2,598,120
Min. Trade W/hs	Castries	1996	10	.1	0.6	1.120	1.000	1.120	152	0.650	750,000.00	0.617		0.650		487,148	-	-
Old CDCs	Castries	1951	7	.25	0.6	1.120	1.000	1.120	152	0.650	8,847,040.00	0.617		0.650		5,746,418	-	-
	Castries	1951	7	0.25	0.6	1.120	1.000	1.120	152	0.650	13,721,940.00	0.617		0.650		8,912,812	-	-
	Castries	1951	7	0.25	0.6	1.120	1.000	1.120	152	0.562	9,184,880.00	0.184		0.562		5,158,458	-	-
									S		144,221,850		18,150,000		7,100,000	87,001,036	7,242,551	4,728,823

Complex

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	K _z	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$

CASTRIES FISHERIES COMPLEX

1	Mechanic Sho	1983	8	1M	0.8	1.160	1.000	1.160	158	0.703	120,000.00	0.096		0.703	15,000.00	84,315	-	10,539
2	Processing Bld	1983	8	1M	0.8	1.160	1.000	1.160	158	0.703	735,000.00	0.096		0.703	700,000.00	516,431	-	491,839
3	Cold Storage	1983	8	1M	0.8	1.160	1.000	1.160	158	0.703	610,000.00	0.096		0.703	300,000.00	428,602	-	210,788
4	Elec. Cont. Rcd	1983	8	1M	0.8	1.160	1.000	1.160	158	0.703	92,000.00	0.096		0.703	50,000.00	64,642	-	35,131
5	Toilets	1996	8	1M	0.8	1.160	1.000	1.160	158	0.703	92,000.00	0.096		0.703	40,000.00	64,642	-	28,105
6	Sales Building	1996	8	1M	0.8	1.160	1.000	1.160	158	0.703	340,000.00	0.096		0.703		238,893	-	-
7	Boat Eng/Store	1996	8	1M	0.8	1.160	1.000	1.160	158	0.703	100,130.00	0.096		0.703	100,000.00	70,354	-	70,263
8	Fishermen Sto	1996	8	1M	0.8	1.160	1.000	1.160	158	0.703	146,000.00	0.096		0.703	100,000.00	102,584	-	70,263

VIGIE SPORTS COMPLEX

9	Spectators Sta	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	341,600.00	0.123		0.796		271,933	-	-
10	Toilet & Meet	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	441,000.00	0.123		0.796		351,062	-	-
11	Spectators Sta	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	432,800.00	0.123		0.796		344,534	-	-
12	Toilets	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	42,000.00	0.123		0.796		33,434	-	-
13	Commentators	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	140,000.00	0.123		0.796		111,448	-	-
14	Storage	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	45,000.00	0.123		0.796		35,823	-	-
15	Toilets	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	36,000.00	0.123		0.796		28,658	-	-
16	Ticket Booth	1987	10	2M	1.0	1.200	1.000	1.200	163	0.796	7,000.00	0.123		0.796		5,572	-	-

ST.LUCIA MARKETING BOARD

17	Sales/Purchasi	1970's	8	1	0.8	1.160	1.000	1.160	158	0.775	929,280.00	0.802		0.775		720,322	-	-
18	General Office	1970's	8	1	0.8	1.160	1.000	1.160	158	0.775	330,240.00	0.802		0.775		255,982	-	-
19	Mechancial D	1970's	8	1	0.8	1.160	1.000	1.160	158	0.775	86,800.00	0.802		0.775		67,282	-	-

WATER AND SEWERAGE AUTHORITY

20	Admin. Buildi	1970'S	8	5	1.0	1.200	1.000	1.200	163	0.760	885,000.00	0.776	800,000.00	0.760	200,000.00	672,237	620,708	151,918
21	Technical Dep	1970'S	8	5	1.0	1.200	1.000	1.200	163	0.760	446,250.00	0.776	300,000.00	0.760	150,000.00	338,967	232,766	113,939
22	Technical Office		8	5	1.0	1.200	1.000	1.200	163	0.760	66,000.00	0.776	300,000.00	0.760	150,000.00	50,133	232,766	113,939
23	Garage/Storage		8	5	1.0	1.200	1.000	1.200	163	0.760	562,500.00	0.776	80,000.00	0.760	10,000.00	427,269	62,071	7,596
										S	7,026,600		1,480,000		1,815,000	5,285,120	1,148,310	1,304,319

