Task 3.4

OFFSHORE PROFILE DESCRIPTION USING THE POWER CURVE FIT
PART II. STANDARD FLORIDA OFFSHORE PROFILE TABLES

by

James H. Balsillie

Analysis/Research Section
Bureau of Coastal Data Acquisition
Division of Beaches and Shores
Florida Department of Natural Resources

BEACHES AND SHORES
TECHNICAL AND DESIGN MEMORANDUM NO. 82-1-II

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Florida Department of Natural Resources

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FOREWORD

This work provides the basic batymetric data necessary to support two-dimensional nearshore hydraulic transformation models of the Division of Beaches and Shores. It is submitted in partial fulfillment of contractural obligations of the Federal Coastal Zone Management Program (subject to provisions of the Coastal Zone Management Improvement Act of 1980), Office of Florida Coastal Management contract CM-37 entitled "Engineering Support Enhancement Program" (DNR contract No. C0037). Subject to acceptance of the results of this work, it shall be established as a Beaches and Shores Technical and Design Memorandum in accordance with provisions of Chapter 16B-33, F. A. C.

At the time of submission for contractural compliance, James H. Balsillie was the Contract Manager and Administrator of the Analysis/Research Section, Hal N. Bean was Acting Chief of the Bureau of Coastal Data Acquisition, Deborah E. Athos was Director of the Division of Beaches and Shores, and Dr. Elton J. Gissendanner was Executive Director of the Department of Natural Resources.

Deborah E. Athos

Deborah E. Athos, Director
Division of Beaches and Shores

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OFFSHORE PROFILE DESCRIPTION USING THE POWER CURVE FIT
PART II. STANDARD FLORDIA OFFSHORE PROFILE TABLES

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Analysis and Research Section, Bureau of Coastal Data Acquisition, Division of Beaches and Shores, Florida Department of Natural Resources.

USE OF TABLES AND LOGISTICS

This report provides standard tabulations of power curve geometry for Beaches and Shores offshore profiles on a county-by-county basis. Details in support of table generation are given in "..... PART I. EXPLANATION AND DISCUSSION" of "Beaches and Shores Technical and Design Memorandum No. 82-1-I".

This report has been designed to facilitate periodic updating as additional data becomes available. For this reason the tables are not given page numbers, but are grouped according to coastal areas and managed as listed in the following inventory table. As new data and results become available they shall be appropriately inserted, and the only required written change will be the content of the inventory table.

Additional information describing profiles considered in this compilation may be obtained by contacting:

Chief, Bureau of Coastal Data Acquisition
Division of Beaches and Shores
Florida Department of Natural Resources
3900 Commonwealth Blvd.
Tallahassee, FL 32303
Telephone: (904) 488-3180

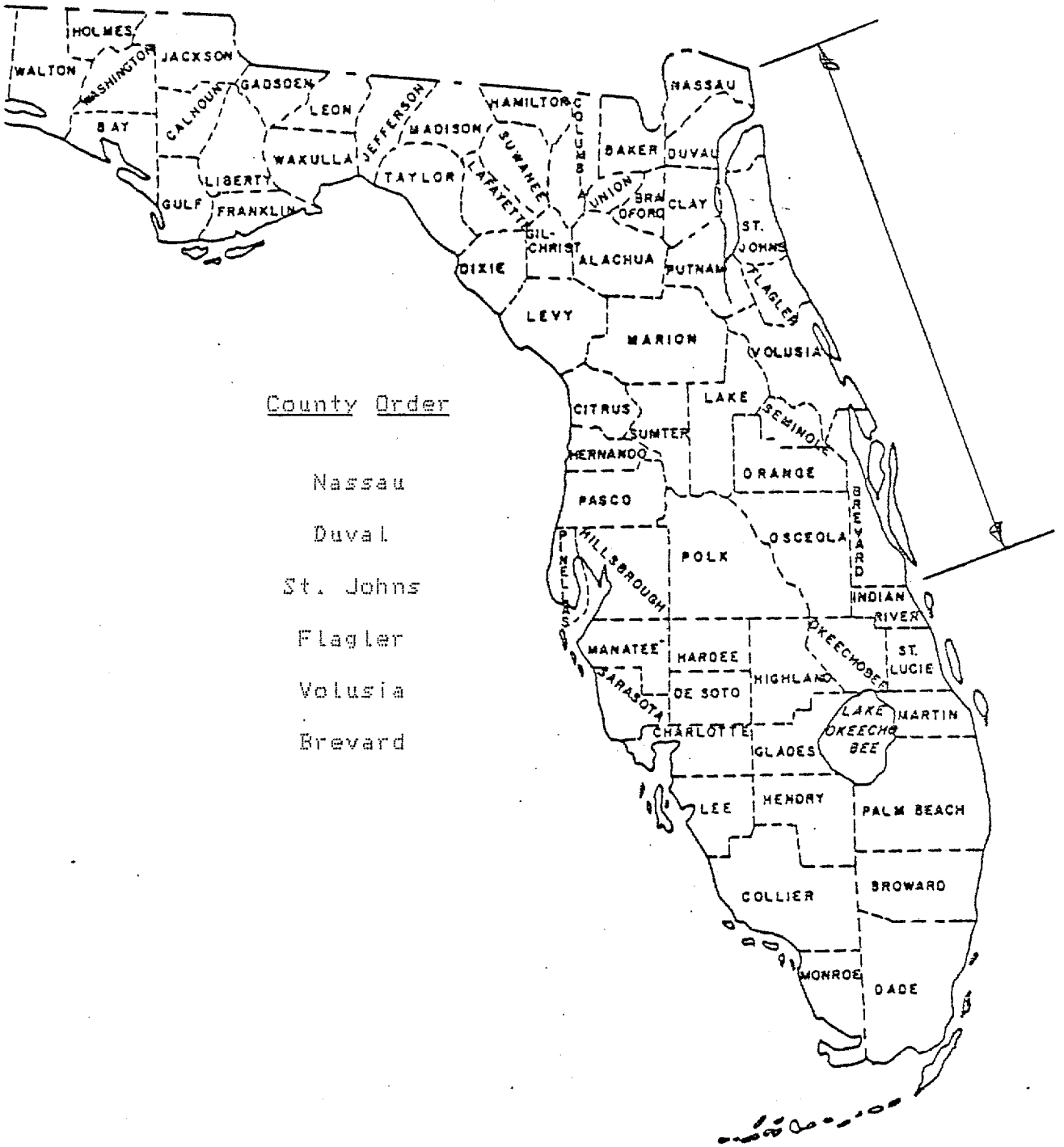
Additional profile information includes profile location maps, state plane coordinates of the DNR mouments to which the profiles are referenced, monument cap elevations, profile azimuths, and nth-order survey accuracy designations (such information may be subject to page charges).

NOTE: The second column of the following tables, i.e., "Zero NGVD Dist from Monu", is the distance in feet from the shore line (taken to be 0 NGVD) to the DNR monument at the time of the survey.

INVENTORY TABLE

COUNTY	SURVEY DATE	NUMBER OF PAGES	NUMBER OF OFFSHORE PROFILES
AREA I. UPPER EAST COAST			
Nassau	Feb 1974	1	28
Nassau	Oct 1981	2	36
Duval	Mar 1974	1	21
St. Johns	Aug 1972	2	67
Flagler	Aug 1972	1	34
Volusia	Jun 1972	2	57
Brevard	Oct 1972	3	74
AREA II. LOWER EAST COAST			
Indian River	Nov 1972	2	39
St. Lucie	Jun 1972	2	39
Martin	Jan 1972	2	44
Martin	Feb 1976	1	33
Martin	Feb-Mar 1982	2	37
Palm Beach	Dec 1974	3	80
Palm Beach	Nov 1981	1	21
Dade	Dec 1976	3	76
AREA III. LOWER GULF COAST			
Pinellas	Sep 1974	2	59
Manatee	Aug 1974	1	22
Sarasata	Jun-Jul 1974	2	63
Charlotte	Jun 1974	1	23
Lee	1974	3	79
Collier	Mar 1973	2	46
AREA IV. PANHANDLE COAST			
Franklin	Jun-Jul 1973	2	51
Franklin	Apr 1976	1	15
Franklin	Jul 1981	4	119
Gulf	Aug 1973	2	53
Bay	Feb 1971	2	47
Bay	Sep 1975	1	34
Walton	Oct 1973	2	43
Walton	Oct 1975	2	42
Walton	May 1981	3	87
Okaloosa	Dec 1973	1	17
Okaloosa	Mar 1976	1	16
Escambia	Jan-Feb 1974	3	77
	TOTALS	60	1579

AREA I. UPPER EAST COAST



County Order

Nassau

Duval

St. Johns

Flagler

Volusia

Brevard

OFFSHORE PROFILE POWER CURVE FITS

NASSAU COUNTY FEB.,1974

Offshore Survey Dates (day,mo,yr): 270274 to 280274.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	261.3	0.814	0.257	14.22	0.998	0.623	10.98	0.993	0.619	10.98
R-3	383.0	0.812	0.149	2.71	0.997	0.402	2.57	0.992	0.355	4.50
R-6	393.4	0.874	0.142	9.74	0.998	0.515	4.43	0.989	0.479	5.19
R-9	260.4	0.418	0.652	0.97	0.978	0.116	2.32	0.994	0.166	3.96
R-12	284.0	0.835	0.053	2.25	0.997	0.139	1.59	0.985	0.129	1.66
R-15	325.3	0.83	0.047	1.48	0.997	0.133	1.33	0.989	0.118	1.60
R-18	314.0	0.734	0.102	2.35	0.993	0.148	1.94	0.989	0.15	1.94
R-21	295.2	0.882	0.052	2.89	0.998	0.176	1.63	0.984	0.156	1.89
R-24	230.0	0.894	0.037	2.54	0.999	0.163	1.52	0.991	0.141	2.26
R-27	222.5	0.863	0.046	2.82	0.999	0.169	1.98	0.993	0.151	2.44
R-30	437.0	0.806	0.069	3.13	0.996	0.165	2.21	0.989	0.156	2.33
R-33	517.4	0.837	0.056	2.29	0.998	0.176	1.78	0.992	0.156	2.32
R-36	605.6	0.921	0.034	2.01	0.999	0.183	1.13	0.993	0.15	2.67
R-39	639.3	0.819	0.063	0.78	0.998	0.179	1.20	0.992	0.15	2.40
R-42	627.4	0.978	0.022	2.26	1	0.182	1.49	0.991	0.131	3.89
R-45	384.6	0.972	0.024	1.16	1	0.201	1.96	0.992	0.146	4.56
R-48	537.3	1.006	0.018	2.22	1	0.186	1.92	0.991	0.136	4.31
R-51	343.8	1.08	0.008	2.02	0.999	0.166	2.53	0.989	0.092	6.06
R-54	390	1.263	0.003	2.75	0.996	0.16	1.99	0.99	0.1	4.69
R-57	280.6	1.032	0.011	2.15	0.999	0.159	2.95	0.991	0.098	5.31
R-60	397.4	0.967	0.016	1.93	0.999	0.149	2.01	0.988	0.091	4.53
R-63	339.2	1.026	0.012	1.55	1	0.156	2.46	0.99	0.096	4.92
R-66	447.0	0.909	0.032	1.35	0.999	0.167	1.57	0.991	0.13	3.26
R-69	390.4	0.865	0.038	1.19	0.998	0.148	1.41	0.99	0.123	2.41
R-72	425.2	0.77	0.072	1.23	0.996	0.146	1.22	0.991	0.135	1.48
R-75	315.4	0.617	0.164	1.20	0.989	0.119	1.22	0.992	0.122	1.24
R-78	993.0	0.809	0.021	1.82	0.997	0.059	1.63	0.989	0.049	1.80
R-81	120.7	0.374	1.52	8.91	0.966	0.203	11.06	0.991	0.267	12.08

OFFSHORE PROFILE POWER CURVE FITS

NASSAU, 1981

Offshore Survey Dates (day,mo,yr): 211081.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e_{rms} = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e_{rms}	r	EXPONENT FIXED AT 2/3 Direct Method a	e_{rms}	r	Log Method a	e_{rms}
R-1	267.	0.862	0.142	10.56	0.998	0.517	8.71	0.99	0.478	9.23
R-2	414.	0.874	0.095	3.25	0.998	0.408	2.91	0.991	0.371	4.66
R-3	409.	0.786	0.14	3.69	0.996	0.339	4.02	0.992	0.297	5.46
R-4	326.	0.878	0.095	6.04	0.998	0.402	5.17	0.99	0.355	6.47
R-5	374.	0.793	0.182	4.76	0.997	0.423	3.96	0.991	0.38	5.16
R-6	337.	0.914	0.083	5.70	0.999	0.436	3.94	0.99	0.364	6.92
R-9	248.	0.623	0.138	2.10	0.987	0.087	1.88	0.99	0.108	2.45
R-12	446.	0.697	0.149	3.77	0.992	0.155	3.07	0.99	0.179	3.46
R-15	411.	0.585	0.323	2.95	0.986	0.174	3.30	0.991	0.199	3.70
R-18	375.	0.6	0.287	3.27	0.986	0.172	3.53	0.991	0.194	3.82
R-21	302.	0.691	0.163	3.56	0.993	0.178	3.25	0.992	0.189	3.35
R-24	154.	0.723	0.114	2.30	0.991	0.172	2.15	0.987	0.159	2.32
R-27	177.	0.691	0.136	1.76	0.992	0.161	1.71	0.991	0.158	1.72
R-30	433.	0.696	0.135	1.98	0.992	0.162	1.90	0.991	0.161	1.90
R-33	517.	0.727	0.114	1.79	0.994	0.172	1.77	0.991	0.164	1.86
R-36	628.	0.553	0.335	1.65	0.981	0.166	1.40	0.99	0.172	1.45
R-39	671.	0.709	0.127	1.95	0.993	0.174	1.96	0.991	0.163	2.08
R-42	629.	1.046	0.014	2.25	0.999	0.167	1.76	0.989	0.136	2.75
R-45	415.	1.049	0.014	1.69	0.999	0.18	2.29	0.99	0.143	3.48
R-48	578.	0.978	0.023	1.45	1	0.187	2.19	0.989	0.152	3.25
R-51	464.	0.891	0.038	1.61	0.999	0.172	2.18	0.991	0.147	2.76
R-54	465.	0.86	0.038	1.60	0.998	0.149	2.06	0.991	0.123	2.71
R-57	310.	0.922	0.028	1.61	0.999	0.16	2.38	0.991	0.133	3.07
R-60	452	0.943	0.025	1.98	0.999	0.158	2.17	0.991	0.134	2.76
R-63	381.	0.957	0.023	1.70	0.999	0.158	2.13	0.989	0.131	2.87
R-66	375.	0.963	0.021	1.85	0.999	0.152	2.29	0.99	0.123	3.01
R-69	292.	0.939	0.025	1.45	0.999	0.149	1.48	0.988	0.126	2.16
R-72	254.	0.944	0.021	1.77	0.999	0.137	1.87	0.991	0.117	2.36
R-75	390.	0.929	0.019	1.14	0.999	0.112	1.27	0.988	0.092	1.89
R-77	364.	0.356	0.454	0.82	0.984	0.064	0.98	0.996	0.07	1.07
R-78	1019.	0.394	0.526	1.91	0.963	0.093	2.23	0.99	0.109	2.45
R-79A	1378.	0.041	3.883	2.97	0.897	0.065	4.41	0.991	0.105	5.20
R-79B	654.	0.671	0.056	1.51	0.994	0.059	1.51	0.994	0.058	1.51
R-79C	613.	0.698	0.157	2.71	0.994	0.183	2.45	0.993	0.19	2.49
R-80	186.	0.565	0.655	8.54	0.977	0.282	9.03	0.987	0.37	10.76

OFFSHORE PROFILE POWER CURVE FITS

NASSAU, 1981

Offshore Survey Dates (day,mo,yr): 211081.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-81	208.	0.378	2.073	7.79	0.968	0.302	10.89	0.992	0.385	12.18

OFFSHORE PROFILE POWER CURVE FITS

DUVAL JAN-MAR 74 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 120374 to 190374.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e_{rms} = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e_{rms}	r	a	e_{rms}	r	a	e_{rms}
R-15	617.	0.749	0.075	1.224	0.995	0.135	1.331	0.991	0.122	1.62
R-18	551.	0.919	0.022	1.111	0.999	0.127	1.546	0.991	0.106	2.306
R-21	992.	0.848	0.03	0.763	0.997	0.103	0.924	0.988	0.087	1.616
R-27	912.	0.78	0.047	2.25	0.996	0.099	1.994	0.992	0.095	2.02
R-30	1169.	1.031	0.023	2.752	0.999	0.288	2.797	0.992	0.204	7.123
R-33	419.	0.956	0.022	1.348	0.999	0.151	1.163	0.992	0.124	2.279
R-36	352.	0.658	0.143	1.473	0.991	0.145	1.283	0.992	0.136	1.419
R-39	337.	0.988	0.017	1.022	1	0.15	1.589	0.991	0.113	3.134
R-42	269	0.894	0.032	0.935	0.999	0.15	1.457	0.991	0.124	2.365
R-45	190.	0.994	0.016	1.195	1	0.144	1.484	0.989	0.108	2.79
R-48	91.	0.961	0.019	1.148	0.999	0.143	1.613	0.989	0.108	2.904
R-51	127.	0.984	0.017	1.115	1	0.147	1.556	0.99	0.114	2.819
R-54	222.	1.026	0.013	1.403	1	0.152	1.805	0.991	0.116	3.166
R-57	195	0.999	0.016	1.268	1	0.149	1.619	0.989	0.111	3.163
R-60	170.	1.028	0.013	1.338	1	0.148	1.718	0.99	0.112	3.013
R-63	170	1.004	0.015	1.147	1	0.144	1.749	0.99	0.111	2.9
R-66	390.	0.999	0.016	1.054	1	0.151	1.579	0.989	0.113	3.082
R-69	248.	0.942	0.021	1.263	0.999	0.143	2.061	0.987	0.104	3.424
R-72	173.	1.052	0.012	1.502	0.999	0.169	2.77	0.992	0.118	4.663
R-75	189.	0.963	0.02	0.761	0.999	0.156	1.822	0.99	0.114	3.549
R-78	230.	0.977	0.019	1.218	1	0.162	1.979	0.991	0.122	3.526

OFFSHORE PROFILE POWER CURVE FITS

ST JOHNS COUNTY, 1972

Offshore Survey Dates (day,mo,yr): 160872 to 290872.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	223.1	0.862	0.042	1.23	0.998	0.162	1.747	0.992	0.138	2.607
R-3	233.3	0.783	0.069	1.255	0.996	0.156	1.515	0.99	0.14	1.982
R-6	218.6	0.833	0.049	1.352	0.998	0.154	1.592	0.991	0.137	2.103
R-9	228.7	0.743	0.092	1.392	0.994	0.158	1.518	0.99	0.149	1.697
R-12	236.4	0.699	0.118	1.427	0.991	0.154	1.435	0.989	0.144	1.638
R-15	211.9	0.803	0.064	1.315	0.998	0.172	1.737	0.993	0.148	2.552
R-18	197.0	0.726	0.106	1.285	0.993	0.157	1.276	0.989	0.149	1.393
R-21	194.0	0.779	0.077	1.555	0.996	0.165	1.566	0.99	0.15	1.94
R-24	235.1	0.714	0.119	1.61	0.993	0.163	1.579	0.99	0.157	1.635
R-27	177.5	0.655	0.164	1.411	0.991	0.157	1.312	0.991	0.153	1.354
R-30	249.4	0.684	0.143	1.304	0.989	0.158	1.291	0.988	0.158	1.291
R-33	277.7	0.666	0.159	1.169	0.992	0.163	1.128	0.992	0.159	1.168
R-36	212.6	0.653	0.164	1.429	0.992	0.153	1.385	0.992	0.151	1.398
R-39	207.3	0.704	0.121	1.492	0.993	0.161	1.537	0.992	0.153	1.65
R-42	271.8	0.623	0.223	1.759	0.989	0.167	1.807	0.991	0.175	1.886
R-45	245.8	0.669	0.149	1.702	0.989	0.148	1.663	0.989	0.152	1.691
R-48	249.2	0.807	0.069	2.092	0.997	0.164	1.349	0.989	0.152	1.602
R-51	272.9	0.665	0.161	1.373	0.992	0.158	1.37	0.992	0.159	1.375
R-54	266.3	0.567	0.291	1.309	0.987	0.15	1.326	0.992	0.16	1.533
R-57	258.7	0.712	0.107	1.558	0.992	0.147	1.539	0.99	0.144	1.556
R-60	225.4	0.501	0.44	1.628	0.966	0.146	1.378	0.986	0.155	1.569
R-63	216.8	0.652	0.162	1.307	0.987	0.148	1.301	0.988	0.149	1.302
R-66	226.9	0.663	0.154	1.28	0.988	0.151	1.281	0.989	0.151	1.281
R-69	244.7	0.704	0.114	1.326	0.99	0.146	1.274	0.987	0.143	1.294
R-72	250	1.243	0.003	5.819	0.996	0.153	1.34	0.986	0.062	7.671
R-75	254.5	0.628	0.195	1.444	0.99	0.15	1.452	0.992	0.153	1.468
R-78	243.1	0.681	0.137	1.319	0.991	0.155	1.321	0.99	0.15	1.377
R-81	222.4	0.524	0.393	1.992	0.98	0.157	1.75	0.991	0.168	1.933
R-84	243.4	0.576	0.264	1.593	0.978	0.14	1.687	0.987	0.154	2.039
R-87	206.4	0.566	0.287	1.397	0.984	0.146	1.315	0.991	0.153	1.44
R-90	207.7	0.627	0.19	1.125	0.991	0.144	1.179	0.993	0.15	1.268
R-93	203.5	0.695	0.12	0.796	0.994	0.147	0.812	0.993	0.144	0.851
R-96	214.9	0.695	0.126	1.08	0.993	0.151	1.029	0.992	0.15	1.032
R-99	237.0	0.706	0.114	1.831	0.993	0.144	1.717	0.991	0.144	1.717
R-102	244	0.756	0.089	1.303	0.995	0.158	1.136	0.99	0.15	1.291

OFFSHORE PROFILE POWER CURVE FITS

ST JOHNS COUNTY, 1972

Offshore Survey Dates (day,mo,yr): 160872 to 290872.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-105	256.7	0.571	0.295	1.541	0.985	0.156	1.524	0.991	0.162	1.615
R-108	233.2	0.519	0.41	1.837	0.977	0.153	1.633	0.99	0.165	1.923
R-111	261.9	0.662	0.153	1.396	0.991	0.147	1.39	0.991	0.149	1.408
R-114	223.5	0.59	0.243	1.659	0.985	0.144	1.807	0.99	0.152	1.912
R-117	285.8	0.796	0.064	1.962	0.996	0.143	1.416	0.99	0.136	1.526
R-120	234.0	0.696	0.119	1.387	0.99	0.138	1.173	0.988	0.142	1.21
R-123	313.0	0.536	0.251	2.305	0.983	0.096	2.688	0.991	0.113	2.994
R-129	477.8	0.767	0.074	0.843	0.996	0.148	0.894	0.992	0.136	1.282
R-132	476.7	0.848	0.043	1.473	0.998	0.145	1.243	0.993	0.128	1.876
R-135	404.4	0.688	0.116	0.877	0.994	0.132	0.837	0.993	0.132	0.837
R-141	305.7	0.665	0.136	1.422	0.992	0.134	1.42	0.993	0.135	1.423
R-144	243.0	0.943	0.021	2.275	0.999	0.125	1.43	0.989	0.106	1.979
R-147	256.1	0.928	0.021	1.768	0.999	0.133	1.553	0.992	0.114	2.307
R-150	287.6	0.983	0.014	2.038	1	0.127	1.595	0.991	0.096	3.022
R-153	358.8	0.894	0.028	1.724	0.999	0.13	1.337	0.993	0.112	1.951
R-156	329.4	0.947	0.018	1.525	0.999	0.122	1.361	0.992	0.097	2.381
R-159	461.1	0.854	0.037	1.655	0.999	0.129	1.249	0.994	0.115	1.628
R-162	350.6	0.849	0.033	1.587	0.998	0.113	1.359	0.992	0.102	1.552
R-165	349.5	0.955	0.015	1.562	0.999	0.112	1.512	0.99	0.079	2.811
R-168	407.4	0.614	0.173	1.621	0.991	0.124	1.627	0.993	0.126	1.635
R-171	402.4	0.612	0.163	1.7	0.989	0.116	1.6	0.992	0.115	1.604
R-174	340.5	0.814	0.038	1.174	0.998	0.109	1.265	0.992	0.093	1.878
R-180	315.3	0.881	0.027	1.205	0.999	0.116	1.171	0.994	0.098	1.83
R-183	296.9	0.881	0.025	1.325	0.999	0.115	1.368	0.99	0.085	2.584
R-186	662.4	0.247	2.217	2.464	0.945	0.152	3.079	0.992	0.199	4.425
R-189	354.0	0.736	0.078	1.771	0.995	0.123	1.669	0.992	0.12	1.691
R-192	291.6	0.839	0.039	1.826	0.997	0.119	1.482	0.989	0.108	1.688
R-195	403.3	0.408	0.476	1.572	0.968	0.088	1.209	0.99	0.096	1.362
R-198	279.8	0.905	0.022	1.615	0.999	0.107	1.001	0.991	0.093	1.438
R-201	147.5	0.626	0.181	1.729	0.985	0.132	1.739	0.988	0.143	1.974
R-204	200.4	0.482	0.497	1.986	0.982	0.149	2.06	0.993	0.164	2.348
R-207	215.6	0.419	0.772	2.314	0.973	0.151	2.307	0.992	0.172	2.85

