

FLORIDA SEA GRANT COLL PROG
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SEDIMENT DATA FOR FLORIDA'S EAST COAST

by

**Lynda Charles
Subarna B. Malakar
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August 30, 1994

Prepared for:

**Florida Sea Grant Program
University of Florida
Gainesville, FL 32611-0400**



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**UNIVERSITY OF
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TABLE OF CONTENTS

	<u>Page</u>
1.0 <u>INTRODUCTION</u> -----	1
2.0 <u>RESULTS</u> -----	1
2.1 <u>Plots of Sediment Size Distribution</u> -----	1
2.2 <u>Tabulation of Sediment Data</u> -----	2
 <u>LIST OF FIGURES:</u>	
	<u>Page</u>
Figure 1 Nassau County. Distribution of Median Sediment Sizes -----	3
Figure 2 Nassau County. Contoured Depths and Median Sediment Sizes -----	4
Figure 3 East Coast of Florida. Contoured Depths Median Sediment Sizes -----	6
Figure 4 East Coast of Florida. Distribution of Median Sediment Size @ 0m Depth -----	7
Figure 5 East Coast of Florida. Distribution of Sediment Size @ all Depths -----	8
Figure 6 Plots of County by County Average Sediment Size Values and of the Entire East Coast of Florida for Selected Water Depths -----	10
 <u>LIST OF TABLES:</u>	
Table 1 Survey Dates of DNR Profiles for Each of the East Coast Counties Used for Contouring Depths -----	5
Table 2 Average Sediment Size Values Computed for Each East Coast Florida County and for the Entire East Coast for Selected Water Depths -----	9
Table 3 Sediment Distribution Data for Nassau County -----	11
 <u>APPENDIX A</u> Plots of Raw Sediment Data for all East Coast Florida Counties	
 <u>APPENDIX B</u> Plots of Contoured Sediment Size Data Along With Depth Contours for all East Coast Florida	
 <u>APPENDIX C</u> Longshore Distribution of Median Sediment Sizes for the East Coast of Florida for Various Nominal Depths	
 <u>APPENDIX D</u> Tabulation of Sediment Data for all East Coast Florida Counties. (Tabulations Include DNR Range Number, Sample Location, Depth and Median Sediment Size)	

1.0 INTRODUCTION

This report presents the analysed results of sand samples taken at depths ranging from mean sea level to approximately 9.1 meters depth from the nearshore coastal waters extending from Nassau County to Dade County off the East Coast of Florida. Each sand sample was taken along a profile bearing for selected Department of Environmental Protection (DEP), (formerly the Department of Natural Resources (DNR)) monuments. (Sediment Data for Martin County are not available for this report period). Computations and the generation of graphs were carried out on a personal computer using the Plot88 graphics software and Microsoft Fortran compiler.

For those results presented in this report that are fairly voluminous, an example of each type of presentation will be included in the main body of this report and the complete results will be organized as appendixes.

2.0 RESULTS

2.1 Plots of Sediment Size Distribution

The distribution of median sediment size are presented in several types of plots.

These are:

- (1) Raw data on a county by county basis, an example of which is presented as Figure 1 for Nassau County and plots for all counties are presented in Appendix A, as Figures A-1 through A-12,
- (2) Contoured sediment size data along with depth contours, an example of which is presented as Figure 2 for Nassau County and plots

for all counties are presented in Appendix B as Figures B-1 through B-12. Note that in developing these contoured plots, anomalous values circled in the Appendix A plots have not been included. The survey data forming the basis of all depth contours presented in this report are presented in Table 1,

- (3) Contoured sediment size data and depth contours for the entire east coast of Florida is presented in Figure 3,
- (4) Longshore distribution of median sediment sizes are presented for the east coast of Florida at various nominal depths (0, 0.9, 1.8, 3.7, 5.5, 7.3 and 9.1 m). An example of this type of plot is presented as Figure 4 for Nassau County and plots for all depths are presented in Appendix C as Figures C-1 through C-7,
- (5) Longshore distribution of sediment size for all depths noted above for the east coast of Florida, is presented as Figure 5, and
- (6) County sediment size averages for various depths, are presented in Table 2, and in Figure 6.

2.2 Tabulations of Sediment Data

The sediment data are tabulated in the form shown in Table 3 as an example for Nassau County. This type result is presented in Appendix D for all Counties in Tables D-1 through D-12.

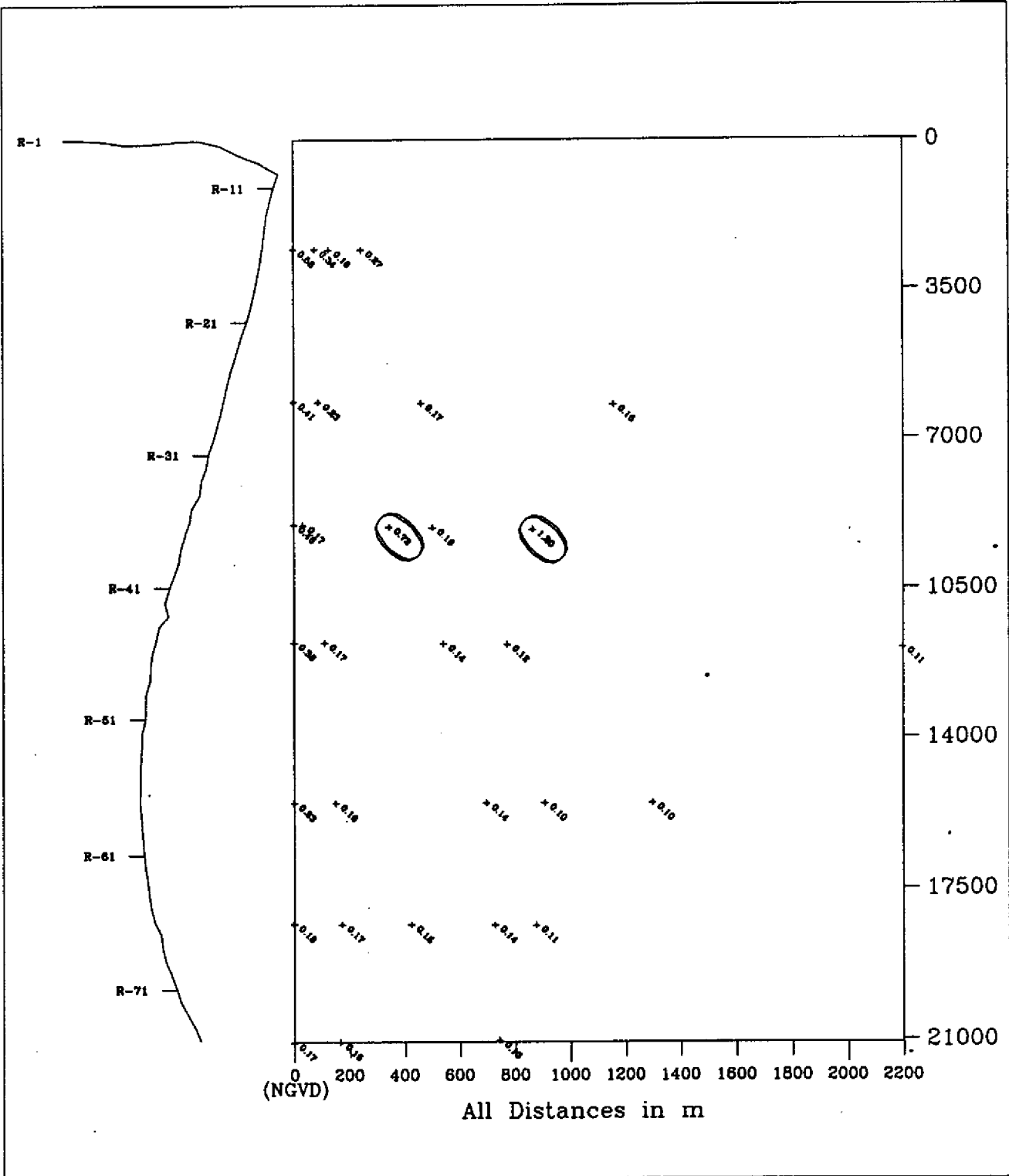


Figure 1: Nassau County.
 Distribution of Median Sediment Sizes (in mm). Circled Values are Outliers That are Deleted in the Contoured Representation.

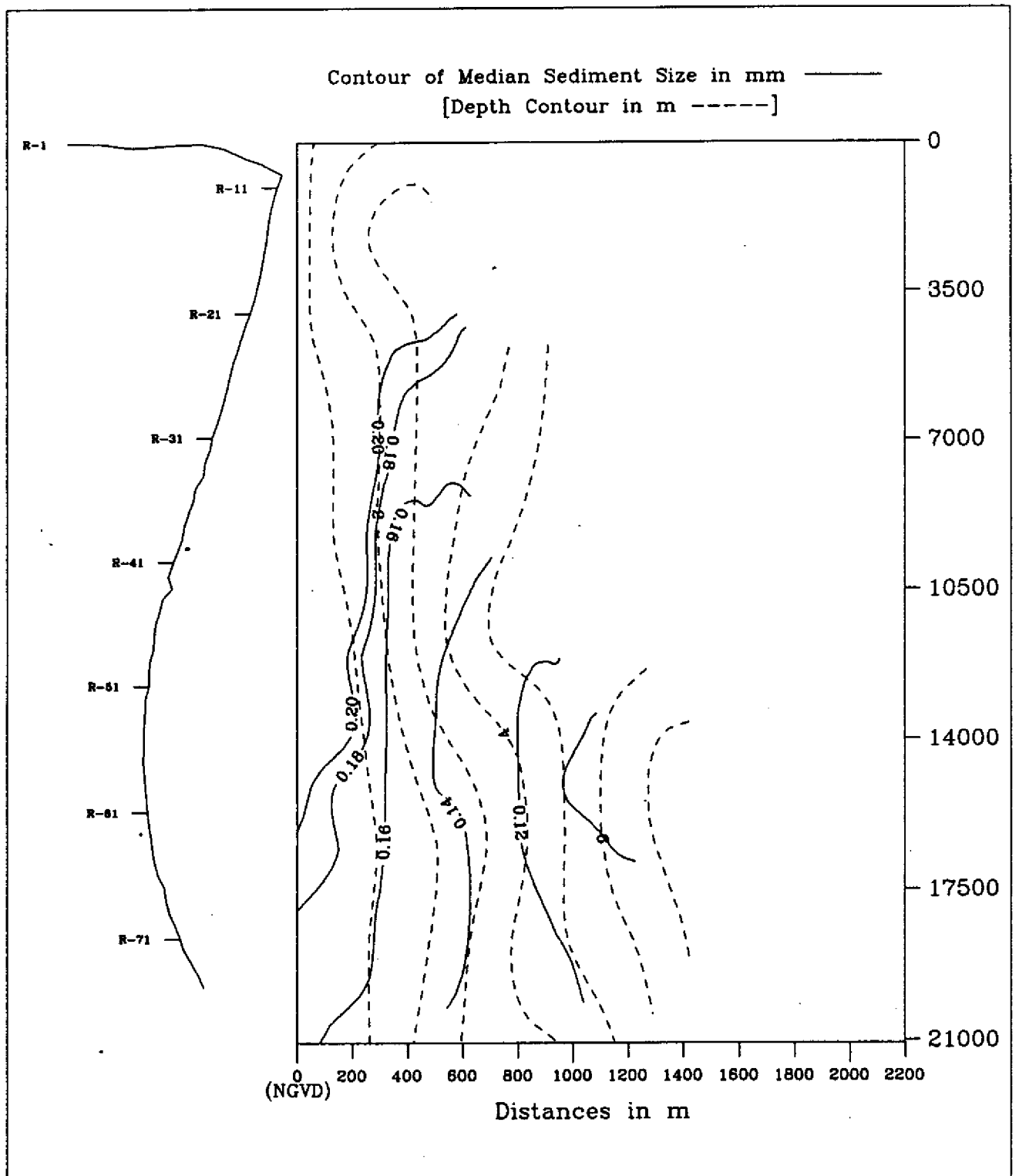


Figure 2: Nassau County.
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

Table 1: Survey Dates of DNR Profiles for Each of the East Coast Counties Used for Contouring Depths

Nassau	Oct 28, 1981 - Sep 22, 1981
Duval	Apr 12, 1990 - May 11, 1990
St. Johns	Jul 15, 1986 - Sep 12, 1986
Flagler	Mar 12, 1986 - Jan 30, 1987
Volusia	Jun 24, 1988 - Jul 9, 1988
Brevard	Aug 27, 1985 - Jul 3, 1986
Indian River	Jun 12, 1986 - Jun 24, 1986
St. Lucie	Nov 4, 1986 - Jan 28, 1987
Martin	Feb 16, 1982 - Apr 16, 1982
Palm Beach	Jul 11, 1990 - Oct 17, 1990
Broward	Apr 12, 1979 - Apr 23, 1980
Dade	Mar 12, 1980 - Oct 23, 1980

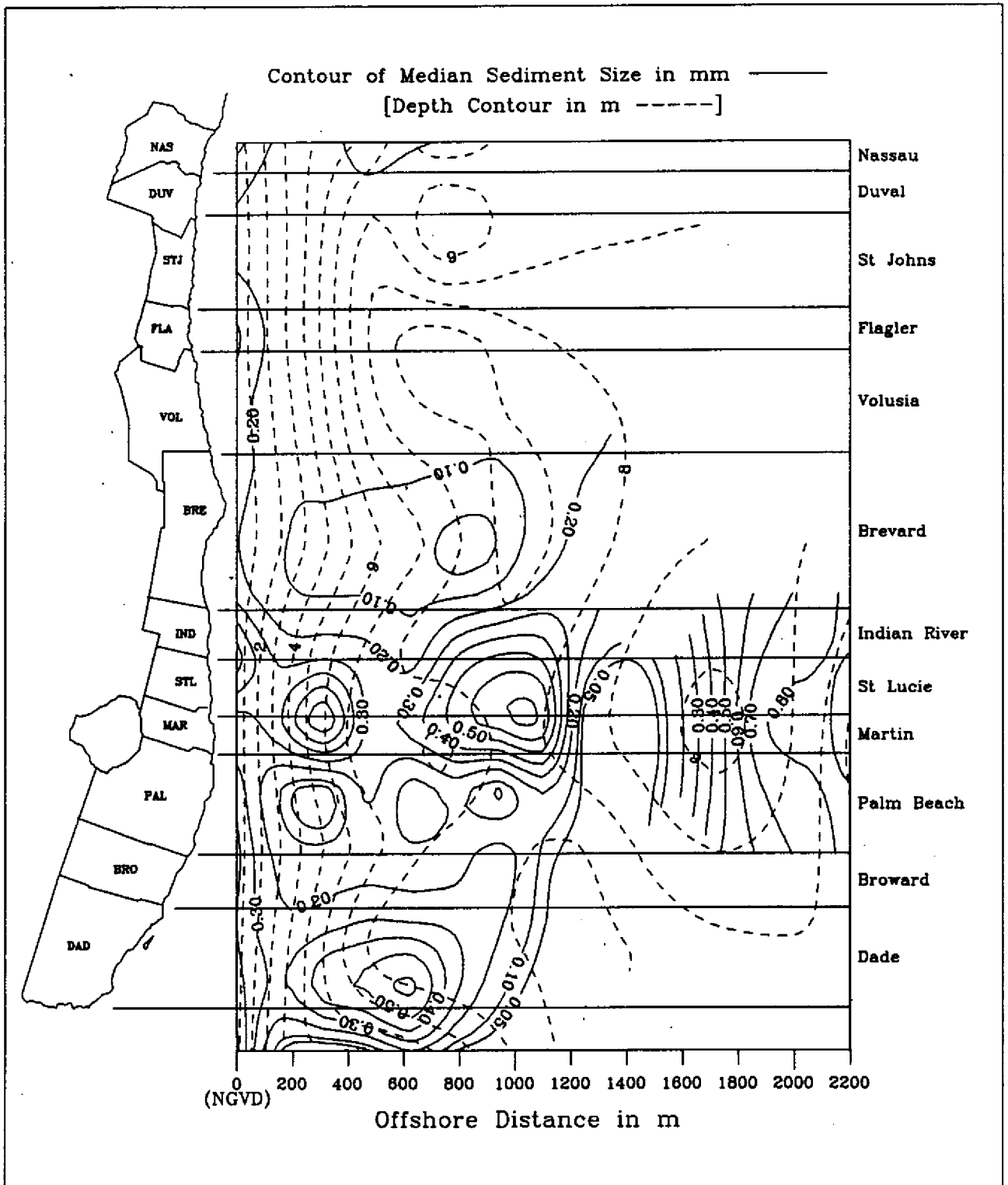


Figure 3: East Coast of Florida.
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

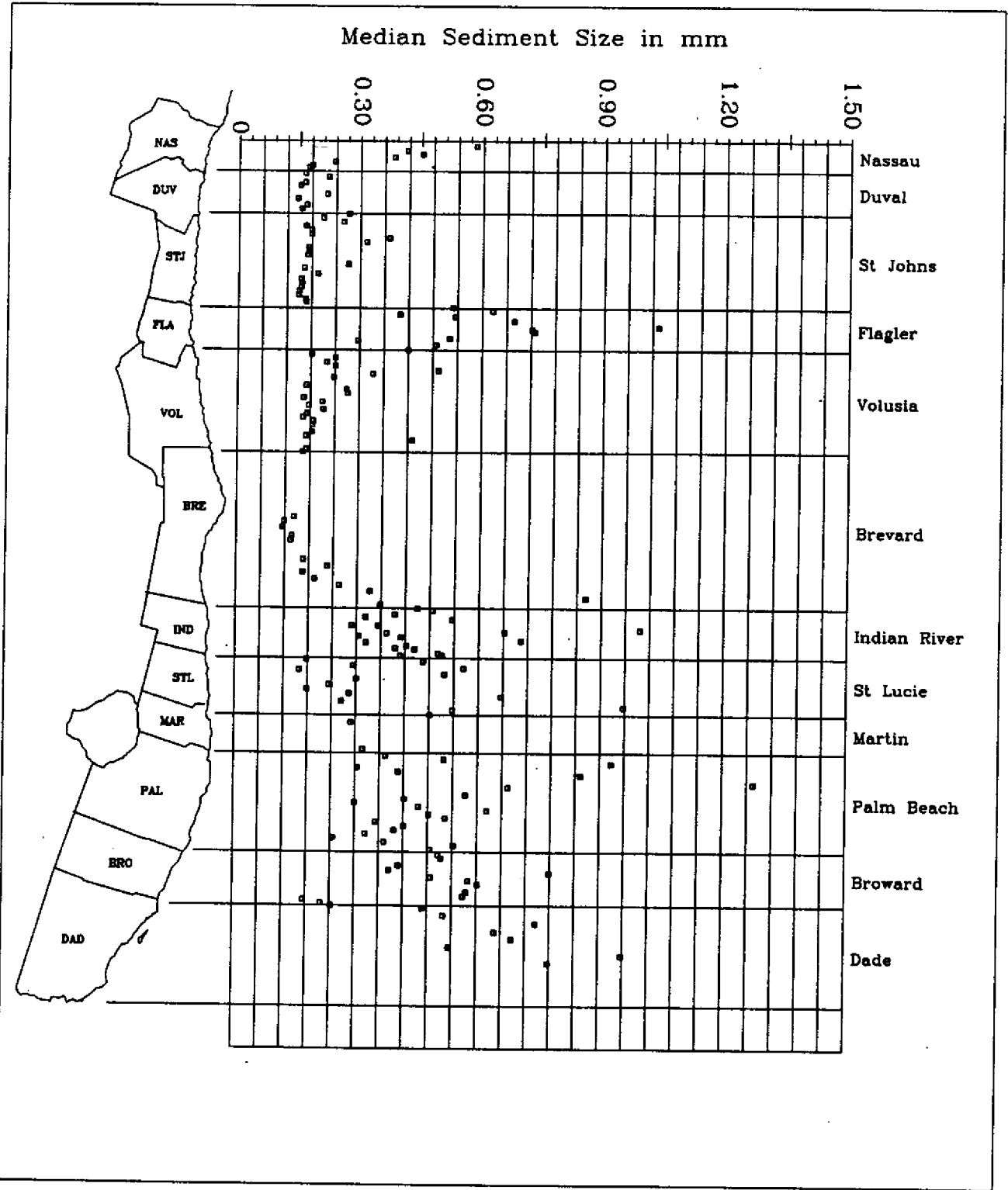


Figure 4: East Coast of Florida.
 Distribution of Median Sediment Size @ 0.0 m Depth.

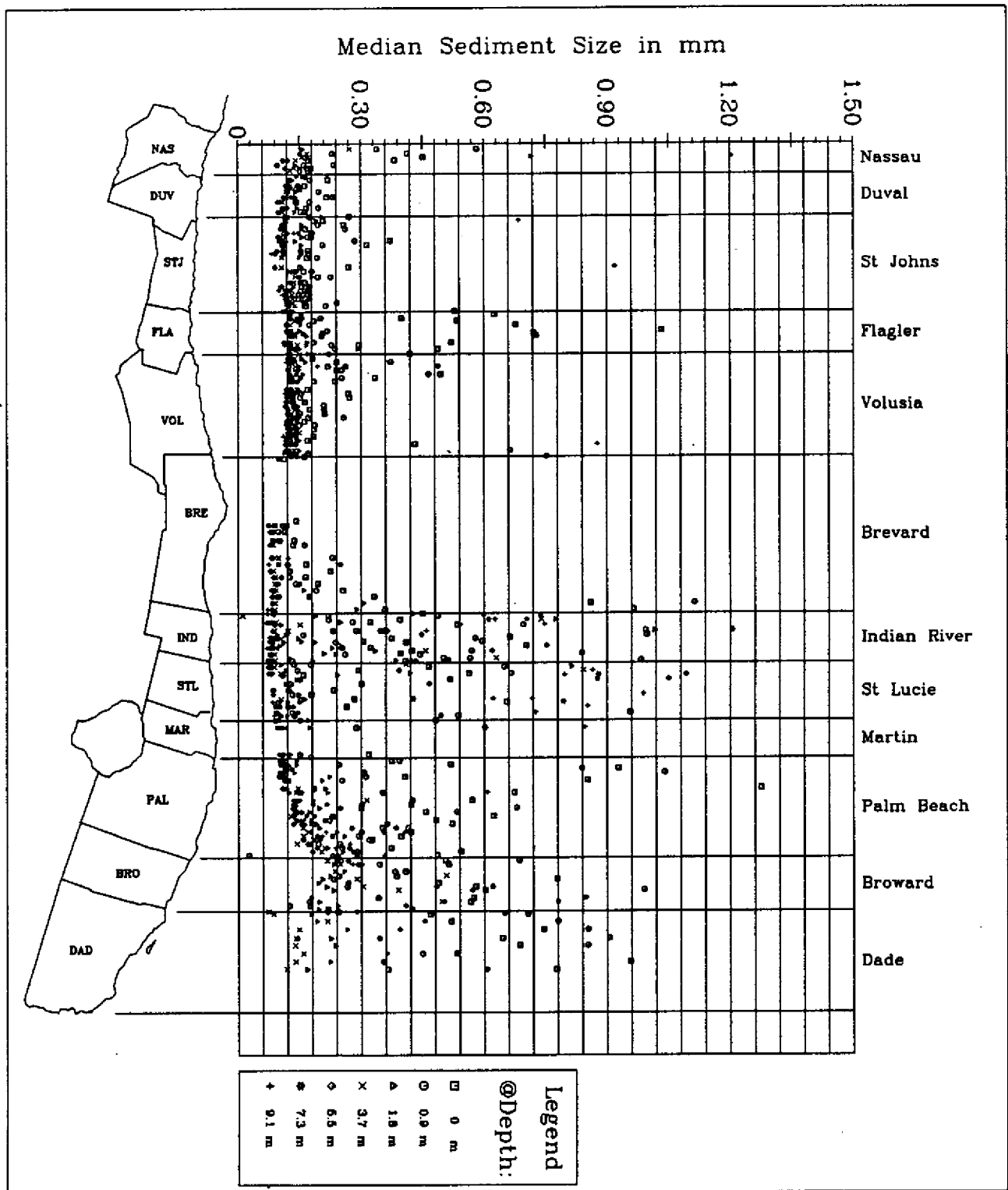


Figure 5: East Coast of Florida.
Distribution of Median Sediment Size.

Table 2: Average Sediment Size Values (in mm) Computed for Each East Coast Florida County and for the Entire East Coast for Selected Water Depths. Integers in Parenthesis are Number of Data Averaged.

