

Appendix A. GPS locational transect bathymetry mapping data for Mountain Lake, collected 1996-97  
 (Depth and elevation information in feet)

Transect #	X			Y			Z		
	Latitude N			Longitude W			Lake Elev.	Water Depth	Bottom Elev.
benchmark	37	21	25	80	32	04	3860	0	3860
centerline	37	21	25	80	32	04	3860	0	3860
centerline	37	21	27	80	32	03	3860	8.2	3851.8
centerline	37	21	28	80	32	03	3860	9.7	3850.3
centerline	37	21	29	80	32	03	3860	18.7	3841.3
centerline	37	21	29	80	32	03	3860	18.4	3841.6
centerline	37	21	30	80	32	03	3860	27	3833
centerline	37	21	30	80	32	03	3860	28.5	3831.5
centerline	37	21	31	80	32	02	3860	32.2	3827.8
centerline	37	21	31	80	32	02	3860	30.9	3829.1
centerline	37	21	32	80	32	02	3860	32	3828
centerline	37	21	33	80	32	01	3860	40.2	3819.8
centerline	37	21	34	80	32	01	3860	35.3	3824.7
centerline	37	21	35	80	32	01	3860	30.8	3829.2
centerline	37	21	36	80	32	01	3860	32.8	3827.2
centerline	37	21	37	80	32	00	3860	36.8	3823.2
centerline	37	21	38	80	32	00	3860	46.8	3813.2
centerline	37	21	38	80	32	00	3860	47.1	3812.9
centerline	37	21	39	80	31	59	3860	46.1	3813.9
centerline	37	21	40	80	31	58	3860	41	3819
centerline	37	21	41	80	31	58	3860	42.8	3817.2
centerline	37	21	42	80	31	57	3860	44	3816
centerline	37	21	43	80	31	56	3860	50.9	3809.1
centerline	37	21	44	80	31	57	3860	69.1	3790.9
centerline	37	21	45	80	31	56	3860	74.8	3785.2
centerline	37	21	45	80	31	58	3860	60.8	3799.2
centerline	37	21	46	80	31	57	3860	74.7	3785.3
centerline	37	21	46	80	31	56	3860	70.4	3789.6
centerline	37	21	47	80	31	58	3860	73.2	3786.8
centerline	37	21	47	80	31	56	3860	74.8	3785.2
centerline	37	21	47	80	31	56	3860	80.3	3779.7
centerline	37	21	47	80	31	57	3860	89.6	3770.4
centerline	37	21	48	80	31	57	3860	82	3778
centerline	37	21	48	80	31	58	3860	85	3775
centerline	37	21	50	80	31	58	3860	80	3780
centerline	37	21	50	80	31	59	3860	50	3810
centerline	37	21	52	80	31	59	3860	39	3821
benchmark	37	21	52	80	32	00	3860	0	3860
transect 1	37	21	28	80	32	08	3860	3	3857
transect 1	37	21	28	80	32	07	3860	4	3856
transect 1	37	21	28	80	32	07	3860	5	3855
transect 1	37	21	28	80	32	07	3860	6	3854
transect 1	37	21	28	80	32	06	3860	7	3853
transect 1	37	21	28	80	32	06	3860	8	3852