Factory

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
	Castries	1972	50	0.75	0.75	1.150	1.000	1.150	156	0.859	1,625,925.00	0.378		0.859		1,396,860	-	-
	Castries	1978	50	0.75	0.75	1.150	1.000	1.150	156	0.859	1,050,000.00	0.378		0.859		902,073	-	-
	Castries				0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Castries	1972			0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Castries	1982			0.75	1.150	1.000	1.150	156	0.693	380,000.00	0.222		0.693		263,282	-	-
	Castries	1982			0.75	1.150	1.000	1.150	156	0.693	882,000.00	0.222		0.693		611,091	-	-
	Castries	1972			0.75	1.150	1.000	1.150	156	0.693	1,097,775.00	0.222		0.693		760,590	-	-
	Dennery	1977			0.75	1.150	1.000	1.150	156	0.693	1,449,000.00	0.222		0.693		1,003,935	-	-
	Dennery	1972			0.75	1.150	1.000	1.150	156	0.693	970,200.00	0.222		0.693		672,200	-	-
	Dennery	1984			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Dennery	1984			0.75	1.150	1.000	1.150	156	0.693	189,000.00	0.222		0.693		130,948	-	-
	Vieux Fort	1987			0.75	1.150	1.000	1.150	156	0.693	1,638,000.00	0.222		0.693		1,134,883	-	-
	Vieux Fort	1973			0.75	1.150	1.000	1.150	156	0.693	630,000.00	0.222		0.693		436,494	-	-
	Vieux Fort	1973			0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	735,000.00	0.222		0.693		509,243	-	-
	Vieux Fort	1973			0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Vieux Fort	1973			0.75	1.150	1.000	1.150	156	0.693	525,000.00	0.222		0.693		363,745	-	-
	Vieux Fort	1973			0.75	1.150	1.000	1.150	156	0.693	525,000.00	0.222		0.693		363,745	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	882,000.00	0.222		0.693		611,091	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	1,008,000.00	0.222		0.693		698,390	-	-
	Vieux Fort	1988			0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Vieux Fort	1988			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Vieux Fort	1988			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Vieux Fort	1977			0.75	1.150	1.000	1.150	156	0.693	3,234,000.00	0.222		0.693		2,240,667	-	-
	Vieux Fort	1982			0.75	1.150	1.000	1.150	156	0.693	2,270,100.00	0.222		0.693		1,572,832	-	-
	Vieux Fort	1982			0.75	1.150	1.000	1.150	156	0.693	882,000.00	0.222		0.693		611,091	-	-
	Vieux Fort	1982			0.75	1.150	1.000	1.150	156	0.693	2,016,000.00	0.222		0.693		1,396,780	-	-
	Vieux Fort	1982			0.75	1.150	1.000	1.150	156	0.693	1,008,000.00	0.222		0.693		698,390	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
					0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	1,008,000.00	0.222		0.693		698,390	-	-
	Vieux Fort	1998			0.75	1.150	1.000	1.150	156	0.693	1,008,000.00	0.222		0.693		698,390	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	2,100,000.00	0.222		0.693		1,454,979	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	2,100,000.00	0.222		0.693		1,454,979	-	-
	Vieux Fort	1984			0.75	1.150	1.000	1.150	156	0.693	2,302,125.00	0.222		0.693		1,595,020	-	-
	Castries	1984			0.75	1.150	1.000	1.150	156	0.693	2,604,000.00	0.222		0.693		1,804,174	-	-
	Castries	1984			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Castries	1984			0.75	1.150	1.000	1.150	156	0.693	1,050,000.00	0.222		0.693		727,489	-	-
	Castries	1988			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Castries	1990			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Castries	1990			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Castries	1990			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
	Castries	1988			0.75	1.150	1.000	1.150	156	0.693	2,016,000.00	0.222		0.693		1,396,780	-	-
	Castries	1988			0.75	1.150	1.000	1.150	156	0.693	2,100,000.00	0.222		0.693		1,454,979	-	-
	Micoud	1990			0.75	1.150	1.000	1.150	156	0.693	1,029,000.00	0.222		0.693		712,940	-	-
										S	56,883,125		0		0	39,856,229	0	0