DEPTH	NAS	DUV	STJ	FLA	VOL	BRE	IND	STL	MAR	PAL	ERO	DAD	EAST COAST
0 m	.346 (7)	.172 (8)	.214 (22)	.586 (11)	.228 (23)	.330 (23)	.493 (12)	.387 (13)	.303 (2)	.515 (23)	.464 (13)	.666 (8)	.365 (157)
0.9m	.199 (7)	.177 (9)	.191 (21)	.201 (11)	.253 (21)	.384 (22)	.391 (12)	.131 (13)	.309 (3)	.368 (23)	.361 (13)	.659 (8)	.280 (155)
0.8m	.290 (4)	.140 (9)	.160 (22)	.172 (12)	.145 (25)	.373 (13)	.249 (12)	.141 (13)	.149 (2)	.192 (25)	.222 (13)	.230 (8)	.195 (150)
3.7m	.168 (6)	.130 (9)	.122 (23)	.140 (11)	.138 (25)	.090 (24)	.306 (9)	.250 (7)	.112 (3)	.160 (22)	.307 (9)	.143 (8)	.157 (148)
5.5m	.338 (5)	.120 (9)	.159 (20)	.126 (9)	.126 (25)	.085 (23)	.363 (9)	.387 (11)	.101 (2)	.169 (23)	.503 (8)	.449 (5)	.193 (144)
7.3m	.103 (2)	.112 (4)	.109 (17)	.128 (12)	.138 (24)	.138 (24)	.313 (8)	.392 (11)	.102 (2)	.179 (23)	.490 (4)	.344 (1)	.181 (131)
9.1m	-	-	.156 (13)	.130 (11)	.157 (24)	.082 (15)	.608 (4)	.529 (10)	.846 (1)	.193 (21)	.278 (1)	-	.214 (100)

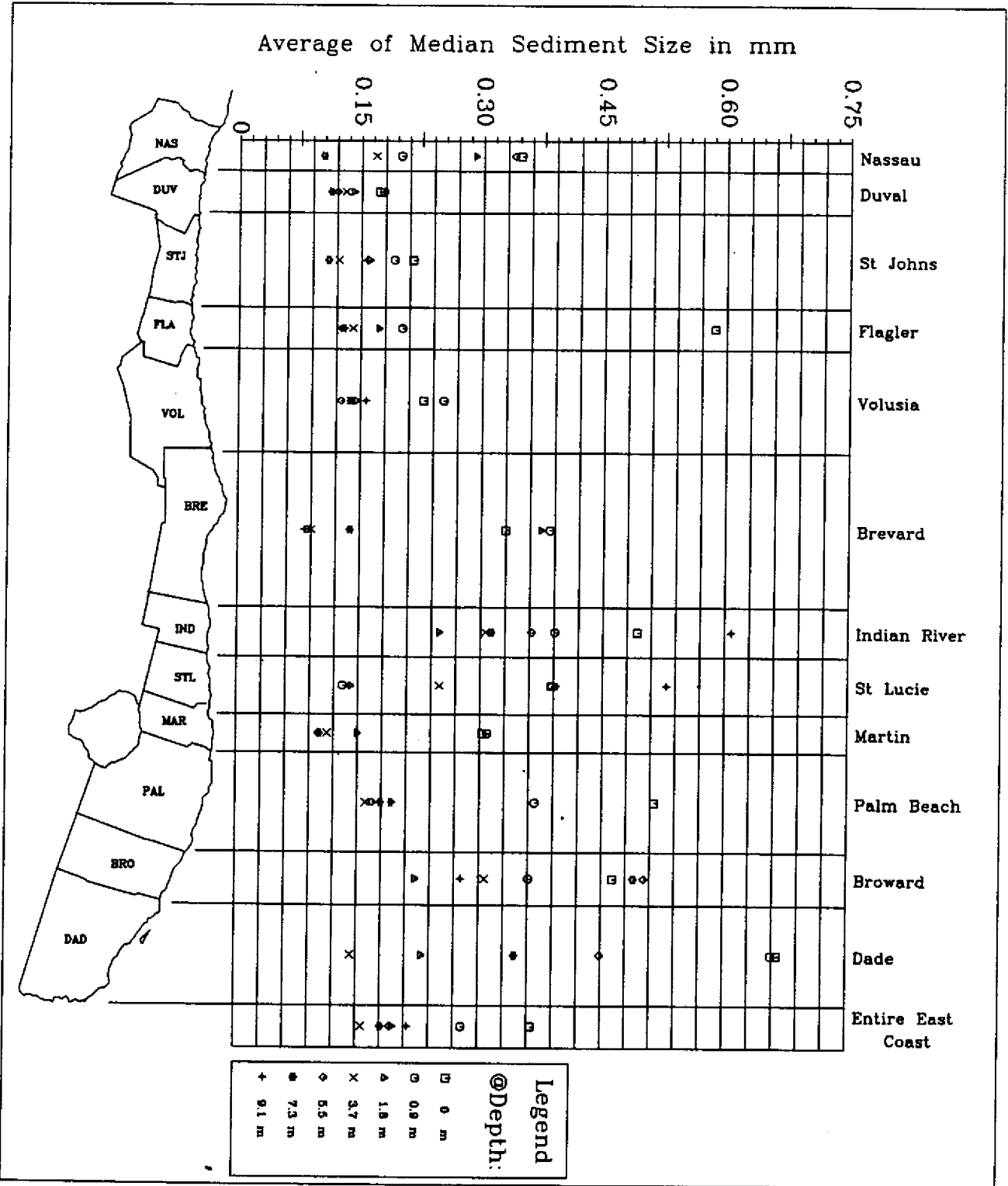


Figure 6: Plots of County by County Average Sediment Size Values and of the Entire East Coast of Florida for Selected Water Depths

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-15	111358.60	703769.70	.00	.5836
R-15	111383.80	703765.30	.91	.3397
R-15	111400.50	703762.30	1.83	.1566
R-15	111438.20	703755.60	3.66	.2731
R-27	110889.10	700375.10	.00	.4145
R-27	110918.00	700370.10	.91	.2303
R-27	111039.30	700348.60	3.66	.1698
R-27	111265.80	700308.70	5.49	.1511
R-36	110472.70	697660.20	.00	.4517
R-36	110483.60	697656.30	.91	.1651
R-36	110585.10	697619.30	1.83	.7152
R-36	110636.60	697600.60	3.66	.1566
R-36	110754.60	697557.60	5.49	1.2033
R-45	110072.80	695071.50	.00	.3833
R-45	110108.90	695065.20	.91	.1726
R-45	110249.50	695040.40	3.66	.1418
R-45	110324.70	695027.10	5.49	.1220
R-45	110788.20	694945.40	7.32	.1105
R-57	109879.00	691540.60	.00	.2253
R-57	109928.10	691540.60	.91	.1613
R-57	110106.10	691540.60	1.83	.1391
R-57	110174.80	691540.60	5.49	.0984
R-57	110301.60	691540.60	7.32	.0959
R-66	110051.40	688891.80	.00	.1793
R-66	110107.90	688886.90	.91	.1688
R-66	110189.60	688879.80	1.83	.1501
R-66	110288.40	688871.10	3.66	.1373
R-66	110337.00	688866.90	5.49	.1149
R-72	110360.60	687168.30	.00	.1717
R-72	110415.10	687177.80	.91	.1520
R-72	110602.50	687210.90	3.66	.1283

Table 3: Sediment Distribution Data for Nassau County
*Depths are Relative to NGVD

APPENDIX A

Plots of Raw Sediment Data for all East Coast Florida Counties

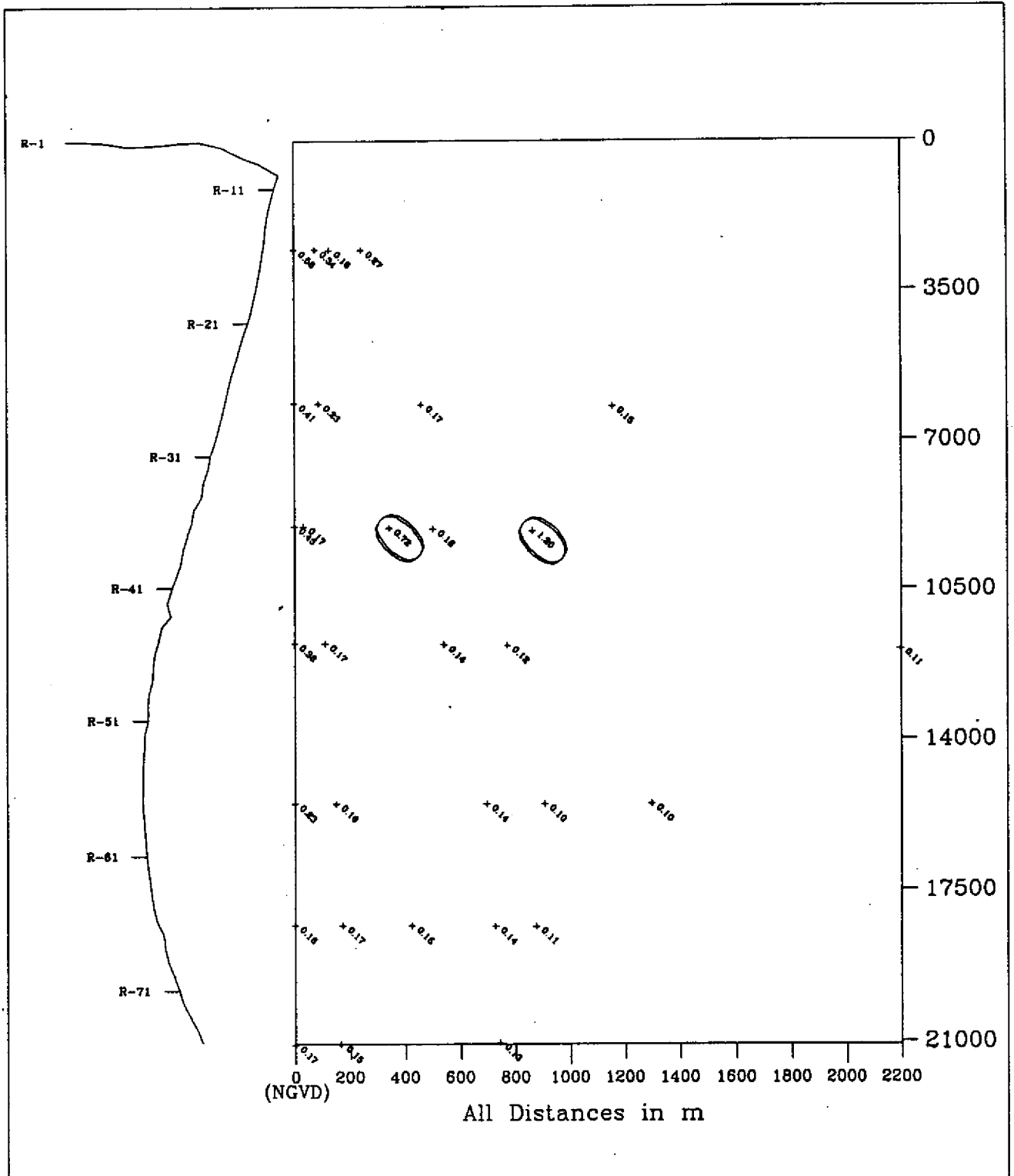


Figure A-1 : Nassau County.
 Distribution of Median Sediment Sizes (in mm). Circled Values are Outliers That are Deleted in the Contoured Representation.

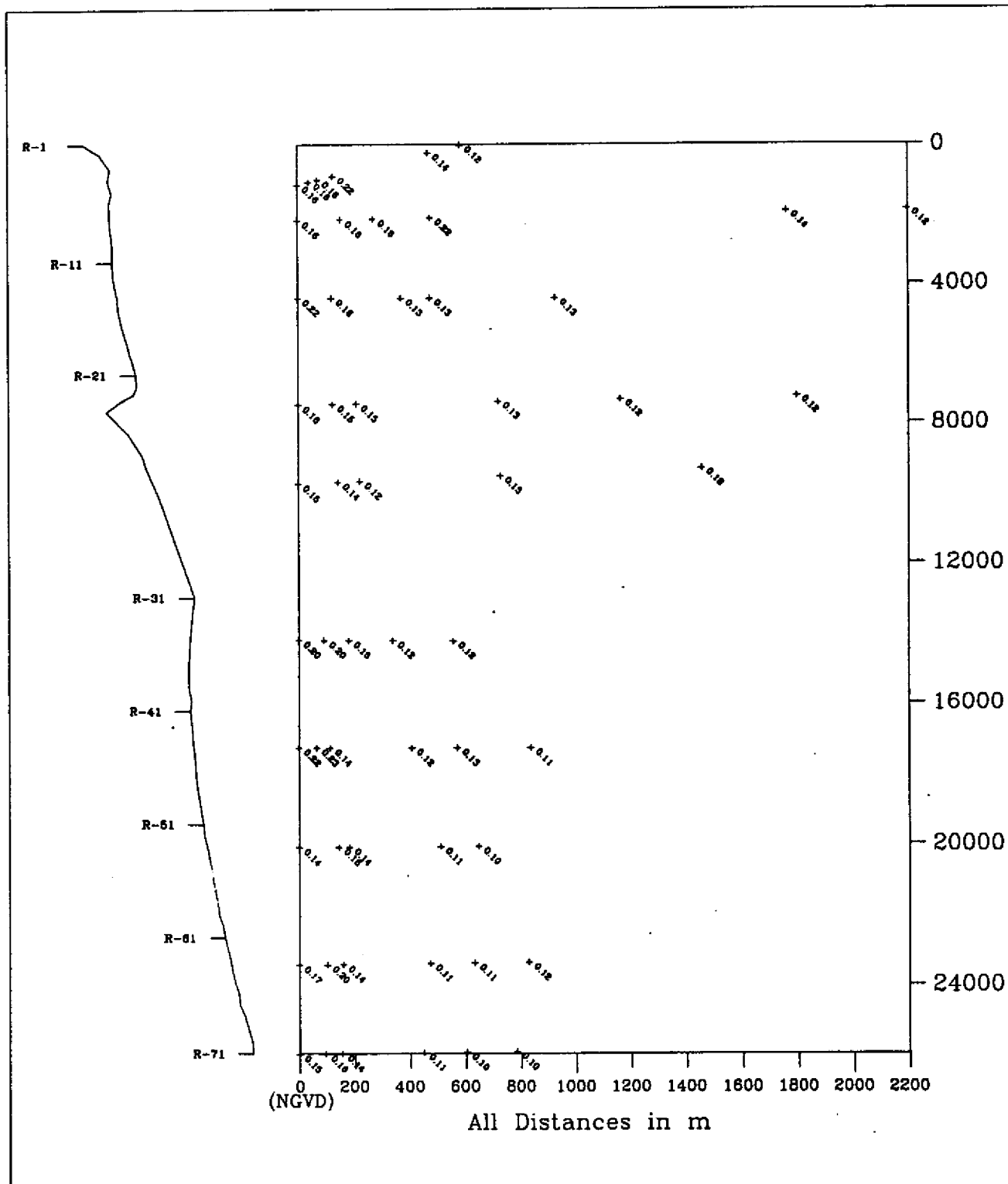


Figure A-2 : Duval County.
 Distribution of Median Sediment Sizes (in mm): Circled Values
 are Outliers That are Deleted in the Contoured Representation.

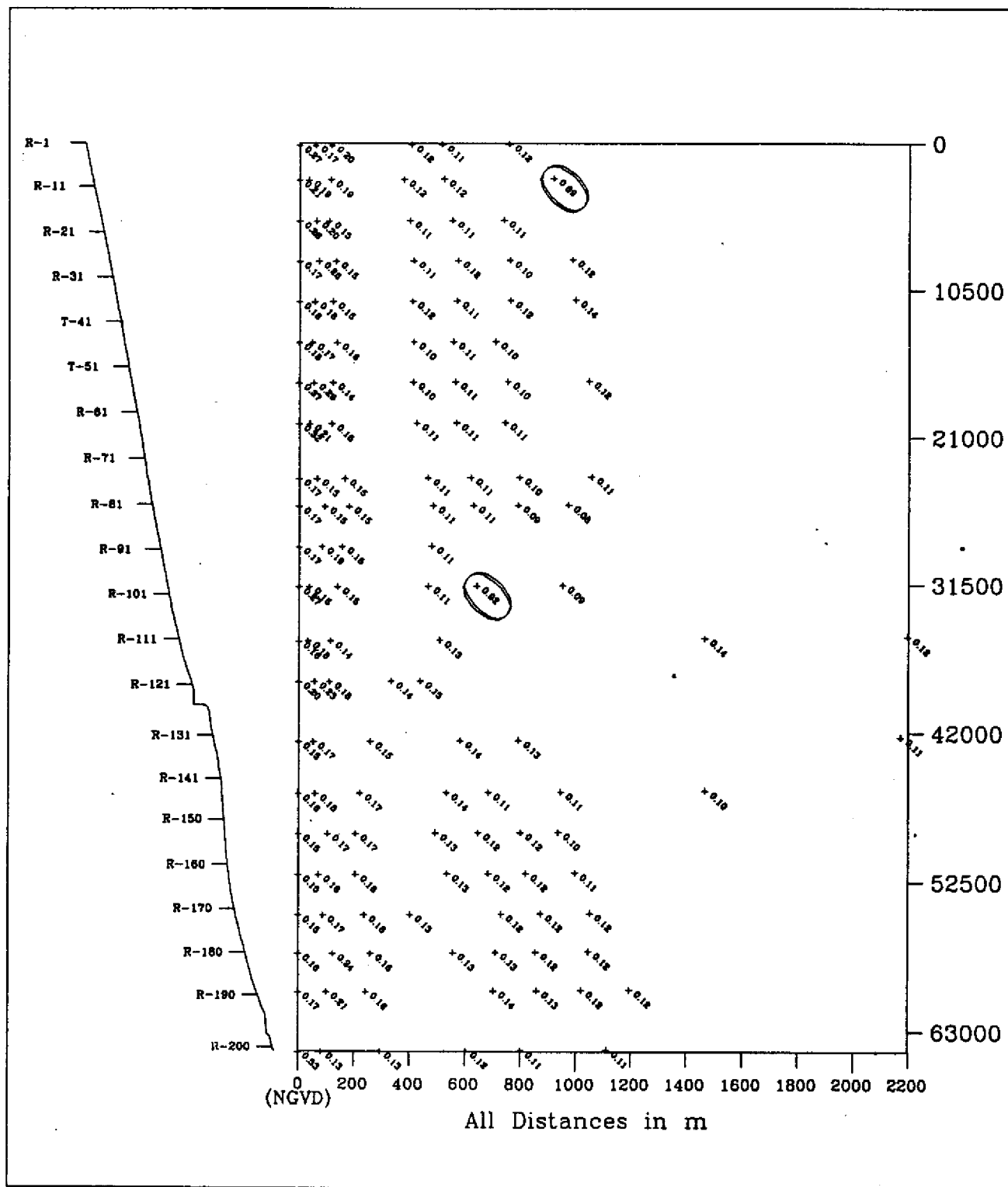


Figure A-3 : St.Johns County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

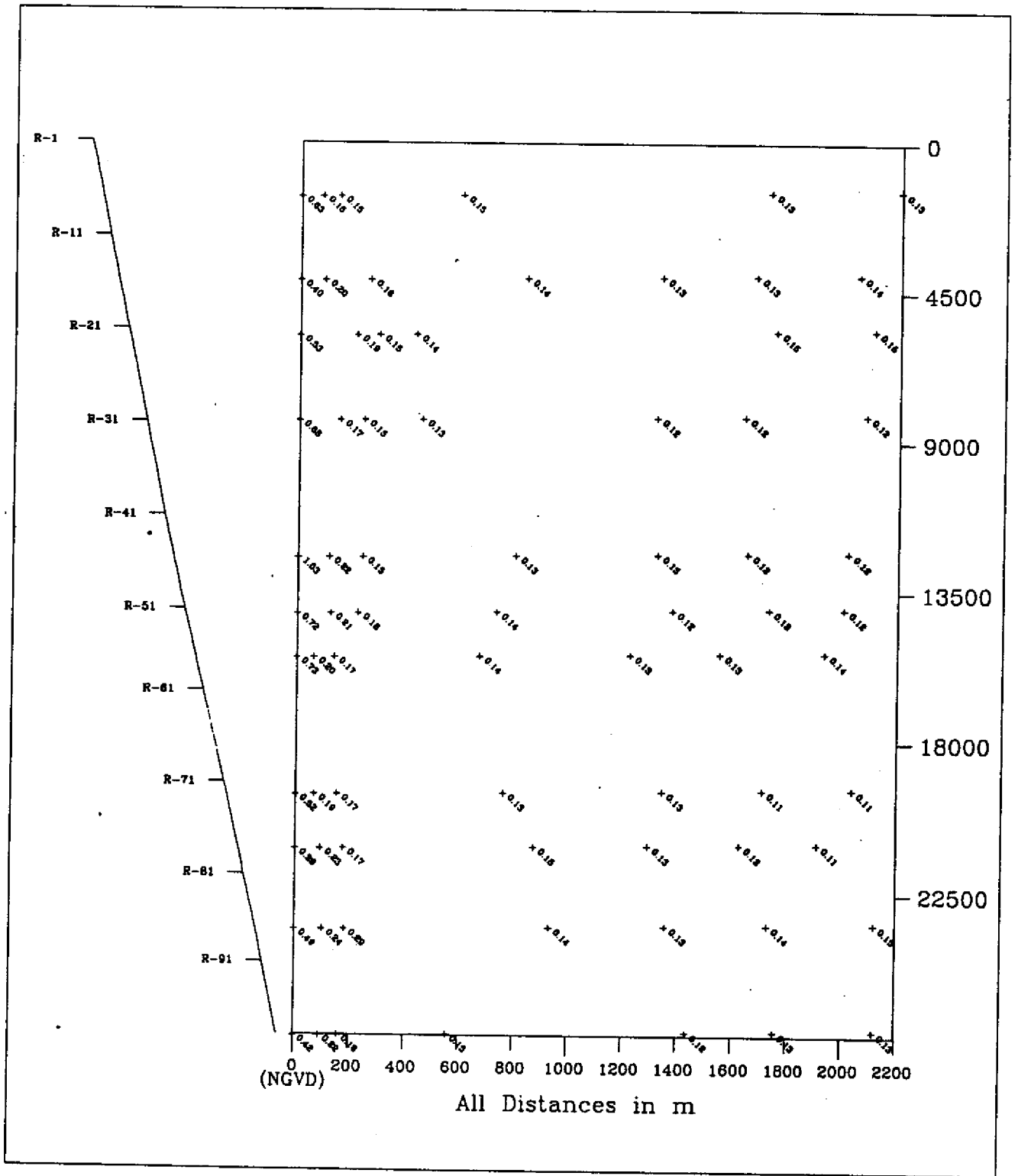


Figure A-4 : Flagler County
 Distribution of Median Sediment Sizes (in mm). Circled Values are Outliers That are Deleted in the Contoured Representation.

