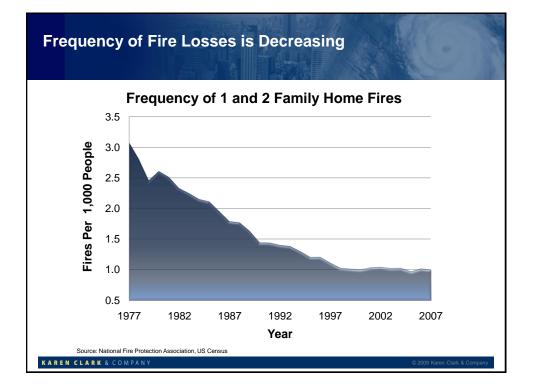
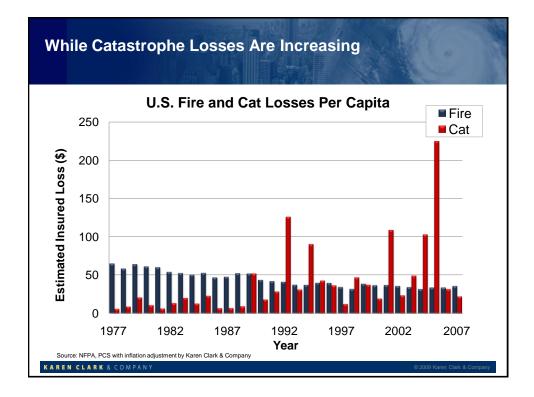


Catastrophe Losses by Year Since 1998

Year	Number of Catastrophes	Number of Claims (millions)	Dollars when Occurred (billions)	In 2007 Dollars (billions)
1998	37	3.6	\$10.1	\$12.8
1999	27	3.2	8.3	10.3
2000	24	1.5	4.6	5.5
2001	20	1.5	26.5	31.0
2002	25	1.8	5.9	6.8
2003	21	2.7	12.9	14.5
2004	22	3.4	27.5	30.2
2005	24	4.4	62.3	66.1
2006	33	2.3	9.2	9.5
2007	23	1.2	6.7	6.7





Biggest Driver of Increasing Cat Losses is Increases in Numbers, Values and Sizes of Properties in Harm's Way

