

PLIOCENE / QUATERNARY

	Area	Lat.	Long.	av. Thickness (m)	km	Area (km2)	Present volume	Erosion	Degree of denudation	Original volume
1	1	-15.187	-73.646	113.50	0.11	18.00	2.04	0.25	11	2.27
2	1	-15.331	-73.446	36.25	0.04	4.00	0.15	0.00	1.8	0.17
3	1	-15.073	-73.188	69.50	0.07	18.00	1.25	0.02	1.3	1.23
4	1	-14.998	-72.955	85.50	0.09	1.40	0.12	0.01	5.4	0.13
5	1	-15.403	-72.913	88.50	0.09	25.00	2.21	0.04	1.9	2.26
6	1	-15.261	-72.734	18.00	0.02	1.10	0.02	0.00	15	0.02
7	1	-15.236	-72.644	55.75	0.06	9.40	0.52	0.03	5	0.54
8	1	-15.558	-72.637	19.75	0.02	3.60	0.07	0.00	2.8	0.07
9	1	-15.421	-72.363	58.75	0.06	4.10	0.24	0.00	0.2	0.25
10	1	-15.543	-72.290	48.25	0.05	3.90	0.19	0.00	0.2	0.20
11	1	-15.820	-71.878	69.00	0.07	4.20	0.29	0.00	0.5	0.30
12	1	-15.820	-71.878	41.75	0.04	11.50	0.48	0.00	0.5	0.48
13	1	-16.194	-71.530	92.50	0.09	9.40	0.87	0.02	2.1	0.90
14	1	-16.442	-71.240	114.75	0.11	3.60	0.41	0.06	12	0.48
15	1	-16.470	-71.144	163.75	0.16	13.10	2.15	0.38	15	2.53
16	1	-16.361	-70.924	44.25	0.04	0.34	0.02	0.00	0.8	0.02
17	1	-16.266	-71.198	135.00	0.14	5.60	0.76	0.11	13	0.85
18	1	-16.182	-71.112	79.00	0.08	3.20	0.25	0.04	14	0.29
19	1	-16.169	-70.962	46.75	0.05	4.40	0.21	0.03	11	0.23
20	1	-16.299	-71.407	89.25	0.09	2.20	0.20	0.00	0.2	0.20
21	2	-17.025	-70.559	227.00	0.23	33.00	7.49	1.02	12	8.50
22	2	-17.083	-70.468	104.25	0.10	12.00	1.25	0.16	11.7	1.37
23	2	-17.053	-70.348	61.75	0.06	8.90	0.55	0.07	10.9	0.64
24	2	-16.751	-70.616	88.00	0.09	3.00	0.26	0.01	3.2	0.28
25	2	-17.483	-69.850	54.75	0.05	1.40	0.08	0.01	6.5	0.08
26	2	-18.311	-68.809	24.50	0.02	2.90	0.07	0.02	18	0.09
27	2	-17.079	-69.996	44.75	0.04	0.66	0.03	0.01	14	0.04
28	2	-17.144	-70.101	6.75	0.01	4.40	0.03	0.00	10.5	0.03
29	2	-17.322	-69.687	27.50	0.03	4.00	0.11	0.01	8.5	0.12
30	2	-16.888	-69.774	85.50	0.09	3.50	0.30	0.07	19	0.37
31	2	-17.632	-69.799	25.50	0.03	1.40	0.04	0.00	9	0.04
32	2	-18.721	-68.962	46.25	0.05	0.40	0.02	0.00	2.9	0.03
33	3	-19.137	-68.524	74.25	0.07	1.70	0.13	0.00	1.4	0.14
34	3	-19.146	-68.696	41.50	0.04	8.40	0.35	0.02	5.4	0.37
35	3	-19.321	-68.297	48.25	0.05	2.70	0.13	0.02	13.2	0.15
36	3	-21.307	-68.183	60.00	0.06	3.90	0.23	0.01	3.9	0.23
37	3	-22.558	-67.851	41.25	0.04	3.30	0.14	0.01	9.2	0.15
38	3	-19.742	-68.688	79.00	0.08	3.00	0.24	0.03	11.3	0.27
39	3	-20.029	-68.625	90.50	0.09	11.20	1.01	0.12	10.9	1.14
40	3	-19.900	-68.893	74.00	0.07	8.10	0.60	0.10	14.8	0.70
41	3	-19.981	-68.696	28.25	0.03	1.20	0.03	0.01	16.1	0.04
42	3	-20.859	-68.200	37.00	0.04	8.50	0.31	0.03	8.5	0.34
43	3	20.969	-68.160	27.25	0.03	0.60	0.02	0.00	14	0.02
44	3	-21.778	-68.242	62.25	0.06	3.40	0.21	0.02	9.8	0.23