OFFSHORE PROFILE POWER CURVE FITS

FLAGLER JUL-AUG 72 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 060872 to 100872.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	162.8	0.501	0.42	1.872	0.981	0.146	1.655	0.992	0.156	1.823
R-3	109.5	0.58	0.248	1.762	0.987	0.145	1.664	0.992	0.148	1.681
R-6	142.6	0.551	0.338	1.656	0.981	0.161	1.489	0.99	0.173	1.743
R-9	160.4	0.511	0.401	1.722	0.982	0.144	1.804	0.992	0.158	2.087
R-12	147.9	0.647	0.194	2.036	0.986	0.167	2.031	0.987	0.174	2.114
R-15	181.1	0.561	0.341	1.976	0.98	0.171	1.816	0.989	0.18	1.943
R-18	181.5	0.46	0.64	2.246	0.966	0.163	1.888	0.989	0.179	2.322
R-21	187.3	0.571	0.284	1.456	0.982	0.151	1.437	0.99	0.161	1.627
R-24	476.3	0.441	0.673	2.282	0.971	0.153	1.693	0.99	0.169	2.168
R-27	498.5	0.665	0.165	1.84	0.988	0.156	1.74	0.988	0.164	1.848
R-30	509.1	0.546	0.361	1.774	0.983	0.164	1.645	0.991	0.175	1.827
R-33	524.2	0.595	0.261	1.956	0.987	0.166	1.924	0.991	0.172	1.967
R-36	539.4	0.6	0.246	1.86	0.99	0.159	1.863	0.993	0.165	1.926
R-39	143.2	0.578	0.287	1.939	0.982	0.162	1.772	0.989	0.17	1.873
R-42	328.2	0.482	0.554	2.565	0.976	0.165	2.027	0.991	0.179	2.325
R-45	430.0	0.449	0.696	2.076	0.973	0.163	1.987	0.991	0.184	2.637
R-48	363.2	0.448	0.67	2.544	0.972	0.162	2.055	0.991	0.174	2.286
R-51	388.0	0.51	0.444	2.17	0.978	0.164	1.765	0.991	0.178	2.037
R-54	354.0	0.417	0.779	2.369	0.975	0.157	2.103	0.993	0.174	2.442
R-57	353.8	0.458	0.602	2.564	0.98	0.158	2.061	0.993	0.171	2.282
R-59	258.2	0.411	0.842	2.336	0.978	0.16	2.338	0.993	0.19	3.172
R-62	245.4	0.568	0.287	2.053	0.98	0.154	1.942	0.989	0.163	2.046
R-65	163.1	0.513	0.425	2.147	0.983	0.16	1.776	0.992	0.169	1.896
R-68	224.9	0.512	0.413	2.565	0.98	0.156	2.192	0.991	0.163	2.253
R-71	160.0	0.369	1.141	2.35	0.96	0.157	2.203	0.99	0.179	2.839
R-74	159.1	0.426	0.815	2.267	0.972	0.165	2.295	0.991	0.186	2.873
R-77	135.5	0.459	0.586	1.766	0.968	0.146	1.8	0.989	0.17	2.636
R-80	167.7	0.576	0.26	1.765	0.986	0.149	1.522	0.992	0.151	1.527
R-83	163	0.471	0.565	2.604	0.976	0.157	2.045	0.991	0.167	2.2
R-86	133.7	0.495	0.483	2.054	0.973	0.157	1.735	0.989	0.171	2.069
R-89	147.9	0.652	0.17	2.311	0.986	0.151	2.296	0.988	0.156	2.342
R-92	167.4	0.499	0.456	2.444	0.977	0.154	2.113	0.991	0.164	2.262
R-95	322.0	0.565	0.298	2.149	0.983	0.153	2.018	0.99	0.159	2.087
R-98	159.4	0.491	0.455	2.155	0.981	0.147	1.875	0.992	0.157	2.029

OFFSHORE PROFILE POWER CURVE FITS

VOLUSIA JUN 72 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 010672 to 270672.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	165.0	0.579	0.264	2.415	0.981	0.151	2.287	0.988	0.152	2.289
R-6	200	1.235	0.004	6.163	0.996	0.142	2.004	0.987	0.066	6.298
R-12	209.3	0.586	0.248	1.747	0.989	0.141	1.86	0.993	0.152	2.07
R-18	237.9	0.745	0.081	2.189	0.994	0.134	2.098	0.99	0.129	2.143
R-24	235.0	0.749	0.082	1.929	0.994	0.146	2.011	0.989	0.134	2.219
R-30	229.3	0.662	0.144	1.626	0.989	0.139	1.626	0.989	0.14	1.628
R-36*	244.2	0.848	0.042	2.175	0.998	0.136	1.801	0.989	0.121	2.172
R-39*	295.2	0.832	0.044	2.231	0.997	0.128	1.931	0.99	0.117	2.106
R-42	254.6	0.58	0.251	1.905	0.989	0.139	1.996	0.993	0.148	2.137
R-45	229.5	0.721	0.093	2.111	0.995	0.132	2.016	0.992	0.13	2.021
R-52	208.4	0.871	0.029	2.287	0.999	0.116	2.042	0.992	0.102	2.332
R-55	251.4	0.824	0.045	2.025	0.998	0.128	1.899	0.993	0.116	2.101
R-58	203.9	0.701	0.093	2.99	0.993	0.121	2.952	0.991	0.114	2.994
R-61	239.0	0.907	0.023	2.05	0.999	0.118	1.898	0.989	0.095	2.48
R-64	212.5	0.855	0.034	1.723	0.998	0.121	1.583	0.992	0.107	1.872
R-67*	278.1	0.952	0.018	2.289	0.999	0.118	1.733	0.991	0.098	2.221
R-70	205.5	0.877	0.03	2.194	0.999	0.12	1.881	0.993	0.106	2.128
R-73	258.6	0.877	0.027	1.695	0.999	0.117	1.809	0.992	0.098	2.332
R-76	260.3	0.774	0.058	1.802	0.997	0.123	1.752	0.993	0.112	1.933
R-79	258.7	0.812	0.044	1.6	0.997	0.117	1.493	0.992	0.106	1.676
R-85	324.3	0.868	0.032	1.902	0.998	0.125	1.7	0.991	0.11	2.016
R-91	265.1	0.865	0.034	2.017	0.999	0.129	1.83	0.992	0.112	2.248
R-94	228.0	0.868	0.033	2.011	0.998	0.127	1.755	0.99	0.113	2.044
R-97	248.2	0.933	0.023	2.336	0.999	0.132	1.757	0.989	0.112	2.35
R-100	226.6	0.699	0.104	1.765	0.993	0.133	1.751	0.991	0.127	1.799
R-103*	270.3	0.87	0.033	2.018	0.998	0.128	1.725	0.992	0.117	1.954
R-106	300.5	0.784	0.057	1.852	0.997	0.125	1.699	0.992	0.118	1.773
R-112*	251.6	0.677	0.117	1.942	0.993	0.128	1.929	0.992	0.125	1.945
R-115*	303.3	0.689	0.113	1.769	0.994	0.131	1.743	0.992	0.13	1.746
R-118*	270.3	0.839	0.038	1.474	0.998	0.12	1.332	0.991	0.107	1.634
R-121	264.8	0.637	0.147	1.811	0.991	0.125	1.767	0.992	0.124	1.769
R-124	307.0	0.751	0.076	1.666	0.996	0.137	1.682	0.992	0.128	1.816
R-127*	212.1	0.8	0.048	1.569	0.997	0.118	1.508	0.992	0.11	1.641
R-130*	332.8	0.792	0.058	1.43	0.996	0.132	1.435	0.99	0.122	1.608
R-133	357.8	0.701	0.103	1.772	0.994	0.132	1.774	0.992	0.128	1.81

OFFSHORE PROFILE POWER CURVE FITS

VOLUSIA JUN 72 CONTROL LINE

Offshore Survey Dates (day,mo,yr): . 010672 to 270672.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-136	309.9	0.731	0.085	1.923	0.995	0.135	1.927	0.993	0.128	2.021
R-139	409.0	0.815	0.054	1.12	0.998	0.153	1.459	0.993	0.135	1.988
R-142	403.2	0.9	0.032	2.341	0.999	0.155	1.908	0.993	0.137	2.398
R-145*	224	0.811	0.043	1.262	0.997	0.117	1.394	0.992	0.104	1.728
R-148*	407.4	0.834	0.031	0.846	0.998	0.096	0.677	0.993	0.087	0.98
R-173	337.5	0.945	0.02	2.048	0.999	0.122	1.617	0.989	0.103	2.119
R-176	230.9	0.884	0.028	1.623	0.999	0.128	1.901	0.991	0.108	2.526
R-179	308.7	0.724	0.083	1.742	0.995	0.126	1.763	0.992	0.119	1.862
R-182	318.7	0.818	0.045	2.066	0.997	0.128	2.076	0.991	0.117	2.26
R-188*	412	0.879	0.029	1.778	0.999	0.128	1.925	0.992	0.108	2.504
R-197*	252	0.731	0.086	2.385	0.993	0.132	2.359	0.988	0.125	2.393
R-200	217.3	0.615	0.176	2.055	0.992	0.131	1.884	0.994	0.128	1.908
R-203*	100	1.243	0.003	5.271	0.996	0.128	1.751	0.987	0.056	5.155
R-209	326.4	0.552	0.253	1.97	0.983	0.127	1.657	0.991	0.129	1.663
R-212	275.9	0.585	0.224	2.007	0.983	0.137	1.893	0.99	0.14	1.904
R-215	248.1	0.558	0.279	2.264	0.987	0.143	2.023	0.993	0.145	2.03
R-218	288.7	0.605	0.207	2.022	0.989	0.142	1.961	0.992	0.143	1.964
R-221	287.5	0.592	0.245	3.383	0.987	0.164	2.99	0.991	0.157	3.027
R-225	258.8	0.692	0.125	2.088	0.989	0.142	2.041	0.987	0.144	2.044
R-228	281.8	0.46	0.518	2.394	0.969	0.144	1.734	0.99	0.157	1.979
R-231	220.9	0.487	0.45	2.338	0.971	0.148	1.859	0.989	0.164	2.156
R-234	219.2	0.494	0.435	2.249	0.975	0.148	1.845	0.99	0.157	1.955

OFFSHORE PROFILE POWER CURVE FITS

BREVARD COUNTY

Offshore Survey Dates (day,mo,yr): 091072 to 191072.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	233.2	0.665	0.079	1.177	0.991	0.086	1.005	0.991	0.078	1.17
R-3	436.8	0.876	0.032	1.33	0.998	0.127	0.689	0.99	0.109	1.55
R-6	149.4	0.677	0.11	0.508	0.989	0.121	0.462	0.988	0.117	0.59
R-9	178.9	0.612	0.169	0.894	0.989	0.123	0.606	0.992	0.122	0.61
R-12	141.8	0.585	0.196	1.137	0.986	0.121	0.842	0.991	0.122	0.85
R-15	184.1	0.598	0.179	1.197	0.987	0.122	0.799	0.991	0.12	0.81
R-18	488.3	0.714	0.08	0.99	0.993	0.119	0.941	0.991	0.106	1.34
R-21	474.8	0.767	0.06	0.607	0.996	0.121	0.81	0.991	0.11	1.21
R-24	276.6	0.87	0.029	0.656	0.999	0.117	0.813	0.992	0.098	1.62
R-27	270.8	0.857	0.031	0.63	0.998	0.112	0.942	0.992	0.095	1.56
R-30	238.2	0.87	0.03	0.734	0.998	0.119	0.881	0.991	0.099	1.69
R-33	199.1	0.885	0.026	0.761	0.999	0.117	1.017	0.989	0.094	2.04
R-36	431.8	0.848	0.032	0.779	0.998	0.114	1.05	0.991	0.093	1.82
R-39	372.7	0.849	0.034	0.641	0.998	0.122	1.048	0.992	0.102	1.78
R-42	380.3	0.859	0.031	0.645	0.998	0.116	1.076	0.991	0.096	1.79
R-45	405.9	0.868	0.031	0.605	0.999	0.121	0.799	0.993	0.105	1.49
R-48	341.3	0.81	0.04	1.137	0.997	0.119	1.223	0.99	0.093	2.22
R-51	390.6	0.814	0.045	0.703	0.997	0.123	0.839	0.99	0.107	1.44
R-54	358.6	0.884	0.029	0.718	0.999	0.126	0.789	0.993	0.107	1.56
R-57	256.7	0.801	0.05	0.331	0.997	0.128	0.67	0.993	0.115	1.23
R-60	194.3	0.794	0.057	0.318	0.996	0.138	0.678	0.991	0.121	1.48
R-63	166.2	0.695	0.104	1.375	0.994	0.138	1.244	0.992	0.124	1.60
R-66	191.9	0.83	0.047	0.736	0.998	0.143	0.555	0.991	0.124	1.63
R-69	376.2	0.703	0.11	1.011	0.993	0.144	1.075	0.991	0.138	1.19
R-72	349.3	0.734	0.095	1.1	0.993	0.144	1.022	0.989	0.138	1.11
R-75	332.0	0.589	0.244	1.382	0.986	0.157	0.758	0.991	0.157	0.75
R-78	332.4	0.612	0.211	1.002	0.988	0.152	0.672	0.992	0.153	0.67
R-81	272.9	0.57	0.256	1.977	0.985	0.147	1.299	0.991	0.144	1.32
R-84	321.2	0.638	0.193	0.607	0.991	0.162	0.454	0.992	0.163	0.45
R-87	336.1	0.607	0.236	0.927	0.988	0.162	0.651	0.991	0.166	0.72
R-90	321.7	0.598	0.254	1.139	0.989	0.167	0.688	0.992	0.169	0.70
R-93	310.1	0.582	0.272	0.843	0.989	0.159	0.606	0.993	0.165	0.75
R-96	364.2	0.652	0.165	0.634	0.992	0.153	0.487	0.992	0.15	0.52
R-99	363.1	0.687	0.137	0.748	0.994	0.159	0.755	0.993	0.154	0.82
R-102	387.6	0.663	0.155	0.606	0.991	0.151	0.604	0.992	0.152	0.61

OFFSHORE PROFILE POWER CURVE FITS

BREVARD COUNTY

Offshore Survey Dates (day,mo,yr): 091072 to 191072.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-105	422.1	0.679	0.155	0.668	0.993	0.167	0.57	0.992	0.168	0.57
R-108	447.4	0.665	0.158	0.646	0.989	0.154	0.628	0.989	0.157	0.65
R-111	437.6	0.598	0.264	0.512	0.986	0.167	0.672	0.991	0.177	1.02
R-114	428.4	0.561	0.31	1.058	0.985	0.158	0.632	0.992	0.166	0.87
R-117	385.1	0.654	0.168	0.748	0.99	0.156	0.751	0.991	0.157	0.75
R-120	380.0	0.643	0.185	0.537	0.99	0.157	0.559	0.991	0.162	0.67
R-123	405.4	0.506	0.434	1.593	0.979	0.153	0.917	0.991	0.158	0.99
R-126	152.4	0.505	0.421	1.7	0.982	0.149	1.051	0.992	0.154	1.11
R-129	296.4	0.643	0.173	0.761	0.986	0.154	0.52	0.988	0.151	0.54
R-132	275.6	0.54	0.356	1.353	0.978	0.158	0.63	0.989	0.163	0.75
R-135	258.9	0.466	0.598	1.804	0.977	0.159	1.251	0.992	0.174	1.74
R-138	297.9	0.633	0.204	1.234	0.985	0.16	1.209	0.988	0.168	1.36
R-141	288.8	0.587	0.276	0.998	0.984	0.162	0.896	0.99	0.172	1.21
R-144	262.9	0.493	0.517	1.892	0.979	0.167	1.164	0.991	0.178	1.46
R-147	309.3	0.458	0.627	1.801	0.971	0.16	0.883	0.99	0.17	1.24
R-150	305.8	0.757	0.087	0.277	0.998	0.163	0.522	0.997	0.159	0.64
R-153	321.9	0.542	0.368	1.346	0.984	0.163	0.848	0.992	0.173	1.18
R-156	302.8	0.561	0.326	1.258	0.987	0.165	0.823	0.992	0.172	1.00
R-159	349.7	0.691	0.159	1.86	0.99	0.171	1.39	0.989	0.181	1.57
R-162	405.2	0.474	0.602	1.355	0.979	0.168	1.021	0.992	0.185	1.66
R-165	279.5	0.535	0.395	1.14	0.981	0.166	0.562	0.991	0.176	1.00
R-168	277.7	0.664	0.163	1.052	0.989	0.168	0.826	0.989	0.161	1.02
R-171	265.8	0.494	0.506	2.292	0.979	0.17	1.295	0.991	0.174	1.34
R-174	481.7	0.588	0.295	2.003	0.985	0.186	1.319	0.991	0.185	1.32
R-177	463.8	0.531	0.438	1.977	0.983	0.185	1.192	0.992	0.191	1.27
R-180	468.7	0.541	0.419	1.52	0.986	0.186	1.072	0.993	0.199	1.47
R-183	347.5	0.721	0.123	1.141	0.993	0.187	1.246	0.989	0.169	1.88
R-186	276.0	0.598	0.28	1.432	0.987	0.184	0.92	0.991	0.185	0.92
R-189	268.4	0.7	0.145	1.175	0.994	0.188	1.268	0.992	0.178	1.48
R-192	259.1	0.6	0.278	2.03	0.989	0.188	1.623	0.992	0.186	1.62
R-195	246.0	0.657	0.197	2.024	0.989	0.198	1.782	0.989	0.188	1.93
R-198	380.4	0.59	0.328	2.748	0.986	0.212	2.005	0.991	0.209	2.02
R-201	468.6	0.579	0.376	2.053	0.987	0.221	1.403	0.992	0.224	1.42
R-204	457.3	0.491	0.608	2.88	0.979	0.2	1.754	0.992	0.204	1.78
R-207	443.0	0.67	0.191	2.534	0.989	0.214	2.072	0.989	0.195	2.57

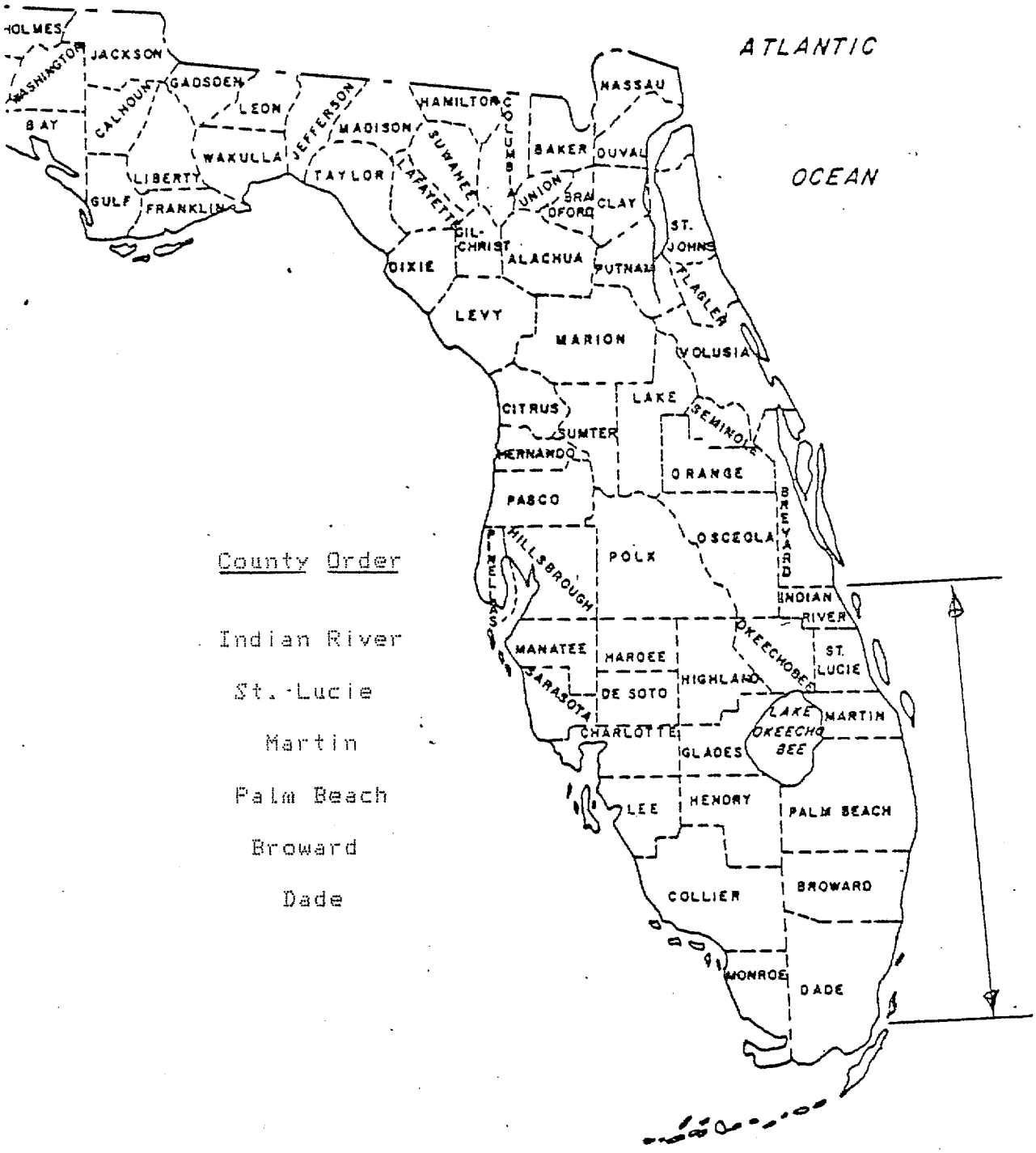
OFFSHORE PROFILE POWER CURVE FITS

BREVARD COUNTY

Offshore Survey Dates (day,mo,yr): 091072 to 191072.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-210	322.8	0.555	0.434	3.294	0.982	0.224	2.181	0.991	0.219	2.20
R-213	486.4	0.64	0.261	1.546	0.988	0.225	1.359	0.99	0.222	1.37
R-216	575.1	0.577	0.466	0.996	0.985	0.255	1.335	0.991	0.272	1.85
R-219	943.5	0.17	7.992	3.057	0.852	0.282	5.113	0.987	0.468	16.12