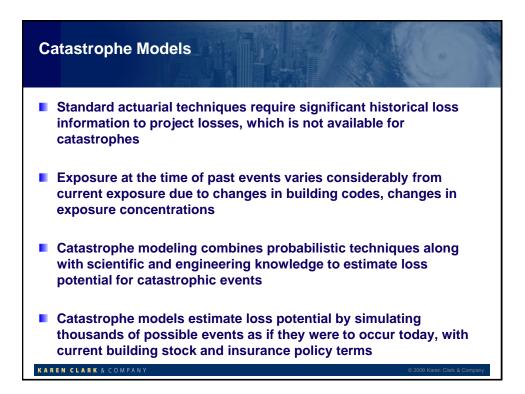


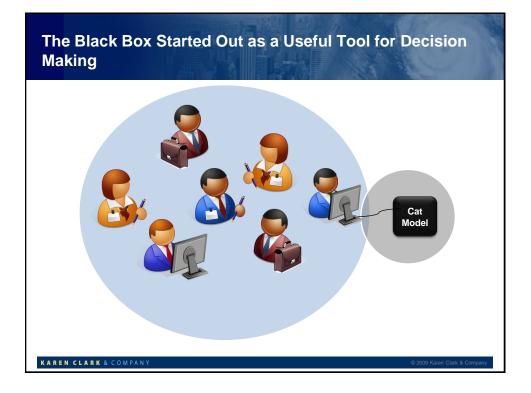


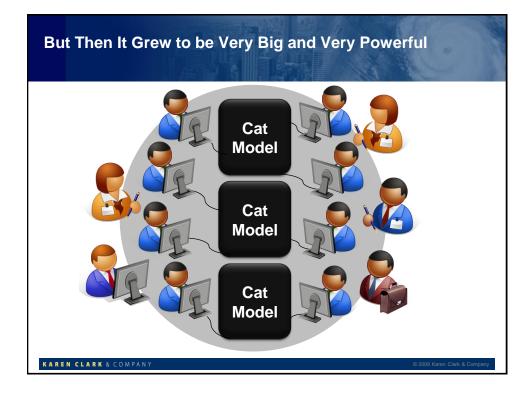
Source: Florida State Archives

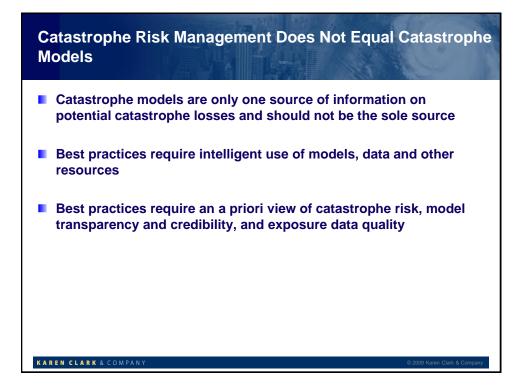
Source: Google Earth

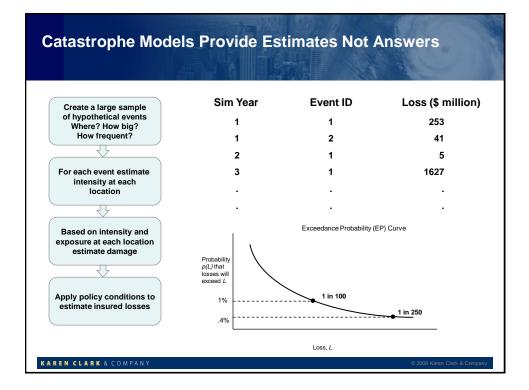
KAREN CLARK & COMPANY

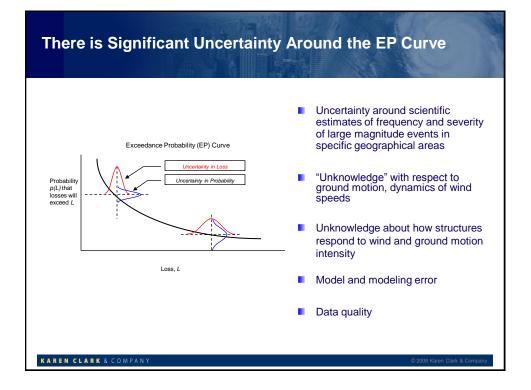


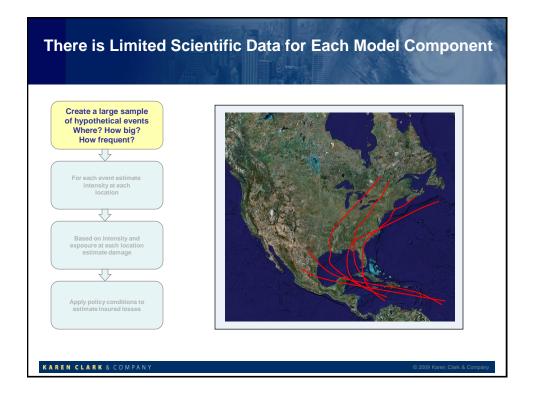


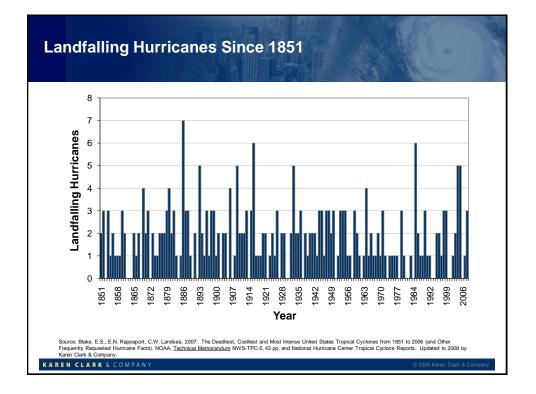


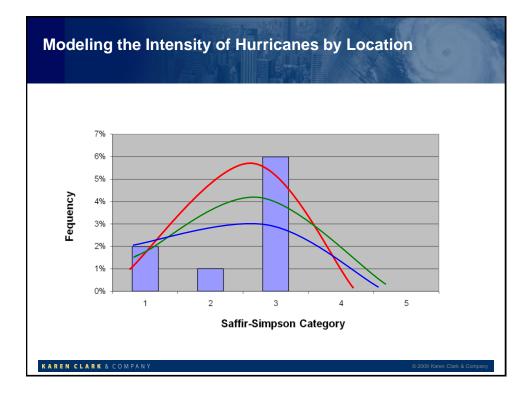


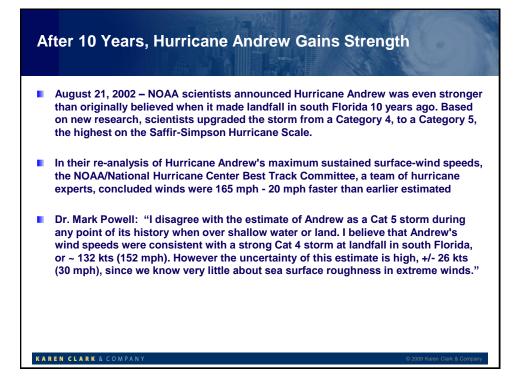