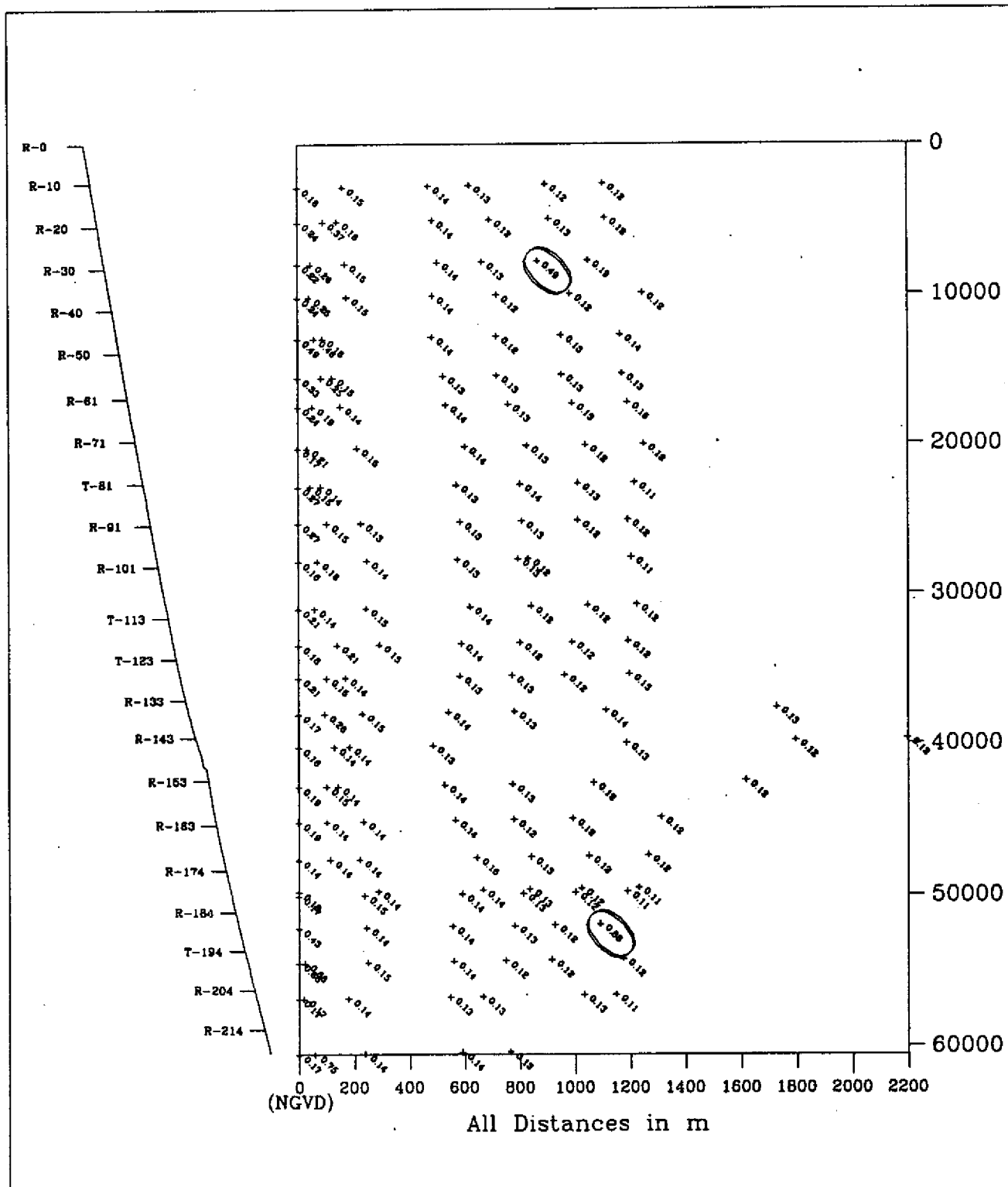


Figure A-5 : Volusia County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

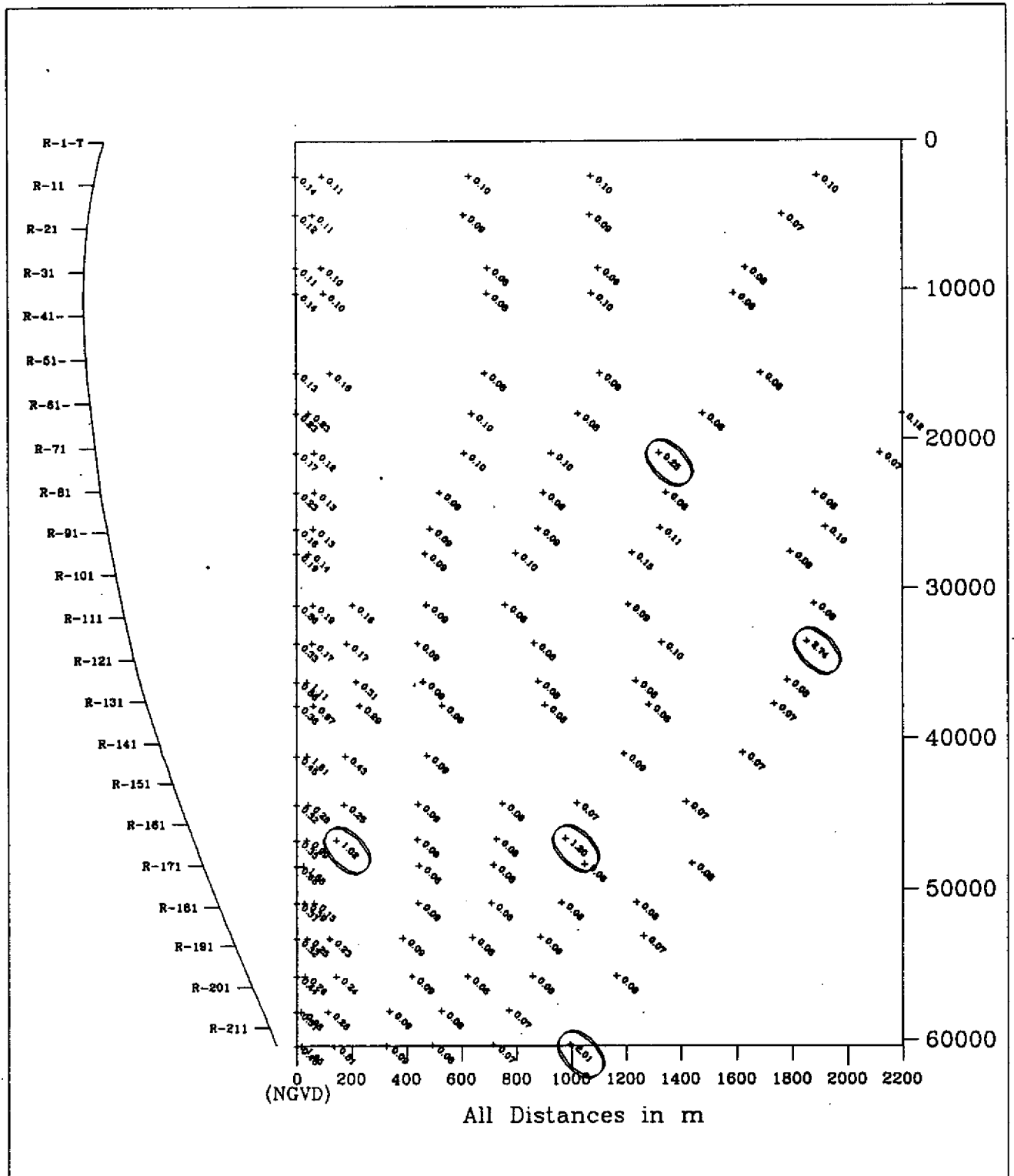


Figure A-6 : Brevard County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

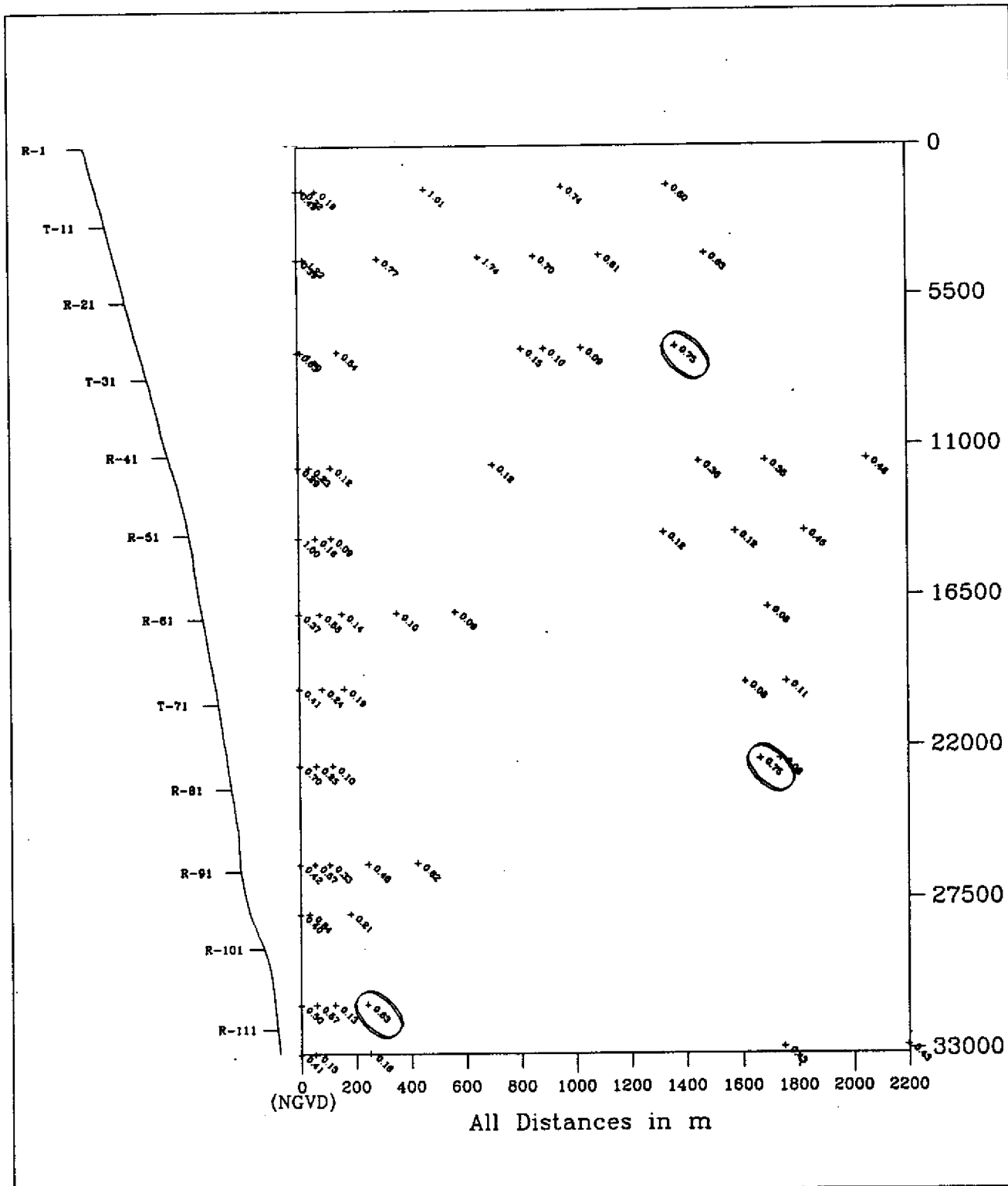


Figure A-7 : Indian River County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

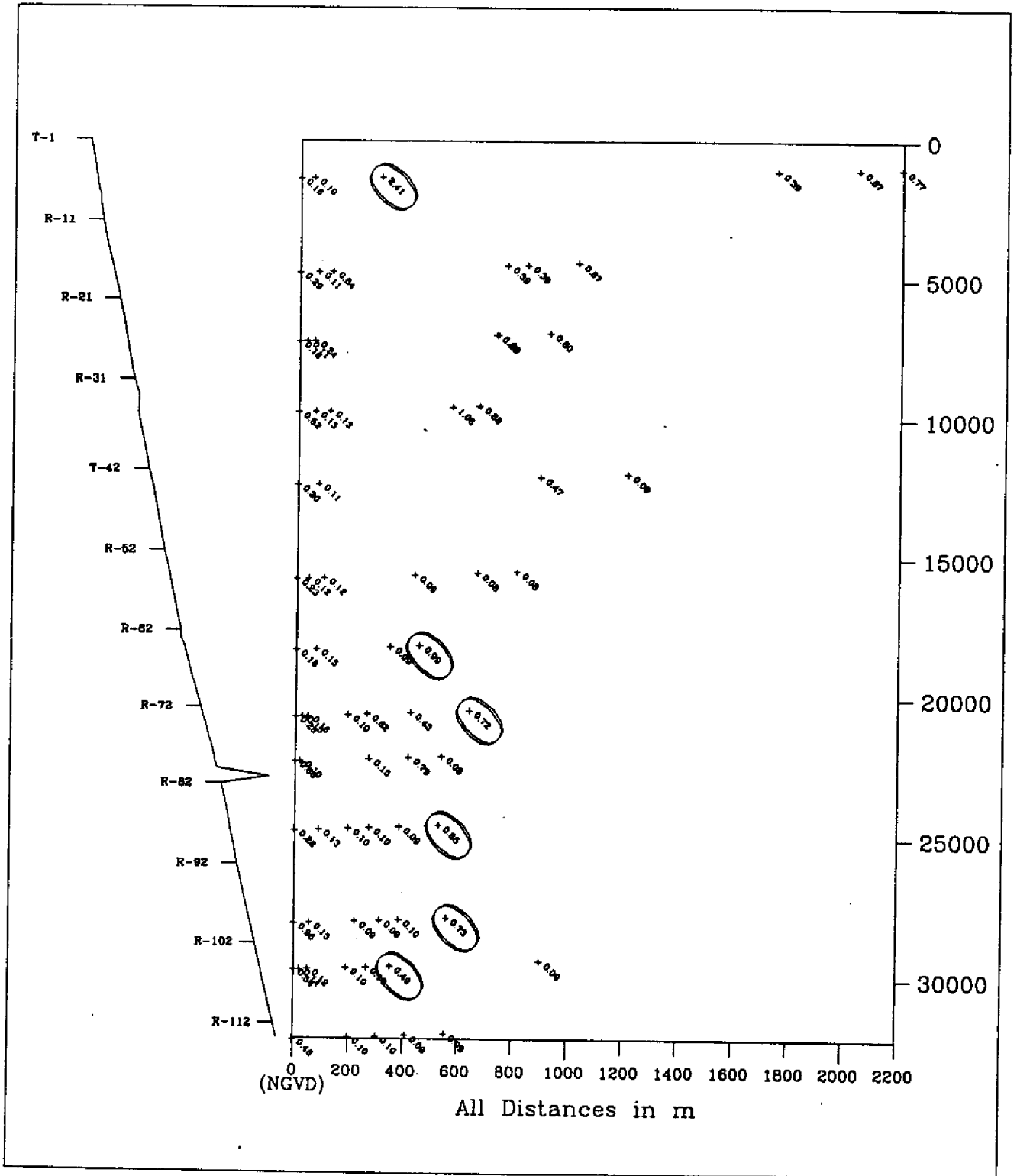


Figure A-8 : St.Lucie County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

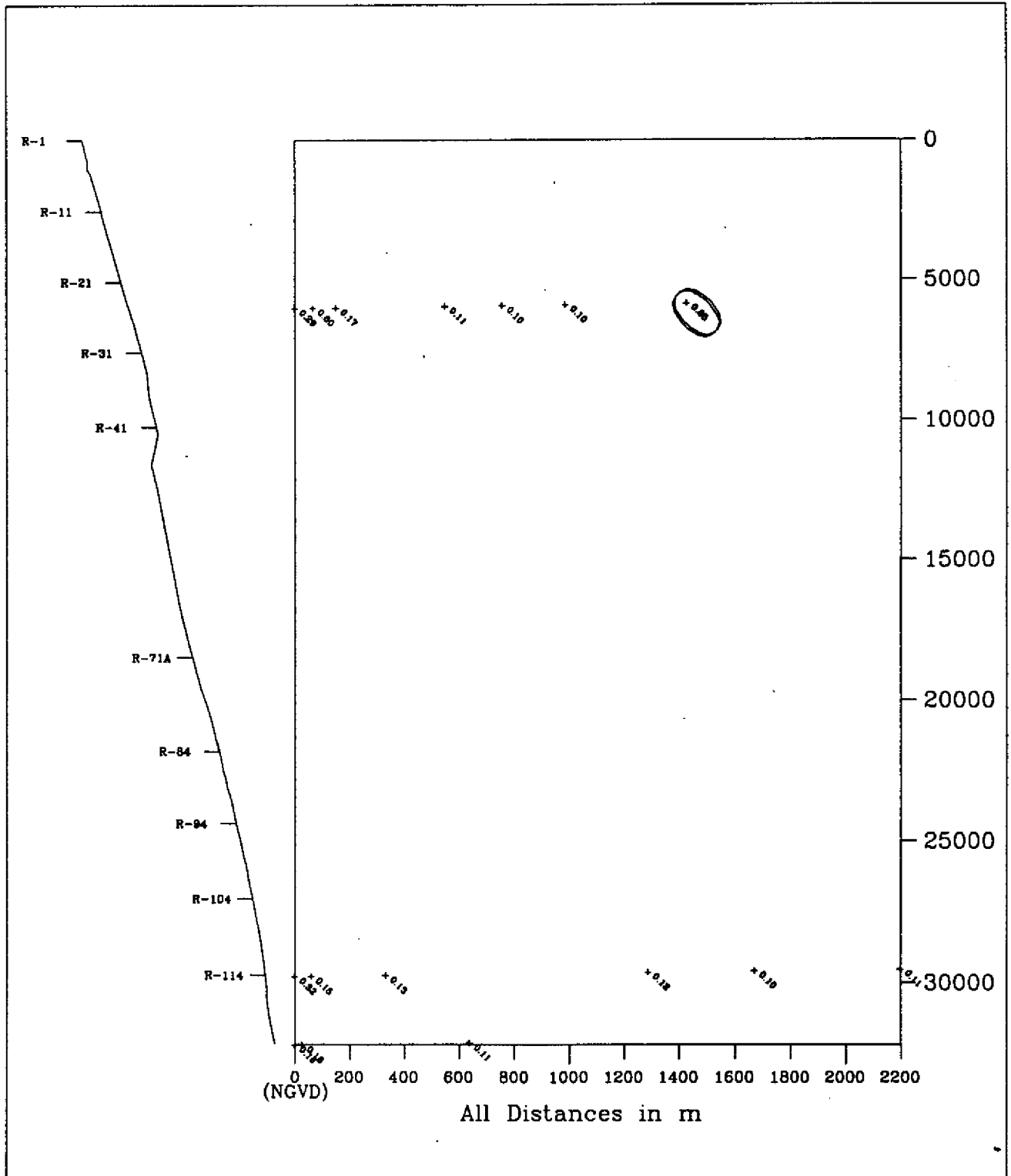


Figure A-9 : Martin County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

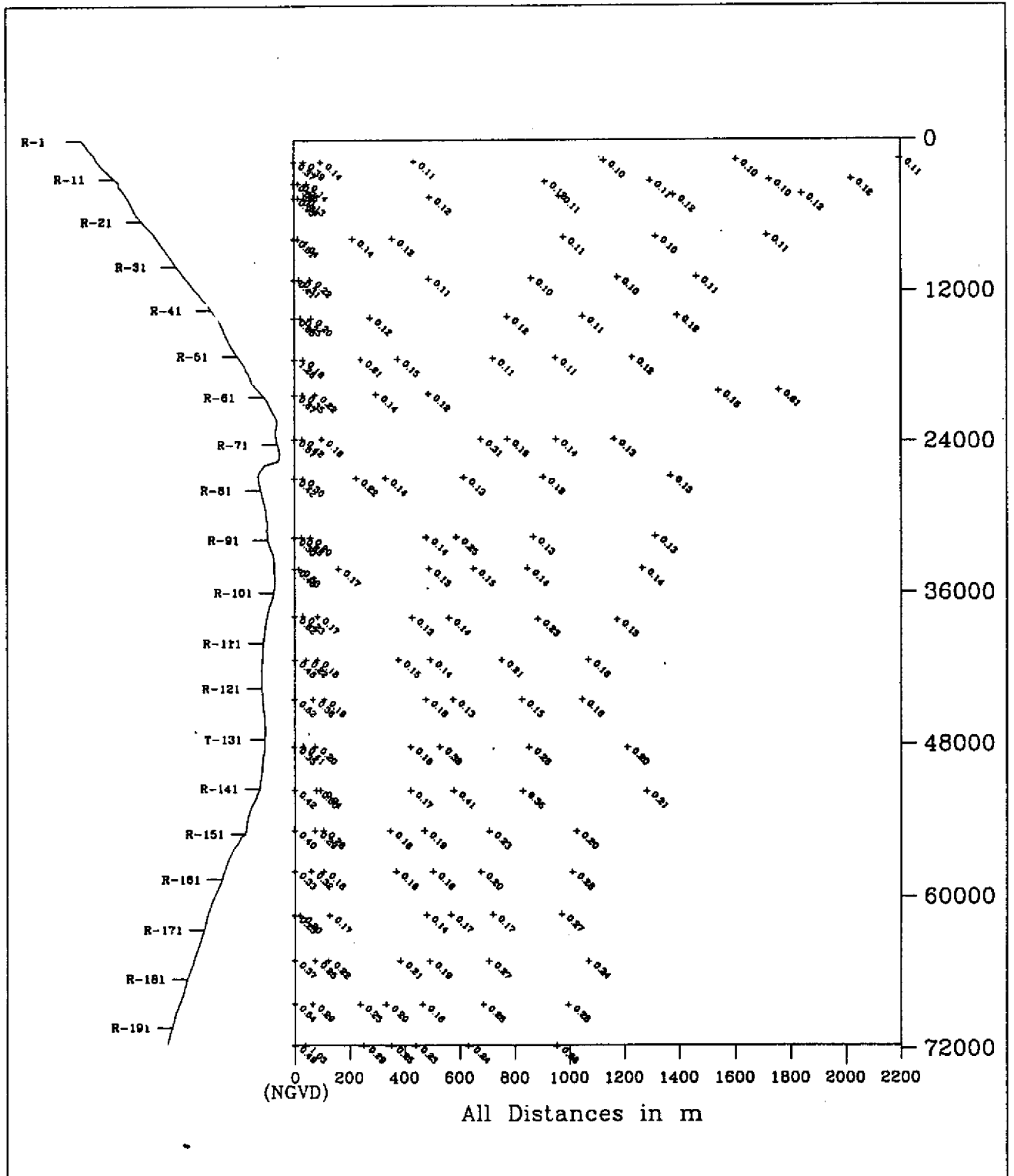
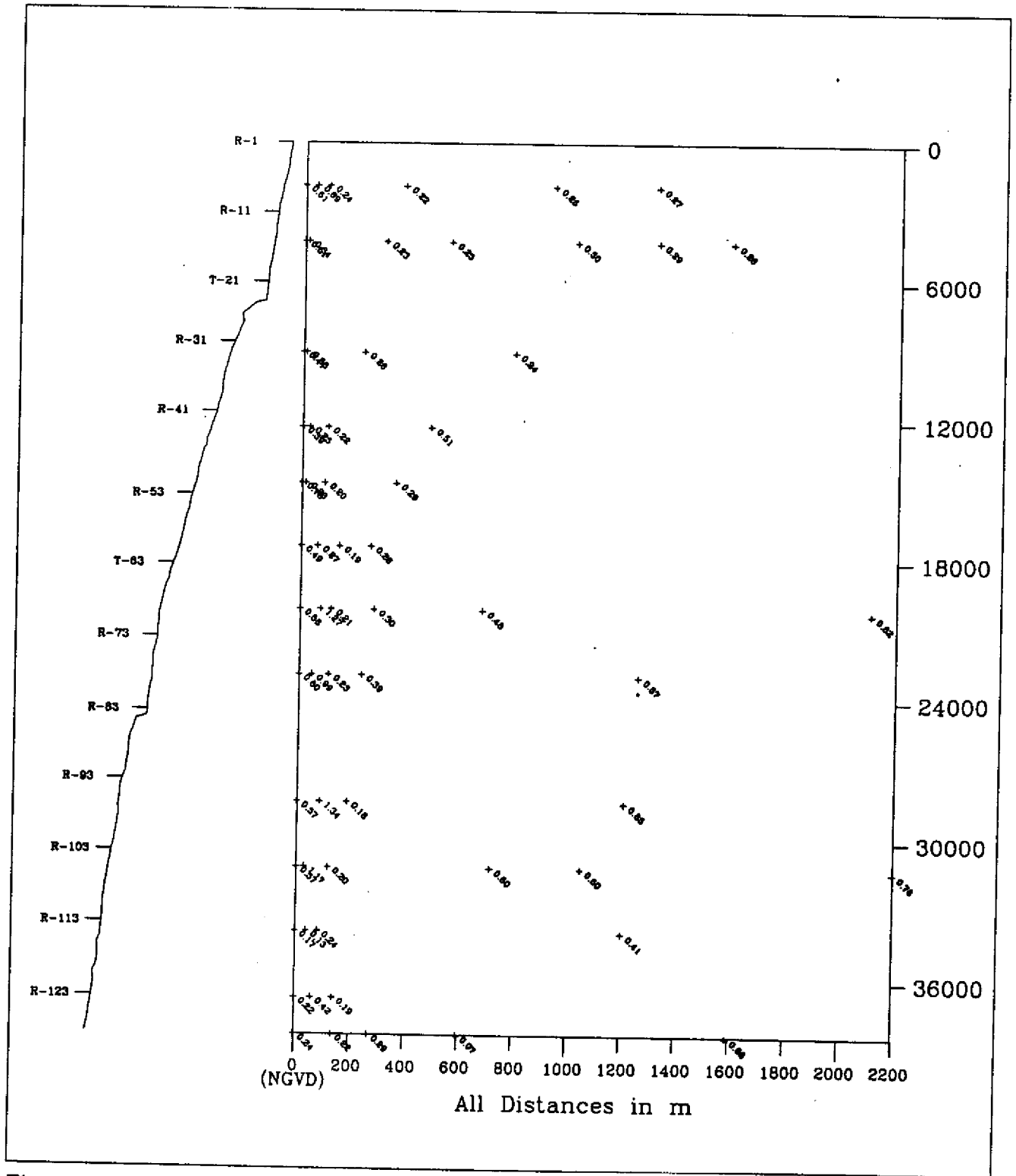


Figure A-10 : Palm Beach County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.



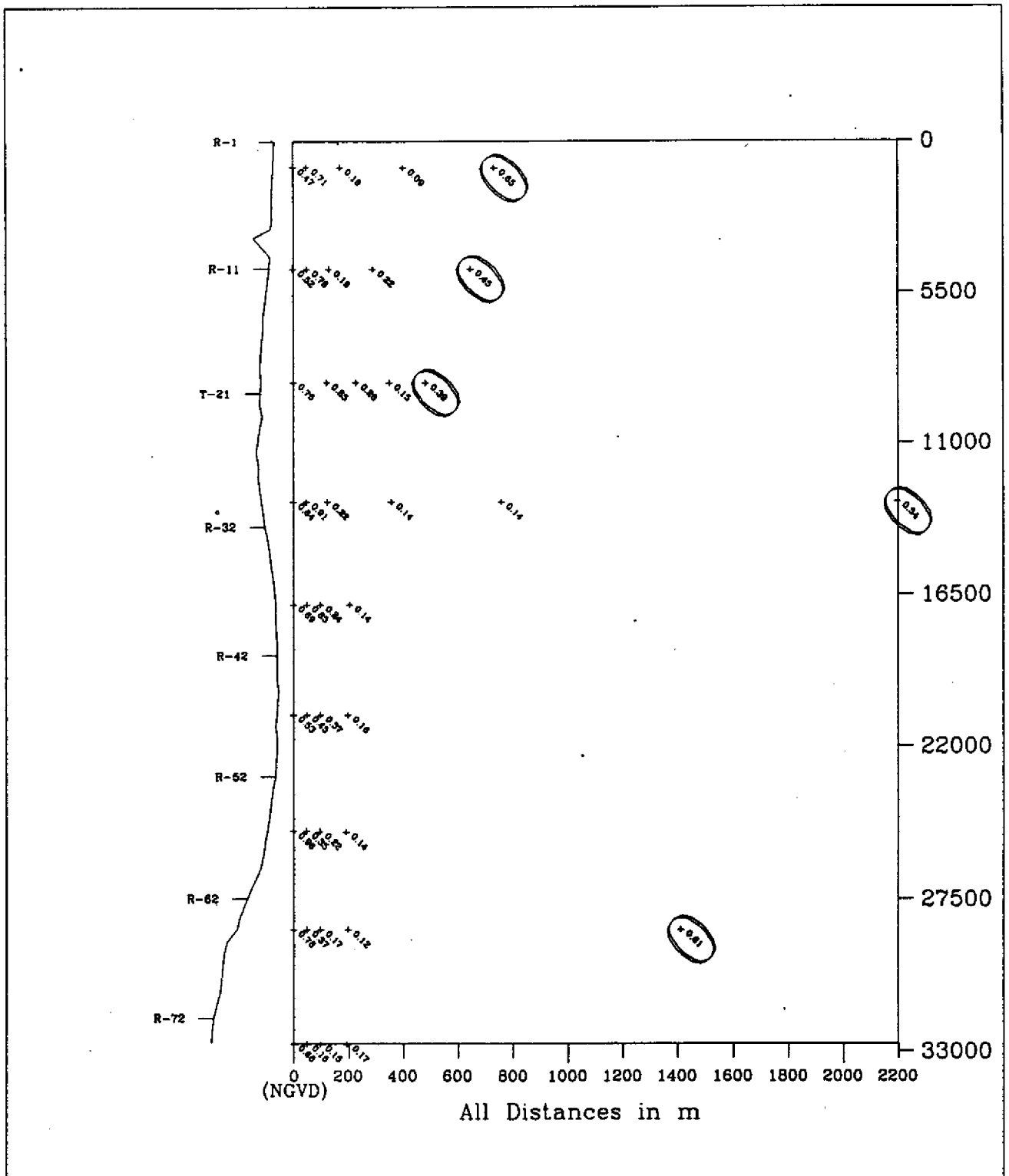


Figure A-12 : Dade County
 Distribution of Median Sediment Sizes (in mm). Circled Values
 are Outliers That are Deleted in the Contoured Representation.

