ORGANIZATION OF AMERICAN STATES
Unit for Sustainable Development and the Environment
Needs Assessment for CDCM Training Program

## APPENDIX A

Figures



**FIGURE 1:** Map of Eastern Caribbean Showing the Location of the Participating Countries of Antigua and Barbuda, Dominica, Grenada and St. Lucia.

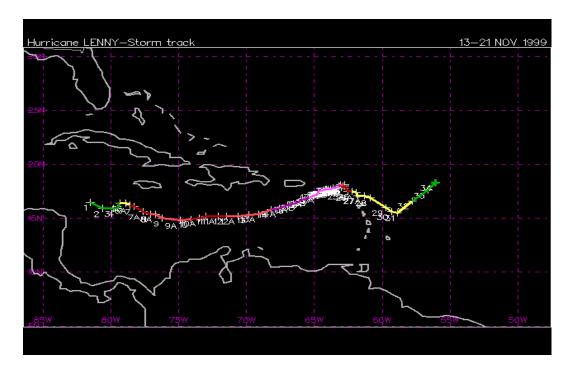
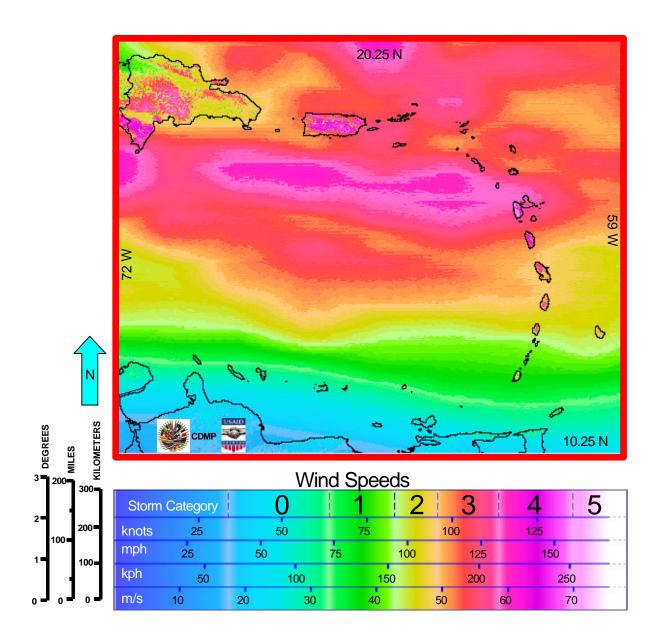
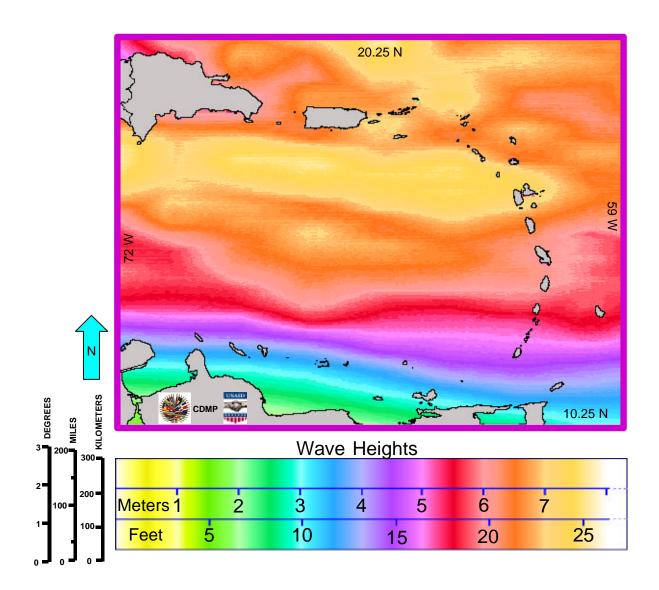


FIGURE 2: Track of Hurricane Lenny, November 1999 from Unisys Weather Services.



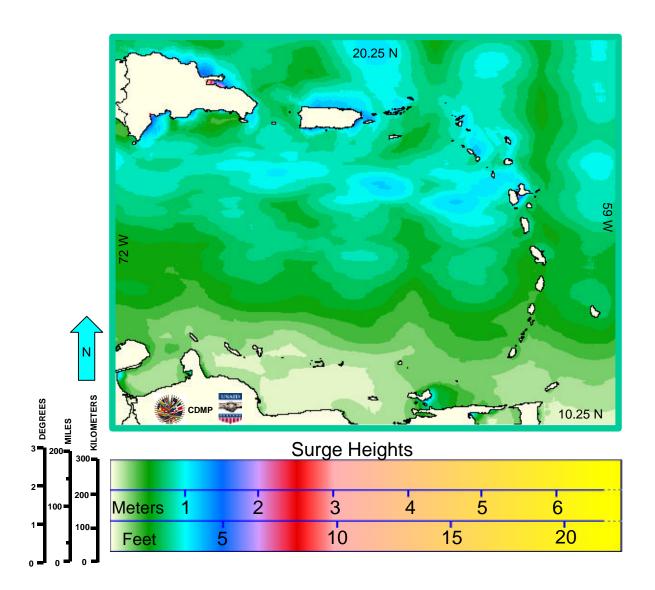
**FIGURE 3:** 1 in 100 Year Maximum Expected Steady Wind Speeds in Eastern Caribbean based on an analysis of 116 years of data by Watson Technical Services using the TAOS numerical model.

Data does not include 1999 and later, and so Hurricane Lenny is not included.



**FIGURE 4:** 1 in 100 Year Maximum Expected Significant Wave Heights in Eastern Caribbean based on an analysis of 116 years of data by Watson Technical Services using the TAOS numerical model.