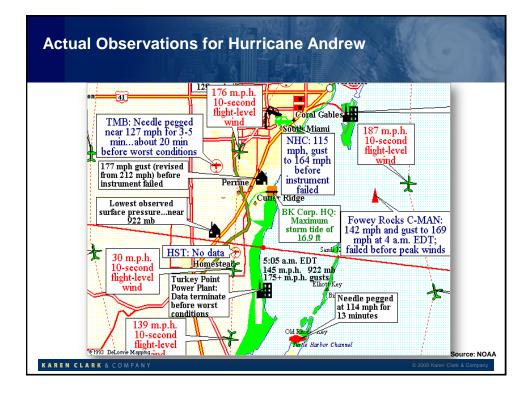


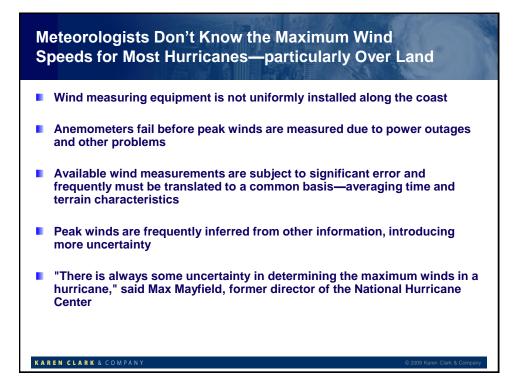




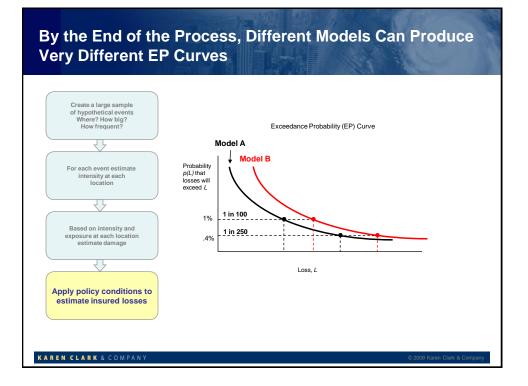




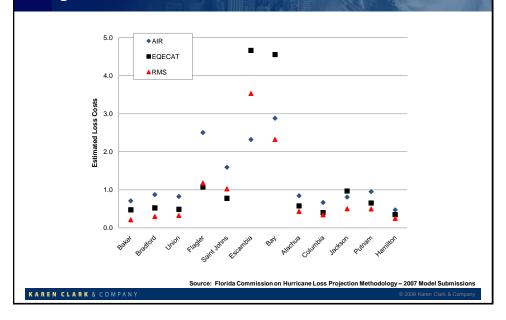




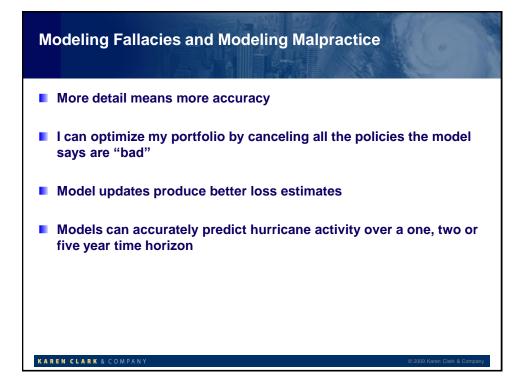
				1. 26
Hurricane	Year	SS Category by Wind Speed	SS Category by Central Pressure	SS Category Reconstructed Wind Field (HRD)
Alicia	1983	3	3	1-2
Andrew	1992	5	4	
Erin	1995	2	2	1
Opal	1995	3	4	2
Fran	1996	3	3	2
Lili	2002	1	3	-
Katrina	2005	3	4	-
Wilma	2005	3	4	