AREA II. LOWER EAST COAST



County Order

Indian River

St. Lucie

Martin

Palm Beach

Broward

Dade

OFFSHORE PROFILE POWER CURVE FITS

INDIAN RIVER, 1972

Offshore Survey Dates (day,mo,yr): 281172 to 291172.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	348.0	0.313	1.281	1.427	0.99	0.115	2.11	0.998	0.122	2.209
R-3	238.6	0.611	0.239	2.243	0.979	0.177	1.743	0.985	0.17	1.848
R-6	184.4	0.582	0.309	2.672	0.982	0.186	2.188	0.989	0.186	2.188
R-9	127.1	0.581	0.33	2.7	0.983	0.196	2.049	0.99	0.196	2.049
R-12	100.0	0.526	0.453	3.647	0.975	0.196	2.503	0.989	0.195	2.504
R-15	160.3	0.478	0.497	3.629	0.966	0.161	2.457	0.988	0.156	2.489
R-18	147.6	0.624	0.208	2.821	0.983	0.154	2.824	0.987	0.162	2.888
R-21	190.3	0.525	0.426	2.913	0.974	0.164	3.091	0.988	0.176	3.25
R-24	184.6	0.553	0.342	2.949	0.982	0.162	3.044	0.991	0.172	3.144
R-27	196.8	0.558	0.321	3.086	0.978	0.156	3.234	0.988	0.17	3.397
R-30	147.9	0.592	0.223	3.042	0.984	0.131	3.175	0.99	0.144	3.321
R-33	175.8	0.451	0.528	2.475	0.971	0.127	2.782	0.99	0.145	3.099
R-36*	243.4	0.597	0.234	2.78	0.983	0.142	2.937	0.989	0.156	3.127
R-39	225.9	0.446	0.619	3.855	0.972	0.135	4.584	0.991	0.168	5.273
R-42	182.9	0.53	0.326	1.355	0.98	0.134	1.19	0.991	0.145	1.457
R-45*	263.4	0.435	0.627	0.772	0.975	0.131	1.409	0.992	0.159	2.586
R-48	193.4	0.49	0.414	1.917	0.975	0.117	2.497	0.991	0.147	3.445
R-51	174.5	0.423	0.601	1.076	0.976	0.115	1.665	0.993	0.14	2.556
R-54	126.4	0.464	0.553	2.243	0.978	0.14	2.864	0.992	0.163	3.36
R-57	190.8	0.506	0.43	1.771	0.975	0.146	2.156	0.99	0.169	2.759
R-63	213.3	0.486	0.489	1.302	0.972	0.144	1.807	0.989	0.163	2.374
R-66	232.5	0.446	0.579	1.062	0.977	0.126	1.839	0.993	0.15	2.753
R-69	217.7	0.482	0.483	1.288	0.981	0.135	1.968	0.993	0.156	2.606
R-72*	290.6	0.586	0.269	1.819	0.985	0.156	2.075	0.99	0.169	2.271
R-75	297.3	0.649	0.212	1.885	0.989	0.182	1.894	0.99	0.192	2.029
R-78	171.1	0.56	0.325	2.236	0.987	0.163	2.363	0.993	0.173	2.484
R-81	490.9	0.51	0.366	1.742	0.973	0.124	2.221	0.989	0.142	2.663
R-84	298.3	0.396	0.79	2.395	0.972	0.124	3.381	0.992	0.149	3.913
R-87	228.6	0.447	0.489	1.979	0.973	0.113	2.077	0.991	0.124	2.266
R-90	475.9	0.67	0.179	2.019	0.991	0.176	1.898	0.991	0.183	1.987
R-93	295.9	0.709	0.137	1.403	0.99	0.182	1.279	0.986	0.179	1.321
R-96*	259.5	0.609	0.284	1.604	0.988	0.197	1.581	0.992	0.2	1.603
R-99*	289.1	0.574	0.35	2.474	0.985	0.185	2.762	0.991	0.2	3.023
R-102	429.3	0.477	0.571	2.354	0.975	0.153	3.2	0.99	0.191	4.304
R-105	410.7	0.378	0.893	2.768	0.975	0.118	3.932	0.993	0.149	4.733

OFFSHORE PROFILE POWER CURVE FITS

INDIAN RIVER, 1972

Offshore Survey Dates (day,mo,yr): 281172 to 291172.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-108	483.6	0.473	0.531	2.904	0.975	0.136	3.712	0.991	0.163	4.315
R-111	561.4	0.564	0.301	3.212	0.985	0.141	3.61	0.991	0.16	3.946
R-114	370.3	0.213	3.259	2.339	0.979	0.14	4.342	0.996	0.164	4.851
R-117*	266.9	0.57	0.3	2.728	0.985	0.151	3.052	0.991	0.161	3.201

OFFSHORE PROFILE POWER CURVE FITS

ST. LUCIE COUNTY, JUNE 1972 SURVEY

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	217.6	0.496	0.502	2.885	0.978	0.153	3.508	0.991	0.172	3.882
R-3	259.3	0.454	0.614	2.393	0.975	0.137	3.205	0.991	0.158	3.745
R-6	272.7	0.512	0.432	1.983	0.98	0.147	2.482	0.991	0.162	2.832
R-9	178.8	0.534	0.349	1.564	0.979	0.14	2.009	0.99	0.157	2.425
R-12	140.2	0.671	0.179	3.39	0.989	0.178	3.307	0.989	0.185	3.359
R-15	198.2	0.672	0.154	2.69	0.99	0.155	2.631	0.989	0.16	2.661
R-18	184.1	0.526	0.388	1.767	0.975	0.149	2.202	0.989	0.165	2.526
R-21	249.8	0.755	0.079	3.369	0.994	0.13	2.744	0.988	0.136	2.79
R-24	271.5	0.504	0.42	2.705	0.987	0.144	3.106	0.994	0.161	3.329
R-27	253.4	0.634	0.171	2.698	0.991	0.132	2.776	0.992	0.14	2.84
R-30	318.9	0.886	0.033	2.606	0.999	0.14	1.782	0.991	0.13	1.963
R-33	389.9	0.797	0.043	1.588	0.997	0.104	1.338	0.992	0.097	1.474
R-36	303.0	0.397	0.901	2.848	0.977	0.143	3.991	0.994	0.172	4.591
R-39	342.4	0.494	0.446	1.745	0.974	0.134	2.391	0.99	0.156	2.963
R-42	265.7	0.568	0.24	1.996	0.985	0.123	2.206	0.991	0.13	2.288
R-45	224.9	0.47	0.457	2.19	0.982	0.116	2.755	0.993	0.136	3.188
R-48	170.3	0.563	0.24	1.617	0.986	0.12	1.684	0.992	0.125	1.737
R-51	134.3	0.557	0.296	1.463	0.984	0.141	1.604	0.991	0.15	1.773
R-54	153.1	0.638	0.165	1.559	0.991	0.143	1.427	0.992	0.138	1.464
R-57	175.9	0.585	0.244	1.47	0.987	0.148	1.206	0.992	0.15	1.218
R-60	181.9	0.535	0.345	1.695	0.977	0.147	1.312	0.989	0.151	1.374
R-63	257.0	0.472	0.63	1.478	0.983	0.18	1.428	0.994	0.196	1.798
R-66	150.9	0.731	0.099	1.7	0.997	0.161	1.844	0.996	0.152	2.032
R-69	155.5	0.748	0.091	1.334	0.997	0.165	1.573	0.996	0.156	1.8
R-72	153.7	0.675	0.167	1.856	0.997	0.188	1.668	0.996	0.177	1.937
R-75	132.5	0.492	0.506	2.26	0.977	0.169	1.601	0.991	0.181	1.812
R-78	168.1	0.27	2.169	4.347	0.916	0.181	2.068	0.989	0.206	2.767
R-81	138.3	0.577	0.346	2.367	0.984	0.203	1.683	0.991	0.206	1.696
R-84	121.9	0.552	0.368	2.231	0.982	0.186	1.472	0.991	0.191	1.519
R-87	120.6	0.891	0.039	0.917	0.999	0.186	1.63	0.996	0.171	2.088
R-90	104.8	0.698	0.145	1.54	0.994	0.187	1.536	0.992	0.174	1.776
R-93	137.2	0.546	0.353	1.736	0.978	0.169	1.24	0.989	0.174	1.294
R-96	138.4	0.553	0.328	2.148	0.98	0.16	1.607	0.989	0.164	1.647
R-99	117.5	0.431	0.771	2.15	0.973	0.168	1.785	0.992	0.188	2.3
R-102	112.4	0.524	0.463	2.652	0.98	0.193	1.652	0.991	0.204	1.851

OFFSHORE PROFILE POWER CURVE FITS

ST. LUCIE COUNTY, JUNE 1972 SURVEY

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-105	109.5	0.595	0.294	2.04	0.988	0.193	1.529	0.992	0.193	1.529
R-108	119.4	0.625	0.217	1.432	0.989	0.165	1.445	0.991	0.169	1.475
R-111	149.3	0.709	0.133	1.607	0.991	0.176	1.614	0.987	0.171	1.671
R-114	110.5	0.45	0.733	2.361	0.969	0.181	2.182	0.99	0.218	3.345

OFFSHORE PROFILE POWER CURVE FITS

MARTIN COUNTY, 1971

Offshore Survey Dates (day,mo,yr): 060172 to 250172.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	100.0	0.564	0.3	2.019	0.98	0.165	1.33	0.989	0.165	1.33
R-3	119.6	0.571	0.308	1.721	0.982	0.17	1.417	0.989	0.177	1.49
R-6	135.9	0.547	0.368	1.829	0.979	0.17	1.646	0.99	0.18	1.796
R-9	142.4	0.6	0.245	1.506	0.986	0.16	1.371	0.991	0.164	1.395
R-12	121.5	0.463	0.633	1.656	0.976	0.166	1.657	0.992	0.178	1.922
R-15	109.6	0.501	0.491	1.324	0.971	0.168	1.178	0.988	0.175	1.303
R-18	126.4	0.557	0.352	1.828	0.978	0.176	1.727	0.988	0.184	1.819
R-21	143.2	0.615	0.267	1.197	0.987	0.19	1.168	0.991	0.198	1.32
R-24	150.0	0.577	0.396	2.282	0.984	0.227	1.808	0.991	0.231	1.836
R-27	159.5	0.522	0.574	2.232	0.981	0.221	1.773	0.991	0.242	2.435
R-30	84.3	0.566	0.459	2.153	0.982	0.239	1.586	0.99	0.251	1.843
R-33	118.1	0.606	0.353	1.718	0.987	0.24	1.564	0.991	0.248	1.684
R-36	254.7	0.619	0.216	4.616	0.987	0.197	3.43	0.99	0.164	4.134
R-39	109.9	0.569	0.25	2.461	0.982	0.134	2.489	0.99	0.139	2.52
R-42	171.4	0.708	0.112	3.726	0.993	0.149	3.65	0.991	0.145	3.663
R-43	121.7	0.169	1.777	1.026	0.931	0.06	1.937	0.992	0.079	2.466
R-46	124.4	0.236	1.347	0.975	0.942	0.07	2.237	0.991	0.105	3.524
R-49	127.0	0.352	0.772	1.37	0.968	0.087	2.357	0.992	0.117	3.297
R-52	101.5	0.133	3.059	1.984	0.941	0.093	3.396	0.993	0.13	4.269
R-55	97.0	0.532	0.384	2.431	0.979	0.14	2.92	0.99	0.166	3.705
R-58	114.5	0.478	0.6	2.601	0.973	0.159	3.56	0.989	0.188	4.261
R-61	140	0.711	0.124	4.306	0.993	0.154	3.92	0.991	0.163	3.985
R-64	217.5	0.505	0.474	1.372	0.981	0.157	1.853	0.992	0.181	2.697
R-67	164.0	0.697	0.125	1.182	0.995	0.153	1.13	0.995	0.152	1.137
R-70	184.7	0.705	0.107	1.168	0.993	0.139	1.17	0.991	0.137	1.193
R-73	110.8	0.551	0.306	1.405	0.986	0.14	1.363	0.993	0.149	1.575
R-76	100	1.224	0.004	7.21	0.997	0.139	1.008	0.99	0.088	4.168
R-79	111.6	0.411	0.684	1.669	0.976	0.129	1.657	0.993	0.144	2.013
R-82	267.0	0.494	0.484	1.963	0.976	0.152	2.529	0.99	0.169	2.852
R-85	355.5	0.489	0.425	1.981	0.979	0.133	2.154	0.992	0.151	2.543
R-88	111.0	0.473	0.473	0.909	0.987	0.125	1.117	0.995	0.133	1.319
R-91	86.9	0.541	0.283	0.844	0.98	0.121	0.94	0.99	0.13	1.201
R-94	56.6	0.473	0.465	1.198	0.978	0.125	1.159	0.992	0.135	1.417
R-97	45.9	0.603	0.186	0.684	0.982	0.123	0.638	0.988	0.127	0.731
R-100	40.7	0.494	0.402	1.059	0.97	0.127	1.031	0.989	0.139	1.417

OFFSHORE PROFILE POWER CURVE FITS

MARTIN COUNTY, 1971

Offshore Survey Dates (day,mo,yr): 060172 to 250172.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-103	49.1	0.563	0.256	1.342	0.975	0.126	1.377	0.987	0.138	1.725
R-106	93.4	0.545	0.276	1.146	0.973	0.121	1.161	0.987	0.135	1.647
R-109	112.4	0.534	0.319	1.338	0.985	0.128	1.603	0.993	0.142	1.963
R-112	150.9	0.517	0.361	1.45	0.981	0.132	1.482	0.991	0.142	1.699
R-115	156.4	0.573	0.244	1.253	0.989	0.128	1.394	0.993	0.138	1.611
R-118	126.3	0.542	0.325	1.417	0.982	0.148	0.893	0.991	0.156	1.102
R-121	154.4	0.418	0.82	2.267	0.972	0.16	1.784	0.992	0.179	2.333
R-124	123.0	0.503	0.54	1.743	0.982	0.177	2.125	0.992	0.201	2.881
R-127	176.2	0.622	0.239	0.942	0.988	0.172	1.05	0.991	0.182	1.344

OFFSHORE PROFILE POWER CURVE FITS

MARTIN COUNTY 1976

Offshore Survey Dates (day,mo,yr): 110276 to 120276.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	112.3	0.459	0.581	2.101	0.98	0.153	1.484	0.993	0.177	2.277
R-3	91.8	0.513	0.391	1.723	0.982	0.15	1.156	0.992	0.167	1.63
R-6	122.6	0.467	0.518	1.969	0.975	0.143	1.325	0.991	0.16	1.934
R-9	137.5	0.469	0.488	1.856	0.974	0.136	1.338	0.99	0.158	2.144
R-12	124.2	0.499	0.455	1.197	0.978	0.147	1.028	0.99	0.171	2.225
R-15	116.1	0.693	0.123	1.402	0.992	0.152	1.434	0.991	0.145	1.549
R-18	138.3	0.668	0.153	1.428	0.99	0.16	1.365	0.99	0.155	1.44
R-21	155.8	0.618	0.244	1.434	0.988	0.181	1.164	0.991	0.18	1.172
R-24	160	0.7	0.156	2.179	0.994	0.208	2.144	0.992	0.192	2.506
R-27	161.3	0.638	0.238	1.59	0.991	0.203	1.325	0.992	0.2	1.356
R-30A	86.9	0.641	0.242	1.388	0.989	0.21	1.196	0.99	0.208	1.205
R-33	121.3	0.654	0.223	0.895	0.992	0.211	0.781	0.992	0.208	0.812
R-36	168.9	0.634	0.148	4.167	0.988	0.158	2.952	0.99	0.122	3.899
R-39	209.0	0.392	0.77	1.7	0.973	0.119	1.811	0.992	0.139	2.488
R-42	205.8	0.412	0.726	2.885	0.977	0.126	3.66	0.993	0.154	4.281
R-72	141.4	0.688	0.108	0.698	0.991	0.126	0.721	0.989	0.122	0.765
R-75A	141.3	0.465	0.429	0.841	0.97	0.116	0.833	0.99	0.149	2.381
R-78	95.6	0.585	0.204	0.97	0.985	0.112	1.131	0.991	0.128	1.667
R-81	219.4	0.535	0.286	1.733	0.981	0.118	1.963	0.99	0.13	2.139
R-84A	144.7	0.646	0.121	0.728	0.989	0.109	0.606	0.99	0.107	0.618
R-87	184.7	0.538	0.256	0.853	0.981	0.112	0.468	0.991	0.121	0.821
R-90	77.4	0.479	0.387	0.906	0.971	0.111	0.821	0.989	0.141	2.266
R-93	133.8	0.518	0.291	0.838	0.977	0.107	0.962	0.99	0.121	1.469
R-96	171.3	0.451	0.491	0.927	0.977	0.115	1.273	0.992	0.138	2.154
R-99	120.6	0.358	0.846	1.009	0.957	0.112	1.602	0.991	0.149	2.926
R-102	95.1	0.535	0.286	0.882	0.977	0.113	1.167	0.989	0.135	2.008
R-105	128.1	0.433	0.487	1.066	0.971	0.105	1.13	0.991	0.124	1.788
R-108	163.3	0.467	0.399	0.966	0.974	0.107	0.961	0.991	0.127	1.701
R-111	193.0	0.514	0.284	1.025	0.972	0.103	1.107	0.988	0.118	1.542
R-114	133.8	0.55	0.216	0.815	0.979	0.1	0.826	0.989	0.109	1.044
R-117	159.5	0.443	0.498	1.367	0.977	0.113	1.347	0.992	0.13	1.902
R-120	148.4	0.589	0.235	1.447	0.982	0.128	1.447	0.989	0.152	2.341
R-123	100.9	0.412	0.78	1.022	0.979	0.146	1.468	0.994	0.176	2.573

OFFSHORE PROFILE POWER CURVE FITS

MARTIN COUNTY. COMPLETE SURVEY - 1982.

Offshore Survey Dates (day,mo,yr): 160382 to 180282.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	114.5	0.53	0.389	2.509	0.977	0.166	1.733	0.989	0.167	1.734
R-3	126.2	0.575	0.276	2.624	0.98	0.164	1.907	0.989	0.158	1.965
R-6	135.9	0.527	0.391	2.29	0.977	0.162	1.643	0.989	0.169	1.726
R-9	147.6	0.64	0.172	1.751	0.984	0.15	1.572	0.987	0.146	1.604
R-12U	136.4	0.532	0.367	1.787	0.98	0.157	1.34	0.99	0.175	1.833
R-15	112.3	0.498	0.451	2.666	0.98	0.159	1.924	0.992	0.167	2.026
R-18	133.3	0.581	0.281	2.637	0.984	0.171	2.023	0.99	0.168	2.038
R-21	148.8	0.712	0.132	1.486	0.992	0.186	1.628	0.988	0.173	1.957
R-24	141.8	0.693	0.159	2.41	0.991	0.206	2.215	0.989	0.187	2.713
R-27	160.8	0.611	0.293	2.316	0.988	0.216	1.659	0.991	0.211	1.693
R-30A	132.2	0.569	0.399	2.407	0.982	0.22	1.608	0.99	0.222	1.615
R-33	134.7	0.626	0.282	1.426	0.988	0.223	1.064	0.99	0.22	1.084
R-36	174.1	0.606	0.177	3.714	0.983	0.144	2.906	0.988	0.123	3.333
R-39	198.9	0.573	0.273	2.517	0.98	0.135	2.722	0.989	0.158	3.174
R-42	279.5	0.526	0.358	3.178	0.982	0.143	3.503	0.992	0.156	3.62
R-63A	105	0.878	0.044	2.797	0.999	0.17	1.787	0.992	0.162	1.882
R-65A	147.8	0.695	0.114	0.586	0.988	0.138	0.595	0.986	0.136	0.623
R-69	186.9	0.641	0.176	0.97	0.985	0.145	1.009	0.987	0.151	1.107
R-71A	119.7	0.554	0.275	1.653	0.985	0.136	1.186	0.992	0.136	1.186
R-75A	139.3	0.62	0.172	0.609	0.985	0.125	0.693	0.988	0.131	0.801
R-78	102.3	0.481	0.424	1.118	0.981	0.126	1.258	0.993	0.136	1.437
R-81	213.8	0.567	0.226	1.924	0.986	0.117	2.049	0.992	0.122	2.087
R-84A	411.1	0.612	0.158	0.758	0.984	0.112	0.643	0.988	0.112	0.643
R-87	221.3	0.535	0.305	1.465	0.98	0.129	1.684	0.99	0.141	1.853
R-90	70.5	0.408	0.564	1.153	0.965	0.109	0.953	0.99	0.12	1.223
R-93	82.7	0.596	0.193	0.558	0.984	0.12	0.703	0.989	0.127	0.853
R-96	153.5	0.465	0.436	0.972	0.977	0.119	1.035	0.992	0.131	1.295
R-99	129.3	0.399	0.653	1.013	0.963	0.116	1.396	0.99	0.136	1.934
R-102	106.4	0.345	0.939	0.916	0.951	0.117	1.289	0.989	0.138	1.915
R-108	179.3	0.437	0.466	1.212	0.966	0.105	1.297	0.99	0.119	1.66
R-111	213.7	0.454	0.401	1.171	0.974	0.103	1.078	0.991	0.114	1.301
R-114	197.4	0.646	0.118	0.9	0.985	0.099	0.894	0.987	0.105	0.99
R-117	149.2	0.705	0.085	0.72	0.99	0.107	0.644	0.987	0.106	0.648
R-120	146.7	0.548	0.267	0.773	0.971	0.121	0.999	0.986	0.143	1.695
R-123	102.9	0.352	1.191	1.876	0.973	0.148	3.01	0.994	0.186	4.023

OFFSHORE PROFILE POWER CURVE FITS

MARTIN COUNTY.. COMPLETE SURVEY - 1982.

Offshore Survey Dates (day,mo,yr): 160382 to 180282.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-126	153.0	0.52	0.41	1.369	0.986	0.15	1.983	0.993	0.172	2.519
R-127	136.7	0.551	0.316	1.296	0.98	0.144	1.66	0.99	0.162	2.052

OFFSHORE PROFILE POWER CURVE FITS

PALM BEACH COUNTY 1974

Offshore Survey Dates (day,mo,yr): 041274 to 191274.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	123.5	0.56	0.327	0.584	0.986	0.156	1.12	0.992	0.174	1.815
R-3*	121.3	0.797	0.066	1.879	0.996	0.153	1.265	0.99	0.141	1.532
R-6*	153.6	0.751	0.086	1.943	0.996	0.147	1.503	0.993	0.147	1.503
R-9	212.5	0.359	0.994	1.703	0.957	0.133	1.856	0.989	0.174	3.447
R-12	250.9	0.248	1.918	2.399	0.939	0.125	2.68	0.989	0.172	4.399
R-15	246.5	0.308	1.054	2.327	0.947	0.088	3.198	0.99	0.131	4.655
R-18*	144.0	0.511	0.394	1.577	0.975	0.133	1.949	0.989	0.163	3
R-21	118.0	0.383	0.906	1.284	0.964	0.135	2.077	0.991	0.173	3.415
R-24*	264.8	0.477	0.463	1.666	0.965	0.13	2.052	0.988	0.164	3.056
R-27*	134.6	0.813	0.065	3.951	0.997	0.15	2.991	0.989	0.153	2.999
R-30	134.3	1.014	0.014	3.346	1	0.137	1.097	0.99	0.117	1.907
R-33	195.3	0.574	0.267	1.322	0.98	0.139	1.49	0.989	0.156	1.959
R-36	155.7	0.445	0.568	2.301	0.971	0.136	1.471	0.991	0.14	1.5
R-39	207.7	0.393	0.974	0.861	0.97	0.155	1.668	0.992	0.191	3.219
R-42	172.2	0.435	0.677	1.47	0.972	0.144	1.376	0.991	0.161	1.936
R-45	95.6	0.609	0.216	1.862	0.984	0.154	1.721	0.989	0.156	1.728
R-48	126.7	0.654	0.18	1.449	0.986	0.158	1.279	0.987	0.169	1.562
R-51	132.7	0.546	0.416	3	0.98	0.176	3.486	0.99	0.205	4.057
R-54	128.4	0.515	0.443	2.835	0.969	0.161	3.236	0.987	0.188	3.75
R-57*	115.3	0.562	0.333	1.454	0.979	0.156	1.719	0.988	0.185	2.809
R-60	193.4	0.607	0.231	1.446	0.981	0.153	1.617	0.987	0.162	1.742
R-63	116.6	0.502	0.397	1.776	0.985	0.137	1.403	0.994	0.143	1.49
R-66	107.4	0.475	0.567	2.26	0.98	0.164	1.829	0.993	0.168	1.852
R-69	83.8	0.545	0.283	2.133	0.982	0.139	1.477	0.991	0.135	1.512
R-72	362.9	0.454	0.652	2.698	0.973	0.163	2.268	0.991	0.175	2.453
R-75OS	126.1	0.659	0.213	0.955	0.99	0.207	0.89	0.991	0.204	0.919
R-78	186.2	0.687	0.158	1.316	0.992	0.189	1.227	0.991	0.18	1.452
R-81	91.9	0.67	0.186	1.707	0.991	0.197	1.647	0.991	0.191	1.726
R-84	74.7	0.766	0.11	1.439	0.996	0.219	1.323	0.992	0.203	1.885
R-90	47.6	0.543	0.327	3.7	0.974	0.157	3.108	0.988	0.152	3.143
R-93	121.9	0.36	1.307	3.805	0.96	0.163	4.096	0.991	0.182	4.42
R-96	141.3	0.491	0.462	2.945	0.975	0.134	3.397	0.99	0.152	3.768
R-99	43.1	0.491	0.421	3.483	0.969	0.135	3.665	0.989	0.152	3.896
R-102	23.8	0.625	0.203	3.31	0.984	0.145	3.367	0.987	0.161	3.545
R-105	71.6	0.632	0.192	2.134	0.99	0.164	1.852	0.992	0.156	1.96

