

Appendix B:

Disaster History Tables

Table B-1

Events Receiving FEMA Post-Disaster Aid in York County, 1987-2002

No.	Year	FEMA Code	Type of Event	Total FEMA Aid	Towns Affected	
					Number	Towns
1.	1987	DR-788	Flooding	\$50,370	2	OOB, Saco
2.	1991	DR-915	Flooding	\$1,082,319	27	All except Acton & Cornish
3.	1991	DR-921	Flooding	\$2,227,340	9	Biddeford, Kennebunk, Kport, Kittery, Ogunquit, OOB, Saco, Wells, York
4.	1992	DR-940	Flooding	\$105,723	7	Acton, Cornish, Hollis, Limington, Parsonsfield, Shapleigh, Waterboro
5.	1996	DR-1114	Flooding	\$1,052,600	14	Alfred, Berwick, Biddeford, Buxton, Cornish, Hollis, Kennebunk, Lebanon, N. Berwick, Ogunquit, Parsonsfield, Saco, Waterboro, Wells
6.	1996	DR-1143	Flooding	\$3,431,581	21	Acton, Alfred, Arundel, Biddeford, Buxton, Dayton, Eliot, Kennebunk, Kport, Kittery, Lebanon, Limerick, Ogunquit, OOB, Saco, Sanford Shapleigh, S. Berwick, Waterboro, Wells, York
7.	1998	DR-1198	Flooding	\$1,581,208	28	All except Kittery
8.	1998	DR-1232	Winter Storm	\$163,616	17	Alfred, Arundel, Biddeford, Cornish, Eliot, Kittery, Lebanon, Limerick, Limington, Newfield, N. Berwick, Parsonsfield, Saco, Shapleigh, S. Berwick, Waterboro, York
9.	1998	DR-1263	Flooding	\$888,258	6	Acton, Arundel, Biddeford, Kennebunk, Saco, York
10.	2001	EM-3164	Winter Storm	\$610,219	21	Acton, Alfred, Arundel, Berwick, Biddeford, Cornish, Eliot, Hollis, Kennebunk, Kport, Kittery, Lebanon, N. Berwick, Ogunquit, OOB, Parsonsfield, Saco, Sanford, S. Berwick, Wells, York
11.	2001	DR-1371	Flooding	\$531,714	19	Alfred, Arundel, Berwick, Buxton, Cornish, Eliot, Hollis, Kennebunk, Kittery, Lebanon, Limington, N. Berwick, OOB, Parsonsfield, Saco, S. Berwick, Waterboro, Wells, York
Totals, 1987-2001				\$11,724,948	16	(Average)

Table B-2

**Hurricanes and Tropical Storms in and Near York County
1951-2001**

No.	Year	Date	Name	Max Speed	Category	Est. Miles from Courthouse
1.	1952	09/02	Able	35	Tropical Depression	1
2.	1954	08/31	Carol	98	Hurricane, Category 2	50
3.	1959	10/01	Gracie	35	Extratropical Storm	37
4.	1960	07/30	Brenda	52	Tropical Storm	30
5.	1960	09/12	Donna	103	Hurricane, Category 2	15
6.	1961	09/26	Esther	40	Tropical Storm	40
7.	1961	09/15	Not Named	40	Tropical Storm	2
8.	1971	08/28	Doria	52	Tropical Storm	60
9.	1979	09/06	David	46	Extratropical Storm	70
10.	1985	09/27	Gloria	86	Hurricane, Category 1	40
11.	1988	08/30	Chris	23	Tropical Depression	25
12.	1991	08/19	Bob	98	Hurricane, Category 2	35
13.	1996	07/14	Bertha	69	Tropical Storm	27
14.	1999	09/17	Floyd	57	Tropical Storm	15