APPENDIX B

**Plots of Contoured Sediment Size Data Along With Depth
Contours for all East Coast Florida Counties**

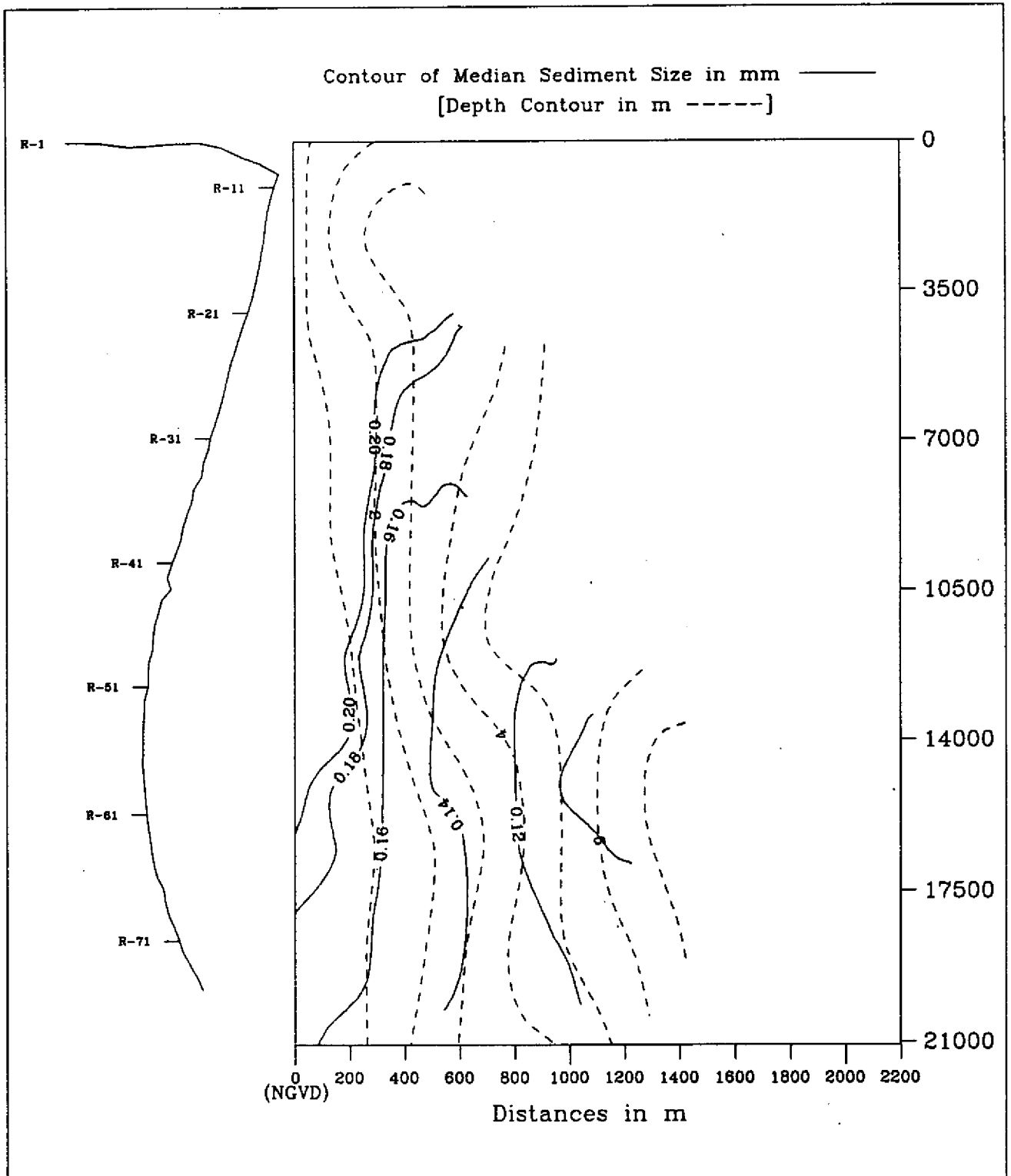


Figure B- 1 : Nassau County.
Contoured Depths (in m) and Median Sediment Sizes (in mm).

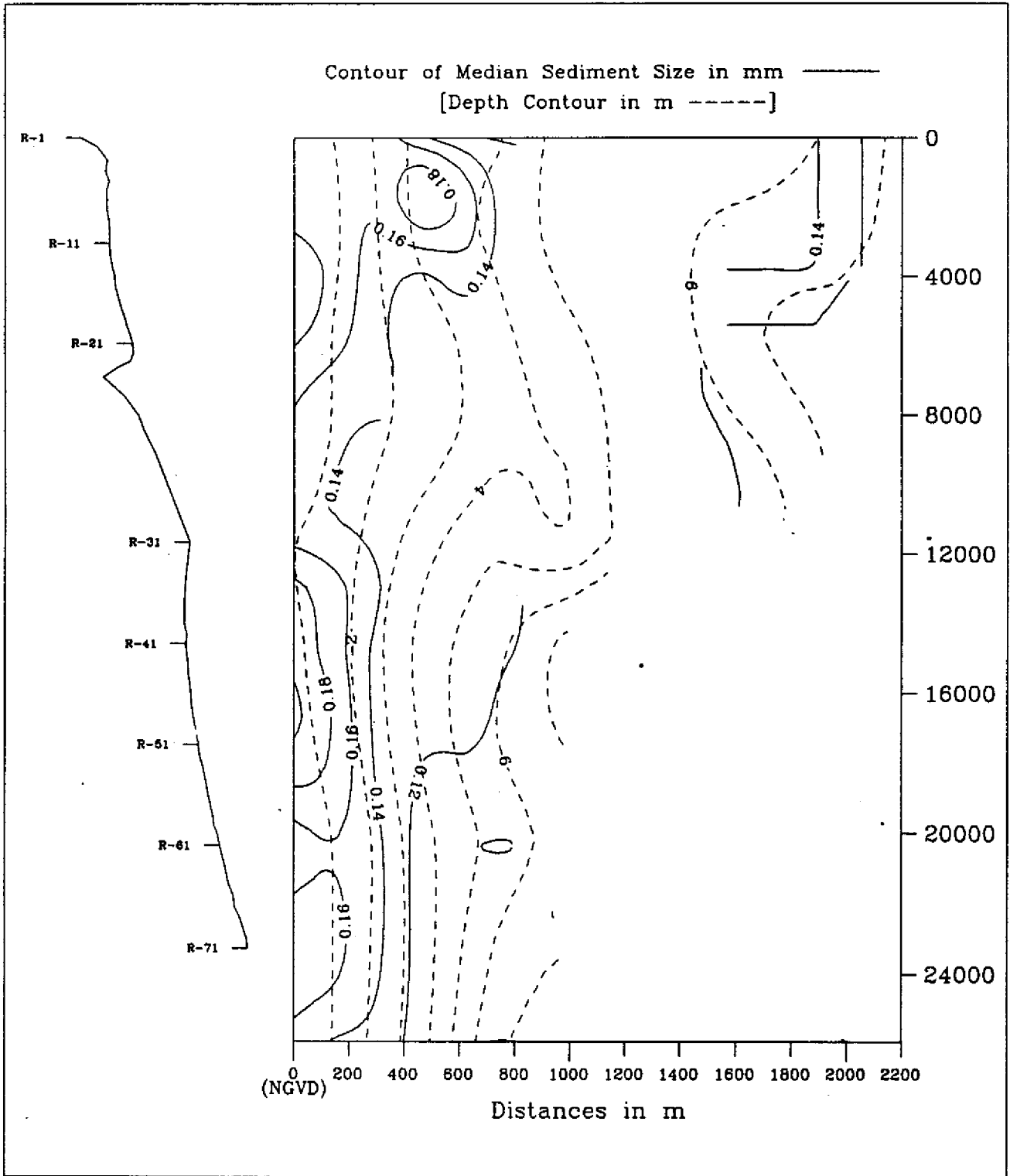


Figure B-2 : Duval County.
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

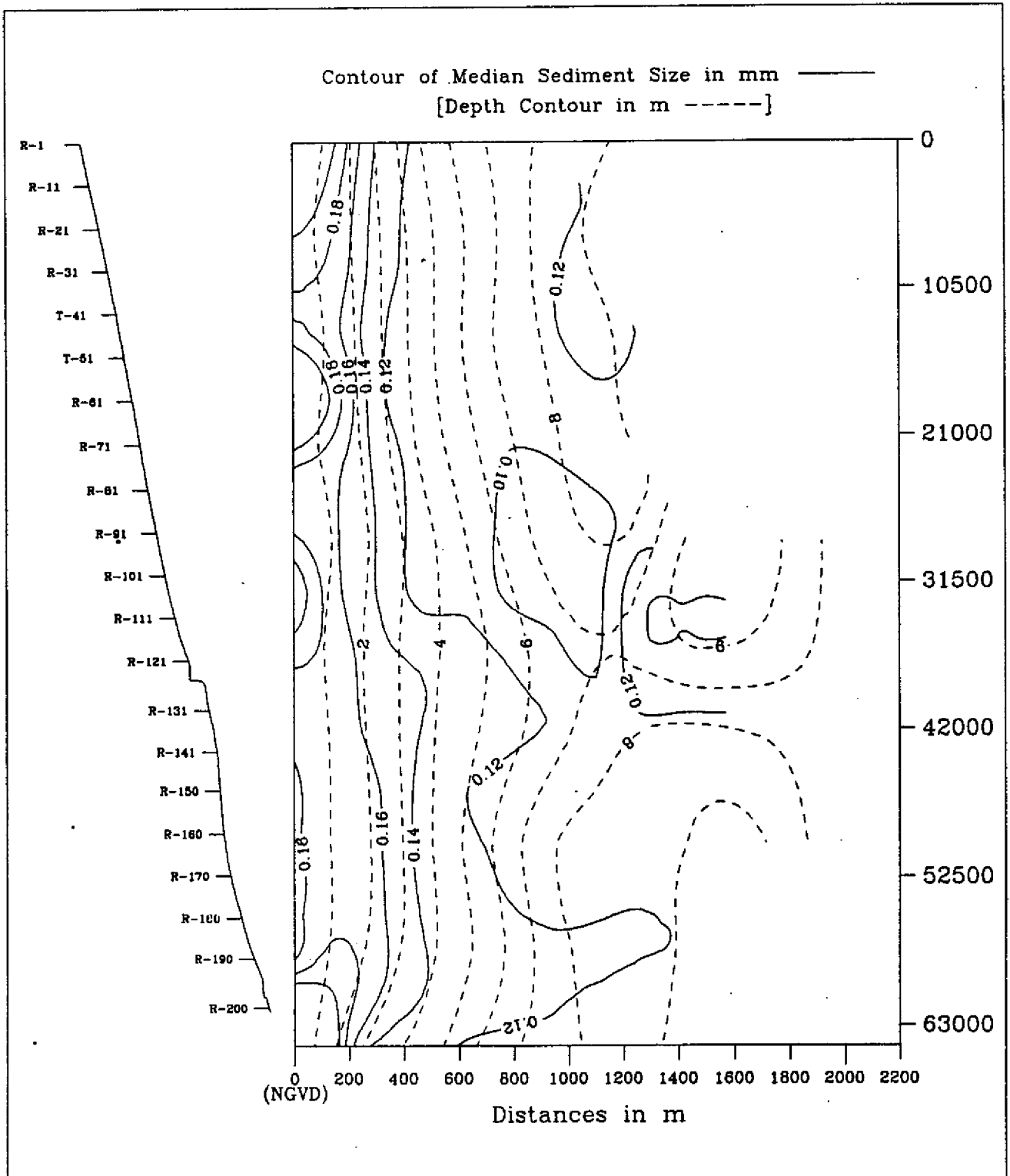


Figure B- 3 : St.Johns County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

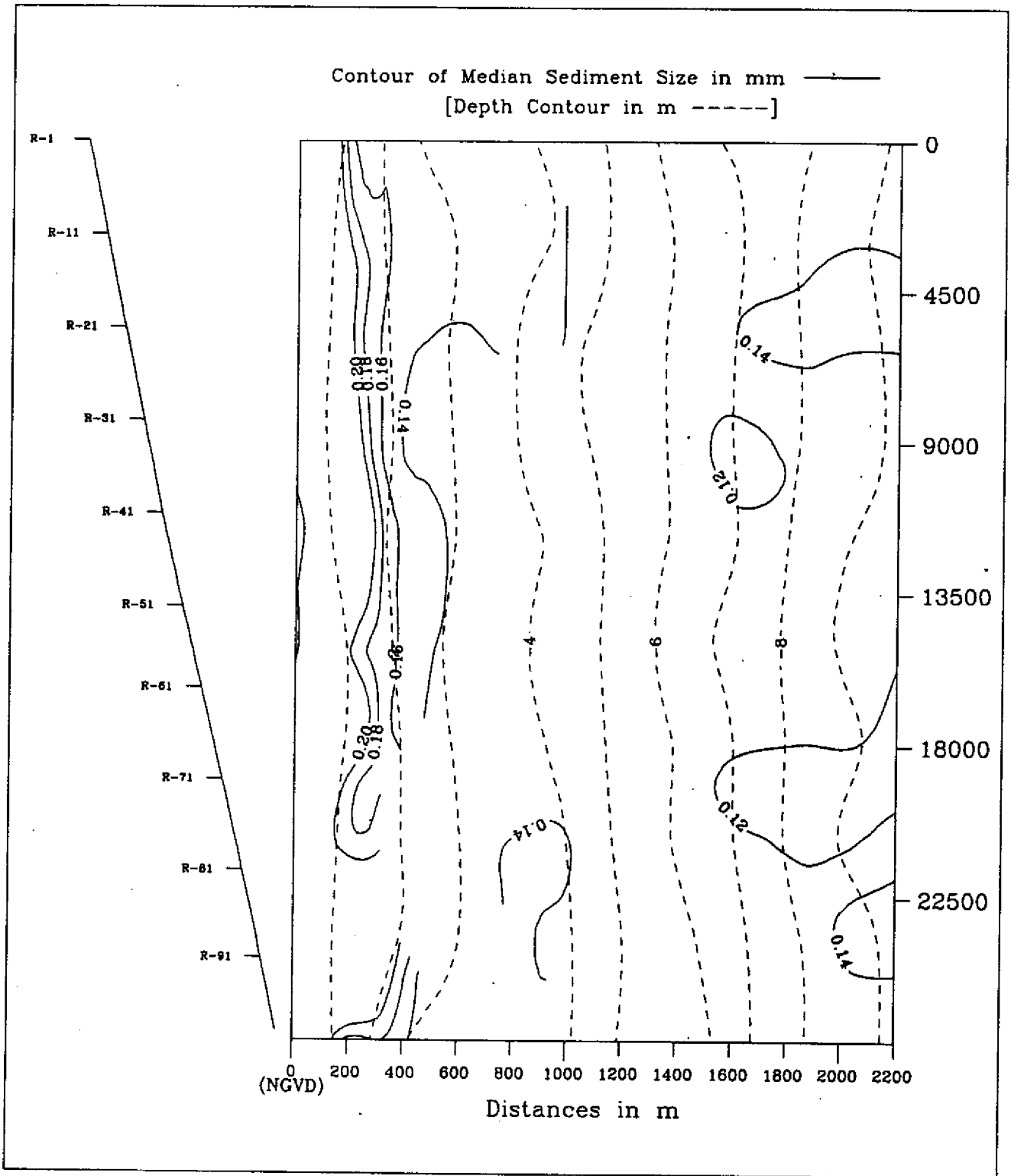


Figure B-4 : Flagler County
Contoured Depths (in m) and Median Sediment Sizes (in mm).

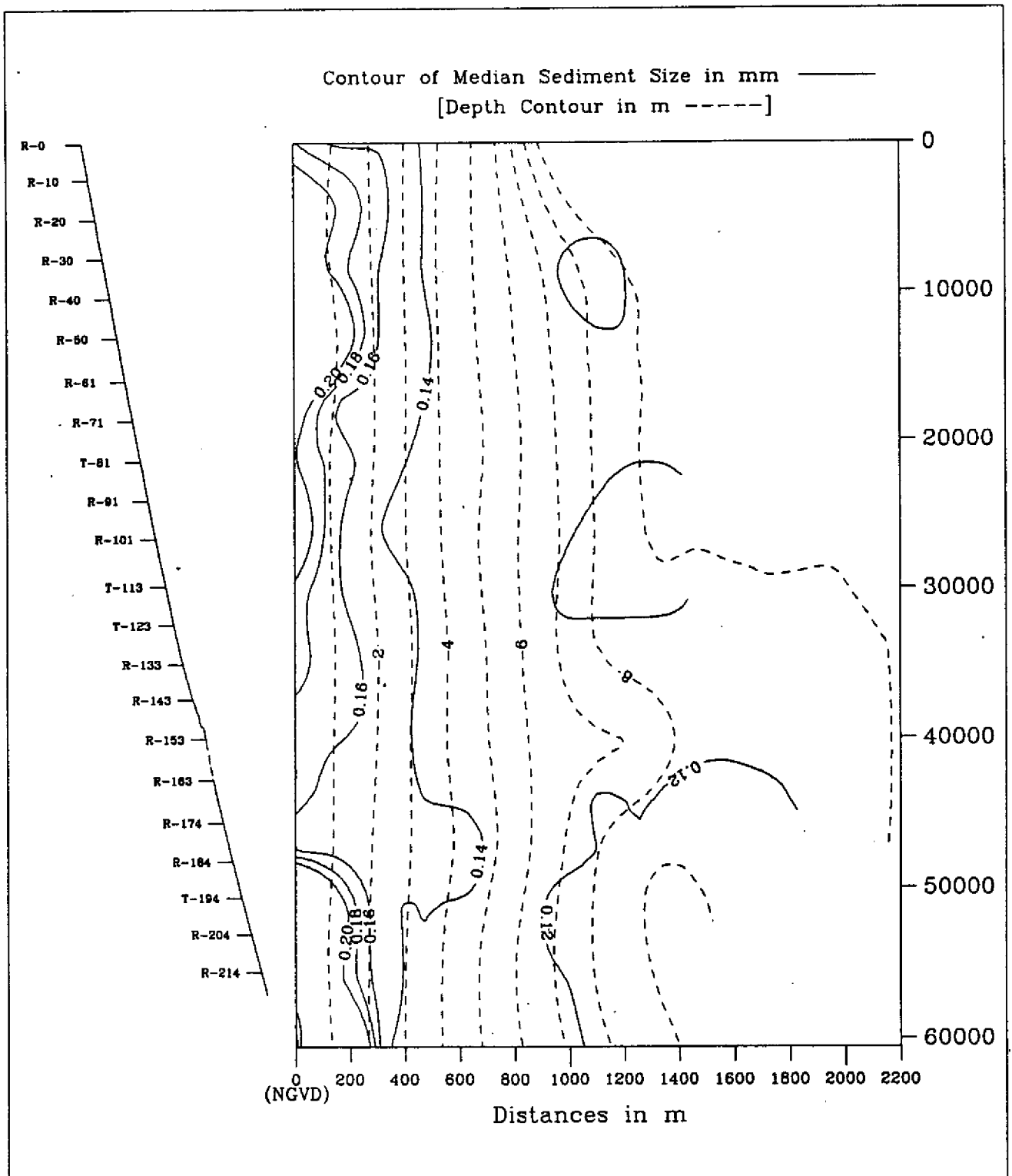


Figure B-5 : Volusia County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

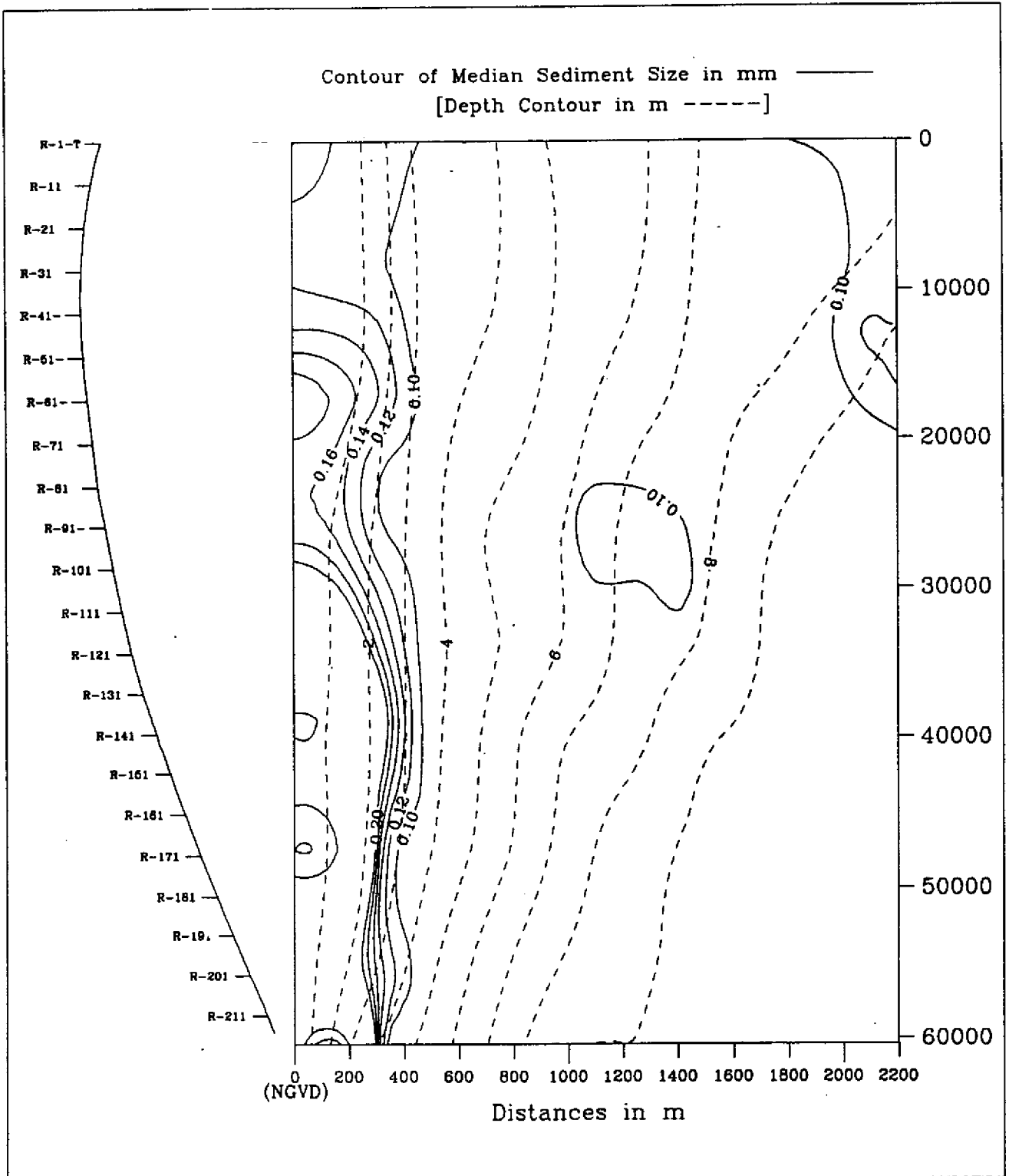


Figure B-6 : Brevard County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

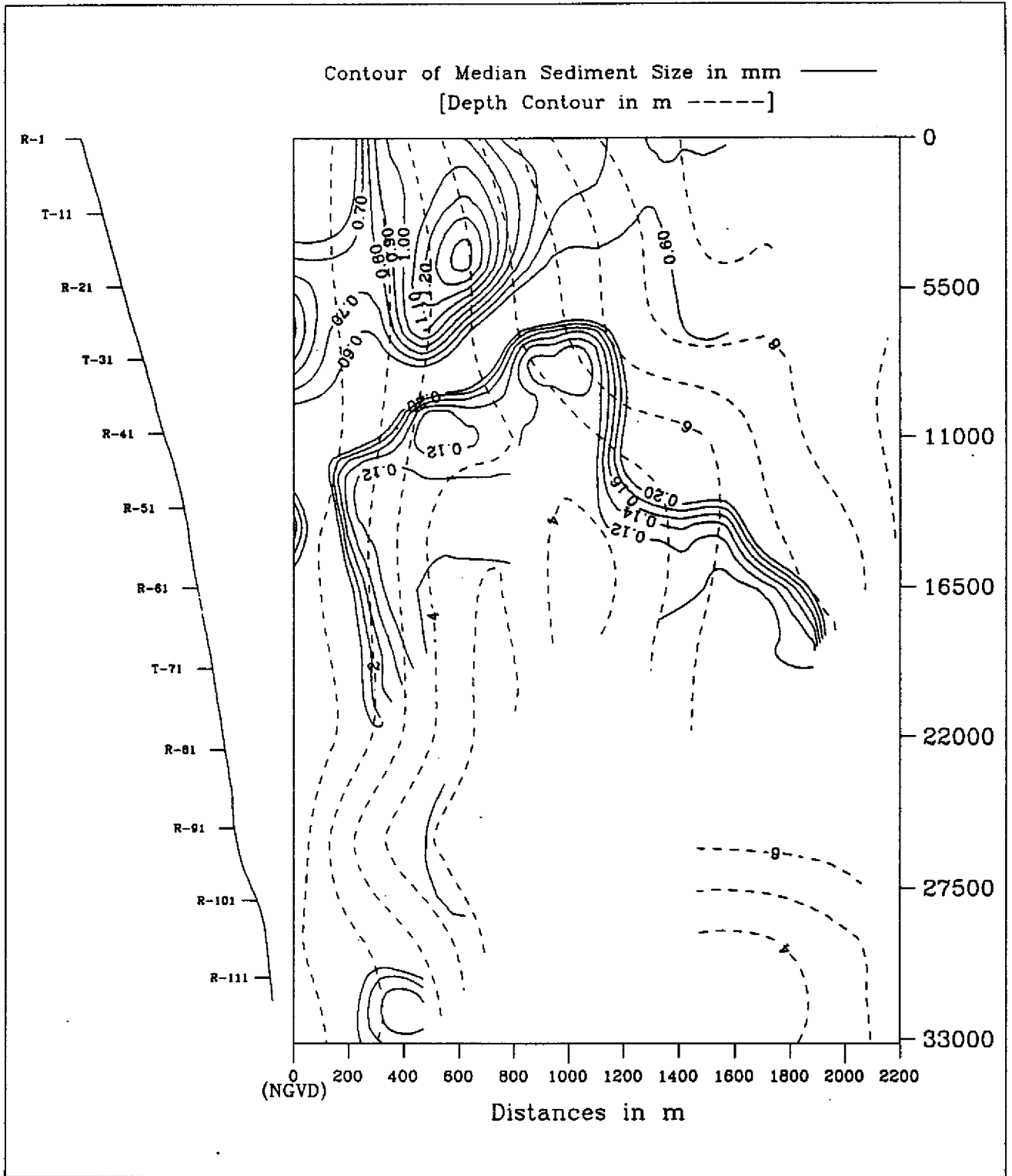


Figure B- 7 : Indian River County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