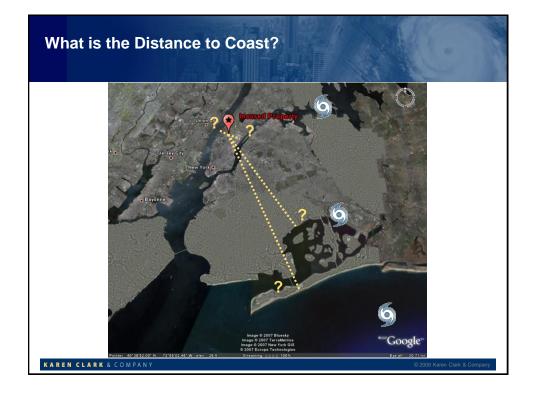


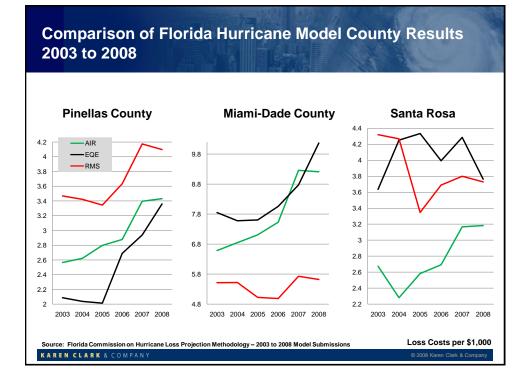
Comparison of 2007 Florida Hurricane Model Results for Long Term Models



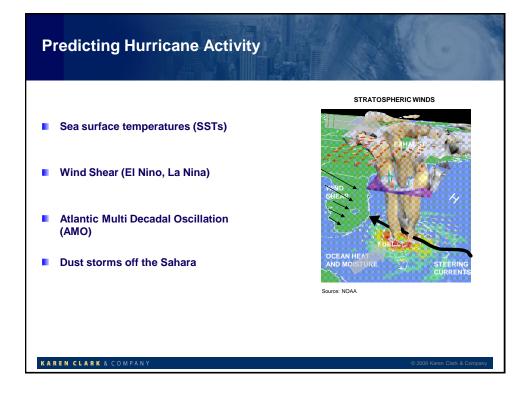
N	lodel Vendor	Gustav Industry Loss Estimate (\$B)	Ike Industry Loss Estimate (\$B)
А	NR.	2 – 4.5	8 to 12
Е	QE	6 - 10	8 to 18
R	RMS	3 - 7	6 to 16
С	Current PCS Estimate	2.1	11.5









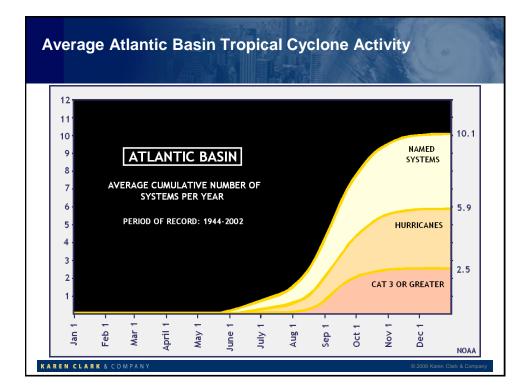


Atlantic Hurricane Predictions 2006

Agency	Forecast Date	Named Storms	Hurricanes	Major Hurricanes
NOAA	May 2006	13 – 16	8 – 10	4 – 6
NOAA	August 2006	12 - 15	7 - 9	3 - 4
CSU	April 2006	17	9	5
CSU	August 2006	15	7	3
TSR	April 2006	15.4	8.2	3.8
TSR	August 2006	15.9	7.9	3.5
Actual		10	5	2

NOAA – National Oceanic and Atmospheric Administration CSU – Colorado State University TSR – Tropical Storm Risk

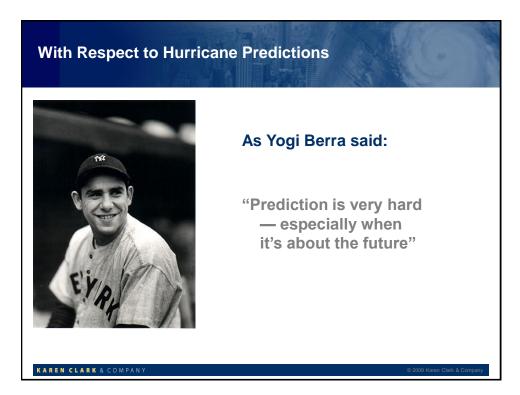
KAREN CLARK & COMPANY

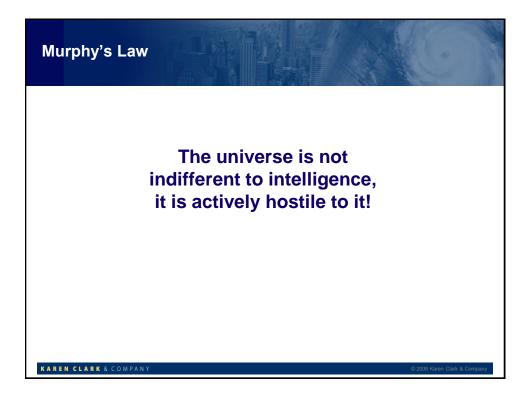


Atlantic Hurricane	Predictions 2007
---------------------------	-------------------------