Source: NOAA Coastal Services Center

Severe Winter Storms in York County, 1993-2003

Date	Time	Type	Deaths	Injuries	Property Damage
12/29/1993	2:00 PM	Heavy Snow	0	0	\$0
1/17/1994	8:00 AM	Heavy Snow/Ice	0	0	\$0
2/8/1994	11:00 PM	Heavy Snow	0	0	\$0
1/2/1995	6:30 AM	Heavy Snow	0	0	\$0
1/7/1995	1:00 AM	Snow And Ice	0	0	\$0
2/27/1995	11:00 AM	Snow And Ice	0	0	\$0
12/9/1995	10:00 AM	Heavy Snow	0	0	\$0
12/14/1995	10:00 AM	Heavy Snow	0	0	\$0
1/3/1996	1:00 AM	Heavy Snow	0	0	\$0
1/8/1996	10:00 AM	Heavy Snow	0	0	\$0
1/12/1996	3:45 PM	Heavy Snow	0	0	\$500,000
3/5/1996	8:00 AM	Heavy Snow	0	0	\$0
3/7/1996	11:00 AM	Heavy Snow	0	0	\$0
4/9/1996	8:00 PM	Heavy Snow	0	0	\$0
12/7/1996	10:00 PM	Winter Storm	0	0	\$0
1/28/1997	12:00 AM	Winter Storm	0	0	\$0
3/31/1997	10:00 AM	Winter Storm	0	0	\$0
4/1/1997	12:00 AM	Winter Storm	0	0	\$0
11/14/1997	10:00 AM	Winter Storm	0	0	\$0
11/30/1997	9:00 PM	Winter Storm	0	0	\$0
12/1/1997	12:00 AM	Winter Storm	0	0	\$0
12/23/1997	7:00 AM	Winter Storm	0	0	\$0
1/5/1998	3:00 AM	Ice Storm	1	0	\$304,000,000
1/15/1998	9:00 PM	Heavy Snow	0	0	\$0
1/23/1998	11:00 AM	Moderate Snowfall	0	0	\$0
1/24/1998	12:00 AM	Ice Storm	0	0	\$9,000,000
2/18/1998	5:00 AM	Moderate Snowfall	0	0	\$0
3/14/1998	10:00 AM	Moderate Snowfall	0	0	\$0
3/14/1998	11:00 AM	Heavy Snow	0	0	\$0
3/21/1998	8:00 PM	Heavy Snow	0	0	\$0
12/8/1998	3:00 PM	Light Snow	0	0	\$0
12/27/1998	3:00 PM	Heavy Snow	0	0	\$0
1/12/1999	3:00 AM	Moderate Snowfall	0	0	\$0
1/14/1999	7:00 PM	Winter Storm	0	0	\$0
1/18/1999	12:00 PM	Freezing Rain	0	0	\$0
1/28/1999	7:00 AM	Moderate Snowfall	0	0	\$0
2/25/1999	4:00 PM	Moderate Snowfall	0	0	\$0
3/6/1999	11:00 AM	Heavy Snow	0	0	\$0
3/15/1999	2:00 AM	Heavy Snow	0	0	\$0
12/20/1999	4:00 PM	Freezing Rain	0	0	\$0
1/16/2000	5:00 AM	Moderate Snowfall	0	0	\$0
1/25/2000	10:00 AM	Heavy Snow	0	0	\$0
1/31/2000	4:00 AM	Moderate Snowfall	0	0	\$0
2/14/2000	12:00 AM	Heavy Snow	0	0	\$0
2/14/2000	12:00 AM	Moderate Snowfall	0	0	\$0
2/18/2000	1:00 PM	Heavy Snow	0	0	\$0
3/11/2000	3:00 PM	Heavy Snow	0	0	\$0
3/11/2000	3:00 PM	Moderate Snowfall	0	0	\$0
3/16/2000	7:00 PM	Heavy Snow	0	0	\$0

Severe Winter Storms in York County, 1993-2003

Date	Time	Type	Deaths	Injuries	Property Damage
3/16/2000	7:00 PM	Moderate Snowfall	0	0	\$0
11/26/2000	9:00 AM	Freezing Rain	0	0	\$0
12/14/2000	5:00 AM	Heavy Snow	0	0	\$0
12/30/2000	3:00 PM	Heavy Snow	0	0	\$0
1/5/2001	9:00 PM	Moderate Snowfall	0	0	\$0
1/31/2001	12:00 PM	Moderate Snowfall	0	0	\$0
2/5/2001	3:00 PM	Heavy Snow	0	0	\$0
2/22/2001	11:00 PM	Moderate Snowfall	0	0	\$0
3/5/2001	8:00 AM	Heavy Snow	0	0	\$0
3/9/2001	3:00 PM	Heavy Snow	0	0	\$0
3/22/2001	2:00 AM	Heavy Snow	0	0	\$0
3/30/2001	6:00 AM	Heavy Snow	0	0	\$0
12/9/2001	2:00 AM	Moderate Snowfall	0	0	\$0
12/17/2001	12:00 PM	Moderate Snowfall	0	0	\$0
12/24/2001	3:00 AM	Freezing Rain	0	0	\$0
1/13/2002	7:00 AM	Moderate Snowfall	0	0	\$0
1/30/2002	5:00 AM	Freezing Rain	0	0	\$0
1/31/2002	2:00 PM	Heavy Snow	0	0	\$0
2/1/2002	12:00 AM	Heavy Snow	0	0	\$0
2/10/2002	8:00 PM	Freezing Rain	0	0	\$0
3/20/2002	3:00 PM	Heavy Snow	0	0	\$0
4/25/2002	8:00 PM	Snow	0	0	\$0
11/16/2002	9:00 PM	Moderate Snowfall	0	0	\$0
11/17/2002	3:00 AM	Freezing Rain	0	0	\$0
12/25/2002	2:00 PM	Heavy Snow	0	0	\$0
12/31/2002	7:00 AM	Freezing Rain	0	0	\$0
1/3/2003	8:00 PM	Heavy Snow	0	0	\$0
2/2/2003	12:00 AM	Winter Weather	0	0	\$0
2/17/2003	8:00 PM	Heavy Snow	0	0	\$0
2/22/2003	4:00 PM	Winter Weather	0	0	\$0
Totals			1	0	\$313,500,000