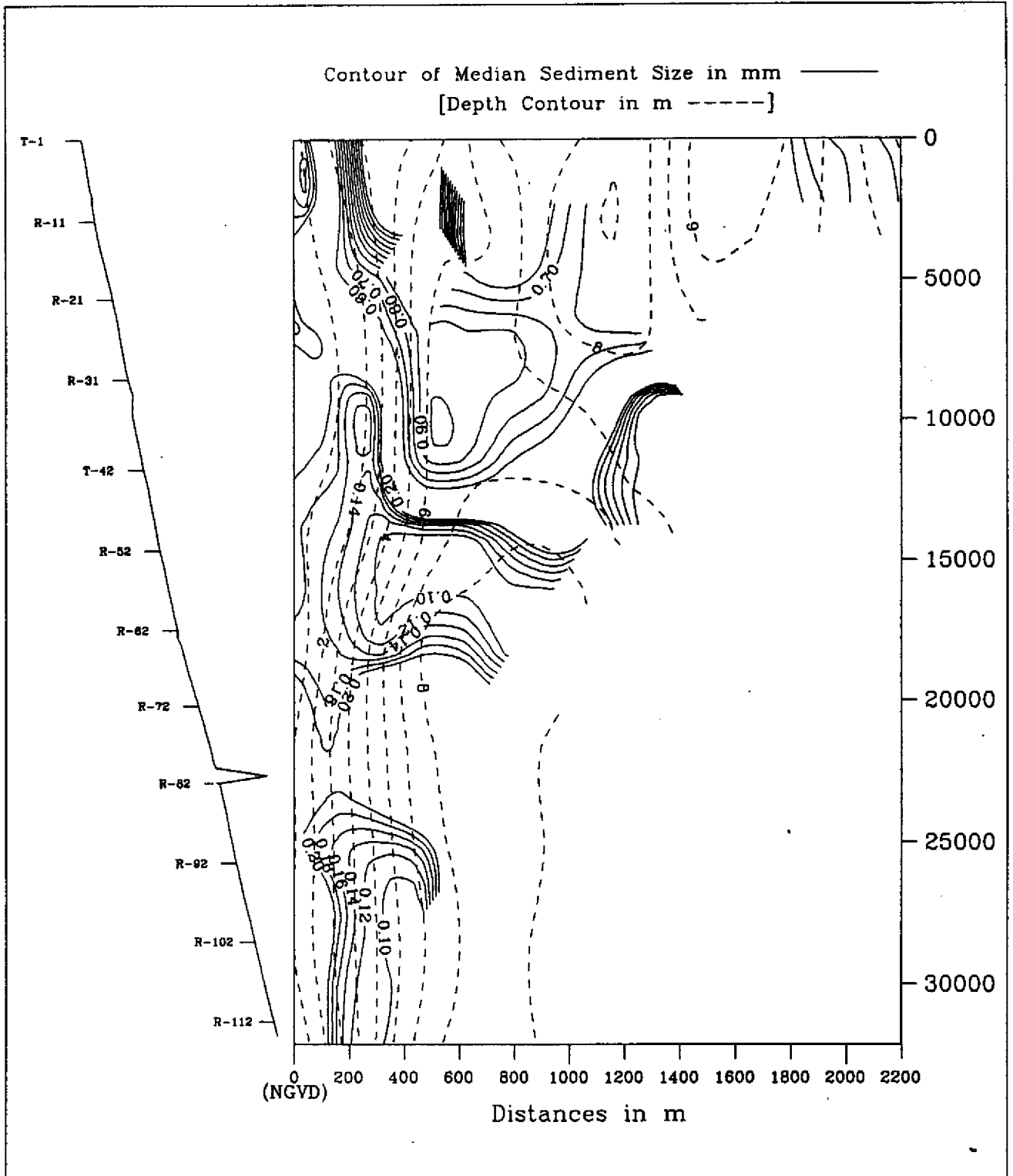


Figure B- 8 : St.Lucie County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

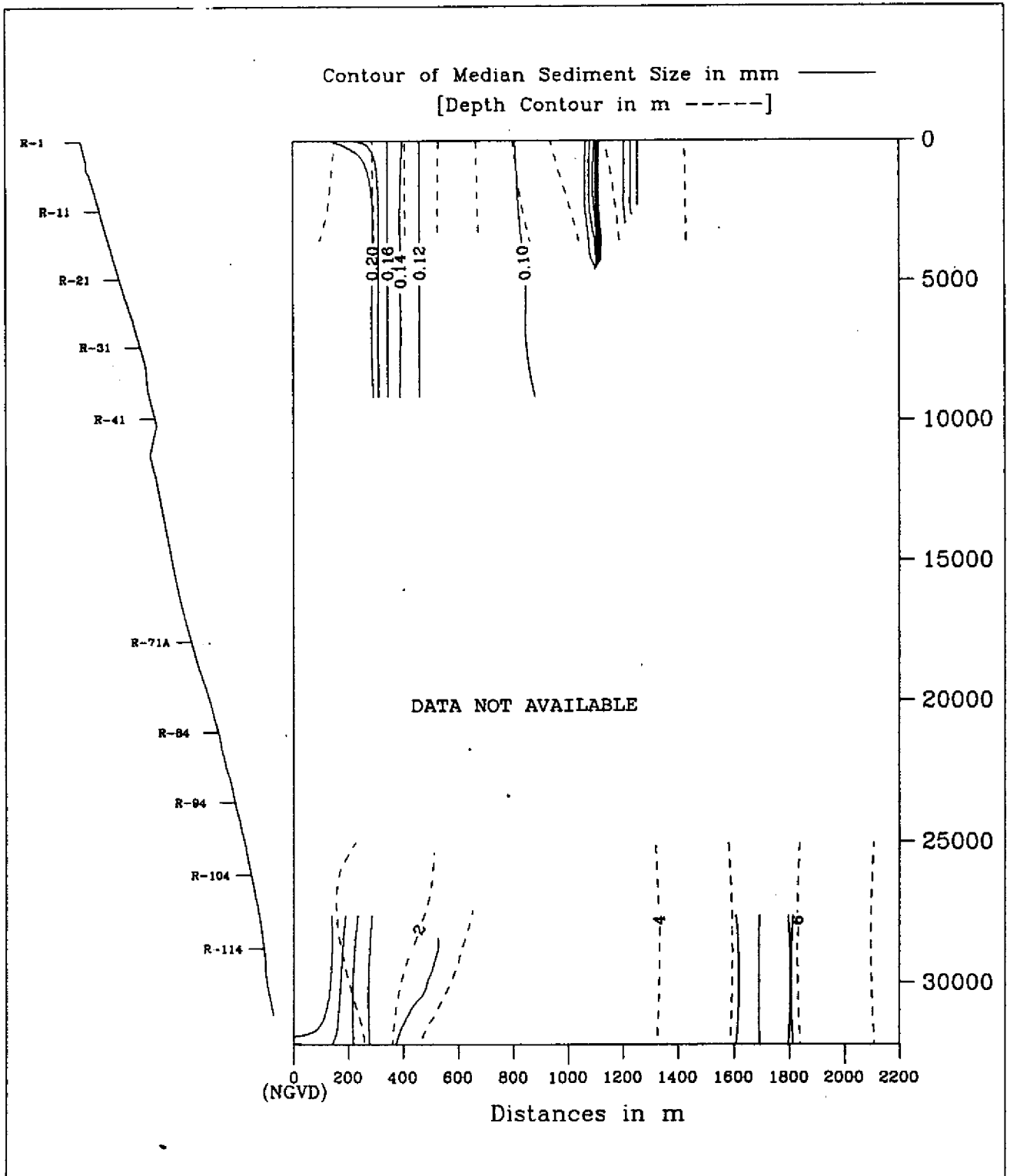


Figure B- 9 : Martin County
Contoured Depths (in m) and Median Sediment Sizes (in mm).

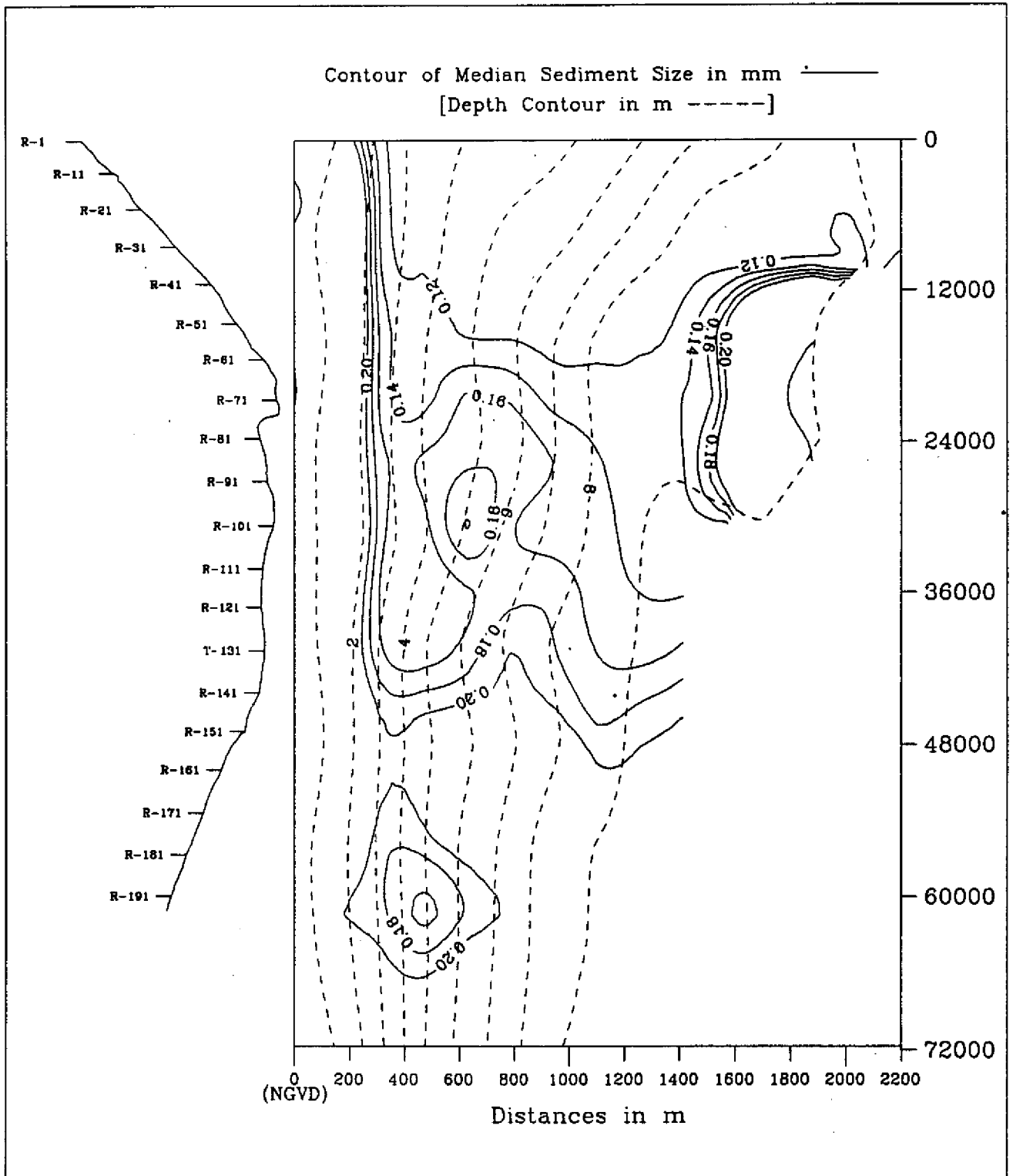


Figure B- 10 : Palm Beach County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

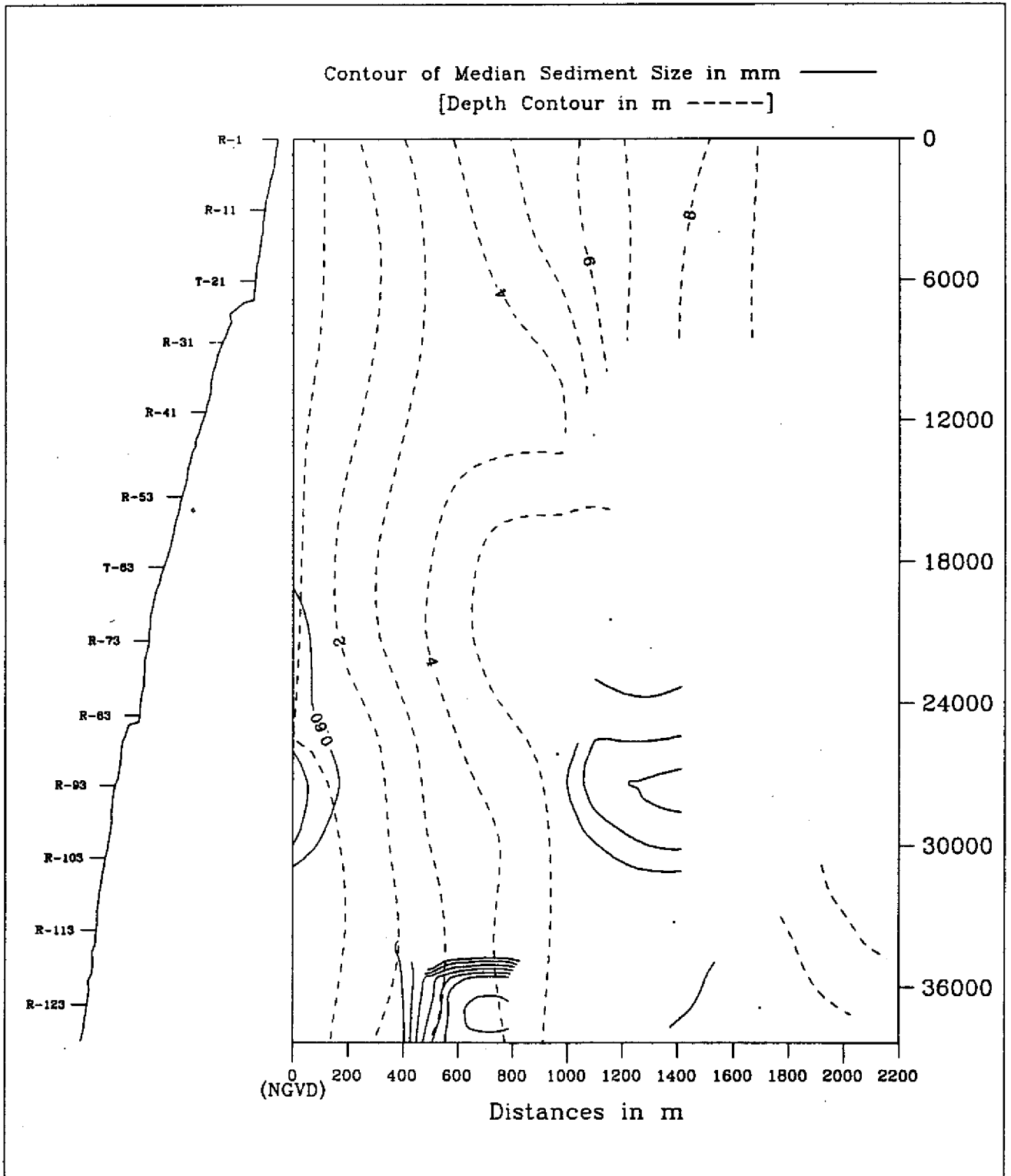


Figure B- 11 : Broward County
Contoured Depths (in m) and Median Sediment Sizes (in mm).

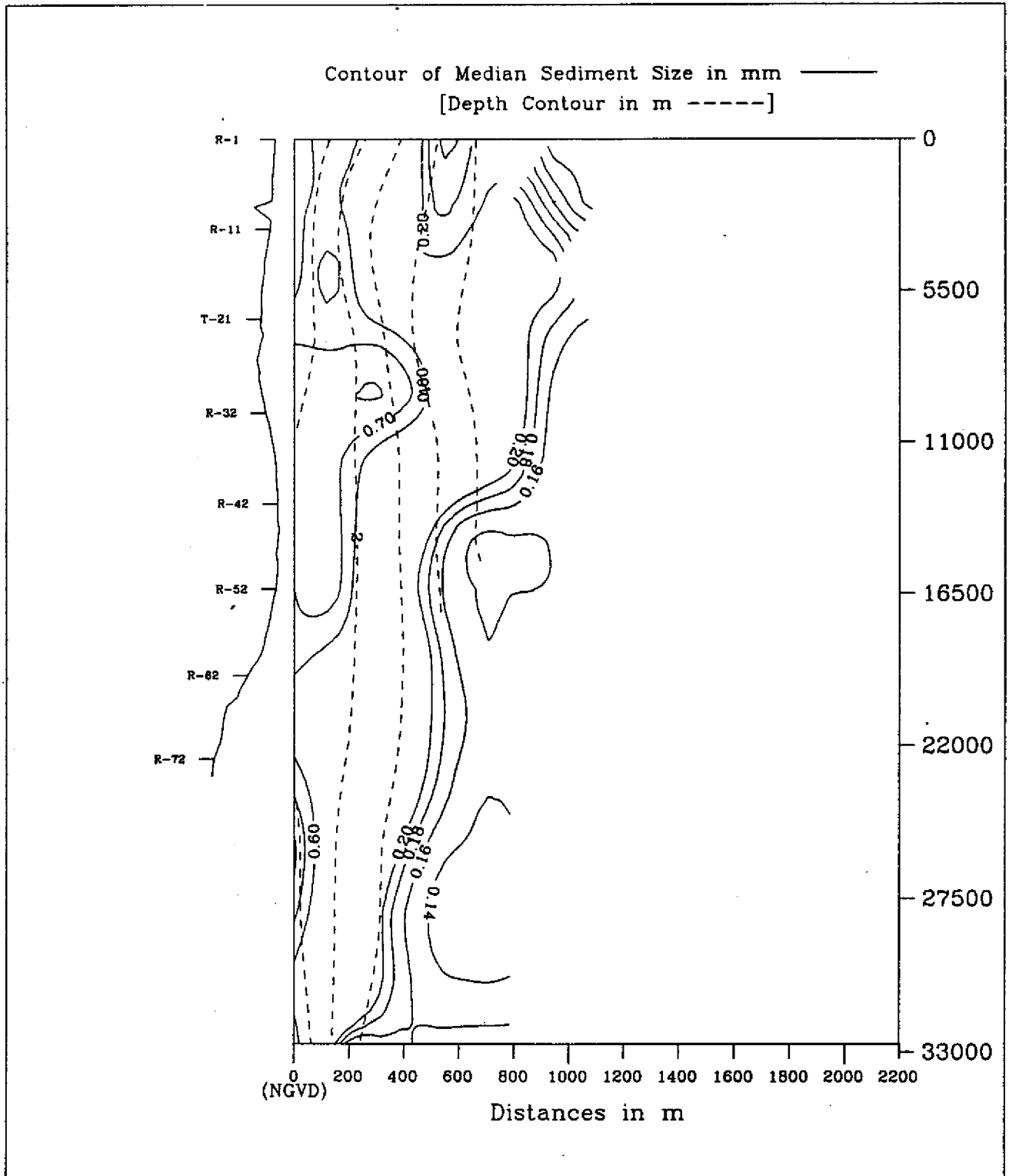


Figure B- 12 : Dade County
 Contoured Depths (in m) and Median Sediment Sizes (in mm).

APPENDIX C

**Longshore Distribution of Median Sediment Sizes
for the East Coast of Florida for Various Nominal Depths**

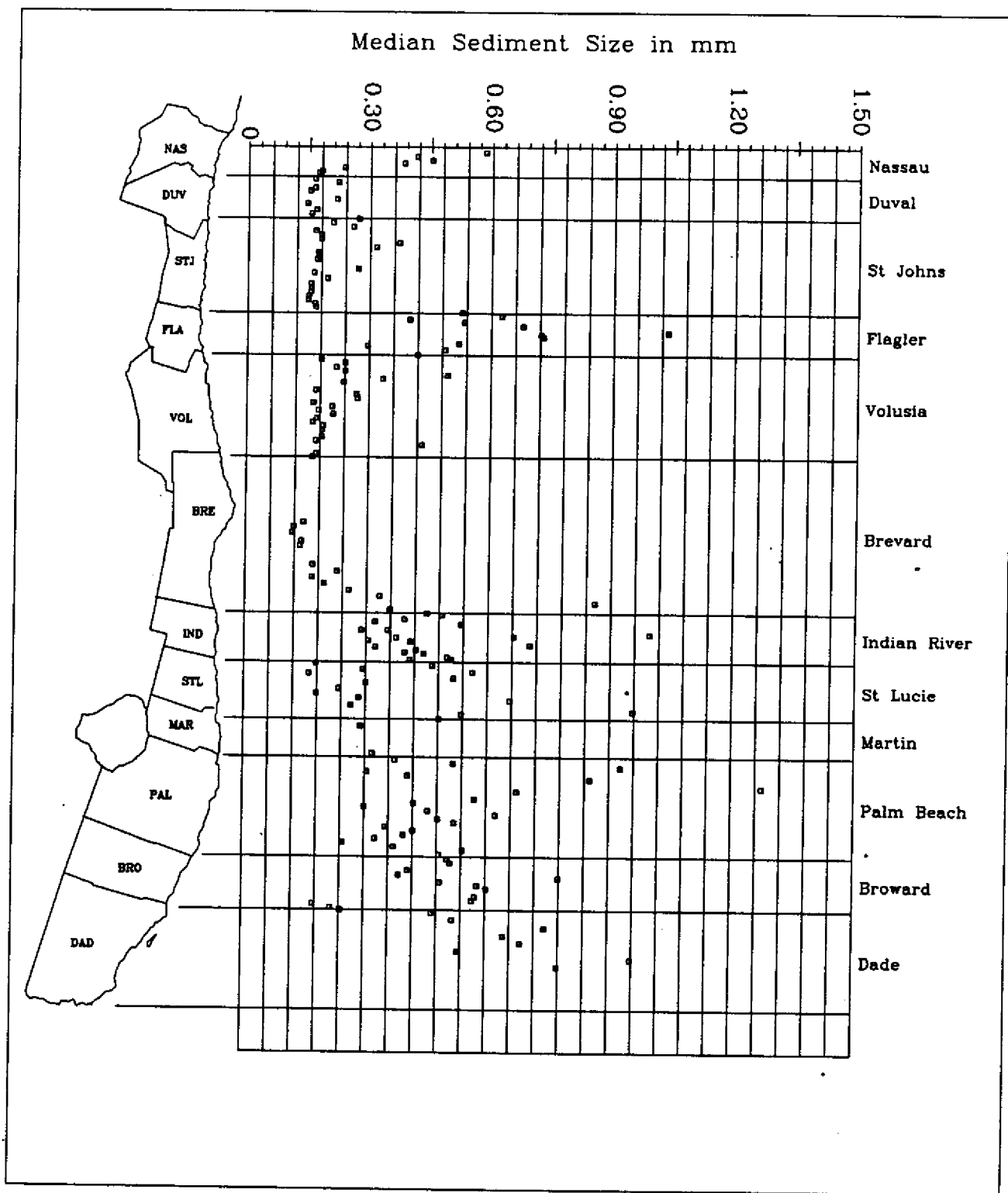


Figure C- 1 : East Coast of Florida.
 Distribution of Median Sediment Size @0.0 m Depth.

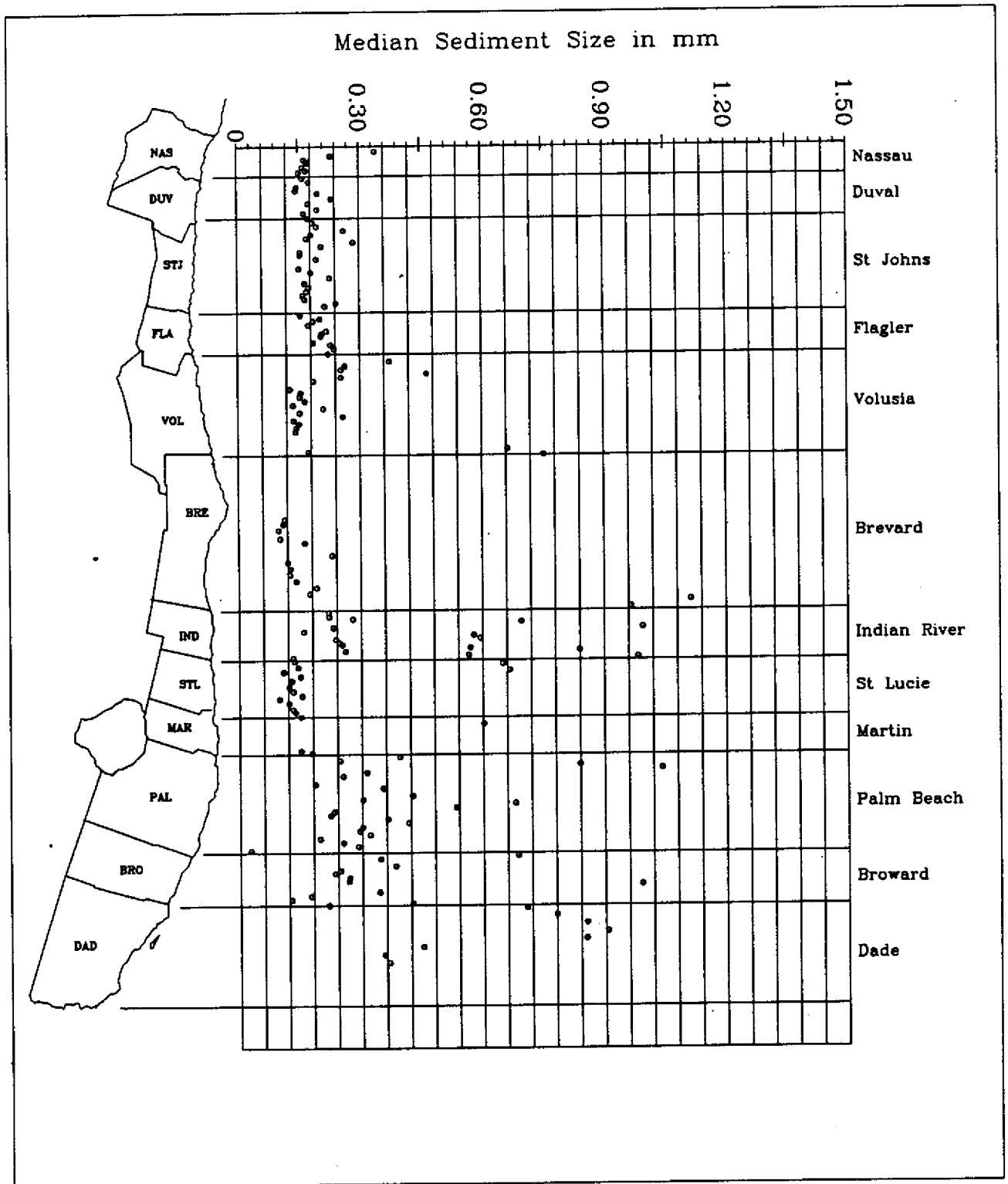


Figure C- 2 : East Coast of Florida.
 Distribution of Median Sediment Size @0.9 m Depth.