Schools

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
1	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	210,000.00	0.764	23,625.00	0.751		157,688	18,040	-
2	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	560,000.00	0.764	63,000.00	0.751		420,502	48,107	-
3	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	383,000.00	0.764	43,087.50	0.751		287,594	32,902	-
4	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	367,000.00	0.764	41,287.50	0.751		275,579	31,527	-
5	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	133,000.00	0.764	14,962.50	0.751		99,869	11,425	-
6	CASTRIES	1990	20	0.5	0.75	1.150	1.000	1.150	156	0.751	128,000.00	0.764	14,400.00	0.751		96,115	10,996	-
7	CASTRIES	1960's	150	8.0	1.0	1.200	1.000	1.200	163	0.978	190,000.00	0.974	21,375.00	0.978		185,824	20,822	-
8	CASTRIES	1960's	150	8.0	1.0	1.200	1.000	1.200	163	0.978	100,000.00	0.974	11,250.00	0.978		97,802	10,959	-
9	CASTRIES	1960's	150	20.0	1.0	1.200	1.000	1.200	163	0.978	280,000.00	0.974	31,500.00	0.978		273,846	30,685	-
10	CASTRIES	1960's	150	20.0	1.0	1.200	1.000	1.200	163	0.978	183,000.00	0.974	20,587.50	0.978		178,978	20,055	-
11	CASTRIES	1960's	150	20.0	1.0	1.200	1.000	1.200	163	0.978	125,000.00	0.974	14,062.50	0.978		122,253	13,699	-
12	CASTRIES	1960's	150	20.0	1.0	1.200	1.000	1.200	163	0.978	70,000.00	0.974		0.978		68,462	-	-
13	CASTRIES	1960's	900	15.0	1.0	1.200	1.000	1.200	163	0.999	470,000.00	0.996	52,875.00	0.999	25,000.00	469,516	52,646	24,974
14		1960's	900	15.0	1.0	1.200	1.000	1.200	163	0.999	120,000.00	0.996	13,500.00	0.999		119,877	13,442	-
15		1960's	900	15.0	1.0	1.200	1.000	1.200	163	0.999	38,000.00	0.996		0.999		37,961	-	-
16	CASTRIES	1989	10	0.25	0.65	1.130	1.000	1.130	154	0.676	910,000.00	0.655	102,375.00	0.676		614,955	67,059	-
17	CASTRIES	1989	10	0.25	0.65	1.130	1.000	1.130	154	0.676	1,420,000.00	0.655	159,750.00	0.676		959,601	104,642	-
18	CASTRIES	1989	10	0.25	0.65	1.130	1.000	1.130	154	0.676	80,000.00	0.655	9,000.00	0.676		54,062	5,895	-
19	CASTRIES	1962	30	0.75	0.8	1.160	1.000	1.160	158	0.817	870,000.00	0.839	97,875.00	0.817		710,776	82,070	-
20		1962	30	0.75	0.8	1.160	1.000	1.160	158	0.817	232,000.00	0.839	26,100.00	0.817		189,540	21,885	-
21		1962	30	0.75	0.8	1.160	1.000	1.160	158	0.817	95,000.00	0.839	10,687.50	0.817		77,613	8,962	-
22		1962	30	0.75	0.8	1.160	1.000	1.160	158	0.817	210,000.00	0.839	23,625.00	0.817		171,567	19,810	-
23	CASTRIES	1984	700	10	1.0	1.200	1.000	1.200	163	0.999	453,000.00	0.993	50,962.50	0.999		452,398	50,595	-
24		1984	700	10	1.0	1.200	1.000	1.200	163	0.999	453,000.00	0.993	50,962.50	0.999		452,398	50,595	-
25		1984	700	10	1.0	1.200	1.000	1.200	163	0.999	153,000.00	0.993	17,212.50	0.999		152,797	17,088	-
26	CASTRIES	1970's	200	6	1.0	1.200	1.000	1.200	163	0.984	477,000.00	0.976	53,662.50	0.984		469,596	52,396	-
27		1970's	200	6	1.0	1.200	1.000	1.200	163	0.984	373,000.00	0.976	41,962.50	0.984		367,210	40,972	-

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	K _z	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
1	CASTRIES	1983	700	6	1.0	1.200	1.000	1.200	163	0.999	670,000.00	0.993	75,375.00	0.999		669,110	74,831	-
2	CASTRIES	1983	700	6	1.0	1.200	1.000	1.200	163	0.999	662,000.00	0.993	74,475.00	0.999		661,120	73,937	-
3	CASTRIES	1983	700	6	1.0	1.200	1.000	1.200	163	0.999	68,000.00	0.993	7,650.00	0.999		67,910	7,595	-
4	CASTRIES	1983	150	1	0.8	1.160	1.000	1.160	158	0.967	193,000.00	0.968	21,712.50	0.967		186,602	21,021	-
5	CASTRIES	1983	150	1	0.8	1.160	1.000	1.160	158	0.967	250,000.00	0.968	28,125.00	0.967		241,713	27,229	-
6	CASTRIES	1983	150	1	0.8	1.160	1.000	1.160	158	0.967	132,000.00	0.968	14,850.00	0.967		127,624	14,377	-
7	CASTRIES	1983	150	1	0.8	1.160	1.000	1.160	158	0.967	524,000.00	0.968	58,950.00	0.967		506,629	57,072	-
8	CASTRIES	1983	150	1	0.8	1.160	1.000	1.160	158	0.967	12,000.00	0.968		0.967		11,602	-	-
9	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	112,000.00	0.984	12,600.00	0.996		111,601	12,394	-
10	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	218,000.00	0.984	24,525.00	0.996		217,224	24,124	-
11	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	128,947.00	0.984	14,506.54	0.996		128,488	14,269	-
12	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	260,000.00	0.984	29,250.00	0.996		259,074	28,772	-
13	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	52,000.00	0.984	5,850.00	0.996		51,815	5,754	-
14	CASTRIES	1970's	400	1.67	1.0	1.200	1.000	1.200	163	0.996	116,000.00	0.984	13,050.00	0.996		115,587	12,837	-
15	SOUFRIERE	1982	800	0.8	0.8	1.160	1.000	1.160	158	0.998	190,000.00	0.990	21,375.00	0.998		189,706	21,165	-
16	SOUFRIERE	1982	800	0.8	0.8	1.160	1.000	1.160	158	0.998	160,000.00	0.990	18,000.00	0.998		159,752	17,823	-
17	CHOSEUL	1982	1000	3.15	1.0	1.200	1.000	1.200	163	0.999	315,000.00	0.997	35,437.50	0.999		314,719	35,322	-
18	CHOSEUL	1982	1000	3.15	1.0	1.200	1.000	1.200	163	0.999	315,000.00	0.997	35,437.50	0.999		314,719	35,322	-
19	LABORIE	1982	150	0.5	0.7	1.140	1.000	1.140	155	0.961	505,000.00	0.964	56,812.50	0.961		485,071	54,778	-
20	VIEUX FORT	1983	15	0.3	0.65	1.130	1.000	1.130	154	0.676	2,000,000.00	0.655	225,000.00	0.676		1,351,550	147,383	-
21	MICOUD	1972	150	0.75	0.8	1.160	1.000	1.160	158	0.967	328,000.00	0.968	36,900.00	0.967		317,127	35,724	-
22	MICOUD	1972	150	0.75	0.8	1.160	1.000	1.160	158	0.967	43,000.00	0.968	4,837.50	0.967		41,575	4,683	-
23	MICOUD	1972	150	0.75	0.8	1.160	1.000	1.160	158	0.967	165,000.00	0.968	18,562.50	0.967		159,530	17,971	-
24	MICOUD	1972	150	0.75	0.8	1.160	1.000	1.160	158	0.967	8,000.00	0.968		0.967		7,735	-	-
25	MICOUD	1972	150	0.75	0.8	1.160	1.000	1.160	158	0.967	2,800,000.00	0.968	315,000.00	0.967		2,707,180	304,965	-