45	3	-21.579	-68.260	23.50	0.02	1.50	0.04	0.00	8.4	0.04
46	3	-21.188	-68.603	25.25	0.03	0.21	0.01	0.00	1.3	0.01
47	3	-21.224	-67.607	110.50	0.11	6.10	0.67	0.09	11.6	0.78
48	3	-22.267	-67.183	57.00	0.06	0.65	0.04	0.00	5.6	0.04
49	3	-22.280	-67.037	85.00	0.09	5.50	0.47	0.08	14.3	0.56
50	3	-21.880	-68.398	161.25	0.16	25.60	4.13	0.05	1.2	4.17
51	3	-22.834	-67.882	61.75	0.06	0.73	0.05	0.00	0.9	0.06
52	3	-23.369	-67.739	50.50	0.05	1.70	0.09	0.00	3.4	0.09
53	3	-23.685	-67.601	124.25	0.12	8.30	1.03	0.08	6.7	1.12
54	3	-23.745	-67.540	74.50	0.07	2.00	0.15	0.02	12.2	0.17
55	3	-24.415	-67.980	110.75	0.11	18.60	2.06	0.39	15.9	2.45
56	3	-24.207	-68.066	64.75	0.06	7.90	0.51	0.08	12.8	0.59
57	3	-24.715	-68.547	96.75	0.10	2.40	0.23	0.01	2.1	0.24
58	3	-25.089	-68.365	58.25	0.06	4.40	0.26	0.03	11.2	0.29
59	3	-25.161	-68.511	82.25	0.08	7.60	0.63	0.01	2.2	0.64
60	3	-25.237	-68.582	72.75	0.07	1.50	0.11	0.00	1.4	0.11

MIOCENE

1	1	-14.123	-74.791	42.75	0.04	6.70	0.29	0.3	51	0.59
2	1	-13.818	-74.620	68.25	0.07	17.60	1.20	1.3	52	2.50
3	1	-14.428	-74.358	136.50	0.14	13.10	1.79	1.8	51	3.53
4	1	-14.165	-74.350	95.75	0.10	4.40	0.42	0.4	49	0.82
5	1	-14.477	-73.922	52.00	0.05	3.20	0.17	0.19	53	0.36
6	1	-14.755	-73.912	55.50	0.06	1.70	0.09	0.1	53	0.19
7	1	-14.724	-73.731	112.00	0.11	6.20	0.69	0.66	49	1.35
8	1	-14.313	-73.760	119.00	0.12	26.10	3.11	2.21	41.6	5.31
9	1	-14.512	-73.515	124.75	0.12	35.90	4.48	4.85	52	9.33
10	1	-14.763	-72.650	48.00	0.05	8.70	0.42	0.47	53	0.89
11	1	-14.987	-72.339	39.00	0.04	3.60	0.14	0.12	47	0.26
12	1	-15.337	-72.156	40.25	0.04	10.30	0.41	0.38	48	0.79
13	1	-15.250	-71.251	43.75	0.04	2.70	0.12	0.13	52	0.25
14	1	-14.327	-74.449	27.75	0.03	8.30	0.23	0.25	52	0.48
15	1	-14.860	-72.313	93.50	0.09	19.90	1.86	2.01	52	3.87
16	1	-15.084	-71.809	151.25	0.15	26.20	3.96	4.12	51	8.08
17	1	-15.840	-71.666	42.50	0.04	7.20	0.31	0.3	49	0.61
18	1	-15.525	-71.691	27.75	0.03	4.10	0.11	0.08	43	0.19
19	1	-15.405	-73.437	54.50	0.05	25.60	1.40	1.29	48	2.69
20	1	-15.026	-72.474	36.00	0.04	5.80	0.21	0.21	50	0.42
21	2	-18.136	-68.338	109.00	0.11	7.70	0.84	0.71	46	1.54
22	2	-16.845	-69.897	24.00	0.02	0.78	0.02	0.015	43	0.03
23	2	-16.246	-70.346	190.50	0.19	24.10	4.59	2.69	37	7.27
24	2	-16.922	-70.613	77.00	0.08	3.70	0.28	0.12	31	0.39
25	2	-17.374	-70.028	178.75	0.18	26.70	4.77	3.6	43	8.37
26	2	-16.879	-69.569	196.00	0.20	9.10	1.78	1.58	47	3.36
27	2	-17.189	-69.878	38.25	0.04	2.00	0.08	0.044	36	0.12
28	2	-16.479	-69.891	110.25	0.11	8.20	0.90	0.485	35	1.39