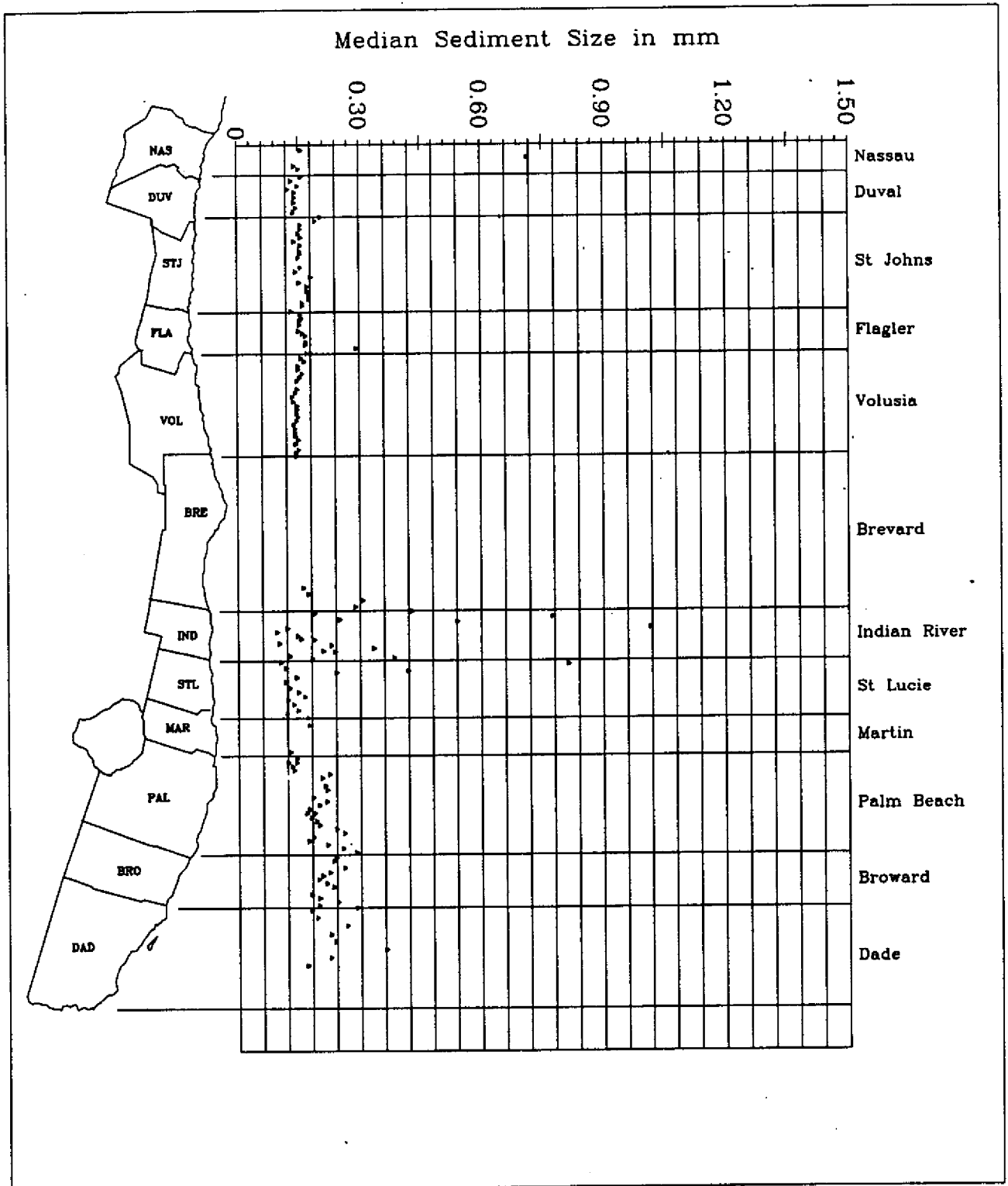


Figure C- 3 : East Coast of Florida.
 Distribution of Median Sediment Size @1.8 m Depth.

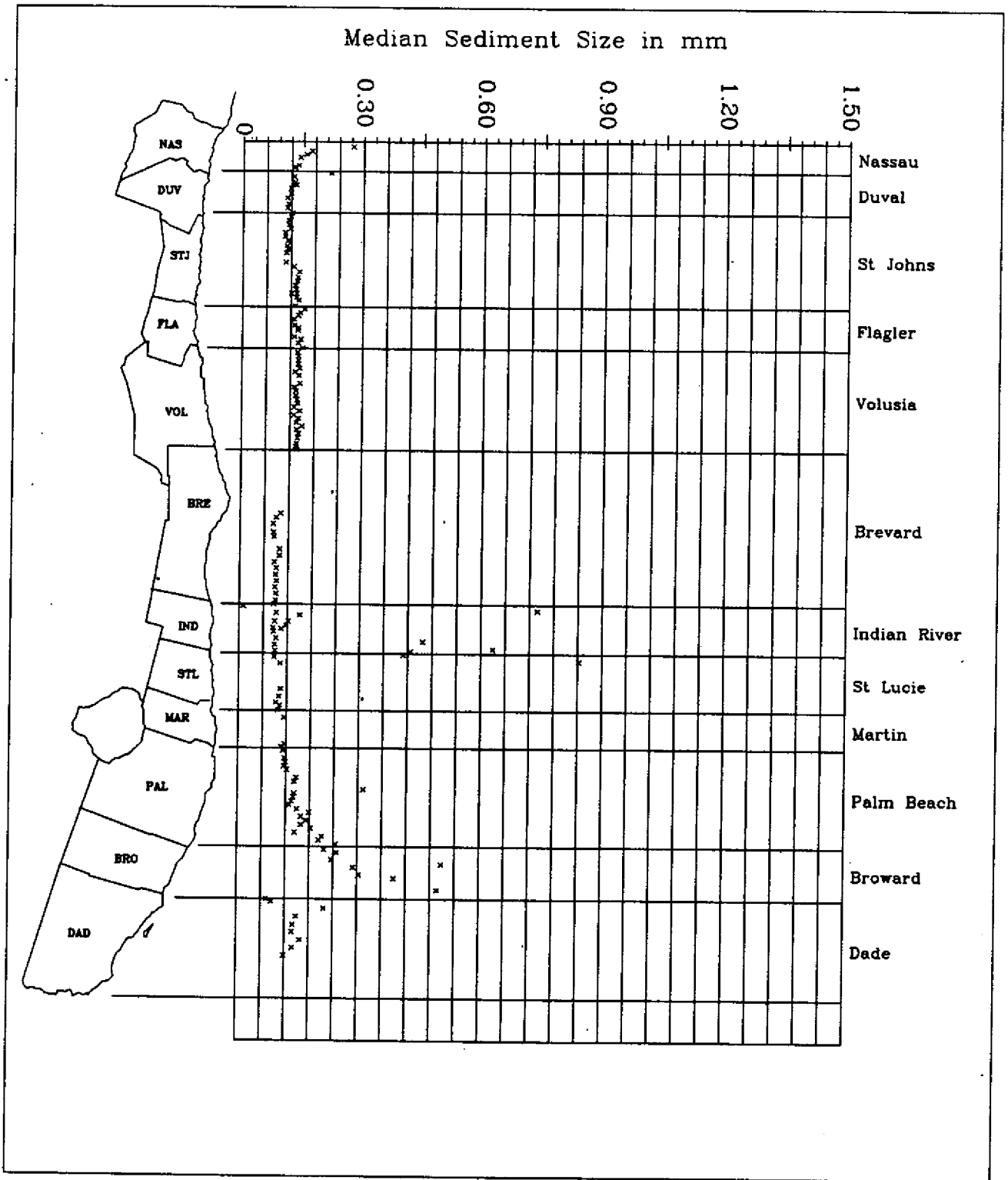


Figure C- 4 : East Coast of Florida.
 Distribution of Median Sediment Size @3.7 m Depth.

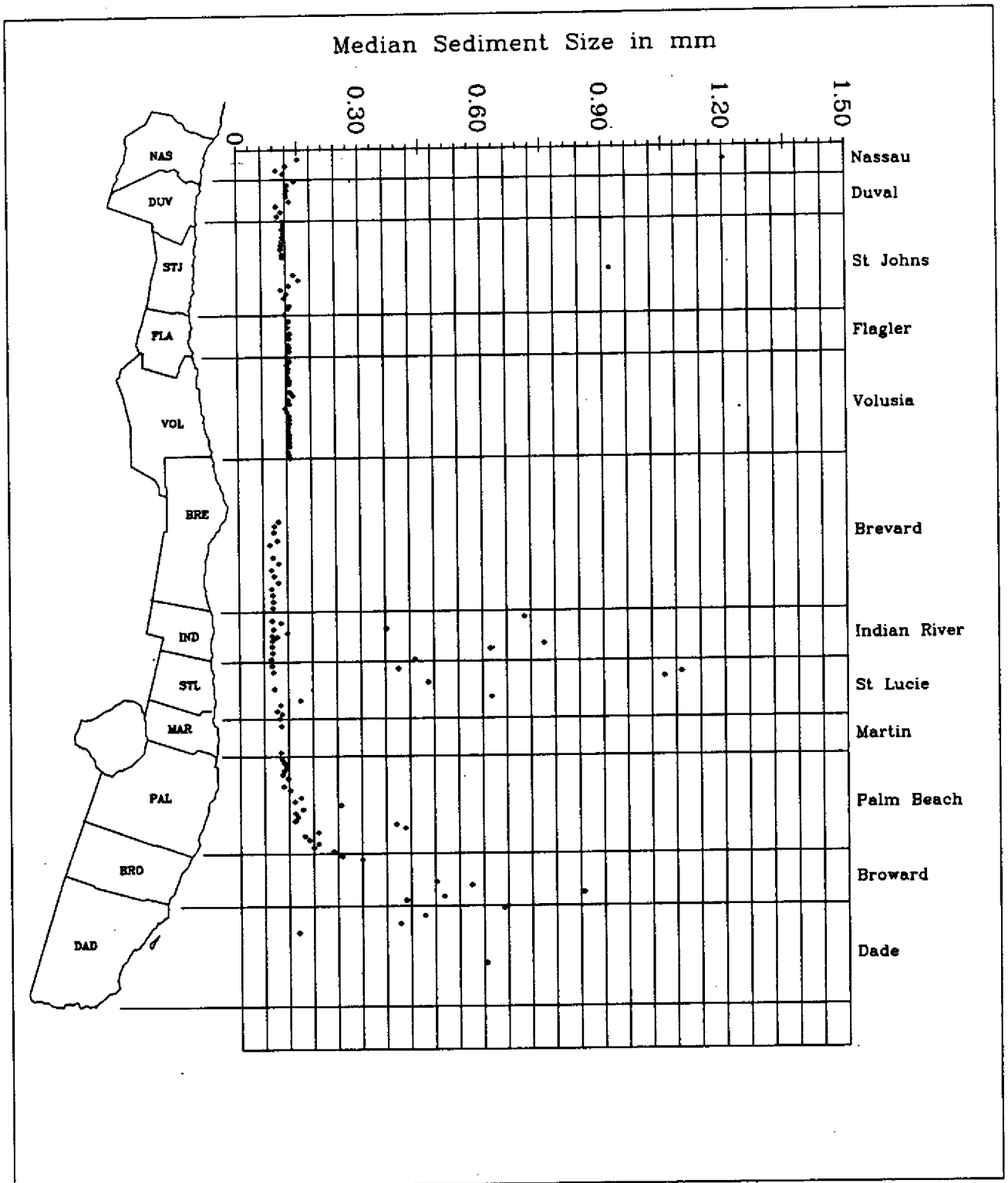


Figure C- 5 : East Coast of Florida.
 Distribution of Median Sediment Size @5.5 m Depth.

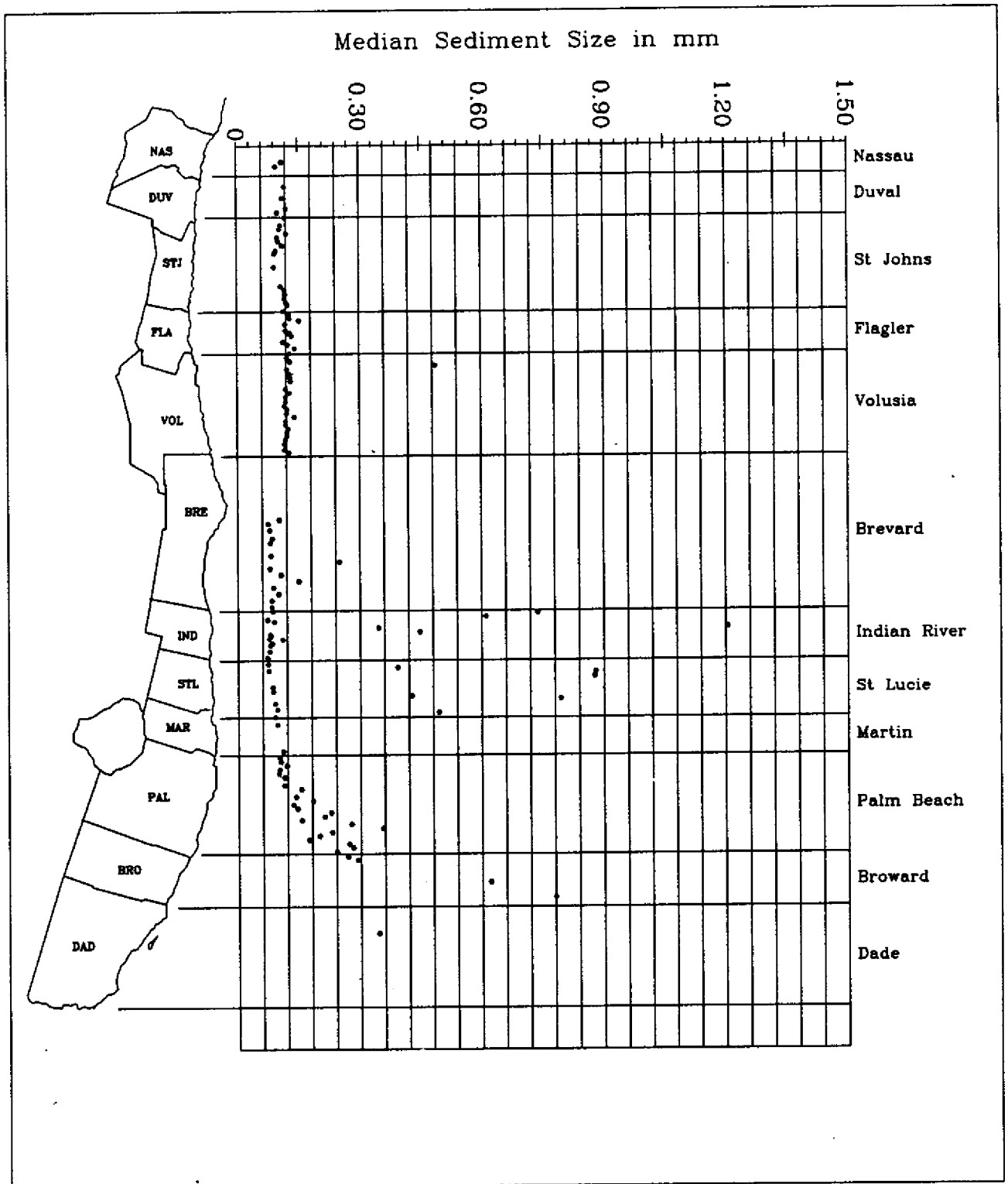


Figure C-6 : East Coast of Florida.
 Distribution of Median Sediment Size @7.3 m Depth.

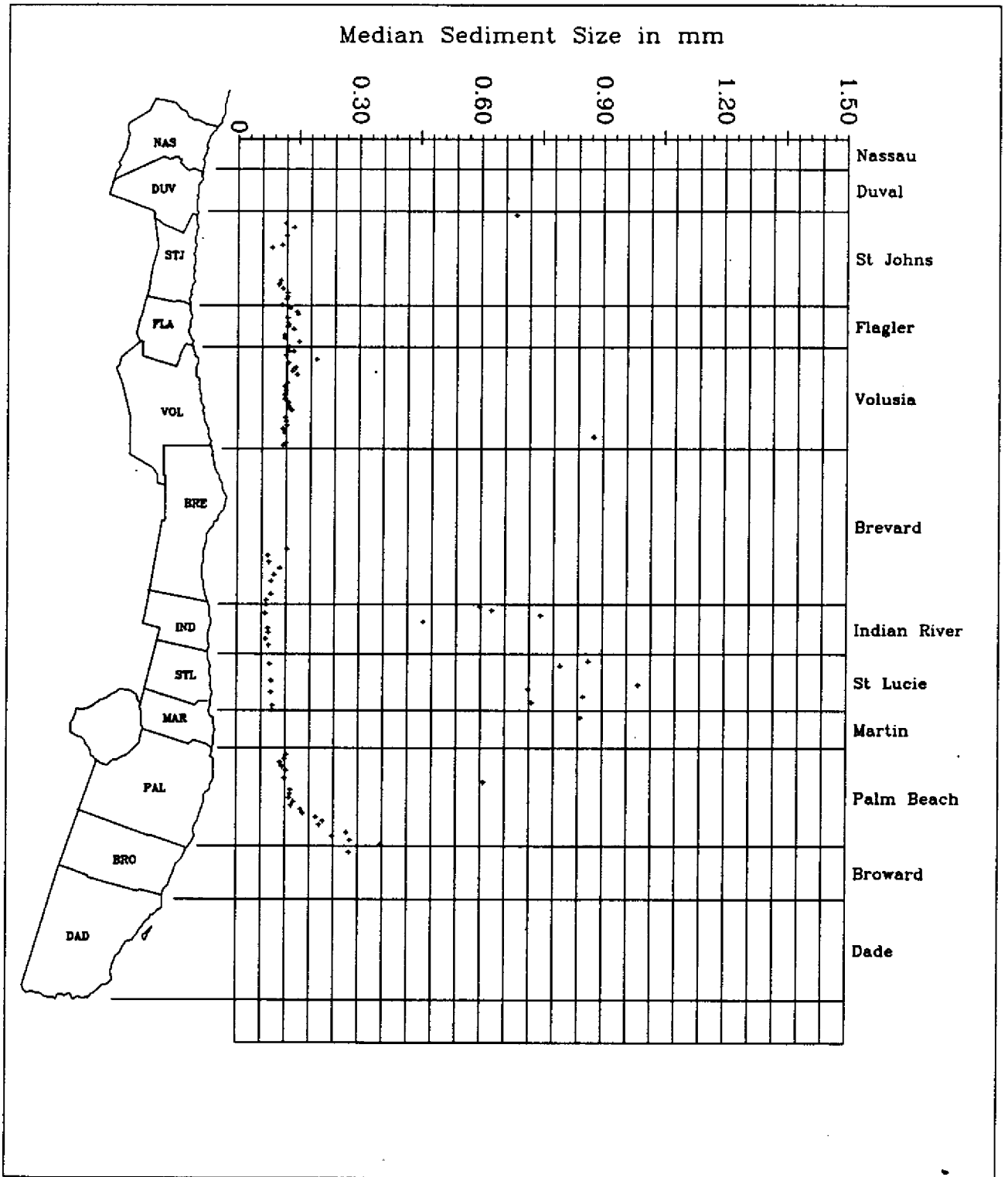


Figure C- 7 : East Coast of Florida.
 Distribution of Median Sediment Size @9.1 m Depth.

APPENDIX D

**Tabulation of Sediment Data for all East Coast Florida Counties
(Tabulations Include DNR Range Number, Sample Location,
Depth and Median Sediment Size)**

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-15	111358.60	703769.70	.00	.5836
R-15	111383.80	703765.30	.91	.3397
R-15	111400.50	703762.30	1.83	.1566
R-15	111438.20	703755.60	3.66	.2731
R-27	110889.10	700375.10	.00	.4145
R-27	110918.00	700370.10	.91	.2303
R-27	111039.30	700348.60	3.66	.1698
R-27	111265.80	700308.70	5.49	.1511
R-36	110472.70	697660.20	.00	.4517
R-36	110483.60	697656.30	.91	.1651
R-36	110585.10	697619.30	1.83	.7152
R-36	110636.60	697600.60	3.66	.1566
R-36	110754.60	697557.60	5.49	1.2033
R-45	110072.80	695071.50	.00	.3833
R-45	110108.90	695065.20	.91	.1726
R-45	110249.50	695040.40	3.66	.1418
R-45	110324.70	695027.10	5.49	.1220
R-45	110788.20	694945.40	7.32	.1105
R-57	109879.00	691540.60	.00	.2253
R-57	109928.10	691540.60	.91	.1613
R-57	110106.10	691540.60	1.83	.1391
R-57	110174.80	691540.60	5.49	.0984
R-57	110301.60	691540.60	7.32	.0959
R-66	110051.40	688891.80	.00	.1793
R-66	110107.90	688886.90	.91	.1688
R-66	110189.60	688879.80	1.83	.1501
R-66	110288.40	688871.10	3.66	.1373
R-66	110337.00	688866.90	5.49	.1149
R-72	110360.60	687168.30	.00	.1717
R-72	110415.10	687177.80	.91	.1520
R-72	110602.50	687210.90	3.66	.1283

Table D-1: Sediment Distribution Data for Nassau County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-4	112894.20	680893.40	.00	.1632
R-4	112970.10	680913.80	.91	.1604
R-4	113028.20	680929.30	1.83	.1566
R-4	113128.50	680956.20	3.66	.2183
R-4	113755.20	681124.10	5.49	.1428
R-4	113966.80	681180.80	7.32	.1193
R-11	112957.10	678798.20	.00	.2203
R-11	113016.60	678798.20	.91	.1764
R-11	113139.70	678798.20	1.83	.1319
R-11	113190.00	678798.20	3.66	.1256
R-11	113411.00	678798.20	5.49	.1256
R-21	113344.80	675908.10	.00	.1632
R-21	113405.80	675924.40	.91	.1464
R-21	113447.70	675935.70	1.83	.1474
R-21	113697.60	676002.60	3.66	.1283
R-21	113913.80	676060.50	5.49	.1247
R-21	114223.10	676143.40	7.32	.1167
R-27	113456.70	673786.90	.00	.1501
R-27	113527.00	673827.40	.91	.1446
R-27	113565.80	673849.90	1.83	.1238
R-27	113813.00	673992.60	3.66	.1309
R-27	114168.40	674197.80	5.49	.1211
R-33	114271.40	669592.40	.00	.1976
R-33	114316.50	669588.50	.91	.1976
R-33	114360.00	669584.70	1.83	.1455
R-33	114437.80	669577.90	3.66	.1184
R-33	114544.40	669568.60	5.49	.1229
R-43	114280.60	666700.60	.00	.2173
R-43	114312.10	666700.60	.91	.2313
R-43	114335.50	666700.60	1.83	.1400
R-43	114480.00	666700.60	3.66	.1184
R-43	114560.10	666700.60	5.49	.1309
R-43	114689.90	666700.60	7.32	.1114
R-52	114481.90	664059.40	.00	.1437
R-52	114552.40	664065.60	.91	.1755
R-52	114570.90	664067.20	1.83	.1391
R-52	114731.90	664081.30	3.66	.1097
R-52	114798.40	664087.10	5.49	.0976

Table D-2.1: Sediment Distribution Data for Duval County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-63	114901.90	660923.60	.00	.1669
R-63	114951.50	660932.30	.91	.1967
R-63	114979.70	660937.30	1.83	.1437
R-63	115133.60	660964.40	3.66	.1114
R-63	115210.90	660978.10	5.49	.1097
R-63	115306.90	660995.00	7.32	.1202
R-71	115295.80	658575.40	.00	.1538
R-71	115342.50	658583.60	.91	.1641
R-71	115372.00	658588.80	1.83	.1373
R-71	115515.40	658614.10	3.66	.1097
R-71	115591.10	658627.40	5.49	.1010
R-71	115679.40	658643.00	7.32	.0993