Source: NOAA National Climate Data Center

Table B-4

Tornadoes in York County, 1950-2003

Date	Time	Magnitude	Deaths	Injuries	Property Damage
6/1/1956	3:00 PM	F1	0	0	\$25,000
7/11/1958	1:30 PM	F1	0	0	\$3,000
5/14/1963	4:15 PM	F2	0	0	\$3,000
10/10/1966	3:08 PM	F2	0	0	\$25,000
8/28/1973	12:30 PM	F0	0	0	\$0
8/13/1976	6:00 PM	F0	0	2	\$250,000
8/7/1986	3:15 PM	F1	0	0	\$2,500,000
8/7/1986	3:20 PM	F1	0	0	\$250,000
8/2/1993	3:15 PM	F0	0	0	\$50,000
		Totals	0	2	\$3,106,000

Source: NOAA National Climate Data Center

Table B-5

Summary of York County MEFIRS Statistics, 1997-2002

Year	No. of Depts. Reptg.	Pop. Reported For	% of Pop. Rept.	Dollar Loss		No. of Fires		False Alarms	
				Total	Per Capita	Total	Per 1,000 People	Total	Per 1,000 People
1997	7	64,900	35%	\$1,094,177	16.86	510	7.86	213	3.28
1998	7	64,900	35%	\$755,450	41.97	267	4.11	213	3.28
1999	9	95,900	51%	\$1,177,863	13.71	3,019	31.48	293	3.06
2000	4	52,600	28%	\$56,500	3.21	3,410	64.83	143	2.72
2001	3	17,500	9%	na	na	51	2.91	25	1.43
2002	7	44,951	24%	\$890,450	46.36	75	1.67	80	1.78

Source: Maine State Office of the Fire Marshal

Table B-6

Per Capita Annual Loss from Urban Fires, 1997-2002

Year	Town	Population Served	Dollar Loss	Loss Per Capita
Large Communities (10,000+ Pop.)				
1999	Biddeford	21,000	\$500,000	\$ 23.81
1997	Saco	16,500	\$389,737	\$ 23.62
1998	Saco	16,500	\$291,650	\$ 17.68
1999	Saco	16,500	\$245,750	\$ 14.89
1997	York	14,000	\$246,350	\$ 17.60
1998	York	14,000	\$154,100	\$ 11.01
1999	York	14,000	\$188,000	\$ 13.43
2000	York	14,000	\$185,000	\$ 13.21
1998	York Beach	13,000	\$62,950	\$ 4.84
2002	York	12,854	\$875,450	\$ 68.11
1997	Kittery	10,000	\$3,000	\$ 0.30
Average Annual Loss per Capita		162,354	\$3,141,987	\$ 19.35
Medium-Sized Communities (6,000-10,000 Pop.)				
1997	Wells	9,400	\$212,120	\$ 22.57
1997	Eliot	6,500	\$33,620	\$ 5.17
1998	Eliot	6,500	\$17,800	\$ 2.74
1999	Eliot	6,500	\$78,110	\$ 12.02
1998	Berwick	6,400	\$63,000	\$ 9.84
1999	Berwick	6,400	\$143,003	\$ 22.34
2002	Berwick	6,353	\$15,000	\$ 2.36
Average Annual Loss per Capita		48,053	\$562,653	\$ 11.71
Small Communities (Under 6,000 Pop.)				
1997	Goodwins Mills	5,000	\$142,500	\$ 28.50
1998	Goodwins Mills	5,000	\$157,000	\$ 31.40
1999	Goodwins Mills	5,000	\$3,000	\$ 0.60
2000	Arundel	3,600	\$56,500	\$ 15.69
1997	Kennebunkport	3,500	\$66,850	\$ 19.10
1998	Kennebunkport	3,500	\$8,950	\$ 2.56
1999	Kennebunkport	3,500	\$20,000	\$ 5.71
Average Annual Loss per Capita		29,100	\$454,800	\$ 15.63