OFFSHORE PROFILE POWER CURVE FITS

PALM BEACH COUNTY 1974

Offshore Survey Dates (day,mo,yr): 041274 to 191274.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-108	182.1	0.532	0.4	2.875	0.979	0.177	2.385	0.99	0.183	2.423
R-111	111.4	0.531	0.387	2.374	0.985	0.163	2.079	0.993	0.171	2.175
R-114*	127.5	0.512	0.471	2.741	0.974	0.174	2.403	0.99	0.187	2.623
R-117*	240.5	0.699	0.14	1.235	0.991	0.173	1.264	0.989	0.169	1.289
R-120	92.1	0.543	0.302	2.38	0.978	0.152	1.546	0.989	0.154	1.55
R-123	106.9	0.529	0.375	2.458	0.972	0.157	1.93	0.987	0.165	2.052
R-126	93.1	0.459	0.542	2.937	0.956	0.151	2.173	0.986	0.172	2.619
R-129	158.1	0.46	0.533	3.012	0.966	0.152	1.91	0.989	0.166	2.185
R-132*	144.3	0.574	0.297	2.341	0.982	0.172	1.885	0.99	0.174	1.897
R-135	129.9	0.514	0.444	2.61	0.981	0.168	2.24	0.992	0.18	2.425
R-138	162.1	0.597	0.286	2.279	0.989	0.187	1.978	0.993	0.187	1.978
R-141	72.9	0.674	0.16	1.868	0.991	0.182	1.583	0.991	0.167	1.958
R-144*	115.9	0.65	0.202	2.121	0.992	0.189	1.912	0.992	0.182	2.025
R-147	177.1	0.557	0.351	2.455	0.981	0.177	2.055	0.99	0.179	2.061
R-150	198.9	0.704	0.131	2.632	0.989	0.168	2.684	0.986	0.163	2.718
R-153	183.0	0.494	0.386	2.393	0.978	0.133	1.899	0.991	0.141	1.991
R-156	215.6	0.548	0.353	2.744	0.987	0.177	1.916	0.993	0.175	1.924
R-159	138.9	0.576	0.304	2.31	0.982	0.174	1.983	0.989	0.178	2.009
R-162*	128.6	0.712	0.13	1.491	0.992	0.183	1.574	0.989	0.169	1.89
R-165	151.6	0.562	0.343	2.402	0.981	0.188	1.605	0.99	0.195	1.661
R-168*	38.9	0.503	0.464	3.232	0.976	0.172	2.225	0.99	0.178	2.286
R-171	82.7	0.741	0.098	2.439	0.994	0.174	2.508	0.99	0.153	2.986
R-174	59.9	0.465	0.618	3.452	0.976	0.176	2.372	0.992	0.191	2.627
R-177	205.4	0.524	0.435	3.01	0.977	0.189	2.155	0.989	0.196	2.204
R-180	191.4	0.808	0.065	2.279	0.996	0.182	2.591	0.988	0.149	3.528
R-183*	181.0	0.853	0.046	2.589	0.998	0.18	3.039	0.99	0.141	4.255
R-186	234.5	0.739	0.094	3.464	0.993	0.177	3.291	0.988	0.145	4.071
R-189	110.6	0.772	0.074	3.321	0.995	0.17	3.403	0.99	0.142	4.015
R-192	78.2	0.728	0.113	2.948	0.994	0.184	2.978	0.991	0.165	3.322
R-195	127.2	0.542	0.422	3.046	0.981	0.198	2.251	0.99	0.201	2.259
R-198	164.3	0.51	0.531	3.142	0.982	0.206	2.113	0.992	0.214	2.204
R-201	126.1	0.591	0.328	1.739	0.986	0.211	1.189	0.991	0.212	1.191
R-204	172.0	0.541	0.387	2.917	0.981	0.191	1.634	0.991	0.192	1.636
R-207*	239.0	0.472	0.632	2.926	0.964	0.195	2.014	0.987	0.212	2.284
R-210	173.4	0.502	0.499	3.819	0.971	0.194	2.476	0.988	0.194	2.476

OFFSHORE PROFILE POWER CURVE FITS

PALM BEACH COUNTY 1974

Offshore Survey Dates (day,mo,yr): 041274 to 191274.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-213*	163.0	0.547	0.44	1.983	0.98	0.207	1.502	0.99	0.224	1.912
R-216	140.2	0.519	0.469	3.162	0.975	0.192	2.334	0.989	0.209	2.639
R-219	129.6	0.502	0.578	2.493	0.977	0.201	2.067	0.99	0.234	3.197
R-222*	243.5	0.494	0.546	3.952	0.965	0.198	3.049	0.986	0.213	3.193
R-225*	189.9	0.516	0.429	2.482	0.967	0.163	2.126	0.986	0.185	2.626

OFFSHORE PROFILE POWER CURVE FITS

PALM BEACH, 1981 A. V. STROCK AND ASSOC.

Offshore Survey Dates (day,mo,yr): 001181 to 001181.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
T-152	116.3	0.568	0.236	2.043	0.984	0.121	2.201	0.991	0.134	2.42
R-153	203.0	0.45	0.586	3.222	0.974	0.149	2.371	0.991	0.158	2.501
R-154	124.9	0.501	0.514	2.335	0.977	0.172	2.147	0.991	0.19	2.618
R-155	120.5	0.72	0.123	1.439	0.993	0.18	1.496	0.991	0.169	1.735
R-156	160.6	0.547	0.386	2.257	0.98	0.182	1.664	0.99	0.186	1.709
R-157	171.0	0.519	0.483	2.689	0.977	0.189	1.868	0.99	0.198	2.011
R-158	101.8	0.56	0.368	2.254	0.979	0.188	1.774	0.989	0.197	1.914
R-159	151.8	0.538	0.46	2.34	0.979	0.201	1.845	0.99	0.215	2.175
R-160	152.6	0.502	0.571	2.296	0.976	0.197	1.618	0.99	0.213	2.098
R-161	133.8	0.568	0.37	2.077	0.983	0.199	1.645	0.99	0.209	1.811
T-162	155.8	0.57	0.379	2.116	0.98	0.204	1.634	0.989	0.212	1.742
R-163	146.6	0.539	0.486	2.062	0.978	0.212	1.643	0.989	0.227	2.056
R-164	158	0.611	0.286	1.763	0.987	0.207	1.287	0.99	0.204	1.299
R-165	172.2	0.508	0.551	3.125	0.971	0.204	2.159	0.988	0.216	2.346
R-177	209.5	0.553	0.414	2.622	0.982	0.203	2.006	0.991	0.21	2.077
R-178	208.9	0.656	0.201	2.607	0.99	0.204	2.265	0.99	0.189	2.506
R-179	262.5	0.644	0.231	2.555	0.988	0.208	2.369	0.989	0.203	2.399
R-180	297.4	0.601	0.322	2.445	0.986	0.217	2.001	0.991	0.216	2.002
R-181	222.8	0.67	0.195	2.012	0.991	0.209	1.894	0.991	0.199	2.042
R-182	225.2	0.725	0.13	2.032	0.995	0.203	2.183	0.992	0.187	2.537
T-183	163.7	0.746	0.109	2.17	0.995	0.2	2.254	0.991	0.178	2.904

OFFSHORE PROFILE POWER CURVE FITS

DADE COUNTY 1976

Offshore Survey Dates (day,mo,yr): 001276.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	206.4	0.654	0.189	1.447	0.992	0.17	1.461	0.993	0.175	1.525
R-2	141	0.71	0.139	1.517	0.993	0.181	1.146	0.991	0.183	1.164
R-3	163	0.676	0.179	1.036	0.993	0.19	0.999	0.993	0.191	1.001
R-4	193.8	0.739	0.125	2.355	0.994	0.194	1.749	0.99	0.196	1.76
T-5	165.6	0.612	0.274	2.394	0.99	0.183	2.609	0.992	0.195	2.802
R-6	166.4	0.577	0.357	2.592	0.987	0.186	3.025	0.992	0.203	3.361
R-7	149.2	0.787	0.094	3.842	0.996	0.19	2.462	0.989	0.196	2.514
R-8	75.8	0.655	0.213	2.271	0.991	0.19	2.231	0.992	0.199	2.358
T-9	102.2	0.58	0.341	1.965	0.989	0.183	2.39	0.993	0.197	2.661
R-10	178.8	0.595	0.324	2.81	0.987	0.188	3.11	0.992	0.207	3.506
R-11	133	0.655	0.214	2.538	0.991	0.188	2.458	0.991	0.199	2.641
T-12	110.8	0.617	0.254	1.244	0.99	0.178	1.426	0.993	0.185	1.555
R-13	73.8	0.69	0.148	1.375	0.993	0.176	1.365	0.992	0.172	1.399
R-14	97.6	0.758	0.113	2.515	0.995	0.195	1.494	0.99	0.199	1.524
R-15	72.2	0.617	0.305	2.273	0.99	0.208	2.468	0.992	0.224	2.803
R-16	117.4	0.61	0.312	1.999	0.989	0.204	2.265	0.992	0.218	2.565
R-17	143.8	0.738	0.117	2.144	0.994	0.187	1.935	0.99	0.183	1.959
R-18	143.3	0.803	0.074	2.303	0.997	0.186	1.978	0.99	0.174	2.221
R-19	133.7	0.719	0.138	2.24	0.994	0.192	1.965	0.991	0.192	1.965
R-20	330.6	0.851	0.056	3.327	0.998	0.191	2.592	0.991	0.177	2.829
T-21	387.2	0.738	0.139	3.462	0.994	0.212	2.82	0.99	0.216	2.843
R-22	305	0.749	0.107	1.871	0.996	0.187	1.61	0.992	0.182	1.659
R-23	468.6	0.664	0.223	2.224	0.991	0.21	2.119	0.991	0.22	2.247
R-24	359.6	0.573	0.379	2.534	0.987	0.199	2.926	0.992	0.211	3.079
R-25	284.2	0.68	0.173	2.304	0.992	0.181	2.136	0.991	0.188	2.207
R-26	236.6	0.599	0.29	3.961	0.986	0.17	4.194	0.991	0.191	4.531
R-29	354.2	0.624	0.285	2.105	0.99	0.207	2.285	0.992	0.218	2.467
R-30	342.1	0.656	0.206	1.567	0.989	0.185	1.481	0.99	0.194	1.663
R-32	414.6	0.595	0.352	2.455	0.988	0.209	2.793	0.992	0.227	3.115
R-33	492.2	0.741	0.153	3.803	0.994	0.227	3.035	0.99	0.237	3.105
R-34	546.9	0.789	0.106	3.891	0.996	0.212	2.667	0.989	0.218	2.7
R-35	561.6	0.584	0.367	2.266	0.988	0.204	2.642	0.992	0.223	2.937
R-36	496	0.748	0.129	3.457	0.994	0.2	2.61	0.99	0.21	2.7
T-37	465.8	0.544	0.431	2.243	0.986	0.184	2.812	0.993	0.205	3.188
T-38	470.4	0.54	0.425	2.535	0.985	0.177	3.071	0.993	0.199	3.421

OFFSHORE PROFILE POWER CURVE FITS

DADE COUNTY 1976

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(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
T-39	468.2	0.527	0.473	2.763	0.984	0.179	3.392	0.992	0.203	3.774
R-40	541.2	0.67	0.199	3.417	0.99	0.186	3.15	0.99	0.203	3.386
R-41	501.8	0.523	0.522	2.447	0.986	0.197	3.151	0.993	0.219	3.505
R-42	367.4	0.544	0.459	3.361	0.985	0.193	3.97	0.992	0.217	4.357
R-43	307.2	0.429	0.769	1.76	0.978	0.153	2.866	0.993	0.178	3.405
R-44	280.2	0.56	0.354	2.19	0.985	0.164	2.622	0.992	0.185	3.036
R-45	491.4	0.665	0.194	2.66	0.99	0.177	2.434	0.99	0.193	2.671
T-46	351.2	0.454	0.72	2.116	0.982	0.172	3.128	0.993	0.196	3.584
R-47	694.2	0.746	0.137	3.964	0.994	0.205	3.241	0.989	0.217	3.316
R-48	447.6	0.729	0.13	3.754	0.993	0.173	3.062	0.989	0.188	3.231
R-49	489.6	0.65	0.213	2.777	0.99	0.177	2.664	0.991	0.194	2.9
R-50	465.2	0.546	0.409	1.763	0.986	0.18	2.288	0.993	0.199	2.637
R-51	623.4	0.545	0.401	2.924	0.985	0.175	3.371	0.992	0.197	3.634
R-52	495	0.635	0.2	3.436	0.988	0.146	3.375	0.99	0.167	3.635
R-53	540.4	0.599	0.277	4.195	0.986	0.163	4.379	0.99	0.186	4.641
R-54	641.4	0.697	0.173	3.27	0.992	0.192	2.857	0.99	0.207	3.017
R-55	391.4	0.627	0.242	3.722	0.988	0.17	3.723	0.991	0.191	4.024
R-56	396.6	0.727	0.142	4.228	0.993	0.188	3.536	0.99	0.203	3.693
R-57	458	0.511	0.536	2.61	0.985	0.187	3.322	0.993	0.21	3.682
R-58	463.4	0.55	0.436	2.865	0.987	0.195	3.39	0.993	0.216	3.702
R-59	495.6	0.783	0.115	4.066	0.996	0.219	3.161	0.99	0.224	3.178
R-60	538.8	0.757	0.141	3.879	0.995	0.232	3.247	0.991	0.238	3.263
R-61	556	0.442	0.804	2.952	0.975	0.169	4.24	0.992	0.2	4.879
R-62	589	0.607	0.269	2.938	0.985	0.165	3.05	0.989	0.188	3.509
R-63	562.4	0.512	0.482	1.351	0.981	0.165	2.147	0.991	0.186	2.685
R-64	680.4	0.579	0.34	2.878	0.984	0.176	3.246	0.99	0.201	3.754
R-65	701	0.427	0.858	2.438	0.975	0.163	3.783	0.992	0.194	4.509
R-66	212.6	0.55	0.361	2.964	0.986	0.159	3.426	0.992	0.174	3.654
R-67	134	0.625	0.203	2.999	0.989	0.145	3.101	0.991	0.157	3.255
R-68	168.6	0.546	0.331	2.131	0.985	0.14	2.603	0.992	0.156	2.906
R-69	183.8	0.565	0.323	1.922	0.984	0.153	2.337	0.991	0.172	2.794
R-70	402.2	0.544	0.394	1.564	0.985	0.167	2.152	0.992	0.183	2.509
R-71	278	0.679	0.169	2	0.992	0.179	1.878	0.991	0.184	1.917
R-72	342.4	0.73	0.136	2.245	0.994	0.197	1.611	0.99	0.201	1.639
R-73	377	0.675	0.221	2.758	0.992	0.223	2.508	0.991	0.234	2.663

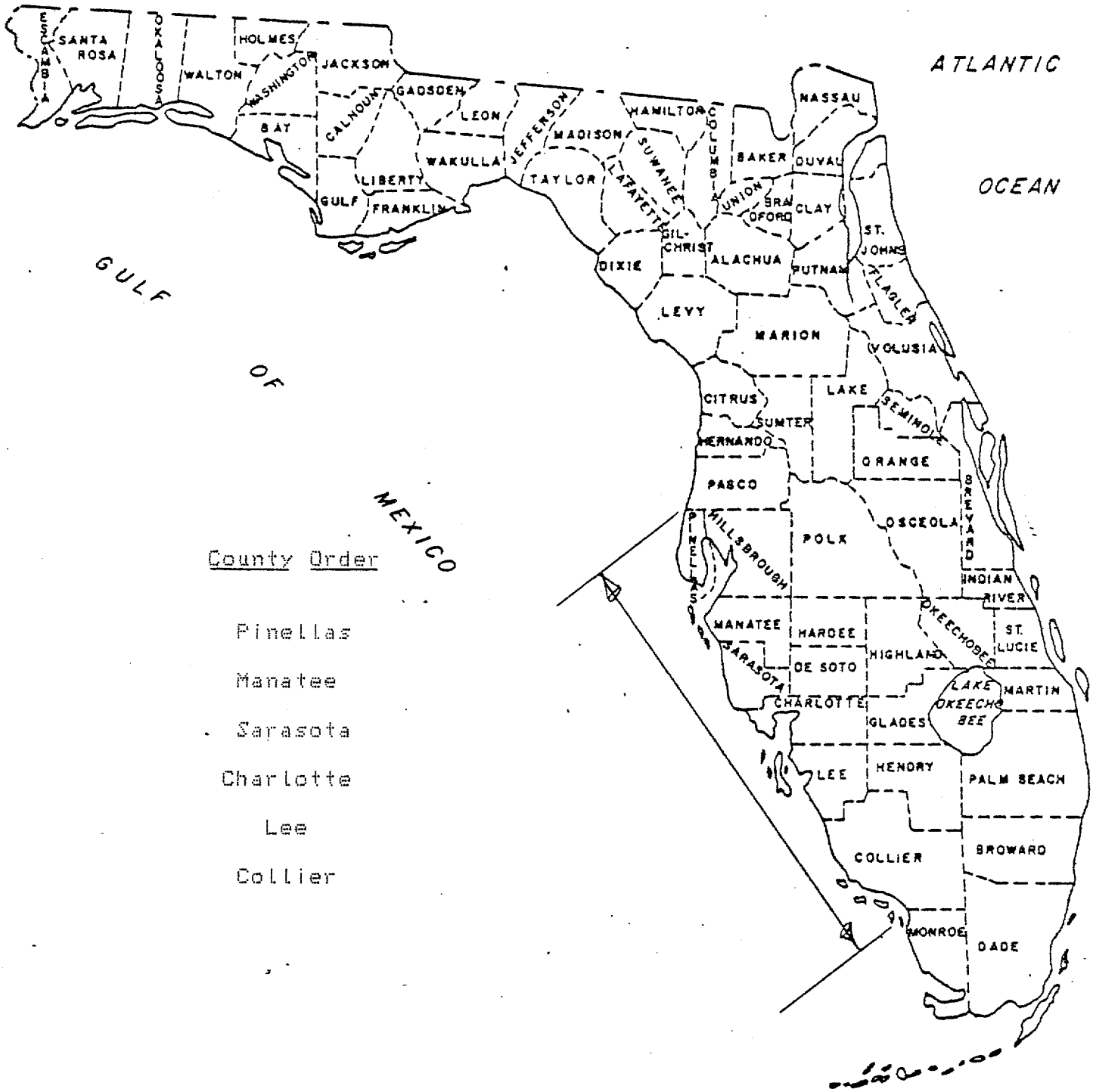
OFFSHORE PROFILE POWER CURVE FITS

DADE COUNTY 1976

Offshore Survey Dates (day,mo,yr): 001276.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-74	290	0.711	0.18	3.767	0.993	0.224	3.107	0.99	0.236	3.262

AREA III. LOWER GULF COAST



County Order

Pinellas

Manatee

Sarasota

Charlotte

Lee

Collier

OFFSHORE PROFILE POWER CURVE FITS

PINELLAS, 1974 (WITHOUT R-92 AND R-166 AS OF 4/19/83)

OFFSHORE SURVEY DATES (DAY,MO,YR): 240974.
B = EXPONENT; A = SHAPE COEFFICIENT; R = CORRELATION COEFFICIENT
(R FOR THE FIXED EXP DATA APPLIES TO BOTH DIRECT AND LOG METHODS);
E = RMS ERROR.
RMS

DNR REF MON NO	ZERO NGVD DIST FROM MONU	EXPONENT NOT FIXED B	A	E RMS	R	EXPONENT FIXED AT 2/3 DIRECT METHOD A	E RMS	R	LOG METHOD A	E RMS
R-1	387.5	0.83	0.01	2.25	0.99	0.057	2.08	0.989	0.042	2.263
R-3	220	0.06	1.47	2.049	0.92	0.038	2.555	0.993	0.046	2.613
R-9	937.2	0.52	0.26	3.403	0.98	0.119	3.066	0.992	0.115	3.08
R-12	390.4	0.63	0.14	1.597	0.98	0.104	1.534	0.99	0.12	1.893
R-18	90.8	0.26	0.99	1.037	0.91	0.064	1.658	0.988	0.099	3.195
R-21	160.4	0.62	0.14	1.075	0.99	0.106	1.144	0.993	0.115	1.3
R-24	410.4	0.80	0.04	2.17	0.99	0.107	1.392	0.992	0.107	1.392
R-27	247.8	0.63	0.08	0.201	0.99	0.063	0.2	0.995	0.066	0.376
R-33	167.8	0.35	0.59	0.84	0.97	0.069	1.26	0.993	0.091	2.152
R-36	92.7	0.60	0.15	1.463	0.98	0.091	1.467	0.99	0.108	1.911
R-39	110.2	0.60	0.16	1.551	0.98	0.103	1.676	0.992	0.113	1.896
R-42	296.7	0.76	0.06	1.857	0.99	0.11	1.29	0.99	0.111	1.29
R-45	266.0	0.39	0.44	0.87	0.97	0.065	1.5	0.992	0.081	1.974
R-48	22.3	-0.16	16.71	5.941	-0.86	0.076	8.041	0.992	0.116	8.595
R-54	121.2	0.50	0.26	0.827	0.97	0.087	1.111	0.989	0.103	1.56
R-57	99.0	0.80	0.06	2.927	0.99	0.135	1.504	0.988	0.136	1.504
R-60	259.0	0.55	0.37	1.674	0.98	0.171	2.212	0.992	0.195	2.879
R-63	1.8	0.33	1.38	2.773	0.92	0.172	2.547	0.988	0.242	5.762
R-66	76.4	0.81	0.07	3.536	0.99	0.177	2.539	0.992	0.17	2.602
R-69	46.7	0.68	0.15	2.375	0.99	0.179	2.279	0.989	0.17	2.36
R-72	89.1	0.56	0.35	2.231	0.98	0.182	2.605	0.989	0.2	2.972
R-75	118.5	0.68	0.15	2.688	0.99	0.177	2.607	0.99	0.167	2.691
R-78	54.2	0.98	0.02	4.12	1	0.166	2.536	0.99	0.127	3.717
R-81	155.2	0.61	0.23	2.468	0.99	0.151	2.624	0.994	0.165	2.894
R-84	136.4	0.64	0.18	3.905	0.98	0.142	3.709	0.989	0.165	4.071
R-87	91	0.73	0.08	2.083	0.99	0.14	1.801	0.991	0.134	1.859
R-90	200.7	0.54	0.32	1.534	0.98	0.136	2.045	0.993	0.153	2.523
R-93	62.9	0.55	0.29	1.436	0.98	0.133	1.779	0.992	0.145	2.085
R-96*	216.6	0.79	0.05	3.157	0.99	0.126	2.315	0.993	0.13	2.333
R-99	320.1	0.74	0.08	2.352	0.99	0.142	2.046	0.989	0.14	2.05
R-102	178.8	0.64	0.13	1.616	0.98	0.111	1.652	0.99	0.121	1.782
R-105	71.7	0.58	0.18	1.564	0.98	0.106	1.73	0.991	0.116	1.882
R-108	219.0	0.74	0.05	2.144	0.99	0.104	1.887	0.988	0.091	2.14
R-114*	175.2	0.50	0.33	0.869	0.98	0.114	1.388	0.992	0.132	1.957
R-117	294.8	0.54	0.24	1.051	0.97	0.114	1.287	0.986	0.134	1.904

OFFSHORE PROFILE POWER CURVE FITS

PINELLAS, 1974 (WITHOUT R-92 AND R-166 AS OF 4/19/83)

OFFSHORE SURVEY DATES (DAY,MO,YR): 240974.
B = EXPONENT; A = SHAPE COEFFICIENT; R = CORRELATION COEFFICIENT
(R FOR THE FIXED EXP DATA APPLIES TO BOTH DIRECT AND LOG METHODS);
E = RMS ERROR.
RMS