Table D-2.2: Sediment Distribution Data for Duval County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-1	115815.10	655935.00	.00	.2720
R-1	115849.20	655944.20	.91	.1745
R-1	115882.80	655953.20	1.83	.2035
R-1	116048.30	655997.50	3.66	.1220
R-1	116112.10	656014.60	5.49	.1140
R-1	116251.40	656051.90	7.32	.1176
R-9	116364.40	653530.30	.00	.2084
R-9	116384.10	653535.60	.91	.1851
R-9	116430.10	653547.90	1.83	.1908
R-9	116581.90	653588.60	3.66	.1176
R-9	116664.90	653610.80	5.49	.1158
R-9	116893.20	653671.90	9.14	.6855
R-18	117049.00	650685.60	.00	.2586
R-18	117085.40	650695.30	.91	.1957
R-18	117111.10	650702.30	1.83	.1548
R-18	117278.70	650747.10	3.66	.1132
R-18	117367.30	650770.90	5.49	.1123
R-18	117474.10	650799.50	7.32	.1071
R-27	117687.20	647936.10	.00	.1651
R-27	117728.10	647947.00	.91	.2617
R-27	117763.80	647956.60	1.83	.1548
R-27	117925.30	647999.90	3.66	.1140
R-27	118017.20	648024.50	5.49	.1158
R-27	118125.20	648053.40	7.32	.1036
R-27	118255.70	648088.40	9.14	.1167
R-36	118305.60	645167.30	.00	.1793
R-36	118338.20	645176.00	.91	.1812
R-36	118376.00	645186.20	1.83	.1483
R-36	118541.20	645230.40	3.66	.1176
R-36	118633.70	645255.20	5.49	.1132
R-36	118744.70	645284.90	7.32	.1211
R-36	118880.10	645321.30	9.14	.1373
R-45	118896.70	642356.60	.00	.1793
R-45	118924.30	642363.90	.91	.1707
R-45	118975.60	642377.70	1.83	.1557
R-45	119135.30	642420.50	3.66	.1045
R-45	119217.50	642442.60	5.49	.1123
R-45	119305.50	642466.10	7.32	.0993
R-54	119472.70	639573.50	.00	.3712
R-54	119503.60	639581.80	.91	.2855
R-54	119543.20	639592.40	1.83	.1391
R-54	119709.90	639637.10	3.66	.1045
R-54	119797.30	639660.50	5.49	.1088
R-54	119906.60	639689.80	7.32	.1019
R-54	120076.00	639735.10	9.14	.1193

Table D-3.1: Sediment Distribution Data for St. Johns County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-63	120072.80	636742.90	.00	.3161
R-63	120094.40	636748.70	.91	.2064
R-63	120141.10	636761.20	1.83	.1538
R-63	120317.60	636808.50	3.66	.1114
R-63	120400.20	636830.60	5.49	.1079
R-63	120501.20	636857.70	7.32	.1105
R-75	120753.90	632974.40	.00	.1717
R-75	120791.40	632984.50	.91	.1538
R-75	120849.40	633000.10	1.83	.1529
R-75	121022.30	633046.40	3.66	.1097
R-75	121111.20	633070.20	5.49	.1114
R-75	121212.80	633097.40	7.32	.0959
R-75	121362.90	633137.60	9.14	.1079
R-81	121135.60	631054.20	.00	.1726
R-81	121189.70	631068.70	.91	.1538
R-81	121240.40	631082.30	1.83	.1538
R-81	121415.10	631129.10	3.66	.1123
R-81	121498.60	631151.50	5.49	.1123
R-81	121591.60	631176.40	7.32	.0917
R-81	121696.40	631204.50	9.14	.0833
R-90	121753.00	628279.00	.00	.1688
R-90	121801.30	628291.90	.91	.1947
R-90	121843.60	628303.30	1.83	.1483
R-90	122029.50	628353.10	3.66	.1079
R-111	123278.80	621855.80	.00	.2700
R-111	123300.60	621861.60	.91	.1520
R-111	123359.60	621877.40	1.83	.1548
R-111	123548.30	621928.00	3.66	.1062
R-111	123649.00	621955.00	5.49	.9200
R-111	123827.70	622002.90	7.32	.0908
R-120	124274.00	619088.80	.00	.1622
R-120	124293.10	619093.90	.91	.1803
R-120	124340.40	619106.60	1.83	.1428
R-120	124567.50	619167.40	3.66	.1265
R-120	125120.00	619315.50	5.49	.1391
R-120	125540.50	619428.10	7.32	.1193
T-132	126088.20	614954.20	.00	.1957
T-132	126121.60	614963.10	.91	.2273
T-132	126153.00	614971.60	1.83	.1803
T-132	126281.30	615005.90	3.66	.1409
T-132	126341.60	615022.10	5.49	.1511

Table D-3.2: Sediment Distribution Data for St. Johns County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-144A	126731.60	611394.60	.00	.1548
R-144A	126762.30	611402.80	.91	.1651
R-144A	126881.70	611434.80	1.83	.1520
R-144A	127068.00	611484.80	3.66	.1373
R-144A	127189.10	611517.20	5.49	.1274
R-144A	127983.80	611730.10	7.32	.1140
R-153	126994.50	608676.80	.00	.1557
R-153	127029.80	608686.30	.91	.1755
R-153	127123.10	608711.30	1.83	.1707
R-153	127302.30	608759.30	3.66	.1355
R-153	127389.80	608782.80	5.49	.1079
R-153	127540.70	608823.10	7.32	.1071
R-153	127841.50	608903.80	9.14	.1045
R-162	127306.20	605922.50	.00	.1548
R-162	127367.50	605938.90	.91	.1707
R-162	127425.80	605954.50	1.83	.1707
R-162	127591.60	605998.90	3.66	.1300
R-162	127680.40	606022.80	5.49	.1220
R-162	127768.40	606046.30	7.32	.1167
R-162	127846.90	606067.40	9.14	.1002
T-171	127866.90	603175.90	.00	.1492
T-171	127909.40	603187.30	.91	.1604
T-171	127986.40	603207.90	1.83	.1755
T-171	128176.60	603258.90	3.66	.1328
T-171	128262.00	603281.80	5.49	.1167
T-171	128340.00	603302.70	7.32	.1184
T-171	128443.10	603330.30	9.14	.1097
R-180	128625.80	600557.20	.00	.1483
R-180	128677.80	600571.10	.91	.1651
R-180	128763.80	600594.20	1.83	.1755
R-180	128859.00	600619.70	3.66	.1346
R-180	129048.10	600670.30	5.49	.1202
R-180	129129.90	600692.30	7.32	.1167
R-180	129232.50	600719.80	9.14	.1211
R-189	129538.20	597947.20	.00	.1641
R-189	129610.70	597966.60	.91	.2413
R-189	129689.60	597987.80	1.83	.1585
R-189	129860.40	598033.60	3.66	.1337
R-189	129948.70	598057.20	5.49	.1291
R-189	130032.70	598079.70	7.32	.1202
R-189	130142.00	598109.00	9.14	.1211

Table D-3.3: Sediment Distribution Data for St. Johns County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-195	130307.00	596241.80	.00	.1669
R-195	130366.20	596257.60	.91	.2143
R-195	130448.40	596279.70	1.83	.1585
R-195	130713.60	596350.80	3.66	.1391
R-195	130803.40	596374.80	5.49	.1256
R-195	130895.70	596399.60	7.32	.1247
R-195	130996.90	596426.60	9.14	.1193
R-207	131507.20	592082.70	.00	.5280
R-207	131556.00	592095.80	1.83	.1319
R-207	131677.80	592128.40	3.66	.1309
R-207	131856.20	592176.20	5.49	.1176
R-207	131969.90	592206.70	7.32	.1140
R-207	132148.80	592254.60	9.14	.1071

Table D-3.4: Sediment Distribution Data for St. Johns County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-6	132294.90	589936.30	.00	.6257
R-6	132314.50	589943.40	.91	.1538
R-6	132330.40	589949.20	1.83	.1538
R-6	132440.90	589989.40	3.66	.1538
R-6	132718.10	590090.30	7.32	.1274
R-6	132834.60	590132.70	9.14	.1291
R-15	133192.60	587417.30	.00	.3988
R-15	133214.80	587425.40	.91	.2015
R-15	133256.30	587440.50	1.83	.1566
R-15	133397.40	587491.90	3.66	.1446
R-15	133519.30	587536.30	5.49	.1265
R-15	133603.60	587566.90	7.32	.1283
R-15	133695.90	587600.50	9.14	.1446
R-21	133825.00	585751.90	.00	.5339
R-21	133876.70	585770.80	.91	.1860
R-21	133896.80	585778.10	1.83	.1511
R-21	133930.10	585790.20	3.66	.1391
R-21	134254.30	585908.20	7.32	.1520
R-21	134342.20	585940.20	9.14	.1474
R-30	134763.80	583208.60	.00	.6781
R-30	134801.00	583222.20	.91	.1745
R-30	134822.80	583230.10	1.83	.1511
R-30	134875.00	583249.10	3.66	.1274
R-30	135086.50	583326.10	5.49	.1238
R-30	135165.40	583354.90	7.32	.1176
R-30	135274.20	583394.40	9.14	.1211
R-45	136314.00	579098.10	.00	1.0345
R-45	136342.20	579108.40	.91	.2183
R-45	136372.50	579119.40	1.83	.1492
R-45	136510.70	579169.80	3.66	.1300
R-45	136638.30	579216.20	5.49	.1291
R-45	136719.00	579245.60	7.32	.1193
R-45	136809.30	579278.40	9.14	.1247

Table D-4.1: Sediment Distribution Data for Flagler County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-51	136997.00	577426.50	.00	.7214
R-51	137027.10	577437.50	.91	.2064
R-51	137051.70	577446.40	1.83	.1594
R-51	137176.60	577491.90	3.66	.1391
R-51	137335.10	577549.60	5.49	.1238
R-51	137421.40	577581.00	7.32	.1291
R-51	137421.40	577581.00	7.32	.1247
R-51	137488.90	577605.60	9.14	.1220
R-57	137613.20	576110.90	.00	.7276
R-57	137628.60	576116.50	.91	.2045
R-57	137647.00	576123.30	1.83	.1660
R-57	137778.00	576170.90	3.66	.1382
R-57	137913.60	576220.30	5.49	.1274
R-57	137994.30	576249.60	7.32	.1337
R-57	138088.10	576283.80	9.14	.1373
R-72	139354.70	572037.80	.00	.5210
R-72	139371.50	572043.90	.91	.1851
R-72	139392.00	572051.40	1.83	.1679
R-72	139541.60	572105.80	3.66	.1291
R-72	139684.70	572157.90	5.49	.1256
R-72	139774.30	572190.50	7.32	.1123
R-72	139854.80	572219.80	9.14	.1140
R-78	140047.60	570427.00	.00	.2950
R-78	140070.50	570435.30	.91	.2283
R-78	140091.00	570442.80	1.83	.1660
R-78	140262.60	570505.30	3.66	.1455
R-78	140365.20	570542.60	5.49	.1274
R-78	140447.10	570572.40	7.32	.1238
R-78	140516.70	570597.80	9.14	.1140
R-87	141025.70	568045.40	.00	.4884
R-87	141050.60	568054.50	.91	.2363
R-87	141070.60	568061.80	1.83	.2918
R-87	141255.20	568129.00	3.66	.1391
R-87	141359.40	568166.90	5.49	.1274
R-87	141450.60	568200.10	7.32	.1409
R-87	141546.50	568235.00	9.14	.1501
R-99	142253.70	564883.20	.00	.4189
R-99	142276.50	564891.50	.91	.2223
R-99	142293.40	564897.60	1.83	.1698
R-99	142293.40	564897.60	1.83	.1803
R-99	142390.90	564933.10	3.66	.1501
R-99	142606.80	565011.70	5.49	.1220
R-99	142685.30	565040.30	7.32	.1283
R-99	142774.30	565072.70	9.14	.1265

Table D-4.2: Sediment Distribution Data for Flagler County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-10	143471.20	561889.40	.00	.1822
R-10	143548.20	561933.90	1.83	.1538
R-10	143694.80	562018.50	3.66	.1382
R-10	143764.70	562058.90	5.49	.1283
R-10	143893.70	562133.40	7.32	.1220
R-10	143991.30	562189.70	9.14	.1247
R-18	144345.80	559709.90	.00	.2403
R-18	144389.40	559735.10	.91	.3734
R-18	144413.20	559748.90	1.83	.1632
R-18	144575.50	559842.60	3.66	.1409
R-18	144673.60	559899.30	5.49	.1220
R-18	144774.50	559957.50	7.32	.1291
R-18	144869.00	560012.00	9.14	.1184
R-28	145436.30	557044.60	.00	.2193
R-28	145458.30	557057.30	.91	.2627
R-28	145517.10	557091.20	1.83	.1474
R-28	145674.80	557182.30	3.66	.1400
R-28	145751.20	557226.40	5.49	.1256
R-28	145845.30	557280.70	7.32	.4884
R-28	145930.90	557330.10	9.14	.1937
T-36	146329.60	554924.50	.00	.2403
T-36	146349.30	554935.90	.91	.2535
T-36	146413.50	554972.90	1.83	.1474
T-36	146559.70	555057.40	3.66	.1391
T-36	146668.80	555120.40	5.49	.1238
T-36	146793.60	555192.40	7.32	.1211
T-36	146916.40	555263.30	9.14	.1238
R-46	147409.00	552313.10	.00	.4942
R-46	147437.30	552329.40	.91	.4643
R-46	147451.30	552337.60	1.83	.1576
R-46	147638.10	552445.40	3.66	.1428
R-46	147748.20	552508.90	5.49	.1247
R-46	147858.00	552572.40	7.32	.1265
R-46	147957.80	552630.00	9.14	.1418

Table D-5.1: Sediment Distribution Data for Volusia County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-55	148455.30	549833.10	.00	.3343
R-55	148495.30	549856.20	.91	.2535
R-55	148514.00	549867.00	1.83	.1520
R-55	148703.70	549976.50	3.66	.1319
R-55	148794.70	550029.10	5.49	.1274
R-55	148904.50	550092.50	7.32	.1291
R-55	149007.10	550151.70	9.14	.1337
R-63	149349.90	547728.90	.00	.2363
R-63	149374.70	547743.30	.91	.1860
R-63	149422.30	547770.80	1.83	.1446
R-63	149602.20	547874.60	3.66	.1418
R-63	149708.60	547936.10	5.49	.1265
R-63	149817.10	547998.70	7.32	.1309
R-63	149910.90	548052.80	9.14	.1455
T-81	151459.40	542905.90	.00	.1698
T-81	151474.90	542914.90	.91	.2084
T-81	151560.00	542964.00	1.83	.1455
T-81	151744.40	543070.40	3.66	.1446
T-81	151849.60	543131.20	5.49	.1291
T-81	151949.00	543188.60	7.32	.1184
T-81	152048.20	543245.80	9.14	.1211
R-90	152454.60	540552.10	.00	.2689
R-90	152475.40	540564.10	.91	.1538
R-90	152493.20	540574.40	1.83	.1409
R-90	152725.00	540708.20	3.66	.1300
R-90	152833.30	540770.80	5.49	.1373
R-90	152931.30	540827.30	7.32	.1283
R-90	153027.60	540882.90	9.14	.1149
T-99	153476.20	538192.40	.00	.2720
T-99	153525.00	538220.70	.91	.1520
T-99	153583.40	538254.40	1.83	.1337
T-99	153752.70	538352.10	3.66	.1346
T-99	153857.70	538412.70	5.49	.1256
T-99	153952.60	538467.50	7.32	.1184
T-99	154037.50	538516.60	9.14	.1176
T-109	154720.70	535493.40	.00	.1632
T-109	154753.20	535512.20	.91	.1641
T-109	154837.50	535560.90	1.83	.1364
T-109	154993.00	535650.60	3.66	.1346
T-109	155095.40	535709.80	5.49	.1283
T-109	155113.10	535720.00	7.32	.1184
T-109	155288.20	535821.10	9.14	.1149

Table D-5.2: Sediment Distribution Data for Volusia County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-119	155968.60	532909.00	.00	.2094
R-119	155996.10	532924.90	.91	.1355
R-119	156083.80	532975.50	1.83	.1455
R-119	156261.90	533078.30	3.66	.1373
R-119	156365.90	533138.40	5.49	.1184
R-119	156461.30	533193.40	7.32	.1158
R-119	156544.90	533241.80	9.14	.1158
T-127	156989.70	530808.10	.00	.1755
T-127	157055.60	530846.30	.91	.2094
T-127	157127.40	530887.70	1.83	.1455
T-127	157267.80	530968.70	3.66	.1391
T-127	157368.00	531026.60	5.49	.1211
T-127	157456.20	531077.50	7.32	.1220
T-127	157551.20	531132.30	9.14	.1247
R-136	158284.30	528524.00	.00	.2114
R-136	158332.40	528551.80	.91	.1520
R-136	158364.60	528570.30	1.83	.1437
R-136	158559.80	528683.10	3.66	.1309
R-136	158648.50	528734.30	5.49	.1265
R-136	158737.90	528785.90	7.32	.1202
R-136	158847.80	528849.40	9.14	.1256
R-145	159701.90	526433.80	.00	.1717
R-145	159746.50	526459.50	.91	.2576
R-145	159811.00	526496.80	1.83	.1483
R-145	159958.00	526581.70	3.66	.1446
R-145	160070.30	526646.50	5.49	.1283
R-145	160225.70	526736.20	7.32	.1391
R-145	160515.80	526903.70	9.14	.1328
R-154	161459.50	523971.10	.00	.1622
R-154	161520.60	524006.30	.91	.1364
R-154	161546.20	524021.10	1.83	.1437
R-154	161688.40	524103.30	3.66	.1291
R-154	162018.20	524293.70	5.49	.1274
R-154	162305.30	524459.40	7.32	.1184
R-154	162493.60	524568.10	9.14	.1211
R-162	162379.80	521793.20	.00	.1870
R-162	162427.70	521820.90	.91	.1501
R-162	162446.80	521831.90	1.83	.1382
R-162	162629.00	521937.20	3.66	.1409
R-162	162744.80	522004.00	5.49	.1256
R-162	162882.30	522083.30	7.32	.1176
R-162	163141.40	522232.90	9.14	.1167

Table D-5.3: Sediment Distribution Data for Volusia County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-171	163597.60	519434.70	.00	.1851
R-171	163645.80	519462.50	.91	.1428
R-171	163708.60	519498.70	1.83	.1409
R-171	163865.20	519589.10	3.66	.1355
R-171	163965.00	519646.80	5.49	.1247
R-171	164064.60	519704.30	7.32	.1247
R-171	164215.30	519791.30	9.14	.1193
R-180	164836.40	517142.00	.00	.1418
R-180	164890.40	517173.20	.91	.1418
R-180	164940.60	517202.10	1.83	.1400
R-180	165140.60	517317.60	3.66	.1501
R-180	165233.00	517371.00	5.49	.1283
R-180	165330.50	517427.20	7.32	.1211
R-180	165431.80	517485.70	9.14	.1202
T-188	165962.10	515140.50	.00	.1841
T-188	166097.90	515218.90	1.83	.1418
T-188	166276.30	515321.90	3.66	.1373
T-188	166356.00	515367.90	5.49	.1265
T-188	166443.50	515418.40	7.32	.1211
T-188	166541.30	515474.90	9.14	.1105
T-197	167256.00	512955.50	.00	.1698
T-197	167368.40	513020.40	1.83	.1474
T-197	167535.20	513116.70	3.66	.1418
T-197	167639.00	513176.60	5.49	.1274
T-197	167727.40	513227.60	7.32	.1176
T-197	167815.70	513278.70	9.14	.1149
R-206	168625.60	510725.00	.00	.4313
R-206	168741.20	510791.80	1.83	.1418
R-206	168888.20	510876.70	3.66	.1391
R-206	168993.80	510937.60	5.49	.1274
R-206	169062.20	510977.10	7.32	.1158
R-206	169138.70	511021.30	9.14	.8772
R-220	170743.20	507213.50	.00	.6646
R-220	170753.90	507219.70	.91	.6646
R-220	170861.50	507281.80	1.83	.1483
R-220	171007.90	507366.30	3.66	.1373
R-220	171096.20	507417.30	5.49	.1247
R-220	171174.30	507462.40	7.32	.1158
R-220	171296.00	507532.70	9.14	.1184

Table D-5.4: Sediment Distribution Data for Volusia County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-226	171607.00	505800.40	.00	.1707
R-226	171615.80	505805.50	.91	.1726
R-226	171691.80	505849.40	1.83	.1446
R-226	171865.70	505949.80	3.66	.1346
R-226	171921.20	505981.80	5.49	.1265
R-226	172092.80	506080.90	7.32	.1265
R-226	172147.30	506112.30	9.14	.1114
R-234	172810.90	503785.00	.00	.1688
R-234	172838.60	503801.00	.91	.7526
R-234	172923.40	503850.00	1.83	.1437
R-234	173089.70	503946.00	3.66	.1382
R-234	173172.00	503993.50	5.49	.1291

Table D-5.5: Sediment Distribution Data for Volusia County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-3	192359.90	450801.20	.00	.1418
R-3	192402.20	450801.20	.91	.1132
R-3	192635.50	450801.20	3.66	.1002
R-3	192829.10	450801.20	5.49	.0984
R-3	193186.20	450801.20	7.32	.1019
R-9	191863.80	449125.30	.00	.1176
R-9	191890.70	449125.30	.91	.1088
R-9	192130.40	449125.30	3.66	.0891
R-9	192331.30	449125.30	5.49	.0883
R-9	192635.10	449125.30	7.32	.0743
R-18	191316.30	446557.80	.00	.1140
R-18	191357.30	446557.80	.91	.0984
R-18	191620.60	446557.80	3.66	.0817
R-18	191796.70	446557.80	5.49	.0866
R-18	192029.90	446557.80	7.32	.0784
R-30	190937.20	443014.20	.00	.1364
R-30	190981.30	443014.20	.91	.1019
R-30	191240.70	443014.20	3.66	.0833
R-30	191407.10	443014.20	5.49	.0950
R-30	191632.40	443014.20	7.32	.0841
R-36	190863.10	441312.00	.00	.1346
R-36	190917.00	441312.00	.91	.1613
R-36	191162.80	441312.00	3.66	.0841
R-36	191345.70	441312.00	5.49	.0767
R-36	191600.60	441312.00	7.32	.0792
R-54	191111.30	436030.10	.00	.2293
R-54	191131.30	436030.10	.91	.2293
R-54	191390.10	436030.10	3.66	.0984
R-54	191559.20	436030.10	5.49	.0841
R-54	191757.60	436030.10	7.32	.0808
R-54	192071.10	436030.10	9.14	.1220
R-63-T	191464.70	433383.50	.00	.1660
R-63-T	191493.40	433383.50	.91	.1202
R-63-T	191731.70	433383.50	3.66	.0976
R-63-T	191870.30	433383.50	5.49	.0976
R-63-T	192041.70	433383.50	7.32	.2495
R-63-T	192389.60	433383.50	9.14	.0743

Table D-6.1: Sediment Distribution Data for Brevard County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-72-T	191825.60	430777.90	.00	.2253
R-72-T	191855.10	430777.90	.91	.1265
R-72-T	192053.30	430777.90	3.66	.0858
R-72-T	192218.20	430777.90	5.49	.0800
R-72-T	192414.00	430777.90	7.32	.0784
R-72-T	192648.40	430777.90	9.14	.0775
R-81	192193.80	428167.50	.00	.1641
R-81	192221.10	428167.50	.91	.1256
R-81	192410.20	428167.50	3.66	.0908
R-81	192584.40	428167.50	5.49	.0866
R-81	192781.60	428167.50	7.32	.1053
R-81	193044.90	428167.50	9.14	.1045
R-90-T	192711.60	425744.80	.00	.1937
R-90-T	192731.40	425748.30	.91	.1400
R-90-T	192916.30	425781.00	3.66	.0891
R-90-T	193060.40	425806.40	5.49	.0967
R-90-T	193245.30	425839.00	7.32	.1492
R-90-T	193495.30	425883.00	9.14	.0900
R-99	193295.40	423254.80	.00	.2556
R-99	193321.70	423259.50	.91	.1908
R-99	193384.80	423270.60	1.83	.1594
R-99	193502.00	423291.30	3.66	.0917
R-99	193627.30	423313.30	5.49	.0808
R-99	193823.50	423347.90	7.32	.0866
R-99	194116.30	423399.60	9.14	.0833
R-108	193911.20	420671.70	.00	.3321
R-108	193936.00	420676.00	.91	.1745
R-108	193991.40	420685.80	1.83	.1717
R-108	194104.00	420705.60	3.66	.0875
R-108	194289.20	420738.30	5.49	.0833
R-108	194492.40	420774.10	7.32	.0993
R-108	194720.90	420814.40	9.14	2.7432
R-117-T	194574.80	418151.50	.00	.8605
R-117-T	194591.50	418154.50	.91	1.1135
R-117-T	194670.00	418168.30	1.83	.3055
R-117-T	194776.20	418187.00	3.66	.0900
R-117-T	194958.90	418219.30	5.49	.0841
R-117-T	195114.80	418246.80	7.32	.0825
R-117-T	195353.40	418288.80	9.14	.0825
R-126-T	195348.20	415615.00	.00	.3581
R-126-T	195375.00	415619.70	.91	.9658
R-126-T	195448.60	415632.70	1.83	.2876
R-126-T	195579.70	415655.80	3.66	.0891
R-126-T	195743.30	415684.70	5.49	.0833
R-126-T	195908.90	415713.90	7.32	.0825
R-126-T	196106.50	415748.70	9.14	.0711