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipment Damage \$
1	DENNERY	1982	50	2	1.0	1.200	1.000	1.200	163	0.922	1,300,000.00	0.938	146,250.00	0.922		1,198,382	137,160	-
2	DENNERY	1982	150	3	1.0	1.200	1.000	1.200	163	0.978	520,000.00	0.974	58,500.00	0.978		508,571	56,986	-
3	DENNERY	1982	150	3	1.0	1.200	1.000	1.200	163	0.978	206,000.00	0.974	23,175.00	0.978		201,473	22,575	-
4	DENNERY	1987	150	3	1.0	1.200	1.000	1.200	163	0.978	75,000.00	0.974	8,437.50	0.978		73,352	8,219	-
5	CHOISEUL	1985			1.0	1.200	1.000	1.200	163	0.761	710,000.00	0.776	79,875.00	0.761		540,234	61,974	-
6	GROS ISLET	1969	50	0.5	0.7	1.140	1.000	1.140	155	0.866	124,000.00	0.890	13,950.00	0.866		107,393	12,412	-
7	GROS ISLET	1982	50	0.5	0.7	1.140	1.000	1.140	155	0.866	621,000.00	0.890	69,862.50	0.866		537,829	62,161	-
8	GROS ISLET	1970's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	660,000.00	0.890		0.866		571,606	-	-
9	GROS ISLET	1970's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	474,300.00	0.890		0.866		410,777	-	-
10	DENNERY	1970	10	0.15	0.65	1.130	1.000	1.130	154	0.676	510000	0.655	57,375.00	0.676		344,645	37,583	-
11	DENNERY	1970	10	0.15	0.65	1.130	1.000	1.130	154	0.676	450,000.00	0.655	50,625.00	0.676		304,099	33,161	-
12	VIEUX FORT (C	1970	10	0.2	0.65	1.130	1.000	1.130	154	0.676	1,400,000.00	0.655	157,500.00	0.676		946,085	103,168	-
13	EUX FORT (C	1970	80	0.2	0.65	1.130	1.000	1.130	154	0.911	332,000.00	0.930	37,350.00	0.911		302,584	34,735	-
14	VIEUX FORT	1970	82	0.2	0.65	1.130	1.000	1.130	154	0.911	332,000.00	0.930	37,350.00	0.911		302,584	34,735	-
15	VIEUX FORT	1970	80	0.2	0.65	1.130	1.000	1.130	154	0.911	332,000.00	0.930	37,350.00	0.911		302,584	34,735	-
16	VIEUX FORT	1970	80	0.2	0.65	1.130	1.000	1.130	154	0.911	500,000.00	0.930	56,250.00	0.911		455,700	52,311	-
17	VIEUX FORT	1970	80	0.2	0.65	1.130	1.000	1.130	154	0.911	109,000.00	0.930	12,262.50	0.911		99,342	11,404	-
18	VIEUX FORT	1970	80	0.2	0.65	1.130	1.000	1.130	154	0.911	490,000.00	0.930	55,125.00	0.911		446,586	51,265	-
19	EUX FORT (C	1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	225,000.00	0.890	25,312.50	0.866		194,866	22,522	-
20		1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	740,000.00	0.890	83,250.00	0.866		640,891	74,072	-
21		1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	500,000.00	0.890	56,250.00	0.866		433,035	50,049	-
22		1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	440,000.00	0.890	49,500.00	0.866		381,070	44,043	-
23		1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	134,000.00	0.890	15,075.00	0.866		116,053	13,413	-
24		1980's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	500,000.00	0.890	56,250.00	0.866		433,035	50,049	-
25		1980's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	260,000.00	0.890	29,250.00	0.866		225,178	26,025	-
26		1980's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	120,000.00	0.890	13,500.00	0.866		103,928	12,012	-
27		1963	50	0.5	0.7	1.140	1.000	1.140	155	0.866	90,000.00	0.890	10,125.00	0.866		77,946	9,009	-
28		1980's	50	0.5	0.7	1.140	1.000	1.140	155	0.866	730,000.00	0.890	82,125.00	0.866		632,230	73,071	-