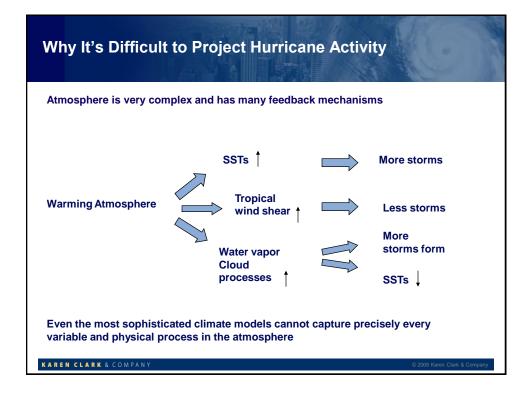
KAREN CLARK & COMPANY

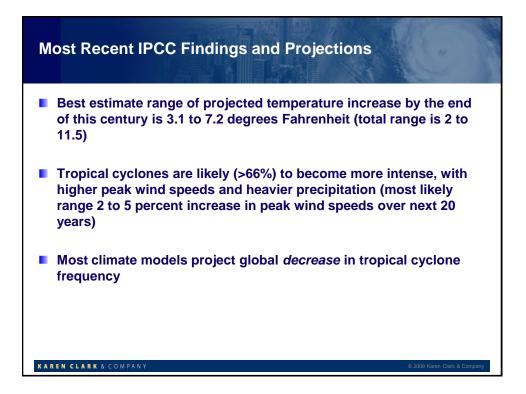
Agency	Forecast Date	Named Storms	Hurricanes	Major Hurricanes
NOAA	May 2007	13 – 17	7 – 10	3 - 5
NOAA	August 2007	13 – 16	7 – 9	3 - 5
CSU	April 2007	17	9	5
CSU	August 2007	13	8	4
TSR	April 2007	16.7	9.2	4.2
TSR	August 2007	14.7	7.8	3.5
Actual		15	6	2

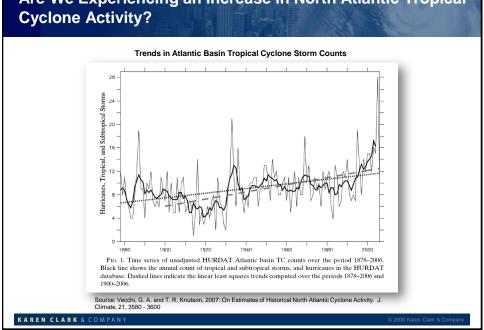


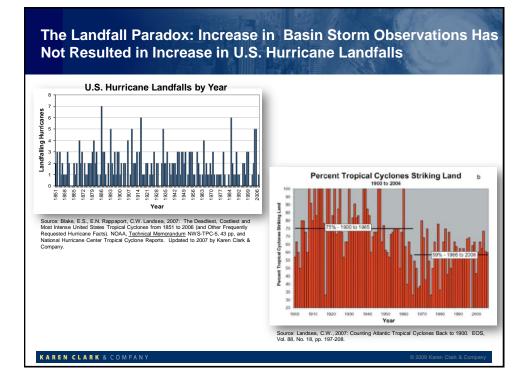


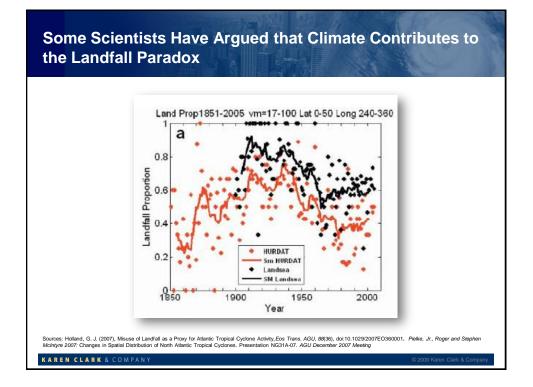
tlantic Hurr	icane Pred	ictions 20(8	6
Agency	Forecast Date	Named Storms	Hurricanes	Major Hurricanes
NOAA	May 2007	12 – 16	6 - 9	2 - 5
NOAA	August 2007	14 – 18	7 – 10	3 - 6
CSU	April 2007	15	8	4
CSU	August 2007	17	9	5
TSR	April 2007	14.8	7.8	3.5
TSR	August 2007	18.2	9.7	4.5
As of 1/2009		16	8	5
EN CLARK & COMPA	NY			© 2009 Karen Clark & C