Data does not include 1999 and later, and so Hurricane Lenny is not included.



**FIGURE 5:** 1 in 100 Year Maximum Expected Storm Surge in Eastern Caribbean based on an analysis of 116 years of data by Watson Technical Services using the TAOS numerical model.

Data does not include 1999 and later, and so Hurricane Lenny is not included.

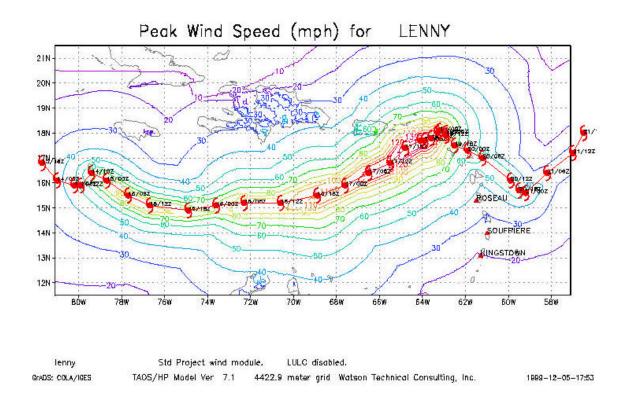
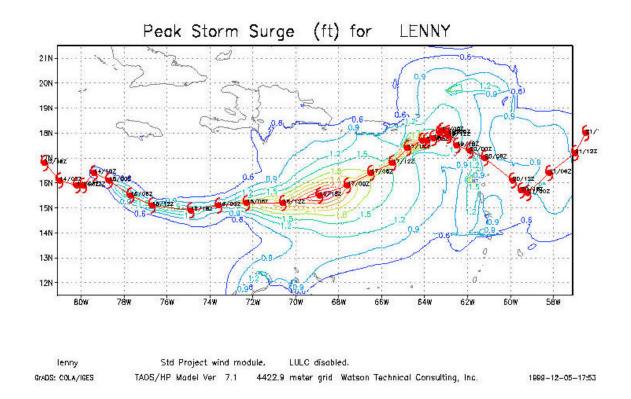
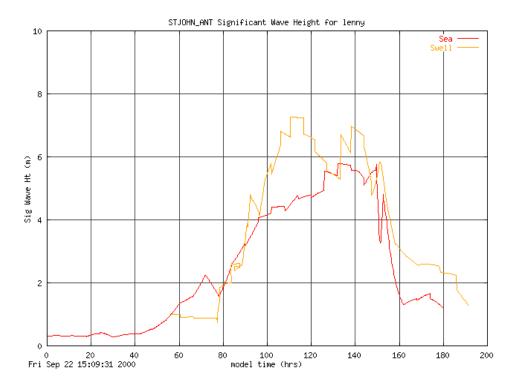


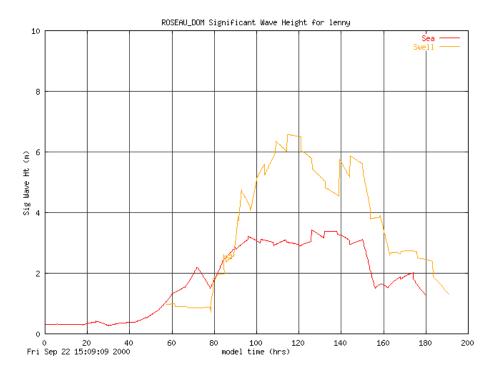
FIGURE 6: Maximum Steady Wind Speeds Generated during Hurricane Lenny based on an analysis by Watson Technical Services using the TAOS numerical model.



**FIGURE 7:** Maximum Storm Surge Generated during Hurricane Lenny based on an analysis by Watson Technical Services using the TAOS numerical model.

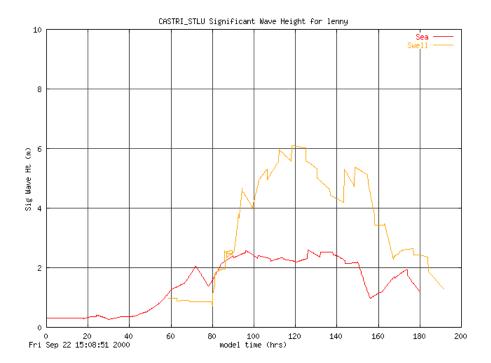


**FIGURE 8:** Maximum Significant Wave Heights Generated by Hurricane Lenny near Antigua and Barbuda based on an analysis by Watson Technical Services using the TAOS numerical model.

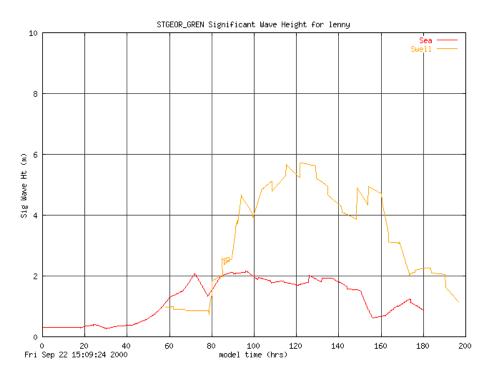


**FIGURE 9:** Maximum Significant Wave Heights Generated by Hurricane Lenny near Dominica based on an analysis by Watson Technical Services using the TAOS numerical model.

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**FIGURE 10:** Maximum Significant Wave Heights Generated by Hurricane Lenny near St. Lucia - Castries based on an analysis by Watson Technical Services using the TAOS numerical model.



**FIGURE 11:** Maximum Significant Wave Heights Generated by Hurricane Lenny near Grenada based on an analysis by Watson Technical Services using the TAOS numerical model.

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