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
1	VF Compreh.	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	951,000.00	0.945	106,987.50	0.931		885,511	101,052	-
2	VIEUX FORT	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	435,000.00	0.945	48,937.50	0.931		405,045	46,223	-
3	VIEUX FORT	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	23,000.00	0.945	2,587.50	0.931		21,416	2,444	-
4	VIEUX FORT	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	426,000.00	0.945	47,925.00	0.931		396,664	45,266	-
5	VIEUX FORT	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	135,000.00	0.945	15,187.50	0.931		125,703	14,345	-
6	VIEUX FORT	1980's	100	0.10	0.65	1.130	1.000	1.130	154	0.931	864,000.00	0.945	97,200.00	0.931		804,502	91,808	-
7	AUGIER	1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	36,000.00	0.969	4,050.00	0.969		34,871	3,925	-
8		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	255,000.00	0.969	28,687.50	0.969		247,003	27,805	-
9		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	63,000.00	0.969	7,087.50	0.969		61,024	6,870	-
10		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	61,000.00	0.969	6,862.50	0.969		59,087	6,651	-
11		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	70,000.00	0.969	7,875.00	0.969		67,805	7,633	-
12		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	104,000.00	0.969	11,700.00	0.969		100,738	11,340	-
13		1985	200	0.10	0.65	1.130	1.000	1.130	154	0.969	660,000.00	0.969	74,250.00	0.969		639,301	71,967	-
14	VIEUX FORT	1972	20	0.25	0.65	1.130	1.000	1.130	154	0.720	1,430,000.00	0.722	160,875.00	0.720		1,029,320	116,212	-
15	VIEUX FORT	1972	20	0.25	0.65	1.130	1.000	1.130	154	0.720	51,000.00	0.722	5,737.50	0.720		36,710	4,145	-
16	VIEUX FORT	1972	20	0.25	0.65	1.130	1.000	1.130	154	0.720	51,000.00	0.722	5,737.50	0.720		36,710	4,145	-
17	Gros Islet	1963	150	2.21	1.0	1.200	1.000	1.200	163	0.978	1,076,400.00	0.974	121,095.00	0.978		1,052,743	117,961	-
18	Gros Islet	1972	75	1.0	0.8	1.160	1.000	1.160	158	0.927	701,112.00	0.941	78,875.10	0.927		649,668	74,247	-
19	Gros Islet	1972	75	1.0	0.8	1.160	1.000	1.160	158	0.927	631,128.00	0.941	71,001.90	0.927		584,819	66,835	-
20	Gros Islet	1972	75	1.0	0.8	1.160	1.000	1.160	158	0.927	1,564,500.00	0.941	176,006.25	0.927		1,449,705	165,678	-
21	Gros Islet	1972	75	1.0	0.8	1.160	1.000	1.160	158	0.927	764,000.00	0.941	85,950.00	0.927		707,942	80,906	-
22	Gros Islet	1972	75	1.0	0.8	1.160	1.000	1.160	158	0.927		0.941		0.927		-	-	-
S											42,546,387		4,644,460		25,000	37,257,484	4,082,925	24,974