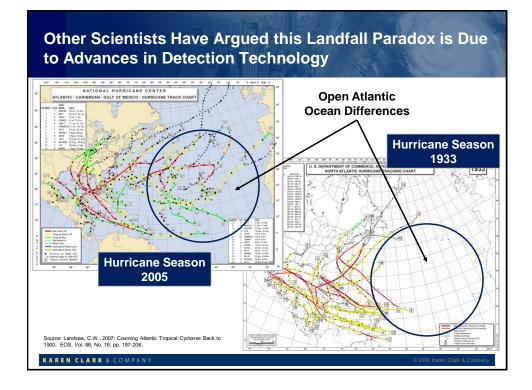












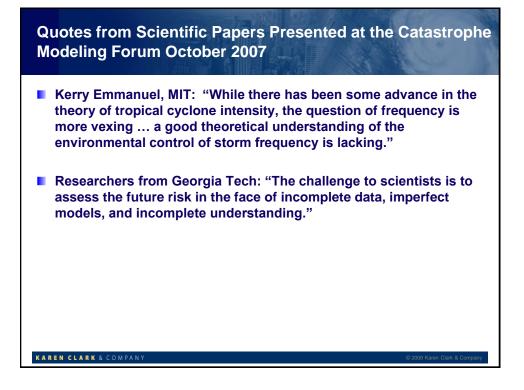


Table 1	Number of Atlantic H	urricanes				Number of At	tlantic Hurricanes 2006-2008	\$
			Near	Term Predic	tions	30		
	Long-Term Average	Actual	AIR	EQECAT	RMS	20		
2006	5.9	5	8.4	8.0	8.4	15		Long-Term Average
2007	5.9	6	6.8	8.0	8.4	10		
2008	5.9	8	6.8	8.1	8.4		5	
					25.2	5 tra	S S	
Total	17.7	19	22.0	24.1	25.2	yctros	AIR EGECAT RMS	
	II.7		canes			- U	E V V V V V V V V V V V V V V V V V V V	
	Number of U.S. Land	falling Hurri	canes Near	Term Predia	tions	0 U.S. Landfal		
			canes			0 U.S. Landfal		
Table 2	Number of U.S. Land	falling Hurri Actual	canes Near AIR	Term Predia EQECAT	tions RMS	0 V.S. Landfal		Long-Te Averag
Table 2 2006	Number of U.S. Land Long-Term Average 1.7	falling Hurri Actual O	canes Near AIR 2.4	Term Predic EQECAT 2.3	tions RMS 2.4	0 ¥	llingHurricanes 2006-2008	
Table 2 2006 2007	Number of U.S. Land Long-Term Average 1.7 1.7	falling Hurri Actual 0 1	canes Near AIR 2.4 2.0	Term Predic EQECAT 2.3 2.3	ctions RMS 2.4 2.4	US.Landfal		

Near Term Predictions40Long-Term AverageActualAIREQECATRMS10014.013.6142510011.613.51415	AIR EQECAT RMS 30
10 0 14.0 13.6 14 25 10 0 11.6 13.5 14 20 15 15	14.0 13.C 14 Average
10 0 11.6 13.5 14 15 15	
	116 135 14
10 13.3 11.6 13.7 14 10 3	11.6 13.7 14 10 5 5
<u>30 13.3 37.2 40.8 42</u>	37.2 40.8 42 o
*\$ Billions	

An Even More Surprising	Statistic		
The period 1998 to 2007	Year	# Landfalls	Loss (\$B)*
was an <i>average</i> period	1998	3	4.2
• •	1999	3	2.9
with respect to	2000	0	-
catastrophe model	2001	0	-
average annual loss estimates – even with 2004	2002	1	0.5
	2003	2	2
and 2005	2004	5	25.1
	2005	5	61.9
	2006	0	-
	2007	1	-
	Average	2.0	9.7
	Long-Term Average	1.8	10
			Source: III, PCS
	* Adjusted to 2007 dollars		
KAREN CLARK & COMPANY			© 2009 Karen Clark & Company