DNR REF MON NO	ZERO NGVD DIST FROM MONU	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						DIRECT METHOD			LOG METHOD	
		B	A	E RMS	R	A	E RMS	R	A	E RMS
R-120	217.7	0.49	0.35	1.257	0.98	0.117	1.523	0.993	0.135	1.941
R-123	370.6	0.44	0.31	0.85	0.97	0.07	1.242	0.992	0.085	1.675
R-126	329.5	0.67	0.17	2.567	0.99	0.169	2.434	0.99	0.177	2.531
R-128	10.2	-0.33	29.64	1.024	-0.99	0.036	1.152	0.999	0.034	1.159
R-129	806.7	0.31	0.71	0.395	0.96	0.07	1.25	0.993	0.091	1.899
R-132	246.5	0.61	0.17	2.002	0.98	0.123	2.143	0.989	0.135	2.316
R-135*	242.4	0.78	0.05	2.24	0.99	0.127	1.905	0.992	0.114	2.194
R-138	194.0	0.56	0.21	2.126	0.98	0.105	2.368	0.99	0.12	2.653
R-141	95.0	0.56	0.22	1.114	0.98	0.114	1.384	0.99	0.128	1.717
R-144*	11.6	0.14	1.81	2.708	0.92	0.07	2.449	0.99	0.075	2.482
R-150*	196.7	0.69	0.11	1.389	0.99	0.129	1.281	0.989	0.13	1.281
R-153	186.6	0.65	0.12	1.653	0.99	0.125	1.605	0.991	0.12	1.641
R-156	168.2	0.64	0.13	1.261	0.99	0.12	1.281	0.991	0.122	1.288
R-159	144.7	0.72	0.07	1.63	0.99	0.106	1.515	0.986	0.096	1.641
R-162*	200	1.22	0.00	6.338	0.99	0.089	1.436	0.986	0.049	3.143
R-165	363.8	-0.11	6.60	0.826	-0.88	0.036	1.969	0.993	0.054	2.443
R-168N*	428.5	0.28	1.64	5.161	0.94	0.145	5.164	0.992	0.199	6.764
R-168W*	340.5	0.14	0.92	1.036	0.94	0.03	1.407	0.993	0.039	1.55
R-171	225.9	0.2	0.84	1.592	0.94	0.041	1.962	0.993	0.048	2.04
R-174*	249.4	0.45	0.44	2.388	0.96	0.088	2.944	0.99	0.137	4.721
R-177*	281.4	0.38	0.84	4.016	0.97	0.126	4.072	0.992	0.145	4.385
R-180	205.4	0.59	0.19	2.609	0.99	0.125	2.628	0.994	0.127	2.637
R-186	155.5	0.71	0.11	2.912	0.99	0.167	2.716	0.989	0.145	3.124
R-189	344.1	1.05	0.00	3.496	0.99	0.146	2.655	0.991	0.093	4.887

OFFSHORE PROFILE POWER CURVE FITS

MANATEE COUNTY

Offshore Survey Dates (day,mo,yr): 150874 to 200874.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-3*	86.5	0.22	1.39	0.899	0.93	0.07	2.28	0.991	0.106	3.46
R-6	207.9	-0.08	9.09	1.88	-0.9	0.058	3.75	0.992	0.089	4.53
R-9	173.6	0.46	0.39	1.779	0.96	0.087	2.34	0.989	0.132	3.80
R-12	135.7	0.53	0.41	2.213	0.97	0.163	2.82	0.989	0.206	3.93
R-15	89.8	0.54	0.36	2.303	0.97	0.172	2.46	0.987	0.189	2.69
R-18	69.0	0.6	0.24	1.994	0.98	0.167	2.03	0.989	0.173	2.08
R-21*	136.0	0.61	0.22	1.998	0.98	0.166	1.91	0.991	0.166	1.91
R-24	91.1	0.67	0.17	2.002	0.99	0.17	1.89	0.99	0.178	1.95
R-27	84.0	0.57	0.29	2.015	0.98	0.168	1.68	0.991	0.171	1.70
R-30*	117.9	0.59	0.24	2.221	0.98	0.164	1.95	0.992	0.161	1.96
R-33	97.0	0.84	0.05	2.696	0.99	0.176	1.55	0.988	0.161	1.88
R-36	91.0	0.64	0.15	1.698	0.98	0.131	1.69	0.988	0.133	1.70
R-39	282.7	0.48	0.34	0.78	0.97	0.094	1.35	0.992	0.12	2.24
R-42	331.4	-0.08	11.05	8.474	-0.85	0.084	10.69	0.991	0.119	11.03
R-45	161.6	0.70	0.05	1.265	0.99	0.062	1.2	0.991	0.062	1.2
R-48	95.8	0.63	0.15	1.813	0.98	0.115	1.7	0.99	0.133	2.10
R-51	137.4	0.53	0.34	2.043	0.97	0.137	2.36	0.99	0.154	2.69
R-54	139.2	0.53	0.33	1.524	0.98	0.144	1.72	0.99	0.161	2.11
R-57	132.1	0.57	0.23	2.176	0.98	0.146	1.54	0.989	0.143	1.56
R-60*	96.8	0.58	0.23	1.638	0.97	0.148	1.24	0.986	0.154	1.30
R-63	90.0	0.60	0.21	2.234	0.97	0.147	1.97	0.986	0.151	1.99
R-66	200.5	0.83	0.05	1.246	0.99	0.155	1.58	0.993	0.132	2.28

OFFSHORE PROFILE POWER CURVE FITS

SARASOTA, 1974

Offshore Survey Dates (day,mo,yr): 300774.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1*	300.4	0.488	0.484	1.66	0.971	0.152	1.20	0.989	0.172	2.00
R-3*	82.5	0.68	0.136	0.75	0.989	0.144	0.67	0.988	0.145	0.67
R-6*	141.6	0.625	0.22	1.73	0.988	0.167	1.74	0.99	0.174	1.80
R-9	131.7	0.658	0.158	1.91	0.986	0.164	1.58	0.987	0.151	1.82
R-12	159.2	0.676	0.132	1.49	0.993	0.145	1.47	0.992	0.141	1.51
R-15*	172.6	0.615	0.2	1.55	0.989	0.147	1.44	0.992	0.148	1.44
R-18	149.4	0.854	0.039	1.44	0.998	0.145	1.68	0.987	0.112	2.77
R-21	152.6	0.603	0.198	1.17	0.987	0.135	1.04	0.991	0.137	1.05
R-24*	202.6	0.498	0.403	1.32	0.982	0.133	1.02	0.992	0.142	1.26
R-27	247.8	0.745	0.06	1.47	0.993	0.107	1.57	0.987	0.095	1.81
R-30	80.4	0.063	5.161	7.88	0.857	0.105	9.89	0.985	0.148	10.36
R-33	385.2	0.687	0.067	1.07	0.992	0.078	1.03	0.991	0.076	1.05
R-36*	335.4	0.764	0.089	2.54	0.995	0.163	1.88	0.99	0.159	1.92
R-39	194.2	0.683	0.117	1.60	0.991	0.123	1.41	0.99	0.13	1.49
R-42	203.2	0.28	0.678	1.44	0.966	0.053	1.44	0.993	0.06	1.56
R-45	26.6	0.163	2.937	10.25	0.856	0.124	12.09	0.985	0.16	12.37
R-48	398.8	0.749	0.047	1.83	0.994	0.072	1.40	0.99	0.076	1.43
R-51*	345.4	0.608	0.139	1.79	0.984	0.086	1.85	0.989	0.1	2.09
R-54	292.2	0.877	0.036	2.10	0.998	0.139	1.37	0.988	0.119	1.97
R-57	290.9	0.823	0.046	1.92	0.997	0.146	1.89	0.989	0.117	2.87
R-60	218.5	0.72	0.097	1.61	0.995	0.148	1.61	0.992	0.134	1.93
R-63	143.7	0.789	0.087	1.73	0.996	0.193	1.07	0.99	0.176	1.61
R-66	94.4	0.585	0.308	0.83	0.982	0.175	1.10	0.989	0.198	1.92
R-69	122.2	0.613	0.26	1.94	0.989	0.173	2.14	0.992	0.191	2.47
R-72*	244.8	0.649	0.179	1.99	0.988	0.164	2.00	0.989	0.163	2.01
R-75	97.6	0.657	0.178	2.35	0.987	0.16	2.32	0.987	0.169	2.41
R-78W	305.7	0.584	0.143	2.99	0.986	0.101	2.41	0.991	0.086	2.65
R-79S	280.7	0.423	0.379	0.87	0.948	0.091	0.57	0.985	0.104	0.88
R-81	149.8	0.77	0.088	3.15	0.995	0.146	1.75	0.989	0.155	1.85
R-84	203.4	0.481	0.581	1.45	0.979	0.17	1.68	0.992	0.186	2.11
R-87	150.4	0.402	0.846	1.81	0.975	0.152	1.83	0.993	0.18	2.72
R-90	256	0.51	0.444	2.83	0.985	0.167	2.27	0.993	0.168	2.27
R-93	97.2	0.593	0.242	1.58	0.984	0.147	1.65	0.99	0.155	1.77
R-96	260.9	0.434	0.736	1.77	0.979	0.158	1.89	0.993	0.174	2.29
R-99	180.9	0.517	0.425	1.54	0.975	0.162	1.08	0.989	0.177	1.55

OFFSHORE PROFILE POWER CURVE FITS

SARASOTA, 1974

Offshore Survey Dates (day,mo,yr): 300774.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-102	193.4	0.517	0.488	1.68	0.974	0.18	1.76	0.989	0.203	2.50
R-105	172.1	0.63	0.254	2.17	0.983	0.177	1.74	0.987	0.21	2.88
R-108	167.2	0.61	0.244	0.99	0.984	0.171	0.81	0.989	0.179	0.96
R-111*	332.0	0.585	0.287	1.66	0.985	0.168	1.55	0.991	0.179	1.80
R-114	96.6	0.546	0.302	1.77	0.973	0.14	1.60	0.987	0.155	1.92
R-117	111.1	0.47	0.452	1.45	0.982	0.121	2.08	0.993	0.144	2.61
R-120	122.9	0.562	0.326	2.02	0.985	0.161	2.28	0.991	0.17	2.42
R-123	82.1	0.657	0.177	1.55	0.986	0.169	1.55	0.987	0.168	1.56
R-126*	167.9	0.493	0.465	1.72	0.98	0.153	1.39	0.992	0.161	1.55
R-129	140.3	0.585	0.304	2.06	0.985	0.179	2.27	0.991	0.192	2.44
R-132	171.4	0.473	0.516	2.36	0.976	0.149	1.70	0.991	0.161	1.94
R-135	129.5	0.489	0.476	1.88	0.98	0.152	1.51	0.992	0.163	1.74
R-138	261.1	0.482	0.485	1.43	0.973	0.145	0.87	0.99	0.161	1.58
R-141	243.0	0.535	0.351	1.14	0.98	0.141	1.46	0.991	0.164	2.23
R-144	252.7	0.461	0.587	0.96	0.98	0.152	1.17	0.992	0.172	1.92
R-147	118.7	0.494	0.41	1.78	0.969	0.139	1.48	0.988	0.154	1.81
R-150	174.1	0.473	0.524	1.86	0.973	0.148	1.49	0.99	0.158	1.68
R-153	189.3	0.502	0.433	1.86	0.972	0.147	1.77	0.989	0.163	2.15
R-156	210.5	0.394	0.865	1.96	0.967	0.15	2.20	0.991	0.177	2.86
R-159	196.4	0.607	0.218	1.19	0.982	0.148	1.25	0.988	0.158	1.43
R-162	131.2	0.537	0.305	2.32	0.974	0.153	1.34	0.988	0.154	1.34
R-165	137	0.482	0.481	1.64	0.968	0.147	1.6	0.989	0.184	2.85
R-168	87.9	0.692	0.139	1.83	0.989	0.16	1.78	0.987	0.159	1.78
R-171	151.4	0.531	0.367	2.56	0.98	0.149	2.88	0.99	0.166	3.08
R-174	96.0	0.563	0.259	1.73	0.978	0.137	1.65	0.988	0.145	1.75
R-177	100.6	0.581	0.236	1.69	0.981	0.138	1.47	0.989	0.144	1.57
R-180	156.7	0.437	0.627	2.00	0.978	0.137	1.84	0.993	0.153	2.24
R-183	138.2	0.558	0.287	2.37	0.981	0.142	2.37	0.99	0.151	2.46

OFFSHORE PROFILE POWER CURVE FITS

CHARLOTTE, 1974

Offshore Survey Dates (day,mo,yr): 050674 to 120674.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-1	132.1	0.47	0.499	1.216	0.97	0.134	1.694	0.991	0.158	2.538
R-3	106.4	0.36	1.024	1.664	0.96	0.136	2.085	0.992	0.164	3.032
R-6	125.6	0.59	0.244	1.232	0.98	0.145	1.359	0.988	0.161	1.788
R-9	150.7	0.48	0.494	1.501	0.97	0.155	1.557	0.989	0.178	2.267
R-12	195.0	0.65	0.177	2.846	0.98	0.146	2.552	0.989	0.167	2.963
R-15	110.8	0.54	0.31	1.164	0.97	0.137	1.359	0.99	0.158	2.075
R-18	147.0	0.64	0.132	1.12	0.98	0.12	1.074	0.99	0.119	1.076
R-21S	199.8	0.60	0.096	1.744	0.98	0.05	1.538	0.99	0.068	2.09
R-24	322.8	0.19	1.15	1.36	0.93	0.049	1.642	0.991	0.067	2.156
R-27	360.4	0.43	0.486	0.825	0.97	0.1	1.196	0.992	0.115	1.686
R-30	354.7	0.46	0.441	1.076	0.97	0.113	1.511	0.992	0.133	2.171
R-33	171.5	0.56	0.24	1.018	0.97	0.121	1.217	0.989	0.138	1.688
R-36	337.4	0.58	0.225	1.141	0.98	0.125	1.298	0.989	0.14	1.689
R-39	291.4	0.68	0.114	1.692	0.99	0.123	1.535	0.99	0.128	1.581
R-42	203.1	0.57	0.22	1.716	0.98	0.121	1.585	0.991	0.123	1.59
R-45	192.9	0.65	0.114	1.487	0.99	0.104	1.47	0.991	0.109	1.511
R-48	135.3	0.59	0.171	1.277	0.98	0.106	1.392	0.989	0.115	1.525
R-51	322.6	0.72	0.072	1.315	0.99	0.104	1.149	0.992	0.103	1.15
R-54	240.8	0.64	0.105	1.066	0.98	0.091	1.058	0.99	0.092	1.066
R-57	77.1	¯0.02	1.698	0.51	¯0.88	0.017	0.811	0.991	0.025	1.059
R-60	497.1	0.52	0.258	1.386	0.97	0.086	1.649	0.989	0.114	2.691
R-63	283.5	0.53	0.238	1.744	0.97	0.089	1.953	0.988	0.118	2.952
R-66	295.8	0.65	0.148	2.554	0.99	0.122	2.229	0.99	0.142	2.634

OFFSHORE PROFILE POWER CURVE FITS

LEE 1974 CONTROL LINE

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
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e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	287.1	0.72	0.09	1.78	0.99	0.13	1.4	0.991	0.132	1.408
R-3	156.8	0.73	0.09	1.82	0.99	0.136	1.253	0.987	0.134	1.26
R-6	101.1	0.52	0.32	1.364	0.97	0.131	1.264	0.99	0.15	1.891
R-9	255.1	0.58	0.24	0.837	0.98	0.141	0.869	0.991	0.155	1.426
R-12	72.8	0.55	0.29	1.357	0.98	0.143	1.361	0.99	0.15	1.453
R-15	38.2	0.55	0.30	0.619	0.97	0.141	0.969	0.987	0.163	1.698
R-18	235.9	0.51	0.39	1.237	0.97	0.133	1.764	0.989	0.184	3.788
R-21	380.5	0.57	0.24	2.594	0.98	0.122	2.783	0.988	0.156	3.576
R-24	262.2	0.43	0.61	3.112	0.96	0.12	4.028	0.988	0.18	5.582
R-27	114.0	0.13	2.16	3.628	0.94	0.071	3.545	0.993	0.079	3.61
R-30	100.3	0.37	0.68	0.883	0.95	0.089	1.693	0.99	0.127	3.327
R-33	384.7	0.21	1.91	1.403	0.93	0.084	3.109	0.99	0.137	5.209
R-36	462.2	0.16	1.97	1.908	0.93	0.068	3.012	0.992	0.098	3.74
R-39	297.5	0.53	0.27	3.24	0.97	0.098	3.397	0.988	0.132	4.376
R-42	376.0	0.16	2.76	1.449	0.94	0.089	3.607	0.993	0.142	5.484
R-45	221.1	0.03	4.24	1.138	0.91	0.06	2.902	0.992	0.091	3.846
R-48	181.2	0.94	0.02	4.552	0.99	0.106	2.652	0.991	0.105	2.653
R-51	173.8	0.42	0.54	1.947	0.97	0.105	2.242	0.992	0.122	2.644
R-54	354.3	0.35	1.08	2.184	0.96	0.127	3.624	0.992	0.162	4.601
R-57	231.7	0.52	0.41	2.913	0.98	0.151	3.588	0.992	0.185	4.399
R-60	129.9	0.57	0.28	1.982	0.98	0.149	2.359	0.991	0.169	2.765
R-63	83.0	0.43	0.53	1.027	0.97	0.111	1.199	0.992	0.132	1.998
R-66	62.0	0.28	1.86	7.517	0.95	0.147	8.76	0.992	0.164	8.884
R-69	203.7	0.04	4.21	0.753	0.91	0.066	2.226	0.992	0.093	3.091
R-72	209.8	-0.32	25.27	1.861	-0.84	0.035	3.545	0.991	0.06	4.094
R-75	210.4	0.13	2.98	1.088	0.91	0.079	2.104	0.991	0.102	3.002
R-78	72.8	0.43	0.62	1.299	0.97	0.13	2.17	0.991	0.158	3.052
R-81	324.9	0.49	0.31	0.69	0.98	0.106	0.623	0.992	0.119	1.097
R-84	168.4	0.11	2.67	1.132	0.91	0.062	2.488	0.991	0.093	3.515
R-87	294.2	0.49	0.50	2.055	0.97	0.145	2.856	0.99	0.185	4.253
R-90	158	0.56	0.32	1.765	0.98	0.149	2.188	0.99	0.178	3.057
R-93	103.9	0.51	0.45	1.414	0.97	0.152	2.179	0.99	0.187	3.484
R-96	83.7	0.49	0.49	1.178	0.97	0.152	1.838	0.991	0.179	2.718
R-99	133.4	0.44	0.64	1.313	0.97	0.145	1.868	0.991	0.175	2.902
R-102	122.7	0.36	1.03	1.16	0.96	0.14	2.154	0.992	0.188	4.082

OFFSHORE PROFILE POWER CURVE FITS

LEE 1974 CONTROL LINE

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e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-105	97.0	0.53	0.35	1.715	0.97	0.134	2.07	0.989	0.165	3.286
R-108	73.0	0.35	1.03	1.874	0.95	0.131	1.915	0.99	0.16	3.052
R-111	171.8	0.40	0.63	1.178	0.97	0.111	1.281	0.992	0.136	2.221
R-114	171.9	0.32	1.23	0.692	0.95	0.116	2.057	0.992	0.152	3.556
R-117	225	0.39	0.66	0.583	0.97	0.104	1.327	0.992	0.131	2.487
R-120	179.4	0.41	0.57	0.761	0.97	0.106	1.415	0.991	0.135	2.612
R-123	379.4	0.48	0.33	0.77	0.97	0.095	1.364	0.992	0.116	2.117
R-126	173.3	0.53	0.24	0.742	0.98	0.104	0.974	0.992	0.116	1.282
R-129	154.0	0.37	0.67	0.676	0.97	0.096	1.485	0.993	0.125	2.567
R-132	138.4	0.6	0.15	0.865	0.98	0.099	0.948	0.989	0.106	1.07
R-135	178.9	0.68	0.08	0.741	0.99	0.088	0.608	0.989	0.091	0.649
R-138	158.0	0.44	0.38	0.588	0.97	0.084	0.937	0.993	0.099	1.461
R-141	254.9	0.42	0.41	0.472	0.97	0.081	0.955	0.993	0.097	1.51
R-144	180.8	0.44	0.36	0.53	0.97	0.077	1.13	0.992	0.097	1.903
R-147	203.3	0.43	0.38	0.386	0.97	0.078	0.975	0.991	0.101	1.971
R-150	171.5	0.51	0.22	0.591	0.97	0.082	0.558	0.99	0.094	1.06
R-153	188.2	0.57	0.14	1.111	0.98	0.087	0.798	0.991	0.087	0.799
R-159	155.5	0.56	0.17	1.459	0.98	0.099	1.178	0.993	0.098	1.179
R-162	258.8	0.63	0.09	1.301	0.99	0.087	1.077	0.992	0.08	1.192
R-165	323.8	0.56	0.14	1.292	0.98	0.08	1.06	0.991	0.08	1.06
R-168	121.7	0.85	0.01	0.473	0.99	0.071	0.644	0.992	0.059	1.14
R-171	490.3	0.53	0.12	0.637	0.97	0.054	0.532	0.99	0.057	0.57
R-174S	313.1	0.10	1.85	1.784	0.91	0.043	2.707	0.991	0.063	3.088
R-177	497.4	0.55	0.16	0.905	0.97	0.077	0.935	0.99	0.087	1.161
R-180	143.0	0.55	0.14	1.035	0.98	0.064	1.221	0.991	0.078	1.609
R-183	385.8	0.49	0.25	1.051	0.97	0.072	1.46	0.991	0.091	2.052
R-186	229.1	0.52	0.20	0.506	0.98	0.08	0.777	0.992	0.091	1.172
R-189	256.9	0.48	0.27	0.583	0.98	0.082	0.772	0.993	0.093	1.126
R-192	245.7	0.66	0.14	2.123	0.99	0.116	1.635	0.99	0.137	2.176
R-195	48.4	0.70	0.10	2.249	0.99	0.114	1.474	0.989	0.129	1.825
R-198	243.2	0.67	0.10	1.589	0.99	0.1	1.472	0.99	0.107	1.549
R-201	194.9	0.69	0.05	1.435	0.99	0.08	1.221	0.989	0.066	1.543
R-204	813.3	0.51	0.18	1.021	0.98	0.064	1.166	0.992	0.072	1.301
R-207	92.3	0.34	0.32	2.208	0.94	0.043	2.249	0.99	0.049	2.298
R-210	130.8	0.42	0.59	3.44	0.97	0.126	2.968	0.992	0.141	3.187

OFFSHORE PROFILE POWER CURVE FITS

LEE 1974 CONTROL LINE

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-213	171.0	0.30	1.91	4.719	0.95	0.156	7.099	0.992	0.228	8.809
R-216	159.4	0.32	0.99	1.452	0.95	0.092	2.775	0.991	0.151	5.005
R-219	118.5	0.33	1.13	0.966	0.96	0.114	2.599	0.991	0.162	4.269
R-222	146.5	0.37	0.69	5.406	0.95	0.081	6.375	0.99	0.14	7.558
R-225	202.0	0.61	0.12	0.779	0.98	0.095	0.728	0.992	0.095	0.728
R-228	78.0	0.48	0.38	0.659	0.97	0.107	1.275	0.99	0.14	2.662
R-231	346.7	0.70	0.10	1.76	0.99	0.119	1.398	0.99	0.126	1.486
R-234	272.3	0.64	0.16	1.32	0.99	0.132	1.364	0.992	0.139	1.464
R-237	119.0	0.59	0.19	1.05	0.98	0.12	1.23	0.989	0.132	1.515