Buildings

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34	
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$	
SLASPA BUILDINGS																			
1	Banana	1981	6	0.05	0.6	1.120	1.000	1.120	152	0.650	5,625,000.00	0.785		0.650		3,653,606	-	-	
2	Concrete Shed	1979	6	0.05	0.6	1.120	1.000	1.120	152	0.650	7,837,500.00	0.785		0.650		5,090,691	-	-	
3	Workshop	1989	6	0.05	0.6	1.120	1.000	1.120	152	0.650	825,000.00	0.785		0.650		535,862	-	-	
4	Sheds	1960's	6	0.05	0.6	1.120	1.000	1.120	152	0.650	2,800,000.00	0.785		0.650		1,818,684	-	-	
5	Customs 1	1992	6	0.05	0.6	1.120	1.000	1.120	152	0.650	2,231,250.00	0.785		0.650		1,449,264	-	-	
6	Customs 2	1960's	6	0.05	0.6	1.120	1.000	1.120	152	0.650	900,000.00	0.785		0.650		584,577	-	-	
7	LPC	1960's	6	0.05	0.6	1.120	1.000	1.120	152	0.650		0.785		0.650		-	-	-	
8	HQ	1997	6	0.05	0.6	1.120	1.000	1.120	152	0.650	3,579,860.00	0.785		0.650		2,325,226	-	-	
GEORGE FL CHARLES AIRPORT																			
9	Terminal		6	0.05	0.6	1.120	1.000	1.120	152	0.650	4,000,000.00	0.785	300,000.00	0.650	200,000.00	2,598,120	235,407	129,906	
10	Canopy	1980	6	0.05	0.6	1.120	1.000	1.120	152	0.650	240,000.00	0.785		0.650		155,887	-	-	
11	Mtc. Garage		6	0.05	0.6	1.120	1.000	1.120	152	0.650	222,000.00	0.785		0.650		144,196	-	-	
12	Fire Hall	1990	6	0.05	0.6	1.120	1.000	1.120	152	0.650	242,000.00	0.785		0.650		157,186	-	-	
HEWANORRA AIRPORT																			
13	Hewanorra	1979/96	10	0.1	0.6	1.120	1.000	1.120	152	0.650	18,400,000.00	0.785	300,000.00	0.650	300,000.00	11,951,352	235,407	194,859	
14	Cargo Shed	1988	10	0.1	0.6	1.120	1.000	1.120	152	0.650	950,000.00	0.785		0.650		617,054	-	-	
PORT VIEUX FORT																			
15	Administration	1990	12	0.15	0.6	1.120	1.000	1.120	152	0.650		0.785		0.650		-	-	-	
16	Shed																		
17	Security	1993	6	0.1	0.6	1.120	1.000	1.120	152	0.650		0.785		0.650		-	-	-	
											S								
											47,852,610		600,000		500,000	31,081,706	470,814	324,765	

Airport Runways

1	2	3	4	5	5	6	7	8	9
PARISHES	LENGTH (Feet)	AREA OF PAVEMENTS (Sq.Ft.)	REPLACEMENT COST (Per Sq.Ft.)	TOTAL COST	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
Vieux Fort	9200.00	2,071,278.48	\$37.78	\$78,248,298.13	VH	VH	H	0.1	7,824,830
Castries	5900.00	1,009,875.00	\$37.78	\$38,150,833.33	VH	VH	H	0.1	3,815,083
S				116,399,131					11,639,913

Hospitals

1	2	3	4	5	5a	5b	5c	5e	6	25	26	28	29	30	31	32	33	34
Struct No.	Parish	Year Built	Elevation ft.	Distance from coast	Kz	$\sqrt{K_{zt}}$	$\sqrt{K_z}$	$\sqrt{K_T}$	Site Speed mph	Struct. Damage Ratio	Building Value	Content Damage Ratio	Contents Value	Equipment Damage Ratio	Ext.Equip Value	Structural Damage \$	Content Damage \$	Equipement Damage \$
	"L" Block	1898	100	0.124	0.6	1.120	1.000	1.120	152	0.918	3,021,200.00	0.978		0.918		2,773,613	-	-
	Maternity	1992	100	0.124	0.6	1.120	1.000	1.120	152	0.918	8,500,000.00	0.978		0.918		7,803,425	-	-
	Baron Wing	1898	100	0.124	0.6	1.120	1.000	1.120	152	0.918	1,080,000.00	0.978		0.918		991,494	-	-
	Paeditrics	1963	100	0.124	0.6	1.120	1.000	1.120	152	0.918	1,732,000.00	0.978		0.918		1,590,063	-	-
	Chest Wing	1970	100	0.124	0.6	1.120	1.000	1.120	152	0.918	1,460,000.00	0.978		0.918		1,340,353	-	-
	Nurses Qtrs.	1966	100	0.1	0.6	1.120	1.000	1.120	152	0.918	2,931,880.00	0.978		0.918		2,691,612	-	-
	Administra.	1963	100	0.1	0.6	1.120	1.000	1.120	152	0.918	1,908,720.00	0.978		0.918		1,752,300	-	-
	Laboratory	1976	100	0.15	0.6	1.120	1.000	1.120	152	0.918	1,100,000.00	0.978		0.918		1,009,855	-	-
	Kitchen	1898	100	0.15	0.6	1.120	1.000	1.120	152	0.918	90,000.00	0.978		0.918		82,625	-	-
	Drs. Residen.	1943	100	0.125	0.6	1.120	1.000	1.120	152	0.918	384,000.00	0.978		0.918		352,531	-	-
	Boiler hse.	1953	100	0.125	0.6	1.120	1.000	1.120	152	0.918	97,500.00	0.978		0.918		89,510	-	-
	Generator 1	1977	100	0.125	0.6	1.120	1.000	1.120	152	0.918	37,200.00	0.978		0.918		34,151	-	-
	Generator 2	1991	100	0.125	0.6	1.120	1.000	1.120	152	0.918	35,040.00	0.978		0.918		32,168	-	-
	Sterilization	1993	100	0.125	0.6	1.120	1.000	1.120	152	0.918	32,160.00	0.978		0.918		29,524	-	-
	Mobile unit	1995	100	0.15	0.6	1.120	1.000	1.120	152	0.918	83,160.00	0.978		0.918		76,345	-	-
	Mobile unit	1995	100	0.15	0.6	1.120	1.000	1.120	152	0.918	45,435.00	0.978		0.918		41,712	-	-
										S	22,538,295		0		0	20,691,282	0	0