Table D-6.2: Sediment Distribution Data for Brevard County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-132	195905.60	414049.00	.00	.4495
R-132	195923.50	414052.20	.91	1.6133
R-132	195987.20	414063.40	1.83	.4268
R-132	196122.90	414087.30	3.66	.0858
R-132	196451.60	414145.30	7.32	.0850
R-132	196648.40	414180.00	9.14	.0711
R-144	197188.70	410768.80	.00	.3214
R-144	197207.30	410775.60	.91	.2793
R-144	197265.00	410796.60	1.83	.2474
R-144	197381.90	410839.10	3.66	.0917
R-144	197516.30	410888.00	5.49	.0808
R-144	197634.20	410930.90	7.32	.0719
R-144	197808.60	410994.40	9.14	.0687
R-156	198593.50	407593.50	.00	.3527
R-156	198609.80	407599.40	.91	.9947
R-156	198657.40	407616.80	1.83	1.0159
R-156	198785.70	407663.50	3.66	.0883
R-156	198911.40	407709.20	5.49	.0841
R-156	199020.90	407749.10	7.32	1.2046
R-165	199681.60	405249.70	.00	.6634
R-165	199693.10	405253.90	.91	1.6815
R-165	199876.70	405320.70	3.66	.0841
R-165	199994.80	405363.70	5.49	.0800
R-165	200139.50	405416.40	7.32	.0775
R-165	200310.70	405478.70	9.14	.0751
R-171-T	200445.00	403549.90	.00	.3055
R-171-T	200457.30	403554.40	.91	.5944
R-171-T	200471.90	403559.70	1.83	.1529
R-171-T	200630.00	403617.30	3.66	.0858
R-171-T	200740.40	403657.40	5.49	.0833
R-171-T	200847.10	403696.30	7.32	.0759
R-171-T	200961.60	403737.90	9.14	.0767
R-180	201637.10	401132.40	.00	.3225
R-180	201654.90	401135.60	.91	.2525
R-180	201692.60	401142.20	1.83	.2273
R-180	201814.60	401163.70	3.66	.0917
R-180	201930.30	401184.20	5.49	.0808
R-180	202043.40	401204.10	7.32	.0784
R-180	202216.10	401234.50	9.14	.0703

Table D-6.3: Sediment Distribution Data for Brevard County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-189	202791.80	398805.90	.00	.4426
R-189	202804.50	398810.50	.91	.2607
R-189	202851.50	398827.60	1.83	.2363
R-189	202965.40	398869.10	3.66	.0883
R-189	203048.40	398899.30	5.49	.0817
R-189	203146.00	398934.80	7.32	.0767
R-189	203272.10	398980.70	9.14	.0775
R-198	204074.10	396337.80	.00	.5105
R-198	204082.10	396338.40	.91	.9829
R-198	204127.10	396342.40	1.83	.2835
R-198	204231.30	396351.50	3.66	.0891
R-198	204318.70	396359.20	5.49	.0784
R-198	204432.20	396369.10	7.32	.0711
R-207	205306.60	394018.40	.00	.4643
R-207	205314.90	394021.40	.91	1.6495
R-207	205366.50	394040.20	1.83	.8132
R-207	205449.80	394070.50	3.66	.0883
R-207	205522.40	394096.90	5.49	.0792
R-207	205619.40	394132.20	7.32	.0735
R-207	205742.20	394176.90	9.14	2.0124
R-216-T	206439.60	391764.00	.00	.5634
R-216-T	206444.90	391765.90	.91	.6671
R-216-T	206495.50	391784.30	1.83	.4178
R-216-T	206554.50	391805.80	3.66	.1027
R-216-T	206601.80	391823.00	5.49	.0825
R-216-T	206711.40	391862.90	7.32	.0743
R-216-T	206839.80	391909.60	9.14	.0800

Table D-6.4: Sediment Distribution Data for Brevard County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-6	207542.00	389243.60	.00	.4873
R-6	207550.20	389246.60	.91	.2193
R-6	207567.60	389252.90	1.83	.1870
R-6	207713.20	389305.90	3.66	1.0106
R-6	207897.00	389372.80	7.32	.7388
R-6	208037.50	389423.90	9.14	.5980
R-15	208704.90	386797.10	.00	.3944
R-15	208713.70	386800.30	.91	1.2211
R-15	208812.70	386836.40	1.83	.7740
R-15	208947.90	386885.60	3.66	1.7400
R-15	209022.00	386912.50	5.49	.7040
R-15	209109.50	386944.40	7.32	.6112
R-15	209249.60	386995.40	9.14	.6269
R-27	210237.60	383538.70	.00	.5339
R-27	210241.80	383540.20	.91	1.6961
R-27	210290.90	383558.10	1.83	.5409
R-27	210537.30	383647.70	3.66	.1501
R-27	210567.60	383658.80	5.49	.1027
R-27	210617.80	383677.00	7.32	.0883
R-27	210743.10	383722.70	9.14	.7476
R-42	212206.20	379486.80	.00	.2876
R-42	212221.10	379492.30	.91	.2303
R-42	212250.00	379502.80	1.83	.1167
R-42	212466.30	379581.50	3.66	.1220
R-42	212741.90	379681.80	5.49	.3636
R-42	212829.60	379713.80	7.32	.3451
R-42	212964.20	379762.70	9.14	.4586
R-51	213357.30	377001.00	.00	.9974
R-51	213380.20	377009.30	.91	.1585
R-51	213401.20	377017.00	1.83	.0942
R-51	213845.80	377178.80	3.66	.1158
R-51	213940.70	377213.30	5.49	.1184
R-51	214032.30	377246.60	7.32	.4472
T-60	214100.20	374343.10	.00	.3745
T-60	214128.30	374353.30	.91	.5776
T-60	214158.20	374364.20	1.83	.1446
T-60	214231.30	374390.80	3.66	.1036
T-60	214309.30	374419.20	5.49	.0925
T-60	214726.20	374570.90	7.32	.0800

Table D-7.1: Sediment Distribution Data for Indian County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-69	214959.20	371722.90	.00	.4089
R-69	214990.00	371734.10	.91	.2373
R-69	215019.80	371745.00	1.83	.1860
R-69	215555.00	371939.80	5.49	.0808
R-69	215609.40	371959.60	7.32	.1088
R-78	215703.20	369023.60	.00	.7028
R-78	215725.80	369031.80	.91	.2454
R-78	215748.00	369039.90	1.83	.0993
R-78	216318.30	369247.50	5.49	.7526
R-78	216344.80	369257.20	7.32	.0833
R-90	216469.60	365594.10	.00	.4234
R-90	216489.60	365601.40	.91	.5693
R-90	216509.60	365608.70	1.83	.3332
R-90	216561.30	365627.50	3.66	.4563
R-90	216627.30	365651.50	5.49	.6196
T-96	217096.20	363883.60	.00	.3955
T-96	217108.80	363888.20	.91	.8400
T-96	217163.40	363908.10	1.83	.2074
R-108	218656.90	360719.80	.00	.5012
R-108	218678.30	360727.70	.91	.5657
R-108	218702.90	360736.60	1.83	.1256
R-108	218746.80	360752.60	3.66	.6293
R-114	218968.20	358988.30	.00	.4078
R-114	218987.70	358995.40	.91	.1319
R-114	219061.40	359022.20	1.83	.1803
R-114	219614.30	359223.40	3.66	.4268
R-114	219779.40	359283.50	5.49	.4325

Table D-7.2: Sediment Distribution Data for Indian County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-3	219609.20	356583.90	.00	.1764
R-3	219624.70	356586.70	.91	.1355
R-3	219659.70	356592.80	1.83	.1027
R-3	219909.00	356636.80	3.66	2.4099
R-3	221362.00	356893.00	5.49	.3922
R-3	221659.80	356945.50	7.32	.8695
R-3	221814.80	356972.80	9.14	.7689
R-15	220619.50	353125.00	.00	.2929
R-15	220629.70	353128.80	.91	.1437
R-15	220689.30	353150.40	1.83	.1149
R-15	220740.40	353169.00	3.66	.8438
R-15	221385.40	353403.80	5.49	.3922
R-15	221460.30	353431.10	7.32	.3922
R-15	221645.80	353498.60	9.14	.8656
R-24	221624.00	350617.00	.00	.1594
R-24	221652.90	350627.50	.91	.1079
R-24	221681.70	350638.00	1.83	.2403
R-24	222358.60	350884.40	5.49	1.0933
R-24	222352.10	350882.00	7.32	.8798
R-24	222548.30	350953.40	9.14	.7967
R-33	222558.40	348040.50	.00	.5163
R-33	222619.90	348062.90	.91	.1492
R-33	222674.20	348082.70	1.83	.1319
R-33	223126.10	348247.10	5.49	1.0505
R-33	223225.30	348283.20	7.32	.8772
T-42	223212.40	345368.50	.00	.3002
T-42	223225.10	345373.10	.91	.1274
T-42	223289.30	345396.50	1.83	.1149
T-42	224106.80	345694.00	5.49	.4654
T-42	224425.50	345810.10	7.32	.0866
R-54	224425.50	341937.80	.00	.2333
R-54	224469.10	341953.60	.91	.1211
R-54	224525.70	341974.20	1.83	.1238
R-54	224858.60	342095.40	5.49	.0858
R-54	225090.30	342179.70	7.32	.0841
R-54	225236.20	342232.80	9.14	.0841

Table D-8.1: Sediment Distribution Data for St. Lucie County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
T-63	225275.50	339370.70	.00	.1774
T-63	225283.00	339373.50	.91	.1319
T-63	225349.40	339397.60	1.83	.1464
T-63	225621.50	339496.70	7.32	.0850
T-63	225728.20	339535.50	9.14	.9894
R-72	226541.90	336954.50	.00	.2824
R-72	226565.50	336963.10	.91	.1529
R-72	226587.50	336971.10	1.83	.1622
R-72	226735.10	337024.80	3.66	.1036
R-72	226805.50	337050.40	5.49	.6221
R-72	226963.90	337108.10	7.32	.4268
R-72	227181.30	337187.20	9.14	.7177
R-78	227341.10	335331.60	.00	.6561
R-78	227360.20	335338.60	.91	.0976
R-78	227372.70	335343.10	1.83	.1202
R-78	227612.90	335430.50	5.49	.1492
R-78	227757.30	335483.10	7.32	.7942
R-78	227879.30	335527.50	9.14	.0841
R-87	228353.90	332837.00	.00	.2638
R-87	228361.00	332839.60	.91	.1211
R-87	228442.80	332869.30	1.83	.1346
R-87	228551.30	332908.80	3.66	.1002
R-87	228627.90	332936.70	5.49	.1010
R-87	228737.30	332976.50	7.32	.0900
R-87	228883.20	333029.60	9.14	.8528
R-99	229668.50	329482.50	.00	.9566
R-99	229675.20	329485.00	.91	.1319
R-99	229725.30	329503.20	1.83	.1455
R-99	229892.70	329564.10	3.66	.0925
R-99	229982.90	329597.00	5.49	.0917
R-99	230053.50	329622.70	7.32	.0950
R-99	230229.20	329686.60	9.14	.7264
R-105	230341.40	327804.20	.00	.5374
R-105	230364.00	327812.40	.91	.1373
R-105	230393.50	327823.10	1.83	.1184
R-105	230535.80	327874.90	3.66	.1019
R-105	230609.10	327901.60	5.49	.1036
R-105	230696.50	327933.40	7.32	.4942
R-105	231246.80	328133.70	9.14	.0875
R-114	231398.70	325314.40	.00	.4815
R-114	231411.90	325319.20	.91	.1501
R-114	231417.50	325321.30	1.83	.1698
R-114	231601.50	325388.20	3.66	.0984
R-114	231704.80	325425.80	5.49	.0984
R-114	231812.20	325464.90	7.32	.0900
R-114	231955.60	325517.10	9.14	.0866

Table D-8.2: Sediment Distribution Data for St. Lucie County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-24	234376.10	319080.90	.00	.2876
R-24	234396.90	319088.90	.91	.6016
R-24	234423.60	319099.20	1.83	.1726
R-24	234549.40	319147.50	3.66	.1140
R-24	234614.70	319172.50	5.49	.1019
R-24	234686.90	319200.30	7.32	.0950
R-24	234826.00	319253.60	9.14	.8464
R-114	242755.30	295961.40	.00	.3182
R-114	242774.10	295968.70	.91	.1501
R-114	242860.20	296001.70	1.83	.1265
R-114	243161.20	296117.30	3.66	.1158
R-114	243282.50	296163.80	5.49	.1002
R-114	243448.00	296227.30	7.32	.1088
R-123	243352.30	293594.10	.00	.1764
R-123	243360.70	293597.30	.91	.1764
R-123	243553.30	293671.30	3.66	.1071

Table D-9: Sediment Distribution Data for Martin County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-6	244009.50	291312.80	.00	.3745
R-6	244028.30	291316.20	.91	.3933
R-6	244061.60	291322.00	1.83	.1418
R-6	244239.30	291353.30	3.66	.1114
R-6	244600.70	291417.10	5.49	.1027
R-6	244851.60	291461.30	7.32	.1010
R-6	245161.30	291515.90	9.14	.1088
R-15	244756.80	288857.50	.00	.5175
R-15	244765.00	288859.70	.91	.2454
R-15	244781.90	288864.30	1.83	.1409
R-15	245236.30	288986.00	3.66	.1202
R-15	245436.30	289039.60	5.49	.1088
R-15	245661.80	289100.00	7.32	.1027
R-15	245815.90	289141.30	9.14	.1229
T-24	245495.80	286056.30	.00	.9278
T-24	245504.70	286058.70	.91	.8400
T-24	245515.40	286061.60	1.83	.1300
T-24	245755.40	286125.90	3.66	.1158
T-24	246001.10	286191.70	5.49	.1140
T-24	246219.90	286250.30	7.32	.1176
T-24	246461.80	286315.20	9.14	.1176
R-33	246258.10	283296.30	.00	.3055
R-33	246265.30	283298.30	.91	1.0412
R-33	246370.80	283326.50	1.83	.1355
R-33	246446.60	283346.80	3.66	.1176
R-33	246771.80	283434.00	5.49	.1079
R-33	246948.30	283481.30	7.32	.1002
R-33	247158.20	283537.50	9.14	.1071
R-42	247043.80	280663.40	.00	.4055
R-42	247053.60	280666.10	.91	.3119
R-42	247074.90	280671.80	1.83	.2223
R-42	247301.50	280732.50	3.66	.1140
R-42	247496.20	280784.70	5.49	.1045
R-42	247660.50	280828.70	7.32	.0984
R-42	247811.00	280869.00	9.14	.1123

Table D-10.1: Sediment Distribution Data for Palm Beach County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-51	247640.90	277811.10	.00	.8528
R-51	247652.90	277814.40	.91	.2535
R-51	247673.30	277819.80	1.83	.2035
R-51	247786.30	277850.10	3.66	.1220
R-51	248047.30	277920.00	5.49	.1176
R-51	248190.90	277958.50	7.32	.1123
R-51	248371.50	278006.90	9.14	.1229
R-69	248625.60	272393.60	.00	1.2762
R-69	248642.90	272393.60	.91	.1841
R-69	248757.80	272393.60	1.83	.2114
R-69	248830.90	272393.60	3.66	.1455
R-69	249018.50	272393.60	5.49	.1062
R-69	249141.40	272393.60	7.32	.1114
R-69	249293.00	272393.60	9.14	.1184
R-78	248177.70	269679.90	.00	.6745
R-78	248194.80	269684.50	.91	.3516
R-78	248219.40	269691.10	1.83	.2163
R-78	248339.00	269723.10	3.66	.1400
R-78	248441.40	269750.60	5.49	.1229
R-78	249008.80	269902.60	7.32	.1529
R-78	249125.30	269933.80	9.14	.6076
R-96	248587.00	263544.30	.00	.5705
R-96	248602.60	263545.60	.91	.4246
R-96	248639.60	263548.90	1.83	.1812
R-96	248941.90	263575.30	3.66	.3129
R-96	248992.30	263579.80	5.49	.1492
R-96	249084.60	263587.80	7.32	.1400
R-96	249195.00	263597.50	9.14	.1328
R-105	248422.10	260342.20	.00	.4212
R-105	248437.70	260336.50	.91	.3023
R-105	248537.40	260300.20	1.83	.2153
R-105	248592.20	260280.20	3.66	.1400
R-105	248736.70	260227.70	5.49	.1337
R-105	248884.20	260174.00	7.32	.1822
R-105	249120.50	260088.00	9.14	.1319
R-114	248283.80	257381.50	.00	.2992
R-114	248297.50	257381.50	.91	.6794
R-114	248314.50	257381.50	1.83	.1967
R-114	248540.00	257381.50	3.66	.1382
R-114	248598.10	257381.50	5.49	.2484
R-114	248746.60	257381.50	7.32	.1337
R-114	248983.10	257381.50	9.14	.1300

Table D-10.2: Sediment Distribution Data for Palm Beach County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-123	248290.90	254679.70	.00	.4574
R-123	248299.20	254679.70	.91	.5327
R-123	248376.00	254679.70	1.83	.1717
R-123	248549.10	254679.70	3.66	.1346
R-123	248634.30	254679.70	5.49	.1538
R-123	248737.50	254679.70	7.32	.1437
R-123	248957.30	254679.70	9.14	.1400
R-132	248341.20	251466.70	.00	.6233
R-132	248358.60	251465.20	.91	.2303
R-132	248388.00	251462.60	1.83	.1651
R-132	248578.90	251445.90	3.66	.1274
R-132	248653.70	251439.40	5.49	.1355
R-132	248833.50	251423.60	7.32	.2263
R-132	248993.60	251409.60	9.14	.1346
R-141	248215.70	248507.10	.00	.4815
R-141	248237.80	248505.20	.91	.2223
R-141	248259.30	248503.30	1.83	.1764
R-141	248414.00	248489.80	3.66	.1474
R-141	248474.40	248484.50	5.49	.1418
R-141	248609.70	248472.70	7.32	.2104
R-141	248774.40	248458.30	9.14	.1585
R-150	247862.30	245792.60	.00	.5221
R-150	247897.60	245789.50	.91	.3625
R-150	247919.40	245787.60	1.83	.1889
R-150	248112.40	245770.70	3.66	.1774
R-150	248163.80	245766.20	5.49	.1337
R-150	248294.80	245754.70	7.32	.1538
R-150	248409.00	245744.70	9.14	.1632
R-159	247320.10	243070.90	.00	.3516
R-159	247337.20	243069.40	.91	.4145
R-159	247359.60	243067.50	1.83	.1967
R-159	247542.30	243051.50	3.66	.1585
R-159	247597.80	243046.60	5.49	.3844
R-159	247767.80	243031.80	7.32	.2762
R-159	247954.90	243015.40	9.14	.1967
T-168	246869.70	240097.80	.00	.4201
T-168	246911.50	240105.10	.91	.3002
T-168	246918.80	240106.40	1.83	.2393
T-168	247089.00	240136.40	3.66	.1707
T-168	247170.30	240150.80	5.49	.4066
T-168	247300.40	240173.70	7.32	.3548
T-168	247533.80	240214.80	9.14	.2133

Table D-10.3: Sediment Distribution Data for Palm Beach County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-177	246509.30	237058.70	.00	.3966
R-177	246548.60	237055.30	.91	.2929
R-177	246564.60	237053.90	1.83	.2586
R-177	246692.50	237042.70	3.66	.1585
R-177	246757.70	237037.00	5.49	.1918
R-177	246881.00	237026.20	7.32	.2283
R-177	247047.50	237011.60	9.14	.2045
R-186	246144.90	234122.30	.00	.3268
R-186	246176.90	234119.50	.91	.3193
R-186	246201.20	234117.40	1.83	.1822
R-186	246339.40	234105.30	3.66	.1831
R-186	246409.80	234099.10	5.49	.1576
R-186	246500.60	234091.20	7.32	.1976
R-186	246675.00	234075.90	9.14	.2751
R-195	245832.70	231311.60	.00	.2464
R-195	245843.30	231310.70	.91	.1957
R-195	245900.80	231305.60	1.83	.1707
R-195	246087.60	231289.30	3.66	.1428
R-195	246134.80	231285.20	5.49	.1688
R-195	246215.60	231278.10	7.32	.1717
R-195	246348.10	231266.50	9.14	.2720
R-204	245587.20	228283.00	.00	.3734
R-204	245626.50	228279.60	.91	.2525
R-204	245652.30	228277.40	1.83	.2163
R-204	245789.60	228265.30	3.66	.2104
R-204	245845.70	228260.40	5.49	.1918
R-204	245958.20	228250.60	7.32	.2710
R-204	246148.10	228234.00	9.14	.2373
T-213	245398.90	225383.20	.00	.5433
T-213	245433.50	225380.10	.91	.2897
T-213	245524.70	225372.10	1.83	.2546
T-213	245574.50	225367.80	3.66	.2025
T-213	245643.60	225361.80	5.49	.1803
T-213	245758.90	225351.70	7.32	.2803
T-213	245920.90	225337.50	9.14	.2803
R-222	245198.00	222452.90	.00	.4861
R-222	245218.10	222451.20	.91	1.0252
R-222	245330.30	222441.30	1.83	.2876
R-222	245382.90	222436.80	3.66	.2454
R-222	245428.90	222432.70	5.49	.2293
R-222	245529.50	222423.90	7.32	.2403
R-222	245697.80	222409.20	9.14	.3559

Table D-10.4: Sediment Distribution Data for Palm Beach County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-7	244616.70	218622.80	.91	.6855
R-7	244628.90	218621.80	1.83	.2383
R-7	244704.90	218615.10	3.66	.2163
R-7	244853.60	218602.10	5.49	.2505
R-7	244956.60	218593.10	7.32	.2679
R-15	244428.50	216214.60	.00	.5128
R-15	244432.20	216214.30	.91	.3440
R-15	244510.20	216207.50	1.83	.2313
R-15	244575.10	216201.80	3.66	.2484
R-15	244700.30	216190.80	5.49	.3002
R-15	244781.70	216183.70	7.32	.2918
R-15	244855.50	216177.20	9.14	.2782
R-32	243542.70	211417.50	.00	.4078
R-32	243545.80	211416.90	.91	.3822
R-32	243603.80	211406.70	1.83	.2586
R-32	243753.80	211380.20	3.66	.2353
R-43	243164.20	208176.20	.00	.3855
R-43	243171.50	208175.50	.91	.2454
R-43	243189.70	208174.00	1.83	.2223
R-43	243292.70	208164.90	3.66	.5070
R-51	242860.00	205765.30	.00	.7777
R-51	242864.00	205764.90	.91	.2323
R-51	242883.00	205763.30	1.83	.2045
R-51	242954.30	205757.00	3.66	.2887
R-60	242533.70	203037.60	.00	.4884
R-60	242550.40	203033.10	.91	.2679
R-60	242572.40	203027.20	1.83	.1937
R-60	242603.70	203018.80	3.66	.2617
T-69	242145.80	200310.70	.00	.5800
T-69	242166.30	200307.10	.91	1.2651
T-69	242177.00	200305.20	1.83	.2143
T-69	242219.60	200297.70	3.66	.3044
T-69	242327.50	200278.70	5.49	.4827
T-69	242713.10	200210.70	7.32	.6209

Table D-11.1: Sediment Distribution Data for Broward County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-78	241986.50	197486.70	.00	.6016
R-78	241999.10	197484.40	.91	.9908
R-78	242015.90	197481.50	1.83	.2303
R-78	242049.10	197475.60	3.66	.3911
R-78	242324.40	197427.10	5.49	.5705
R-96	241338.20	192044.90	.00	.5741
R-96	241360.70	192042.90	.91	1.3416
R-96	241387.80	192040.50	1.83	.1764
R-96	241663.30	192016.40	5.49	.8477
R-105	241144.00	189251.80	.00	.5669
R-105	241151.90	189250.40	.91	1.1732
R-105	241175.70	189246.20	1.83	.1967
R-105	241336.40	189217.90	3.66	.4965
R-105	241426.60	189202.00	5.49	.5023
R-105	241735.70	189147.50	7.32	.7803
T-114	240996.90	186504.60	.00	.1745
T-114	241007.90	186502.70	.91	.1256
T-114	241019.10	186500.70	1.83	.2413
T-114	241321.10	186447.50	5.49	.4078
R-123	240822.80	183666.40	.00	.2183
R-123	240839.40	183664.90	.91	.4234
R-123	240860.80	183663.10	1.83	.1947
R-128	240696.70	182104.90	.00	.2434
R-128	240734.00	182101.60	.91	.2173
R-128	240770.00	182098.50	1.83	.2897
R-128	240858.10	182090.80	3.66	.0727
R-128	241126.00	182067.30	5.49	.6598

Table D-11.2: Sediment Distribution Data for Broward County
*Depth Relative to NGVD

DNR Monument ID Number	Easting (in m)	Northing (in m)	Depth* (in m)	Sediment Size (in mm)
R-3	240677.90	181455.50	.00	.4677
R-3	240696.00	181453.90	.91	.7065
R-3	240741.00	181450.00	1.83	.1764
R-3	240825.80	181442.60	3.66	.0850
R-3	240947.20	181431.90	5.49	.6488
R-11	240604.20	178833.80	.00	.5198
R-11	240622.50	178833.80	.91	.7803
R-11	240652.10	178833.80	1.83	.1908
R-11	240711.40	178833.80	3.66	.2173
R-11	240841.80	178833.80	5.49	.4540
R-20	240439.40	175894.20	.00	.7451
R-20	240484.40	175890.30	.91	.8541
R-20	240523.60	175886.80	1.83	.2648
R-20	240568.60	175882.90	3.66	.1474
R-20	240617.10	175878.70	5.49	.3933
R-30	240454.70	172810.20	.00	.6415
R-30	240472.30	172810.20	.91	.9057
R-30	240500.50	172810.20	1.83	.2243
R-30	240586.60	172810.20	3.66	.1409
R-30	240733.30	172810.20	5.49	.1428
R-30	241259.70	172810.20	7.32	.3440
T-38	240723.50	170174.80	.00	.6867
T-38	240741.70	170174.80	.91	.8528
T-38	240760.00	170174.80	1.83	.2353
T-38	240799.20	170174.80	3.66	.1382
R-47	240748.90	167328.70	.00	.5327
R-47	240767.00	167327.10	.91	.4495
R-47	240785.40	167325.50	1.83	.3690
R-47	240821.80	167322.30	3.66	.1576
R-56	240570.10	164357.90	.00	.9566
R-56	240587.80	164353.10	.91	.3538
R-56	240605.40	164348.40	1.83	.2233
R-56	240640.90	164338.90	3.66	.1391
R-65	239993.90	161848.40	.00	.7765
R-65	240011.90	161848.40	.91	.3658
R-65	240030.30	161848.40	1.83	.1669
R-65	240067.10	161848.40	3.66	.1176
R-65	240511.60	161848.40	5.49	.6064

Table D-12.1: Sediment Distribution Data for Dade County
*Depth Relative to NGVD