OFFSHORE PROFILE POWER CURVE FITS

COLLIER, 1973

Offshore Survey Dates (day,mo,yr): 170373 to 280373.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	196.3	0.62	0.178	0.834	0.987	0.127	0.929	0.99	0.137	1.183
R-3	177.0	0.525	0.335	1.03	0.982	0.132	1.201	0.991	0.146	1.585
R-6	248.3	0.665	0.137	1.518	0.988	0.126	1.289	0.988	0.136	1.528
R-9	182.7	0.528	0.316	0.67	0.981	0.121	1.038	0.991	0.136	1.629
R-12	119.9	0.56	0.236	1.055	0.983	0.122	0.84	0.991	0.128	0.936
R-15	279.7	0.59	0.194	0.741	0.988	0.117	0.676	0.993	0.122	0.787
R-18	191.9	0.557	0.26	0.638	0.982	0.12	0.99	0.99	0.137	1.647
R-21	144.9	0.558	0.279	1.718	0.981	0.129	2.036	0.99	0.147	2.5
R-24*	258.0	0.481	0.447	1.135	0.984	0.13	1.549	0.993	0.146	1.993
R-27	365.2	0.525	0.345	0.78	0.984	0.132	1.118	0.992	0.146	1.565
R-30	168.9	0.543	0.315	1.35	0.985	0.133	1.676	0.992	0.146	2.011
R-33	216.0	0.595	0.229	1.037	0.987	0.147	0.941	0.991	0.152	1.001
R-36	144.6	0.62	0.21	1.34	0.987	0.152	1.434	0.99	0.161	1.593
R-39	182.8	0.605	0.224	0.816	0.987	0.147	0.883	0.991	0.154	1.066
R-42*	193.6	0.598	0.233	0.671	0.985	0.149	0.678	0.99	0.156	0.862
R-45	176.4	0.74	0.085	1.489	0.996	0.148	1.323	0.993	0.132	1.868
R-48	177.5	0.529	0.387	1.192	0.983	0.15	1.71	0.992	0.173	2.394
R-51	121.8	0.547	0.312	1.374	0.985	0.133	1.843	0.992	0.153	2.406
R-54*	143.8	0.632	0.159	0.732	0.988	0.126	0.82	0.99	0.131	0.904
R-57*	221.9	0.738	0.084	1.137	0.995	0.136	1.027	0.993	0.13	1.133
R-60	144.0	0.522	0.321	0.752	0.976	0.116	1.299	0.99	0.139	2.21
R-63*	119.8	0.575	0.236	0.875	0.985	0.128	1.025	0.991	0.136	1.202
R-66	150	1.241	0.004	9.08	0.996	0.14	1.555	0.988	0.074	5.038
R-69*	163.0	0.613	0.192	1.232	0.983	0.14	1.135	0.988	0.143	1.162
R-72	162.0	0.535	0.306	1.528	0.982	0.14	0.958	0.991	0.146	1.024
R-75*	166.1	0.55	0.274	1.503	0.986	0.132	1.125	0.993	0.136	1.162
R-78	165.5	0.596	0.22	1.443	0.988	0.144	1.333	0.992	0.144	1.335
R-81	635	0.77	0.066	1.506	0.996	0.139	1.551	0.991	0.124	1.959
R-84	295.8	0.703	0.107	1.286	0.993	0.128	0.913	0.99	0.133	0.975
R-90	446.2	0.687	0.1	2.547	0.99	0.105	2.378	0.989	0.113	2.446
R-93	219.7	0.49	0.387	1.041	0.977	0.119	1.407	0.991	0.139	2.025
R-96	99.5	0.682	0.138	2.364	0.99	0.135	1.861	0.989	0.15	2.182
R-102	99.8	0.763	0.083	2.866	0.995	0.137	1.694	0.99	0.142	1.733
R-105	198.9	0.683	0.143	2.462	0.99	0.141	1.932	0.989	0.157	2.26
R-108	149.2	0.697	0.133	2.667	0.992	0.142	1.898	0.99	0.159	2.255

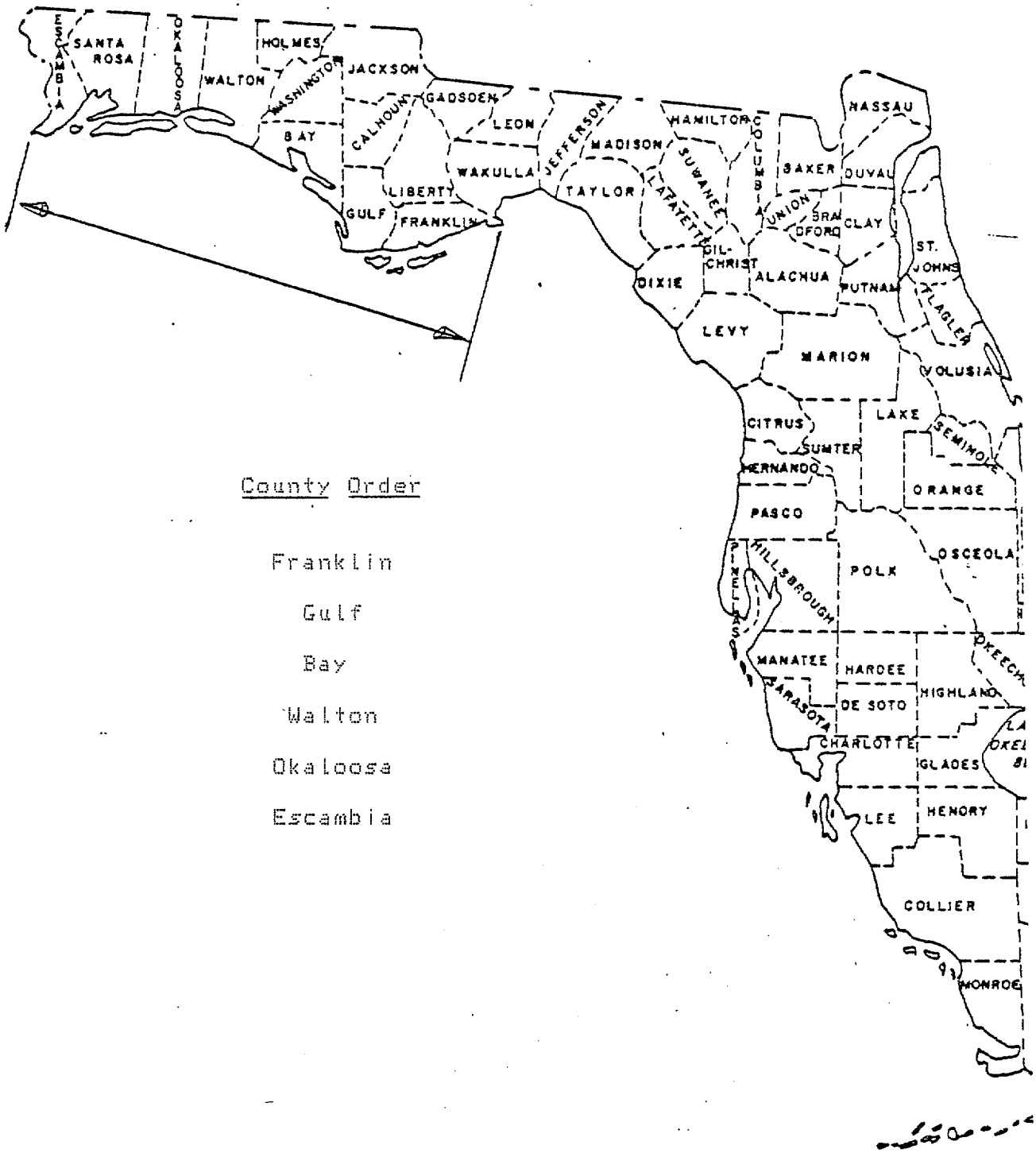
OFFSHORE PROFILE POWER CURVE FITS

COLLIER, 1973

Offshore Survey Dates (day,mo,yr): 170373 to 280373.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-111	166.3	0.52	0.383	0.962	0.984	0.143	1.357	0.993	0.161	1.907
R-114	242.5	0.597	0.241	1.413	0.984	0.146	1.59	0.989	0.165	2.074
R-117	223.4	0.572	0.286	1.46	0.982	0.142	1.704	0.99	0.174	2.775
R-120	231.6	0.594	0.203	1.315	0.987	0.118	1.504	0.992	0.133	1.886
R-123	241.8	0.495	0.341	1.53	0.974	0.098	2.031	0.99	0.125	2.901
R-126	356.1	0.447	0.394	0.917	0.97	0.089	1.232	0.99	0.108	1.917
R-135	132.6	0.489	0.253	1.217	0.978	0.07	1.645	0.991	0.087	2.142
R-139	279.5	0.551	0.224	1.365	0.982	0.097	1.667	0.991	0.113	2.081
R-141	181.9	0.719	0.067	1.408	0.993	0.096	1.341	0.99	0.091	1.38
R-144	187.4	0.547	0.228	1.057	0.979	0.107	1.113	0.99	0.119	1.374
R-147*	90.6	0.526	0.243	1.019	0.979	0.091	1.356	0.991	0.107	1.839

AREA IV. PANHANDLE COAST



County Order

Franklin

Gulf

Bay

Walton

Okaloosa

Escambia

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN COUNTY

Offshore Survey Dates (day,mo,yr): 110773 to 140673.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	275.4	0.11	1.842	1.09	0.918	0.044	1.959	0.991	0.067	2.63
R-4	539.5	0.471	0.312	0.54	0.971	0.083	0.906	0.99	0.1	1.53
R-7	500	1.224	0.003	7.04	0.997	0.098	1.411	0.988	0.057	3.25
R-10	336.4	0.436	0.493	1.39	0.968	0.102	2.007	0.991	0.128	2.73
R-13	488.8	0.505	0.314	1.01	0.976	0.103	1.402	0.99	0.121	1.98
R-16	312.1	0.644	0.154	12.45	0.986	0.195	6.799	0.988	0.134	11.37
R-19	162.6	0.643	0.132	0.86	0.989	0.114	0.891	0.99	0.116	0.90
R-22	485.2	0.439	0.551	1.55	0.966	0.11	2.417	0.989	0.153	3.95
R-25	273.2	0.557	0.257	1.26	0.985	0.126	1.467	0.992	0.139	1.75
R-28	192.1	0.645	0.144	1.53	0.989	0.123	1.598	0.991	0.127	1.62
R-31	238.7	0.63	0.169	1.67	0.988	0.13	1.788	0.99	0.136	1.85
R-34	239.8	0.687	0.129	1.70	0.992	0.148	1.653	0.991	0.144	1.67
R-37	336.0	0.635	0.198	1.97	0.989	0.16	2.064	0.991	0.164	2.08
R-40	191.5	0.658	0.176	1.66	0.99	0.171	1.624	0.991	0.167	1.65
R-43	278.8	0.819	0.061	2.71	0.997	0.184	2.215	0.989	0.142	3.79
R-46	233.6	0.932	0.029	2.84	0.999	0.179	1.938	0.991	0.142	3.42
R-49	190.0	0.68	0.163	2.03	0.992	0.172	1.898	0.991	0.177	1.93
R-51	433.1	0.371	0.803	1.42	0.965	0.103	2.552	0.992	0.137	3.71
R-52	297.0	0.587	0.258	2.72	0.981	0.158	2.854	0.989	0.168	2.94
R-54	196.7	0.632	0.214	2.03	0.987	0.18	1.928	0.989	0.177	1.93
R-57	193.1	0.692	0.146	1.51	0.992	0.174	1.448	0.991	0.169	1.48
R-60	163.1	0.675	0.171	2.04	0.992	0.194	1.861	0.992	0.18	2.09
R-63	180.3	0.73	0.126	2.15	0.995	0.2	2.019	0.992	0.184	2.34
R-66	167.4	0.715	0.134	1.63	0.995	0.197	1.53	0.993	0.18	2.06
R-69	178.7	0.776	0.087	2.43	0.996	0.205	2.384	0.992	0.167	3.63
R-72	180.3	0.663	0.175	3.28	0.991	0.201	2.446	0.991	0.172	3.25
R-75	319.4	0.69	0.156	2.60	0.992	0.204	2.202	0.991	0.179	2.85
R-78	311.6	0.663	0.194	3.07	0.991	0.218	2.347	0.991	0.19	3.03
R-81	310.4	0.677	0.175	2.92	0.992	0.212	2.392	0.991	0.187	3.05
R-84	242.9	0.718	0.142	2.07	0.993	0.208	2.019	0.991	0.193	2.34
R-87	308.6	0.76	0.097	1.79	0.996	0.192	1.916	0.992	0.168	2.55
R-90	290.2	0.728	0.122	1.60	0.994	0.187	1.576	0.991	0.174	1.81
R-93	339.5	0.73	0.11	2.31	0.994	0.159	1.887	0.991	0.159	1.88
R-96	211.0	0.4	0.744	2.75	0.974	0.122	3.635	0.993	0.149	4.18
R-99	217.9	0.619	0.236	1.88	0.99	0.182	1.785	0.992	0.181	1.78

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN COUNTY

Offshore Survey Dates (day,mo,yr): 110773 to 140673.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-102	197.6	0.818	0.064	2.43	0.997	0.187	2.271	0.99	0.154	3.31
R-105	210.0	0.695	0.124	1.88	0.994	0.151	1.809	0.993	0.148	1.82
R-108	191.0	0.761	0.076	2.72	0.995	0.154	2.515	0.991	0.131	2.97
R-111	247.6	0.762	0.086	2.55	0.995	0.162	2.272	0.99	0.148	2.48
R-114	207.6	0.718	0.109	2.66	0.995	0.153	2.498	0.993	0.148	2.53
R-117	225.5	0.819	0.065	2.06	0.998	0.185	1.864	0.992	0.161	2.52
R-120	224.5	0.784	0.076	2.49	0.997	0.187	2.349	0.992	0.153	3.43
R-123	153.9	0.605	0.282	1.62	0.99	0.185	1.808	0.993	0.193	1.93
R-126	230.8	0.81	0.07	2.25	0.997	0.187	1.992	0.992	0.161	2.67
R-129	182.7	0.615	0.226	2.56	0.985	0.183	1.835	0.989	0.17	2.04
R-132	153.0	0.653	0.166	2.58	0.99	0.171	2.078	0.991	0.153	2.47
R-135	150.5	0.535	0.407	1.26	0.979	0.162	1.79	0.99	0.187	2.73
R-138	143.4	0.631	0.172	1.81	0.988	0.147	1.587	0.991	0.14	1.65
R-141	194.6	0.655	0.148	1.81	0.99	0.143	1.772	0.991	0.138	1.80
R-144	207.6	0.523	0.298	1.45	0.976	0.119	1.54	0.989	0.131	1.77
R-147	510.6	0.61	0.172	3.24	0.985	0.119	3.395	0.99	0.125	3.42

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN, 1976 R-194 - R-239

Offshore Survey Dates (day,mo,yr): 010476.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-195	109.7	0.346	0.32	0.893	0.942	0.039	1.049	0.989	0.046	1.191
R-198	190.7	0.431	0.399	0.481	0.967	0.081	1.082	0.991	0.103	1.959
R-201	184	0.49	0.267	1.169	0.971	0.082	1.391	0.989	0.101	1.9
R-204	406.6	0.38	0.432	0.517	0.959	0.063	0.975	0.99	0.082	1.65
R-207	210.3	0.212	1.273	1.208	0.944	0.059	2.061	0.991	0.087	2.995
R-210	237.1	0.39	0.466	1.177	0.96	0.068	1.873	0.99	0.094	2.648
R-213	148.8	0.54	0.24	1.901	0.979	0.084	1.884	0.99	0.122	3.315
R-216	244.1	0.413	0.505	0.863	0.964	0.084	1.64	0.99	0.122	3.244
R-219	331.7	0.864	0.014	0.237	0.998	0.054	0.423	0.991	0.043	0.866
R-222	135.5	0.366	0.199	0.359	0.944	0.028	0.385	0.988	0.035	0.686
R-225	64.4	0.5	0.09	0.335	0.981	0.03	0.273	0.992	0.032	0.334
R-228	146.3	0.353	0.236	0.366	0.947	0.029	0.42	0.99	0.036	0.717
R-231	372.1	0.363	0.292	0.661	0.955	0.04	0.49	0.99	0.05	0.914
R-234	308.4	0.416	0.155	0.798	0.965	0.032	0.59	0.991	0.035	0.632
R-238	314.8	0.327	0.065	0.205	0.923	0.006	0.262	0.989	0.009	0.319

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN, 1981 WITH NEW DOT DATA; R-1 THRU R-239T; COMPLETE.

Offshore Survey Dates (day,mo,yr): 290781.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	584.	0.201	1.311	2.051	0.906	0.057	2.774	0.988	0.072	3.012
R-1B	472.	0.359	0.611	1.607	0.955	0.087	1.527	0.99	0.095	1.618
R-2	573.	0.206	1.389	0.835	0.933	0.064	2.068	0.991	0.09	2.731
R-3	516.	0.455	0.26	0.756	0.961	0.067	0.751	0.987	0.073	0.886
R-6	515.	0.451	0.425	1.002	0.964	0.101	1.584	0.988	0.122	2.122
R-9	427.	0.463	0.408	0.987	0.965	0.106	1.525	0.988	0.127	2.06
R-12	572.	0.403	0.641	1.044	0.966	0.113	1.762	0.99	0.135	2.296
R-15	568.	0.517	0.315	0.895	0.97	0.114	1.327	0.987	0.133	1.81
R-18	173.	0.469	0.416	0.716	0.968	0.116	1.148	0.989	0.134	1.637
R-20T	186	0.39	0.703	1.199	0.956	0.11	2.251	0.989	0.136	2.885
R-21T	407.	0.303	1.05	1.03	0.948	0.097	2.047	0.99	0.128	2.864
R-21T-B	285.	0.442	0.367	0.975	0.96	0.087	0.725	0.987	0.092	0.819
R-21T-C	236.	0.387	0.53	0.736	0.95	0.086	0.977	0.988	0.097	1.27
R-22	404.	0.433	0.696	1.271	0.966	0.143	2.513	0.989	0.177	3.366
R-24	241.	0.548	0.322	1.765	0.978	0.14	2.283	0.989	0.161	2.715
R-27	212.	0.521	0.387	1.422	0.975	0.142	2.095	0.989	0.165	2.586
R-30	265.	0.522	0.372	1.31	0.967	0.142	1.854	0.986	0.163	2.334
R-33T-A	338.	0.578	0.285	1.765	0.981	0.155	2.14	0.989	0.17	2.377
R-36	311.	0.63	0.225	1.644	0.984	0.173	1.779	0.988	0.182	1.859
R-39	198.	0.669	0.179	1.455	0.986	0.18	1.437	0.985	0.182	1.443
R-42	206.	0.627	0.238	1.959	0.986	0.183	2.095	0.989	0.189	2.126
R-45	110.	0.61	0.272	1.721	0.985	0.186	1.938	0.989	0.195	2.033
R-48	213.	0.606	0.276	1.945	0.984	0.183	2.211	0.989	0.195	2.37
R-51	429.	0.366	1.035	2.017	0.955	0.134	3.586	0.99	0.171	4.424
R-52T	291.	0.535	0.36	2.754	0.968	0.152	3.111	0.985	0.167	3.281
R-54	157.	0.606	0.275	1.173	0.978	0.184	1.38	0.985	0.194	1.541
R-57	144.	0.586	0.301	1.325	0.974	0.18	1.483	0.984	0.19	1.625
R-60	127	0.757	0.107	1.815	0.993	0.194	1.581	0.987	0.182	1.789
R-63	128.	0.615	0.265	1.814	0.978	0.196	1.755	0.984	0.198	1.758
R-66T	178.	0.635	0.244	0.974	0.983	0.203	0.922	0.986	0.203	0.923
R-69T	205.	0.697	0.158	1.257	0.987	0.202	1.217	0.984	0.188	1.528
R-72T	186.	0.617	0.275	1.839	0.977	0.206	1.722	0.983	0.207	1.723
R-75	345.	0.63	0.246	1.682	0.982	0.204	1.53	0.986	0.2	1.551
R-78T	402.	0.693	0.173	1.987	0.987	0.217	1.881	0.985	0.202	2.135
R-81	362.	0.713	0.159	1.724	0.99	0.226	1.657	0.986	0.208	2.018

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN, 1981 WITH NEW DOT DATA; R-1 THRU R-239T; COMPLETE.

Offshore Survey Dates (day,mo,yr): 290781.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-84	210.	0.69	0.163	2.141	0.988	0.202	2.036	0.986	0.188	2.261
R-87	347.	0.668	0.171	1.937	0.987	0.189	1.671	0.987	0.173	1.956
R-90	309.	0.671	0.166	1.878	0.986	0.18	1.786	0.985	0.171	1.896
R-93	338.	0.589	0.248	1.65	0.976	0.15	1.8	0.985	0.16	1.935
R-96T	240.	0.679	0.131	3.231	0.986	0.127	3.01	0.985	0.14	3.136
R-99T	458.	0.811	0.069	2.369	0.997	0.174	1.721	0.992	0.165	1.839
R-102T	185.	0.731	0.105	1.659	0.991	0.16	1.555	0.986	0.151	1.672
R-105	190.	0.647	0.158	1.479	0.987	0.136	1.514	0.989	0.141	1.555
R-108T	196.	0.664	0.146	2.013	0.988	0.138	1.978	0.988	0.145	2.022
R-111	206.	0.603	0.226	1.819	0.983	0.146	2.018	0.988	0.158	2.154
R-114	184.	0.737	0.095	2.123	0.994	0.141	1.748	0.99	0.143	1.75
R-117T	386.	0.611	0.242	1.135	0.985	0.169	1.246	0.989	0.175	1.309
R-120T	246.	0.689	0.148	1.469	0.989	0.176	1.456	0.987	0.169	1.526
R-123T	310.	0.568	0.299	1.764	0.982	0.165	1.666	0.99	0.17	1.697
R-126T	216.	0.572	0.267	1.804	0.973	0.154	1.515	0.985	0.16	1.566
R-129	195.	0.619	0.22	1.459	0.981	0.169	1.345	0.986	0.171	1.351
R-132	168.	0.58	0.269	1.62	0.979	0.159	1.583	0.988	0.164	1.628
R-135T	160.	0.513	0.409	1.377	0.967	0.153	1.533	0.986	0.174	2.047
R-138T	296.	0.583	0.244	1.184	0.98	0.142	1.371	0.988	0.151	1.522
R-141T	382.	0.522	0.349	1.286	0.98	0.137	1.607	0.991	0.153	1.909
R-144	231.	0.538	0.293	1.204	0.979	0.123	1.629	0.99	0.135	1.824
R-147	490.	0.377	0.901	2.901	0.952	0.125	4.23	0.989	0.166	5.054
R-148	707.	0.331	1.134	1.917	0.963	0.126	2.706	0.992	0.155	3.369
R-149	589.	0.588	0.36	2.81	0.978	0.213	3.13	0.987	0.23	3.342
R-150	345.	0.667	0.26	5.708	0.989	0.229	5.21	0.989	0.262	5.689
R-151	129.	0.775	0.106	6.355	0.994	0.214	5.733	0.986	0.199	5.819
R-153	258.	0.913	0.034	4.34	0.999	0.205	3.666	0.988	0.136	5.785
R-154	227.	0.712	0.109	1.917	0.991	0.144	1.696	0.987	0.141	1.703
R-155	212.	0.46	0.517	1.502	0.965	0.126	2.41	0.988	0.157	3.145
R-156	194.	0.482	0.402	1.584	0.969	0.11	2.282	0.989	0.139	2.975
R-157	240.	0.557	0.249	1.99	0.978	0.109	2.308	0.988	0.131	2.735
R-158	125.	0.442	0.453	1.629	0.97	0.096	2.422	0.99	0.12	2.927
R-159	115.	0.713	0.064	1.23	0.99	0.093	1.123	0.986	0.084	1.273
R-160	179.	0.599	0.195	1.535	0.979	0.123	1.749	0.986	0.131	1.839
R-161	90.	0.657	0.14	1.532	0.986	0.131	1.556	0.987	0.133	1.562

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN, 1981 WITH NEW DOT DATA; R-1 THRU R-239T; COMPLETE.

Offshore Survey Dates (day,mo,yr): 290781.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-162	85.	0.745	0.086	2.012	0.992	0.143	1.731	0.986	0.136	1.788
R-163	64.	0.528	0.294	1.196	0.968	0.122	1.432	0.985	0.133	1.608
R-164	108.	0.686	0.119	1.963	0.989	0.128	1.813	0.987	0.134	1.848
R-165	89.	0.623	0.21	2.595	0.985	0.141	2.609	0.989	0.162	2.975
R-166	77.	0.695	0.12	2.006	0.989	0.142	1.892	0.986	0.142	1.892
R-167	80.	0.707	0.1	2.147	0.989	0.129	2.015	0.986	0.127	2.023
R-168T	95.	0.856	0.045	3.075	0.997	0.142	2.023	0.986	0.133	2.1
R-169	117.	0.705	0.111	1.822	0.99	0.142	1.698	0.987	0.139	1.708
R-170	158.	1.015	0.017	3.517	1	0.156	1.873	0.987	0.125	2.696
R-171	147.	0.864	0.042	2.191	0.998	0.164	1.608	0.987	0.13	2.788
R-172	114.	0.668	0.144	1.708	0.988	0.154	1.605	0.988	0.145	1.711
R-173	122.	0.67	0.164	1.763	0.986	0.167	1.75	0.986	0.168	1.75
R-174	194.	0.687	0.153	1.954	0.99	0.175	1.882	0.988	0.173	1.888
R-175T	171.	0.642	0.205	2.167	0.985	0.171	2.263	0.987	0.178	2.309
R-176T	148.	0.643	0.202	2.1	0.983	0.167	2.172	0.985	0.176	2.25
R-177	140.	0.696	0.14	2.511	0.99	0.163	2.323	0.988	0.166	2.332
R-178	141.	0.667	0.153	2.342	0.989	0.149	2.325	0.989	0.153	2.34
R-179	140.	0.657	0.161	2.186	0.988	0.15	2.217	0.989	0.153	2.224
R-180	112.	0.604	0.21	1.986	0.982	0.137	2.195	0.988	0.146	2.275
R-181	112.	0.524	0.34	1.804	0.973	0.129	2.331	0.988	0.149	2.67
R-182	112.	0.416	0.721	1.708	0.954	0.133	2.821	0.988	0.16	3.409
R-183	173.	0.605	0.207	2.358	0.981	0.124	2.478	0.987	0.146	2.851
R-184	233.	0.627	0.138	0.903	0.982	0.101	0.979	0.986	0.11	1.142
R-184-B	434	0.713	0.025	0.044	0.999	0.035	0.051	0.999	0.035	0.051
R-185	135	1.213	0.004	5.252	0.996	0.099	1.29	0.985	0.072	2.19
R-186T	98.	0.644	0.163	1.125	0.985	0.138	1.193	0.987	0.143	1.243
R-187	229.	1.042	0.019	5.206	0.999	0.211	2.967	0.99	0.183	3.505
R-188	256.	1.03	0.022	5.35	0.999	0.254	4.06	0.989	0.197	5.647
R-189	369.	0.781	0.122	4.973	0.994	0.256	4.303	0.987	0.241	4.43
R-190	375.	0.761	0.11	4.285	0.993	0.214	3.951	0.987	0.192	4.202
R-191	307.	0.581	0.217	3.286	0.979	0.148	2.739	0.988	0.131	3.002
R-192	243.	0.828	0.04	3.574	0.997	0.139	3.219	0.988	0.109	3.895
R-193	353.	0.54	0.476	4.3	0.98	0.188	4.993	0.99	0.234	5.72
R-194	143.	0.535	0.122	0.992	0.972	0.048	1.166	0.987	0.059	1.425
R-195T	106.	0.429	0.184	0.798	0.957	0.036	1.031	0.988	0.045	1.224

OFFSHORE PROFILE POWER CURVE FITS

FRANKLIN, 1981 WITH NEW DOT DATA; R-1 THRU R-239T; COMPLETE.