Roadworks

Asphalt

PARISH	Miles of Road	Replacement Cost per Mile \$1,300,000.00	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
Zone 1	19.80	25740000	VH	M	VH	0.5	12,870,000
Zone 2	8.40	10920000	VH	M	VH	0.5	5,460,000
Zone 3	16.43	21359000	VH	M	VH	0.5	10,679,500
Zone 4A	3.47	4511000	VH	M	VH	0.5	2,255,500
Zone 4b	9.05	11765000	VH	M	VH	0.5	5,882,500
Zone 5a	13.70	17810000	VH	M	VH	0.5	8,905,000
Zone 5b	10.66	13863200	VH	M	VH	0.5	6,931,600
Zone 5c		0	VH	M	VH	0.5	-
Zone 6a		0	VH	M	VH	0.5	-
Zone 6b	9.42	12251200	VH	M	VH	0.5	6,125,600
Zone 7	28.64	37237200	VH	M	VH	0.5	18,618,600
Zone 8a	35.59	46264400.00	VH	M	VH	0.5	23,132,200
Zone 8b	13.02	16926000	VH	M	VH	0.5	8,463,000
S		218,647,000					109,323,500

Surface Dres

PARISH	Miles of Road	Replacement Cost per Mile	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$637,269.13					
Zone 1	45.57	29040354.04	H	M	VH	0.5	14,520,177
Zone 2	24.12	15370931.3	H	M	VH	0.5	7,685,466
Zone 3	45.63	29078590.19	H	M	VH	0.5	14,539,295
Zone 4A	32.61	20781346.17	H	M	VH	0.5	10,390,673
Zone 4b	12.96	8259007.863	H	M	VH	0.5	4,129,504
Zone 5a	20.09	12802736.73	H	M	VH	0.5	6,401,368
Zone 5b	20.15	12840972.87	H	M	VH	0.5	6,420,486
Zone 5c	38.13	24299071.75	H	M	VH	0.5	12,149,536
Zone 6a	32.61	20782620.71	H	M	VH	0.5	10,391,310
Zone 6b	19.72	12564398.07	H	M	VH	0.5	6,282,199
Zone 7	29.82	19004639.85	H	M	VH	0.5	9,502,320
Zone 8a	26.85	17108126.94	H	M	VH	0.5	8,554,063
Zone 8b	11.78	7507030.296	H	M	VH	0.5	3,753,515
S		229,439,827					114,719,913

Gravel

PARISH	Miles of Road	Replacement Cost per Mile	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$144,833.89					
Zone 1	7.00	1013837.245	H	M	VH	0.5	506,919
Zone 2	2.98	431604.9985	H	M	VH	0.5	215,802
Zone 3	2.98	431604.9985	H	M	VH	0.5	215,802
Zone 4A	5.33	771964.6449	H	M	VH	0.5	385,982
Zone 4b		0	H	M	VH	0.5	-
Zone 5a	3.10	448985.0655	H	M	VH	0.5	224,493
Zone 5b	8.06	1167361.17	H	M	VH	0.5	583,681
Zone 5c		0	H	M	VH	0.5	-
Zone 6a		0	H	M	VH	0.5	-
Zone 6b	4.34	628579.0917	H	M	VH	0.5	314,290
Zone 7	3.84	556741.4813	H	M	VH	0.5	278,371
Zone 8a	0.19	26939.10	H	M	VH	0.5	13,470
Zone 8b	1.05	152654.9223	H	M	VH	0.5	76,327
S		5,630,273					2,815,136