29	2	-16.651	-70.080	68.25	0.07	3.30	0.23	0.2	46	0.43
30	2	-15.983	-70.758	66.00	0.07	5.90	0.39	0.37	49	0.76
31	2	-89.321	-69.789	81.75	0.08	19.00	1.55	0.73	32	2.28
32	2	-18.715	-69.475	107.25	0.11	4.40	0.47	0.2	29.59	0.68
33	3	-19.577	-67.673	56.75	0.06	4.40	0.25	0.152	38	0.40
34	3	-18.952	-66.691	120.50	0.12	12.70	1.53	1.06	41	2.59
35	3	-19.820	-68.199	71.25	0.07	2.10	0.15	0.054	26.7	0.20
36	3	-20.607	-68.496	54.00	0.05	15.30	0.83	0.39	32	1.22
37	3	-20.560	-68.318	40.25	0.04	3.00	0.12	0.06	34	0.18
38	3	-20.650	-67.669	100.25	0.10	3.80	0.38	0.187	33	0.57
39	3	-21.074	67.855	78.25	0.08	18.50	1.45	0.593	29	2.04
40	3	-21.513	67.754	56.75	0.06	5.90	0.33	0.15	31.5	0.48
41	3	-22.009	-67.218	61.25	0.06	18.20	1.11	0.65	37	1.76
42	3	-22.177	-66.687	133.25	0.13	25.30	3.37	2.34	41	5.71
43	3	-22.276	-67.925	57.50	0.06	3.50	0.20	0.07	25.7	0.27
44	3	-25.219	-68.329	113.00	0.11	2.90	0.33	0.11	25.1	0.44
45	3	-25.688	-67.382	85.50	0.09	14.20	1.21	0.84	41	2.05
46	3	-22.733	-67.551	85.25	0.09	0.90	0.08	0.042	34.8	0.12
47	3	-23.027	-67.039	115.50	0.12	28.60	3.30	2.17	39.7	5.47
48	3	-18.804	-68.306	69.50	0.07	3.70	0.26	0.09	25.8	0.35
49	3	-18.981	-68.562	112.00	0.11	2.30	0.26	0.113	30.4	0.37
50	3	-19.343	-68.987	113.25	0.11	2.40	0.27	0.16	37	0.43
51	3	-19.036	-69.057	220.25	0.22	13.80	3.04	1.565	34	4.60
52	3	-21.979	-68.072	117.75	0.12	2.40	0.28	0.078	21.8	0.36
53	3	-19.049	-69.421	122.00	0.12	27.30	3.33	1.567	32	4.90
54	3	-22.477	-66.765	109.50	0.11	6.50	0.71	0.515	42	1.23
55	3	-25.409	-68.028	15.75	0.02	32.40	0.51	0.17	25	0.68
56	3	-19.724	-68.815	90.50	0.09	9.40	0.85	0.4	32	1.25
57	3	-20.340	-68.585	133.25	0.13	5.30	0.71	0.18	20.3	0.89
58	3	-20.131	-68.769	153.50	0.15	11.10	1.70	0.48	22	2.18
59	3	-21.762	-67.193	24.00	0.02	1.60	0.04	0.014	27	0.05
60	3	-19.078	-68.704	88.50	0.09	8.30	0.73	0.195	21	0.93