transect 1	37 21 28	80 32 06	3860	9	3851
transect 1	37 21 28	80 32 05	3860	9	3851
transect 1	37 21 28	80 32 05	3860	10	3850
transect 1	37 21 28	80 32 05	3860	11	3849
transect 1	37 21 28	80 32 04	3860	11	3849
transect 1	37 21 28	80 32 04	3860	13	3847
transect 1	37 21 28	80 32 04	3860	15	3845
transect 1	37 21 28	80 32 03	3860	16	3844
transect 1	37 21 28	80 32 03	3860	16	3844
transect 1	37 21 28	80 32 03	3860	15	3845
transect 1	37 21 28	80 32 02	3860	14	3846
transect 1	37 21 28	80 32 02	3860	13	3847
transect 1	37 21 28	80 32 02	3860	11	3849
transect 1	37 21 28	80 32 01	3860	9	3851
transect 1	37 21 28	80 32 01	3860	8	3852
transect 1	37 21 28	80 32 01	3860	6	3854
transect 1	37 21 29	80 32 00	3860	4	3856
transect 2	37 21 31	80 32 07	3860	7	3853
transect 2	37 21 31	80 32 06	3860	8	3852
transect 2	37 21 31	80 32 06	3860	10	3850
transect 2	37 21 31	80 32 06	3860	12	3848
transect 2	37 21 31	80 32 05	3860	15	3845
transect 2	37 21 31	80 32 05	3860	18	3842
transect 2	37 21 31	80 32 05	3860	20	3840
transect 2	37 21 31	80 32 04	3860	22	3838
transect 2	37 21 31	80 32 04	3860	22	3838
transect 2	37 21 31	80 32 04	3860	23	3837
transect 2	37 21 31	80 32 03	3860	25	3835
transect 2	37 21 31	80 32 03	3860	25	3835
transect 2	37 21 31	80 32 03	3860	25	3835
transect 2	37 21 31	80 32 02	3860	30	3830
transect 2	37 21 31	80 32 02	3860	33	3827
transect 2	37 21 31	80 32 02	3860	33	3827
transect 2	37 21 31	80 32 01	3860	33	3827
transect 2	37 21 31	80 32 01	3860	27	3833
transect 2	37 21 31	80 32 01	3860	25	3835
transect 2	37 21 31	80 32 00	3860	20	3840
transect 2	37 21 31	80 32 00	3860	17	3843
transect 2	37 21 31	80 32 00	3860	14	3846
transect 2	37 21 31	80 31 59	3860	13	3847
transect 2	37 21 31	80 31 59	3860	10	3850
transect 2	37 21 31	80 31 59	3860	8	3852
transect 2	37 21 32	80 31 59	3860	6	3854
transect 3	37 21 33	80 32 06	3860	5	3855
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transect 3	37 21 33	80 32 06	3860	6	3854
transect 3	37 21 33	80 32 05	3860	7	3853
transect 3	37 21 33	80 32 05	3860	8	3852
transect 3	37 21 33	80 32 05	3860	9	3851

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transect 3	37 21 33	80 32 04	3860	15	3845
transect 3	37 21 33	80 32 03	3860	15	3845
transect 3	37 21 33	80 32 03	3860	16	3844
transect 3	37 21 33	80 32 03	3860	17	3843
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transect 3	37 21 34	80 32 01	3860	29	3831
transect 3	37 21 34	80 32 01	3860	32	3828
transect 3	37 21 34	80 32 00	3860	32	3828
transect 3	37 21 34	80 32 00	3860	35	3825
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transect 3	37 21 34	80 31 59	3860	35	3825
transect 3	37 21 34	80 31 59	3860	29	3831
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transect 3	37 21 34	80 31 58	3860	27	3833
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transect 3	37 21 34	80 31 57	3860	18	3842
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transect 4	37 21 37	80 32 02	3860	13	3847
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transect 4	37 21 37	80 32 02	3860	33	3827
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transect 4	37 21 37	80 32 01	3860	43	3817
transect 4	37 21 37	80 32 01	3860	47	3813
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transect 4	37 21 37	80 32 00	3860	47	3813
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transect 4	37 21 38	80 31 59	3860	56	3804
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transect 5	37 21 42	80 32 00	3860	38	3822
transect 5	37 21 42	80 32 00	3860	46	3814
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transect 5	37 21 42	80 31 59	3860	58	3802
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transect 5	37 21 43	80 31 55	3860	54	3806
transect 5	37 21 43	80 31 54	3860	49	3811
transect 5	37 21 43	80 31 54	3860	46	3814
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transect 8	37 21 43	80 31 52	3860	28	3832
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transect 9	37 21 47	80 32 02	3860	37	3823
transect 9	37 21 47	80 32 01	3860	44	3816
transect 9	37 21 46	80 32 01	3860	53	3807
transect 9	37 21 46	80 32 00	3860	60	3800
transect 9	37 21 46	80 32 00	3860	70	3790
transect 9	37 21 46	80 32 00	3860	89	3771
transect 9	37 21 46	80 31 59	3860	84	3776
transect 9	37 21 46	80 31 59	3860	72	3788
transect 9	37 21 46	80 31 57	3860	70	3790
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transect 9	37 21 47	80 31 56	3860	100	3760
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transect 9	37 21 47	80 31 54	3860	88	3772
transect 9	37 21 48	80 31 54	3860	85	3775
transect 9	37 21 48	80 31 53	3860	10	3850