Earthen

PARISH	Miles of Road	Replacement Cost per Mile	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$40,231.64					
Zone 1	6.23	250643.0966	H	M	VH	0.5	125,322
Zone 2	7.32	294495.5806	H	M	VH	0.5	147,248
Zone 3	0.37	14885.70558	H	M	VH	0.5	7,443
Zone 4A	1.67	67186.83328	H	M	VH	0.5	33,593
Zone 4b		0	H	M	VH	0.5	-
Zone 5a	4.90	197054.5565	H	M	VH	0.5	98,527
Zone 5b	1.24	49887.2295	H	M	VH	0.5	24,944
Zone 5c		0	H	M	VH	0.5	-
Zone 6a	1.74	69842.1213	H	M	VH	0.5	34,921
Zone 6b	1.74	69842.1213	H	M	VH	0.5	34,921
Zone 7	1.12	44898.50655	H	M	VH	0.5	22,449
Zone 8a		0.00	H	M	VH	0.5	-
Zone 8b	2.85	114740.6279	H	M	VH	0.5	57,370
S		1,173,476					586,738

Concrete

PARISH	Miles of Road	Replacement Cost per Mile	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$1,641,450.78					
Zone 1	1.55	2544248.705	H	M	VH	0.5	1,272,124
Zone 2		0	H	M	VH	0.5	-
Zone 3		0	H	M	VH	0.5	-
Zone 4A		0	H	M	VH	0.5	-
Zone 4b		0	H	M	VH	0.5	-
Zone 5a		0	H	M	VH	0.5	-
Zone 5b		0	H	M	VH	0.5	-
Zone 5c		0	H	M	VH	0.5	-
Zone 6a		0	H	M	VH	0.5	-
Zone 6b		0	H	M	VH	0.5	-
Zone 7		0	H	M	VH	0.5	-
Zone 8a	0.12	203539.90	H	M	VH	0.5	101,770
Zone 8b		0	H	M	VH	0.5	-
S		2,747,789					1,373,894

Sea Ports

1	2	3	4	5	6	7	8
PARISH	Paved Area	Replacement Cost per Sq. ft.	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$35.00					
CASTRIES	518,000.00	18,130,000.00	H	M	VH	0.5	9,065,000
VIEUX FORT	150,000.00	5,250,000.00	H	M	VH	0.5	2,625,000
S		23,380,000					11,690,000

Slope Protection

1	2	3	4	5	6	7	8
PARISH	Paved Area	Replacement Cost per Sq. ft.	Erosion Potential	Pavement Resistance	Failure Likelihood	Failure Probability	Pavement Damage
		\$35.32					
CASTRIES			H	L	VH	0.5	-
VIEUX FORT	36,000.00	1,271,509.20	H	L	VH	0.5	635,755
S		1,271,509					635,755

Wharves

1	2	3	4	5	6	7	8	9	10	11	12
Parishes	Year Built	Elevation (ft)	Design Wave Height	Wave Elevation (ft)	Design Moment	Failure Moment	Moment due to Wind	z	P _r	Rep. Cost	Damage to Wharf
CASTRIES	1998	7	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	30,000,000	5,062,903
VIEUX FORT	1990	5	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	28,000,000	4,725,376
CASTRIES	1979	5	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	52,000,000	8,775,699
CASTRIES	1979	5	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	40,000,000	6,750,538
CASTRIES	1895	4	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	35,000,000	5,906,721
VIEUX FORT	1940's	5	12	23.78	23,456.56	35,184.84	26,748.72	-0.9591	0.1688	16,000,000	2,700,215
S										201,000,000	33,921,453

- QF - Quarry Fill
- RC - Reinforced Concrete
- SSP - Steel Sheet Pile
- STRODS - Steel Tie Rods
- ASP - Asphalt
- WPLS - Wooden Piles

SUMMARY

Infrastructure Element		Structure Replacement Cost (EC\$)	Contents Replacement Cost (EC\$)	Equipment Replacement Cost (EC\$)	Structural Damage (EC\$)	Content Damage (EC\$)	Equipment Damage (EC\$)	% PML
Market		43,827,520	-	-	28,467,289	-	-	64.95
Buildings		144,221,850	18,150,000	7,100,000	87,001,036	7,242,551	4,728,823	58.40
Complex		7,026,600	1,480,000	1,815,000	5,285,120	1,148,310	1,304,319	74.97
Factory		56,883,125	-	-	39,856,229	-	-	70.07
Schools		42,546,387	4,644,460	25,000	37,257,484	4,082,925	24,974	87.61
Buildings		47,852,610	600,000	500,000	31,081,706	470,814	324,765	65.12
Airport Runways		116,399,131			11,639,913			10.00
Hospitals		22,538,295	-	-	20,691,282	-	-	91.81
Roadworks		218,647,000			109,323,500			50.00
	Asphalt	229,439,827			114,719,913			50.00
	Surface Dres	5,630,273			2,815,136			50.00
	Gravel	1,173,476			586,738			50.00
	Earthen	2,747,789			1,373,894			50.00
	Concrete	23,380,000			11,690,000			50.00
Seaports		1,271,509			635,755			50.00
	Asphalt	201,000,000			33,921,453			16.88
	Slope Protection							
	Wharves							
Total		1,164,585,392	24,874,460	9,440,000	536,346,447	12,944,600	6,382,881	46.35