Offshore Survey Dates (day,mo,yr): 290781.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-198	221.	0.466	0.261	0.783	0.971	0.07	1.021	0.99	0.081	1.228
R-201	195.	0.557	0.175	1.276	0.975	0.077	1.424	0.987	0.095	1.834
R-204	399.	0.541	0.14	0.962	0.968	0.058	1.074	0.985	0.068	1.306
R-207	212.	0.133	1.944	0.874	0.945	0.053	1.959	0.993	0.077	2.691
R-210	250.	0.31	0.716	0.887	0.965	0.066	1.617	0.993	0.084	2.077
R-213	102.	0.183	1.951	0.622	0.945	0.079	2.018	0.992	0.107	2.874
R-216	232.	0.281	1.047	0.396	0.944	0.079	1.661	0.99	0.11	2.739
R-219	406.	0.573	0.094	0.422	0.985	0.053	0.263	0.991	0.053	0.266
R-222T	101.	0.207	0.618	0.372	0.906	0.03	0.604	0.988	0.039	0.915
R-225	43.	0.351	0.182	0.583	0.933	0.025	0.346	0.987	0.028	0.423
R-228	134.	0.281	0.357	0.551	0.942	0.03	0.485	0.99	0.035	0.593
R-231	367.	0.512	0.102	0.319	0.966	0.037	0.261	0.987	0.041	0.393
R-234	364.	0.44	0.142	0.678	0.96	0.034	0.469	0.988	0.036	0.491
R-237	546.	0.564	0.034	0.309	0.981	0.018	0.275	0.99	0.018	0.275

OFFSHORE PROFILE POWER CURVE FITS

GULF COUNTY,1973

Offshore Survey Dates (day,mo,yr): 140873 to 220873.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	113.9	0.567	0.302	2.243	0.982	0.169	1.953	0.99	0.172	1.967
R-3	211.9	0.526	0.351	2.772	0.977	0.154	2.208	0.99	0.158	2.227
R-6	227.3	0.646	0.149	2.669	0.987	0.147	2.328	0.988	0.133	2.539
R-9	152.6	0.616	0.182	2.933	0.985	0.151	2.399	0.989	0.137	2.603
R-12	158.7	0.747	0.091	2.201	0.995	0.175	2.019	0.99	0.145	2.981
R-15	256.1	0.647	0.18	2.932	0.989	0.183	2.325	0.99	0.162	2.758
R-18	408.9	0.848	0.054	3.165	0.998	0.198	3.107	0.993	0.158	4.127
R-21	305.2	0.721	0.129	3.174	0.992	0.204	2.931	0.989	0.176	3.523
R-24	231.1	0.827	0.057	3.702	0.997	0.195	3.238	0.988	0.14	5.036
R-27	232.8	0.756	0.102	3.296	0.994	0.199	3.06	0.988	0.169	3.739
R-30	146.8	0.772	0.058	5.994	0.994	0.179	4.509	0.987	0.107	6.721
R-33	732.5	0.482	0.343	2.691	0.971	0.111	2.627	0.989	0.117	2.673
R-36	391.7	0.423	0.334	1.701	0.964	0.075	1.275	0.99	0.079	1.326
R-39	406.0	0.666	0.134	2.869	0.99	0.156	2.31	0.99	0.134	2.867
R-42	252.7	0.645	0.169	1.95	0.991	0.154	1.821	0.992	0.149	1.858
R-45	211.9	0.518	0.34	2.833	0.977	0.148	2.039	0.99	0.148	2.039
R-48	507.9	0.549	0.302	1.963	0.984	0.151	1.315	0.992	0.155	1.35
R-51	138.9	0.536	0.306	3.073	0.979	0.15	2.273	0.99	0.144	2.316
R-54	138.2	0.565	0.265	2.691	0.983	0.151	2.193	0.991	0.148	2.204
R-57	155.3	0.665	0.147	2.397	0.99	0.161	2.117	0.99	0.146	2.391
R-60	291.8	0.651	0.157	2.425	0.988	0.157	2.103	0.989	0.143	2.329
R-63	143.3	0.557	0.289	2.373	0.979	0.154	1.942	0.989	0.159	1.973
R-66	313.0	0.593	0.231	2.812	0.983	0.157	2.285	0.989	0.15	2.346
R-69	111.4	0.566	0.265	3.129	0.982	0.156	2.402	0.99	0.149	2.457
R-72	132.3	0.652	0.163	2.643	0.989	0.163	2.376	0.99	0.15	2.559
R-75	162.7	0.655	0.136	3.255	0.989	0.151	2.721	0.989	0.127	3.17
R-78	125.0	0.547	0.309	2.865	0.974	0.157	2.346	0.987	0.159	2.348
R-81	141.9	0.65	0.148	3.031	0.988	0.152	2.686	0.989	0.135	2.942
R-84	114.9	0.611	0.193	3.662	0.984	0.159	3.036	0.989	0.14	3.298
R-87	163.9	0.575	0.251	3.668	0.983	0.159	2.886	0.99	0.146	3.032
R-90	198.9	0.79	0.071	2.585	0.996	0.159	2.616	0.989	0.143	2.845
R-93	176.0	0.641	0.169	2.529	0.989	0.152	2.397	0.991	0.146	2.447
R-96	73.7	1.34	0.001	2.827	0.995	0.142	2.82	0.994	0.085	5.261
R-99	122.7	0.688	0.123	1.977	0.993	0.142	1.955	0.993	0.14	1.963
R-102	159.4	0.905	0.028	1.344	0.999	0.154	1.769	0.99	0.115	3.42

OFFSHORE PROFILE POWER CURVE FITS

GULF COUNTY, 1973

Offshore Survey Dates (day,mo,yr): 140873 to 220873.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-105	52.5	0.6	0.223	2.854	0.989	0.15	2.807	0.992	0.149	2.808
R-108	267.9	0.821	0.052	3.106	0.997	0.143	2.753	0.992	0.135	2.828
R-111	208.3	0.737	0.088	3.671	0.995	0.143	3.53	0.993	0.135	3.576
R-114	116.8	0.527	0.275	2.617	0.986	0.115	2.556	0.993	0.119	2.571
R-117	520.6	0.51	0.438	3.304	0.974	0.126	3.619	0.989	0.181	5.6
R-120	277.6	0.523	0.169	0.464	0.982	0.067	0.557	0.992	0.073	0.737
R-123	520.3	0.416	0.442	0.511	0.96	0.082	0.865	0.989	0.104	2.011
R-126	205.0	0.61	0.124	0.772	0.988	0.088	0.822	0.991	0.091	0.843
R-129	182.6	0.659	0.099	0.833	0.991	0.094	0.848	0.991	0.095	0.85
R-132	194.7	0.681	0.087	0.918	0.991	0.094	0.867	0.99	0.095	0.868
R-135	352.8	0.679	0.084	0.865	0.991	0.093	0.828	0.99	0.091	0.844
R-138	267.8	0.598	0.151	0.581	0.985	0.092	0.759	0.99	0.103	1.087
R-141	385.8	0.728	0.068	1.417	0.994	0.095	0.96	0.991	0.099	1.006
R-144	448.1	0.637	0.122	0.874	0.987	0.096	0.908	0.989	0.103	1.036
R-147	370.8	0.532	0.231	0.609	0.98	0.094	0.878	0.991	0.107	1.282
R-153	228.1	0.318	0.61	1.178	0.947	0.059	1.461	0.99	0.079	2.076
R-156	680.7	0.403	0.674	0.47	0.957	0.112	1.499	0.988	0.14	2.67
R-159	137.5	0.107	2.971	5.69	0.907	0.085	6.727	0.991	0.107	6.937

OFFSHORE PROFILE POWER CURVE FITS

BAY 73 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 160271 to 170271.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-0+A	184.2	0.587	0.202	2.005	0.992	0.133	1.348	0.995	0.131	1.355
R-3	162.6	0.7	0.11	3.133	0.993	0.155	2.971	0.991	0.135	3.312
R-9*	192.5	0.727	0.092	3.576	0.994	0.161	3.359	0.99	0.13	3.988
R-12	162.5	0.876	0.034	3.012	0.999	0.157	3.292	0.992	0.119	4.236
R-15	178.3	0.663	0.139	4.21	0.99	0.164	3.645	0.991	0.136	4.188
R-18	278.1	0.806	0.065	2.991	0.997	0.181	3.2	0.99	0.15	3.944
R-21	207.9	0.821	0.053	2.922	0.997	0.164	3.114	0.991	0.137	3.728
R-24	214.5	0.761	0.075	3.033	0.995	0.16	3.006	0.991	0.134	3.57
R-27	199.4	0.776	0.071	2.885	0.995	0.16	3.056	0.988	0.134	3.618
R-30	377.1	0.75	0.083	2.99	0.995	0.161	2.98	0.991	0.137	3.466
R-33*	161.1	0.689	0.118	3.449	0.993	0.153	3.272	0.992	0.135	3.555
R-36	261.0	0.652	0.145	3.78	0.991	0.152	3.42	0.992	0.133	3.712
R-39	218.5	0.692	0.122	3.039	0.993	0.161	2.843	0.992	0.142	3.182
R-42	181.4	0.816	0.051	2.847	0.997	0.155	2.869	0.99	0.125	3.606
R-45*	209.3	0.649	0.154	3.136	0.991	0.153	2.849	0.992	0.139	3.046
R-48	428.4	0.631	0.185	2.926	0.988	0.156	2.807	0.99	0.149	2.843
R-51	242.5	0.677	0.133	2.888	0.989	0.154	2.788	0.988	0.142	2.922
R-54	267.2	0.686	0.129	2.953	0.992	0.156	2.885	0.991	0.146	2.99
R-57	612.1	0.722	0.1	2.692	0.994	0.156	2.681	0.992	0.141	2.92
R-60*	209.2	0.6	0.169	2.251	0.987	0.12	2.004	0.991	0.113	2.067
R-63*	297.0	0.735	0.096	2.738	0.993	0.157	2.786	0.989	0.143	2.972
R-66	376.7	0.637	0.172	2.397	0.988	0.15	2.308	0.99	0.144	2.336
R-69	342.9	0.642	0.177	2.829	0.989	0.166	2.555	0.991	0.154	2.683
R-72*	232.5	0.705	0.121	2.15	0.992	0.16	2.19	0.99	0.152	2.268
R-75	240	0.826	0.056	1.786	0.997	0.173	2.38	0.99	0.144	3.186
R-78*	228.3	0.867	0.042	1.717	0.998	0.169	2.474	0.992	0.137	3.382
R-81	393.8	0.845	0.044	2.311	0.998	0.166	2.658	0.989	0.127	3.868
R-84	344.7	0.781	0.071	2.175	0.995	0.161	2.42	0.988	0.14	2.873
R-87	364.9	0.781	0.076	2.624	0.996	0.18	2.75	0.992	0.152	3.418
R-88*	334.9	0.701	0.13	2.462	0.993	0.176	2.401	0.991	0.159	2.7
R-89	252.6	0.706	0.121	2.359	0.994	0.17	2.295	0.992	0.154	2.568
R-90*	364.5	0.568	0.307	2.798	0.987	0.175	2.095	0.992	0.17	2.129
R-91	294.9	0.666	0.162	1.942	0.989	0.166	1.917	0.989	0.161	1.942
R-92*	217.6	0.767	0.081	1.765	0.996	0.167	2.031	0.993	0.148	2.508
R-93	238.4	0.481	0.294	2.432	0.972	0.096	2.143	0.99	0.098	2.151

OFFSHORE PROFILE POWER CURVE FITS

BAY 73 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 160271 to 170271.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-94	237.4	0.705	0.123	2.193	0.993	0.17	2.147	0.991	0.154	2.467
R-96	518.0	0.665	0.118	1.704	0.992	0.128	1.47	0.992	0.117	1.696
R-97	239.1	0.668	0.124	1.78	0.99	0.133	1.698	0.989	0.125	1.784
R-98	197.4	0.747	0.106	1.85	0.995	0.177	1.425	0.99	0.171	1.498
R-99	200.1	0.751	0.106	1.935	0.997	0.201	1.965	0.994	0.179	2.703
R-100	124.5	0.715	0.123	2.632	0.995	0.19	2.431	0.993	0.166	3.098
R-101	195.8	0.694	0.156	1.703	0.992	0.187	1.712	0.99	0.183	1.735
R-102	174.4	0.694	0.134	2.634	0.993	0.175	2.53	0.991	0.158	2.828
R-103	163.6	0.703	0.132	2.268	0.995	0.176	2.277	0.993	0.163	2.443
R-105	170.2	0.662	0.126	2.934	0.99	0.136	2.767	0.991	0.123	2.919
R-106	122.2	0.572	0.236	2.635	0.987	0.13	2.59	0.992	0.132	2.596
R-107	193.8	0.693	0.104	2.42	0.991	0.136	2.328	0.989	0.121	2.541

OFFSHORE PROFILE POWER CURVE FITS

BAY SEP-OCT 75 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 300975.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-3	233.8	0.977	0.02	1.044	1	0.163	1.779	0.99	0.118	3.414
R-6	254.1	0.895	0.034	1.676	0.999	0.164	2.367	0.992	0.132	3.227
R-10	314.2	0.842	0.052	1.773	0.998	0.172	2.212	0.991	0.148	2.766
R-12	192.2	0.82	0.055	2.254	0.997	0.164	2.543	0.989	0.136	3.276
R-15	247.4	0.956	0.02	1.452	0.999	0.162	2.214	0.989	0.103	4.685
R-18	276.4	0.827	0.05	1.796	0.997	0.158	2.272	0.991	0.13	3.06
R-21	233.8	0.707	0.109	2.387	0.99	0.158	2.26	0.987	0.137	2.738
R-24	268.3	0.759	0.084	1.721	0.995	0.157	1.78	0.991	0.145	1.971
R-27	211.4	0.757	0.08	2.217	0.995	0.153	2.254	0.991	0.138	2.52
R-30	303.6	0.795	0.072	1.65	0.997	0.182	2.198	0.992	0.158	2.912
R-33	237.9	0.909	0.029	1.402	0.999	0.16	2.075	0.989	0.111	3.841
R-36	385.1	0.886	0.039	1.766	0.999	0.172	2.181	0.991	0.142	3.12
R-39	240.0	0.78	0.069	2.075	0.995	0.155	2.178	0.989	0.133	2.694
R-42	215.8	0.79	0.053	3.641	0.997	0.149	3.377	0.992	0.111	4.385
R-46	231.2	0.885	0.033	2.004	0.999	0.152	2.275	0.991	0.118	3.284
R-48	509.1	0.931	0.025	1.763	0.999	0.154	2.219	0.992	0.12	3.276
R-51	277.2	0.781	0.066	2.137	0.996	0.15	2.25	0.99	0.13	2.723
R-54	276.5	0.985	0.015	1.851	1	0.133	1.907	0.991	0.101	2.9
R-57	707.1	0.959	0.029	1.493	0.999	0.211	1.635	0.993	0.171	3.385
R-59	149.3	0.943	0.021	1.89	0.999	0.148	2.175	0.988	0.104	3.73
R-62	274.8	0.855	0.042	1.864	0.998	0.16	2.177	0.992	0.13	3.086
R-66	422.9	0.802	0.058	1.926	0.997	0.148	1.977	0.992	0.129	2.394
R-69	367.3	0.766	0.076	1.776	0.996	0.152	1.88	0.991	0.137	2.146
R-73	225.6	0.928	0.026	1.437	0.999	0.157	1.869	0.992	0.124	3.064
R-77	182.6	0.986	0.018	1.713	1	0.159	2.057	0.991	0.119	3.662
R-81	276.2	0.926	0.026	1.247	0.999	0.16	1.912	0.993	0.117	3.572
R-84	366.9	0.867	0.041	1.802	0.998	0.16	1.837	0.992	0.137	2.506
R-87	363.9	0.826	0.053	1.686	0.997	0.165	1.995	0.989	0.131	3.144
R-89	220.8	0.802	0.057	2.142	0.996	0.163	1.94	0.988	0.119	3.426
R-93	280.7	0.515	0.339	2.6	0.976	0.142	1.898	0.99	0.144	1.908
R-129	243.4	0.627	0.2	2.007	0.986	0.157	1.997	0.989	0.16	2.007
R-132	176.5	0.693	0.122	2.291	0.991	0.158	2.112	0.989	0.141	2.427
R-135	147.2	0.686	0.14	1.965	0.99	0.161	1.932	0.988	0.156	1.963
R-144	163.6	0.642	0.176	1.531	0.986	0.151	1.528	0.988	0.154	1.55

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY OCT.,1973

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	189.5	0.586	0.24	3.811	0.978	0.17	2.976	0.987	0.154	3.167
R-3	150.4	0.64	0.171	3.805	0.988	0.174	3.102	0.99	0.148	3.575
R-6	93.3	0.766	0.073	3.571	0.994	0.176	3.227	0.988	0.124	4.837
R-9	146.9	0.63	0.181	3.887	0.985	0.169	3.234	0.988	0.147	3.604
R-12	147.1	0.738	0.088	3.207	0.993	0.166	3.023	0.988	0.13	3.87
R-15	145.3	0.626	0.191	3.823	0.985	0.175	3.014	0.989	0.152	3.45
R-18	126.1	0.707	0.094	4.726	0.992	0.181	2.982	0.989	0.116	5.248
R-21	190.3	0.672	0.132	3.322	0.988	0.172	2.523	0.988	0.136	3.394
R-24	185.9	0.702	0.13	3.096	0.991	0.186	2.882	0.988	0.159	3.49
R-27	251.8	0.759	0.085	3.71	0.996	0.184	3.669	0.991	0.149	4.504
R-30	223.4	0.641	0.15	4.89	0.986	0.181	3.101	0.988	0.131	4.582
R-33	138.1	0.593	0.225	3.96	0.981	0.169	2.883	0.988	0.149	3.224
R-36	233.9	0.568	0.258	3.576	0.975	0.164	2.782	0.986	0.15	2.912
R-39	151.4	0.721	0.102	3.403	0.993	0.173	3.135	0.989	0.139	3.989
R-42	196.4	0.704	0.127	3.76	0.992	0.191	3.391	0.989	0.159	4.165
R-45	187.5	0.689	0.128	3.877	0.989	0.177	3.358	0.987	0.145	4.129
R-48	169.3	0.755	0.072	3.522	0.994	0.166	3.009	0.988	0.114	4.519
R-51	196	1.016	0.016	2.05	1	0.169	2.993	0.987	0.119	4.635
R-54	173.8	0.681	0.142	3.219	0.992	0.178	2.898	0.991	0.155	3.351
R-57	196.8	0.656	0.156	2.879	0.988	0.162	2.635	0.988	0.148	2.807
R-60	165.3	0.683	0.134	2.774	0.993	0.163	2.669	0.992	0.148	2.873
R-63	218.3	0.697	0.135	2.733	0.993	0.179	2.664	0.992	0.161	2.964
R-66	178.7	0.569	0.265	3.985	0.983	0.16	3.279	0.99	0.149	3.385
R-69	153.1	0.677	0.126	3.275	0.989	0.159	2.896	0.989	0.134	3.364
R-72	492.6	0.676	0.14	3.793	0.99	0.177	3.219	0.989	0.148	3.889
R-75	172.6	0.727	0.11	2.851	0.995	0.181	2.838	0.992	0.157	3.358
R-78	159.2	0.712	0.101	2.886	0.993	0.165	2.452	0.99	0.13	3.357
R-81	179.5	0.691	0.131	3.182	0.992	0.174	2.932	0.991	0.151	3.404
R-84	201.9	0.787	0.071	2.768	0.997	0.174	3.001	0.992	0.15	3.549
R-87	241.9	0.767	0.074	3.465	0.995	0.167	3.506	0.988	0.134	4.248
R-90	176.7	0.609	0.207	4.326	0.982	0.168	3.598	0.987	0.148	3.898
R-93	162.2	0.71	0.109	3.491	0.991	0.169	3.22	0.988	0.139	3.849
R-96	208.1	0.812	0.064	3.05	0.998	0.194	3.367	0.993	0.155	4.482
R-99	282.2	0.764	0.088	2.596	0.996	0.184	2.772	0.991	0.156	3.411
R-102	244.6	0.749	0.088	2.371	0.994	0.168	2.417	0.989	0.14	3.13

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY OCT.,1973

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-105	182.7	0.844	0.049	1.548	0.998	0.17	2.164	0.99	0.14	3.057
R-108	148.6	0.793	0.067	2.592	0.996	0.171	2.904	0.99	0.136	3.878
R-111	213	0.963	0.019	2.419	0.999	0.16	2.807	0.988	0.101	5.137
R-114	138.2	0.622	0.177	3.557	0.983	0.156	2.933	0.987	0.138	3.206
R-117	181.5	0.993	0.015	2.094	1	0.165	2.871	0.99	0.096	5.72
R-120	168.2	0.584	0.231	3.376	0.983	0.159	2.721	0.99	0.145	2.861
R-123	134.7	0.684	0.113	3.474	0.99	0.154	2.936	0.988	0.125	3.617
R-126	111.2	0.633	0.147	4.029	0.987	0.152	3.247	0.989	0.123	3.796

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY OCT.,1975

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	223.9	0.56	0.254	2.982	0.979	0.15	2.048	0.989	0.14	2.163
R-3A	107.7	0.474	0.423	3.676	0.968	0.141	2.577	0.988	0.14	2.578
R-6A	268.8	1.018	0.016	0.372	1	0.181	2.195	0.992	0.127	4.627
R-9	156.3	0.665	0.133	3.212	0.989	0.163	2.342	0.989	0.133	3.202
R-12	188.2	0.605	0.201	3.379	0.984	0.167	2.133	0.989	0.144	2.658
R-15	181.0	0.637	0.167	2.813	0.987	0.162	2.055	0.99	0.142	2.495
R-18	152.6	0.703	0.115	2.527	0.992	0.172	2.06	0.989	0.143	2.946
R-21	260.1	0.678	0.141	3.34	0.991	0.182	2.552	0.99	0.151	3.495
R-24	201.0	0.619	0.206	2.649	0.987	0.17	2.007	0.99	0.157	2.216
R-27	177.8	0.871	0.033	2.678	0.998	0.163	2.271	0.989	0.1	4.834
R-30	263.6	1.241	0.004	3.326	0.996	0.177	2.465	0.991	0.123	4.739
R-33	190.8	0.696	0.109	3.728	0.991	0.175	2.404	0.989	0.127	4.134
R-36	243.4	0.662	0.162	2.687	0.989	0.175	2.289	0.989	0.158	2.642
R-39	233.6	0.857	0.039	2.805	0.998	0.179	2.352	0.989	0.109	5.27
R-42	142.7	0.816	0.05	2.875	0.997	0.17	2.555	0.99	0.115	4.595
R-44	162.3	0.662	0.161	2.784	0.988	0.175	2.345	0.989	0.156	2.741
R-48	186.6	0.796	0.054	3.541	0.996	0.177	2.262	0.989	0.103	5.41
R-51	256.8	0.721	0.121	2.038	0.994	0.18	2.166	0.991	0.168	2.359
R-54	174.3	0.685	0.121	3.774	0.991	0.173	2.873	0.99	0.135	3.987
R-57	230.1	0.573	0.268	3.535	0.98	0.173	2.369	0.989	0.159	2.567
R-60	193.2	0.614	0.193	3.489	0.986	0.162	2.631	0.99	0.142	3.021
R-63	247.1	0.651	0.175	2.521	0.988	0.177	2.029	0.989	0.16	2.356
R-66	248.4	0.623	0.198	2.806	0.984	0.169	2.185	0.988	0.156	2.374
R-68	191.2	0.653	0.152	2.482	0.986	0.161	1.864	0.987	0.141	2.347
R-73	325.5	1.064	0.012	1.389	0.999	0.192	2.068	0.992	0.114	6.091
R-75	211.8	0.7	0.109	3.269	0.992	0.17	2.374	0.99	0.133	3.696
R-78	159.8	0.671	0.137	2.789	0.989	0.161	2.358	0.988	0.141	2.829
R-81	295.9	0.887	0.039	1.228	0.999	0.181	2.168	0.99	0.137	3.908
R-84	265.4	0.908	0.03	1.796	0.999	0.156	2.224	0.993	0.128	3.092
R-87	223.2	0.67	0.142	2.221	0.989	0.16	1.964	0.989	0.145	2.255
R-90	189.9	0.682	0.128	2.901	0.989	0.169	2.207	0.988	0.139	3.092
R-93	237.5	1.159	0.006	2.037	0.998	0.178	2.109	0.99	0.099	5.927
R-96	235.4	0.692	0.126	2.888	0.99	0.176	2.308	0.988	0.145	3.193
R-100	196.5	0.678	0.129	2.702	0.989	0.16	2.31	0.988	0.138	2.8
R-102	238.2	0.676	0.126	2.596	0.987	0.157	2.143	0.986	0.133	2.689