Source: Maine State Office of the Fire Marshal; SMRPC

Table B-7
York County Wildfire Data, 1995-2001

Town	Number of Fires								Number of Acres Burned							
	1995	1996	1997	1998	1999	2000	2001	Total 1995- 2001	1995	1996	1997	1998	1999	2000	2001	Total 1995- 2001
Acton	1	0	0	0	1	0	4	6	2.0	0.0	0.0	0.0	1.0	0.0	1.7	4.7
Alfred	2	0	1	3	0	1	2	9	0.2	0.0	0.5	2.6	0.0	0.1	1.5	4.9
Arundel	4	0	0	3	0	1	2	10	1.4	0.0	0.0	1.2	0.0	0.0	0.9	3.5
Berwick	1	0	1	2	6	0	5	15	6.0	0.0	0.1	1.2	0.5	0.0	3.0	10.8
Biddeford	0	0	0	0	0	0	1	1	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
Buxton	9	4	0	0	0	3	4	20	0.2	0.4	0.0	0.0	0.0	0.3	1.3	2.2
Cornish	0	0	0	5	0	0	1	6	0.0	0.0	0.0	2.1	0.0	0.0	0.3	2.4
Dayton	1	3	2	5	4	1	1	17	0.1	2.6	3.1	1.1	2.6	0.3	2.5	12.3
Eliot	4	0	1	2	0	0	0	7	10.8	0.0	1.0	2.2	0.0	0.0	0.0	14.0
Hollis	3	0	2	2	1	0	2	10	0.3	0.0	3.5	0.3	0.5	0.0	0.1	4.7
Kennebunk	1	0	0	2	2	0	1	6	1.5	0.0	0.0	4.5	2.1	0.0	0.3	8.4
K'port	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kittery	0	2	1	3	2	2	1	11	0.0	2.0	0.5	1.2	4.1	1.0	0.5	9.3
Lebanon	2	2	1	5	0	1	5	16	2.1	2.5	1.0	7.2	0.0	0.3	3.4	16.5
Limerick	0	0	0	2	0	0	0	2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.1
Limington	5	0	0	2	0	0	3	10	4.0	0.0	0.0	0.4	0.0	0.0	0.6	5.0
Lyman	1	4	6	6	1	2	2	22	0.1	1.8	10.2	4.1	0.3	0.8	1.0	18.3
Newfield	0	0	0	1	0	0	0	1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
N. Berwick	0	0	1	10	0	0	4	15	0.0	0.0	0.2	2.8	0.0	0.0	1.2	4.2
Ogunquit	0	0	0	0	0	0	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
Old Orchard	0	9	14	9	2	1	0	35	0.0	3.5	8.9	14.5	5.0	3.8	0.0	35.7
Parsonsfield	0	0	1	1	0	0	1	3	0.0	0.0	0.1	1.0	0.0	0.0	1.0	2.1
Saco	5	0	9	6	1	0	10	31	2.7	0.0	5.0	2.1	0.2	0.0	20.0	30.0
Sanford	3	5	7	2	1	1	4	23	0.7	0.4	0.9	0.3	0.0	0.1	0.4	2.8
Shapleigh	0	0	0	1	0	0	0	1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
S. Berwick	0	0	0	0	1	1	0	2	0.0	0.0	0.0	0.0	4.8	2.0	0.0	6.8
Waterboro	7	0	4	0	0	1	4	16	11.7	0.0	15.4	0.0	0.0	0.6	0.4	28.1
Wells	0	0	0	5	1	0	2	8	0.0	0.0	0.0	4.3	0.2	0.0	0.2	4.7
York	5	2	1	6	0	0	3	17	0.4	0.3	0.5	2.0	0.0	0.0	0.3	3.5
Total	54	31	52	83	23	15	63	321	44.2	13.5	50.9	56.4	21.3	9.2	43.7	239.2

Source: Maine Forest Service