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY OCT.,1975

Offshore Survey Dates (day,mo,yr):
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e rms	r	a	e rms	r	a	e rms
R-105	178.7	0.857	0.035	2.537	0.998	0.154	2.351	0.987	0.105	4.124
R-109	196.2	1.905	0	4.172	0.962	0.155	2.215	0.989	0.024	9.608
R-111	267.1	1.121	0.008	2.689	0.999	0.16	2.142	0.989	0.114	3.872
R-114	200.3	0.77	0.057	2.737	0.995	0.146	2.124	0.988	0.103	3.585
R-117	291.5	0.919	0.03	1.654	0.999	0.17	2.17	0.989	0.124	3.782
R-120	190.0	0.834	0.033	3.302	0.997	0.146	2.325	0.988	0.083	4.703
R-123	184.3	1.066	0.01	1.879	0.999	0.154	2.312	0.99	0.105	3.975

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY MAY,1981

Offshore Survey Dates (day,mo,yr): 140481 to 240481.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	317.5	0.733	0.11	3.2	0.993	0.183	3.256	0.989	0.165	3.552
R-2	290.8	0.691	0.14	3.196	0.988	0.176	3.152	0.986	0.162	3.318
R-3A	321.0	0.718	0.121	3.611	0.99	0.186	3.61	0.986	0.164	3.994
R-4	164.3	0.665	0.172	3.48	0.991	0.183	3.341	0.991	0.171	3.476
R-5	311.7	0.703	0.136	3.502	0.993	0.188	3.457	0.991	0.171	3.701
R-6	249.8	0.806	0.066	2.947	0.996	0.178	3.28	0.988	0.15	3.904
R-6A	298.7	0.743	0.101	3.052	0.993	0.177	3.212	0.988	0.158	3.484
W-7	347.7	0.678	0.155	3.218	0.988	0.181	3.119	0.987	0.167	3.293
R-8	307.3	0.732	0.108	2.725	0.992	0.175	2.779	0.988	0.158	3.005
R-9	165.1	0.661	0.157	3.464	0.987	0.167	3.273	0.988	0.152	3.439
R-10	203.1	0.722	0.109	3.363	0.991	0.17	3.381	0.986	0.152	3.616
R-11	202.2	0.632	0.215	3.201	0.986	0.182	3.028	0.988	0.175	3.071
R-12	182.5	0.658	0.167	3.247	0.986	0.171	3.083	0.987	0.159	3.205
R-13	208.8	0.625	0.214	3.037	0.985	0.174	2.878	0.988	0.169	2.896
R-14	212.1	0.704	0.129	2.695	0.992	0.177	2.692	0.99	0.162	2.891
R-15	191.3	0.644	0.194	3.308	0.986	0.177	3.194	0.988	0.17	3.234
R-16	363.6	0.696	0.137	3.046	0.991	0.177	3.025	0.99	0.163	3.155
R-17	320.1	0.671	0.146	3.419	0.987	0.168	3.193	0.987	0.15	3.446
R-18	144.3	0.678	0.155	3.57	0.988	0.182	3.456	0.987	0.167	3.633
R-19	241.3	0.62	0.228	3.069	0.98	0.177	2.927	0.985	0.175	2.931
R-20	242.6	0.761	0.093	3.052	0.994	0.188	3.202	0.988	0.161	3.718
R-21	241.8	0.754	0.1	3.301	0.994	0.188	3.434	0.988	0.169	3.685
R-22	208.1	0.753	0.093	3.131	0.993	0.177	3.251	0.986	0.155	3.582
R-23	196.8	0.773	0.084	3.21	0.994	0.178	3.408	0.986	0.16	3.668
R-24	184.4	0.617	0.229	3.239	0.983	0.172	3.129	0.987	0.17	3.136
R-25	398.7	0.751	0.094	3.395	0.992	0.181	3.487	0.985	0.155	3.992
W-26	234.7	0.696	0.118	2.699	0.99	0.152	2.685	0.988	0.142	2.776
R-27	182.2	0.612	0.222	3.056	0.981	0.165	2.88	0.986	0.161	2.891
R-28	313.6	0.641	0.185	3.442	0.985	0.172	3.199	0.987	0.159	3.318
R-29	398.1	0.692	0.14	2.922	0.989	0.182	2.818	0.987	0.163	3.083
R-30	202.6	0.775	0.08	3.347	0.996	0.17	3.415	0.991	0.156	3.573
R-31	163.2	0.722	0.112	3.204	0.992	0.173	3.212	0.989	0.156	3.432
R-32	177.2	0.735	0.106	2.8	0.994	0.174	2.859	0.991	0.16	3.014
R-33	200.4	0.721	0.115	3.35	0.995	0.179	3.383	0.992	0.161	3.639
R-34	211.3	0.597	0.225	3.144	0.988	0.153	2.946	0.992	0.149	2.964

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY MAY,1981

Offshore Survey Dates (day,mo,yr): 140481 to 240481.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-35	182.2	0.62	0.204	2.997	0.987	0.16	2.836	0.99	0.155	2.864
R-36	208.8	0.622	0.189	3.462	0.986	0.16	3.09	0.989	0.146	3.25
R-37	178.8	0.728	0.097	2.894	0.993	0.159	2.886	0.989	0.138	3.206
R-38	186.1	0.674	0.141	3.391	0.99	0.162	3.268	0.989	0.147	3.42
R-39	204.6	0.653	0.167	3.724	0.99	0.17	3.473	0.991	0.154	3.652
R-40	185.5	0.663	0.147	3.252	0.99	0.157	3.106	0.99	0.144	3.24
R-41	231.1	0.745	0.097	3.322	0.994	0.175	3.411	0.989	0.155	3.716
R-42	185.4	0.679	0.13	3.405	0.988	0.16	3.179	0.987	0.139	3.476
R-43	154.6	0.645	0.174	3.612	0.986	0.169	3.306	0.988	0.154	3.488
R-44	157.2	0.642	0.17	3.3	0.987	0.162	3.075	0.989	0.148	3.203
R-46	359.1	0.65	0.158	3.492	0.986	0.16	3.208	0.987	0.144	3.406
R-47	190.8	0.626	0.192	3.193	0.984	0.164	2.926	0.988	0.153	3.016
R-48	180.1	0.667	0.146	3.229	0.988	0.163	3.04	0.988	0.146	3.23
R-49	180.6	0.797	0.062	3.077	0.996	0.158	3.285	0.989	0.133	3.669
R-50	210	1.242	0.004	6.21	0.995	0.173	3.352	0.987	0.094	6.607
R-51	165.1	0.776	0.073	3.256	0.996	0.165	3.426	0.991	0.141	3.796
R-52	188.6	0.728	0.093	2.919	0.993	0.153	2.902	0.99	0.134	3.149
R-53	184.1	0.834	0.054	3.239	0.997	0.169	3.443	0.989	0.147	3.794
R-54	156.9	0.694	0.12	3.632	0.989	0.168	3.302	0.987	0.141	3.821
R-55	275.6	0.671	0.139	3.321	0.987	0.162	3.096	0.986	0.143	3.35
R-56	139	1.23	0.004	4.933	0.996	0.161	3.248	0.986	0.084	6.114
R-57	219.7	0.672	0.144	3.437	0.991	0.166	3.261	0.991	0.149	3.469
R-58	195.2	0.748	0.086	3.376	0.993	0.165	3.365	0.987	0.137	3.856
R-59	366.6	0.691	0.129	3.111	0.989	0.167	3.005	0.987	0.149	3.24
R-60	174.0	0.683	0.122	3.419	0.989	0.158	3.128	0.988	0.135	3.523
R-61	190.4	0.53	0.351	3.444	0.972	0.161	2.964	0.987	0.161	2.964
R-62	191.4	0.664	0.155	3.092	0.989	0.164	2.994	0.989	0.153	3.085
R-63	181.2	0.678	0.129	3.179	0.988	0.155	3.001	0.987	0.138	3.234
R-64	478.1	0.738	0.105	2.808	0.992	0.18	2.864	0.987	0.157	3.244
R-65	279.3	0.62	0.206	3.86	0.983	0.175	3.32	0.987	0.157	3.546
R-66	213.0	0.656	0.145	3.385	0.986	0.155	3.092	0.987	0.137	3.333
R-67	164.3	0.704	0.134	3.292	0.991	0.184	3.26	0.988	0.167	3.483
W-69	396.5	0.702	0.127	2.813	0.991	0.177	2.689	0.989	0.156	3.07
W-72	578.7	0.659	0.15	2.727	0.987	0.165	2.343	0.987	0.144	2.677
R-75	160.1	0.63	0.191	3.128	0.988	0.169	2.79	0.99	0.155	2.93

OFFSHORE PROFILE POWER CURVE FITS

WALTON COUNTY MAY,1981

Offshore Survey Dates (day,mo,yr): 140481 to 240481.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-78	180.6	0.682	0.137	2.821	0.99	0.172	2.559	0.988	0.149	2.936
R-81	189.8	0.685	0.137	3.094	0.989	0.175	2.869	0.987	0.152	3.233
R-84	225.3	0.758	0.083	3.323	0.995	0.178	3.195	0.99	0.14	4.146
R-87	195.2	0.784	0.068	2.997	0.996	0.166	3.044	0.989	0.133	3.749
R-90	209.1	0.796	0.069	2.636	0.997	0.177	2.879	0.993	0.146	3.53
R-93	155.6	0.622	0.189	3.543	0.987	0.171	2.837	0.99	0.148	3.2
R-96	273.1	0.698	0.128	3.292	0.991	0.186	2.877	0.989	0.153	3.589
W-99	445.3	0.577	0.275	3.491	0.979	0.178	2.889	0.988	0.169	2.94
R-102	230.7	0.618	0.208	3.06	0.984	0.175	2.535	0.988	0.16	2.715
R-105	194.1	0.726	0.104	2.914	0.993	0.177	2.709	0.99	0.145	3.373
W-108	406.9	0.677	0.14	2.762	0.991	0.166	2.576	0.99	0.149	2.82
R-111	187.2	0.548	0.288	2.726	0.974	0.143	2.53	0.987	0.148	2.553
R-114	197.9	0.614	0.208	3.049	0.983	0.162	2.776	0.988	0.154	2.824
R-117	184.6	0.607	0.21	2.965	0.983	0.164	2.405	0.988	0.151	2.555
R-120	169.1	0.64	0.163	2.956	0.986	0.157	2.62	0.988	0.141	2.812
R-123	182.5	0.621	0.199	2.989	0.985	0.166	2.671	0.989	0.155	2.763
W-126	365.4	0.619	0.187	3.576	0.984	0.158	3.118	0.988	0.142	3.309

OFFSHORE PROFILE POWER CURVE FITS

OKALOOSA NOV-DEC 73 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 101273 to 111273.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	171.	0.855	0.051	2.434	0.998	0.192	3.01	0.991	0.159	3.89
R-3	197.	0.725	0.129	2.575	0.993	0.194	2.746	0.99	0.178	2.952
R-6	141.	0.762	0.088	2.785	0.995	0.185	2.781	0.989	0.15	3.682
R-9	197.	0.778	0.077	3.183	0.995	0.179	3.392	0.987	0.145	4.103
R-12	241.	0.755	0.081	3.676	0.994	0.175	3.408	0.988	0.132	4.576
R-15	320.	0.865	0.045	3.349	0.998	0.193	3.9	0.991	0.151	5.106
R-18	1474.	0.667	0.129	1.926	0.989	0.144	1.693	0.989	0.13	1.935
R-21	352.	0.783	0.07	3.328	0.997	0.18	3.303	0.992	0.141	4.404
R-24	228.	0.535	0.399	3.084	0.976	0.184	2.423	0.988	0.189	2.448
R-27	347.	1.153	0.007	1.977	0.998	0.193	2.965	0.991	0.119	6.068
R-30	343.	0.863	0.047	4.089	0.998	0.202	4.649	0.987	0.141	6.217
R-33	169.	0.943	0.024	4.123	0.999	0.194	4.244	0.989	0.117	7.181
R-36	251.	0.716	0.131	3.997	0.994	0.205	3.86	0.992	0.178	4.401
R-39	241.	0.902	0.038	3.051	0.999	0.201	3.939	0.989	0.155	5.265
R-42	207.	0.77	0.076	4.229	0.995	0.19	3.848	0.99	0.137	5.437
R-45	254.	0.774	0.087	3.479	0.996	0.197	3.703	0.991	0.169	4.292
R-48	215.	0.891	0.033	3.328	0.998	0.176	3.553	0.988	0.117	5.523

OFFSHORE PROFILE POWER CURVE FITS

OKALOOSA MAR 76 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 110376 to 110376.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e rms = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	167.2	0.695	0.117	3.383	0.991	0.173	2.742	0.989	0.138	3.689
R-3	200	1.256	0.002	1.57	0.995	0.17	3.061	0.987	0.05	9.452
R-6	177.1	0.723	0.101	3.667	0.994	0.181	3.218	0.992	0.142	4.257
R-9	214.6	0.732	0.09	3.783	0.994	0.175	3.123	0.99	0.131	4.446
R-12	262.2	0.877	0.037	2.608	0.999	0.17	3.095	0.992	0.132	4.196
R-15	306.4	0.824	0.055	2.767	0.997	0.177	3.131	0.991	0.142	4.023
R-21	363.1	0.727	0.112	2.078	0.995	0.182	2.104	0.993	0.163	2.627
R-24	218.2	0.633	0.195	2.591	0.99	0.169	2.284	0.992	0.16	2.393
R-27*	384.8	0.648	0.173	3.537	0.988	0.181	2.779	0.989	0.155	3.341
R-30	309.6	0.708	0.115	4.681	0.993	0.197	3.759	0.99	0.147	5.197
R-33	217.2	0.72	0.11	3.216	0.992	0.181	2.97	0.989	0.15	3.757
R-36	220.8	0.592	0.246	3.57	0.984	0.173	2.771	0.99	0.16	2.931
R-39	231.5	0.638	0.177	4.084	0.986	0.179	3.147	0.989	0.15	3.786
R-42	269.4	0.553	0.314	4.095	0.982	0.179	2.727	0.99	0.163	2.962
R-45	239.1	0.61	0.216	3.204	0.986	0.167	2.575	0.99	0.155	2.749
R-48	229.9	0.527	0.346	3.737	0.974	0.161	2.749	0.988	0.161	2.749

OFFSHORE PROFILE POWER CURVE FITS

ESCAMBIA JAN-FEB 74 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 120274 to 310174.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-1	227.5	0.69	0.144	1.854	0.992	0.178	1.784	0.991	0.167	1.993
R-3	377.7	0.572	0.31	2.449	0.984	0.17	2.449	0.99	0.177	2.517
R-6	333.0	0.654	0.209	2.529	0.991	0.203	2.412	0.991	0.195	2.483
R-9	439.7	0.671	0.155	2.847	0.991	0.179	2.463	0.991	0.159	2.887
R-12	338.9	0.609	0.263	2.183	0.988	0.183	2.197	0.991	0.19	2.26
R-15	434.8	0.625	0.25	2.918	0.989	0.206	2.581	0.991	0.198	2.652
R-18	501.3	0.552	0.379	2.059	0.985	0.185	1.877	0.992	0.196	2.032
R-21	365	0.918	0.031	2.708	0.999	0.182	2.691	0.992	0.146	3.965
R-24	358.9	0.789	0.078	2.01	0.997	0.183	2.041	0.993	0.162	2.572
R-27	509.4	0.575	0.3	2.023	0.988	0.166	2.107	0.993	0.173	2.182
R-30	424.7	0.619	0.21	2.325	0.988	0.161	2.214	0.991	0.158	2.224
R-33	275.8	0.621	0.227	2.763	0.988	0.182	2.399	0.991	0.173	2.503
R-36	198.4	0.71	0.128	2.156	0.992	0.178	2.135	0.988	0.164	2.394
R-39	234.5	0.578	0.308	2.471	0.984	0.175	2.458	0.991	0.181	2.509
R-42	236.5	0.617	0.272	2.019	0.987	0.2	1.975	0.99	0.204	1.993
R-45	225	0.675	0.164	2.095	0.992	0.187	1.897	0.992	0.173	2.157
R-48	375.4	0.667	0.176	2.478	0.991	0.189	2.321	0.991	0.177	2.483
R-51	379.5	0.751	0.104	2.258	0.995	0.19	2.24	0.991	0.17	2.65
R-54	230.0	0.587	0.286	2.6	0.987	0.185	2.229	0.992	0.182	2.238
R-57	298.7	0.689	0.162	2.188	0.989	0.183	2.09	0.987	0.184	2.091
R-60	172.9	0.584	0.28	1.24	0.984	0.162	1.456	0.99	0.175	1.752
R-63	182.5	0.557	0.244	1.775	0.984	0.111	2.106	0.991	0.131	2.531
R-66	260.9	0.9	0:084	5.235	0.999	0.443	4.682	0.996	0.366	8.89
R-69	255.4	0.625	0.175	2.789	0.989	0.136	2.741	0.991	0.136	2.742
R-72	997.5	0.696	0.079	2.922	0.991	0.113	2.622	0.989	0.094	3.06
R-75	598.1	0.722	0.097	2.559	0.992	0.142	2.53	0.988	0.135	2.593
R-78	573.4	0.665	0.142	3.16	0.991	0.156	2.903	0.991	0.141	3.152
R-81	211.1	0.614	0.217	2.629	0.987	0.16	2.472	0.99	0.157	2.483
R-84	290.0	0.643	0.168	2.524	0.988	0.15	2.402	0.99	0.145	2.438
R-87	291.2	0.485	0.501	3.09	0.968	0.163	2.23	0.988	0.171	2.331
R-90	226.2	0.552	0.34	2.162	0.983	0.164	1.99	0.991	0.18	2.285
R-93	197.6	0.629	0.189	1.859	0.986	0.159	1.612	0.989	0.155	1.629
R-96	187.3	0.549	0.34	2.536	0.979	0.159	2.513	0.989	0.172	2.663
R-99	211.8	0.473	0.566	3.224	0.976	0.167	2.74	0.991	0.176	2.827
R-102	230.5	0.433	0.803	3.114	0.962	0.172	3.263	0.988	0.195	3.706

OFFSHORE PROFILE POWER CURVE FITS

ESCAMBIA JAN-FEB 74 CONTROL LINE

Offshore Survey Dates (day,mo,yr): 120274 to 310174.
b = exponent; a = shape coefficient; r = correlation coefficient
(r for the fixed exp data applies to both direct and log methods);
e = RMS error.
rms

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED b	a	e rms	r	EXPONENT FIXED AT 2/3 Direct Method a	e rms	r	Log Method a	e rms
R-105	174.6	0.437	0.746	3.413	0.97	0.175	2.581	0.99	0.192	2.86
R-108	353.3	0.519	0.458	2.89	0.98	0.177	2.437	0.991	0.182	2.47
R-111	290.8	0.514	0.449	3.74	0.971	0.182	3.144	0.988	0.186	3.158
R-114	171.5	0.579	0.279	1.905	0.986	0.164	1.696	0.991	0.167	1.714
R-117	117.7	0.569	0.306	3.386	0.98	0.182	2.485	0.989	0.175	2.537
R-120	435.1	0.614	0.238	3.622	0.986	0.191	2.966	0.99	0.176	3.168
R-123	288.4	0.58	0.324	3.799	0.981	0.196	3.259	0.989	0.194	3.264
R-126	226.9	0.582	0.283	3.334	0.982	0.18	2.644	0.989	0.174	2.681
R-129	268.0	0.621	0.23	3.165	0.988	0.186	2.725	0.991	0.175	2.837
R-132	176.5	0.616	0.247	2.666	0.987	0.186	2.401	0.99	0.183	2.411
R-135	302.5	0.544	0.394	4.156	0.982	0.195	3.174	0.99	0.192	3.186
R-138	390.6	0.532	0.401	4.044	0.976	0.184	3.14	0.988	0.189	3.156
R-141	222.1	0.614	0.216	3.108	0.985	0.172	2.543	0.989	0.161	2.682
R-144	214.2	0.595	0.257	3.071	0.985	0.181	2.344	0.99	0.172	2.431
R-147	236.6	0.575	0.318	2.802	0.982	0.183	2.447	0.989	0.187	2.47
R-150	220.1	0.632	0.19	3.15	0.985	0.173	2.629	0.988	0.156	2.871
R-153	289.1	0.603	0.242	3.173	0.982	0.185	2.262	0.988	0.171	2.457
R-156	196.5	0.645	0.204	2.914	0.986	0.184	2.811	0.988	0.181	2.823
R-159	176.3	0.726	0.123	2.482	0.994	0.19	2.584	0.991	0.176	2.81
R-162	237.5	0.581	0.308	2.799	0.982	0.187	2.423	0.989	0.19	2.429
R-165	246.2	0.683	0.143	2.697	0.989	0.171	2.615	0.987	0.158	2.806
R-168	207.0	0.638	0.185	3.735	0.99	0.169	3.474	0.992	0.156	3.599
R-171	218.8	0.57	0.328	4.091	0.984	0.191	3.402	0.991	0.184	3.452
R-174	200	1.253	0.005	8.758	0.995	0.183	2.904	0.988	0.07	8.843
R-177	248.0	0.672	0.157	4.145	0.99	0.197	3.389	0.99	0.162	4.22
R-180	270.9	0.692	0.135	2.917	0.993	0.178	2.717	0.992	0.157	3.142
R-183	239.8	0.617	0.223	2.909	0.985	0.181	2.34	0.989	0.168	2.505
R-186	211.3	0.567	0.344	3.904	0.984	0.194	3.095	0.991	0.191	3.106
R-189	229.2	0.63	0.223	3.439	0.986	0.191	3.114	0.989	0.18	3.21
R-192	293.6	0.549	0.345	3.626	0.978	0.18	2.641	0.989	0.176	2.66
R-195	184.8	0.581	0.286	3.512	0.981	0.182	2.746	0.988	0.177	2.781
R-198	130.9	0.597	0.265	3.185	0.984	0.181	2.752	0.989	0.176	2.776
R-201	151.1	0.59	0.276	3.693	0.983	0.189	2.955	0.989	0.177	3.074
R-204	121.9	0.577	0.299	3.543	0.981	0.187	2.746	0.989	0.179	2.807
R-207	110.9	0.713	0.128	2.545	0.994	0.189	2.541	0.991	0.169	2.936

OFFSHORE PROFILE POWER CURVE FITS

ESCAMBIA JAN-FEB 74 CONTROL LINE

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e_{rms} = RMS error.

DNR Ref Mon No	Zero NGVD Dist from Monu	EXPONENT NOT FIXED				EXPONENT FIXED AT 2/3				
						Direct Method			Log Method	
		b	a	e_{rms}	r	a	e_{rms}	r	a	e_{rms}
R-210	178.5	0.582	0.303	4.125	0.985	0.198	3.099	0.991	0.183	3.314
R-213	532.2	0.762	0.095	3.043	0.995	0.203	3.171	0.991	0.167	4.192