

SUPPLEMENTARY DATA

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Coordinates, gravimetric measurements and corrections, and total Bouguer anomaly for every measurement station

Station	Lat (°)	Long (°)	Height (m)	g_0 (mGal)	Δg_D (mGal)	g_m (mGal)	g_A (mGal)	g_{th} (mGal)	Δg_{lat} (mGal)	Δg_{FA} (mGal)	Δg_{BP} (mGal)	Δg_T (mGal)	Δ_B (mGal)
Base Day 1	4.48537	-75.38008	2526.2	1451.853	0.000	1451.853	977480.179	978064.112	0.000	779.580	264.744	8.732	-78.51
Station 2	4.48522	-75.37935	2516.1	1454.274	-0.438	1453.836	977482.162	978064.109	0.010	776.476	263.690	8.288	-78.04
Station 3	4.48502	-75.37813	2523.1	1453.063	-0.543	1452.520	977480.846	978064.107	0.028	778.639	264.424	8.338	-77.68
Station 4	4.48713	-75.37990	2514.3	1453.761	-0.797	1452.964	977481.290	978064.136	0.025	775.911	263.498	8.306	-78.90
Station 5	4.48712	-75.37912	2510.6	1455.116	-0.863	1454.253	977482.579	978064.136	0.028	774.783	263.115	7.959	-78.55
Station 6	4.48712	-75.37780	2511.9	1454.290	-0.931	1453.359	977481.685	978064.136	0.040	775.159	263.243	7.706	-79.32
Station 7	4.48852	-75.38007	2505.8	1454.525	-1.022	1453.502	977481.829	978064.156	0.044	773.278	262.604	7.947	-80.18
Station 8	4.48893	-75.37943	2506.1	1454.656	-1.104	1453.552	977481.878	978064.162	0.051	773.372	262.636	7.813	-80.10
Station 9	4.48935	-75.37882	2513.7	1453.151	-1.171	1451.980	977480.306	978064.168	0.059	775.723	263.434	7.773	-80.14
Base Day 1	4.48537	-75.38008	2526.2	1450.524	-1.329	1451.853	977480.179	978064.112	0.000	779.580	264.744	8.699	-78.54
Base Day 2	4.48537	-75.38008	2526.2	1449.083	0.000	1449.083	977480.179	978064.112	0.000	779.580	264.744	8.750	-78.49
Station 10	4.48990	-75.38003	2501.2	1452.762	-0.024	1452.738	977483.834	978064.175	0.064	771.867	262.125	7.880	-81.33
Station 11	4.49022	-75.37930	2505.8	1451.772	-0.032	1451.740	977482.836	978064.180	0.069	773.278	262.604	7.790	-81.53
Station 12	4.49097	-75.38053	2502.4	1452.215	-0.043	1452.172	977483.268	978064.190	0.079	772.243	262.252	7.852	-81.74
Station 13	4.49128	-75.37958	2508.2	1451.553	-0.055	1451.498	977482.594	978064.195	0.083	774.030	262.859	7.624	-81.50
Station 14	4.49215	-75.37997	2516.7	1449.855	-0.065	1449.790	977480.886	978064.207	0.095	776.664	263.754	7.784	-81.39
Station 15	4.49260	-75.38220	2518.3	1449.728	-0.077	1449.651	977480.747	978064.213	0.106	777.134	263.913	7.863	-81.14
Station 16	4.49207	-75.38370	2525.0	1447.797	-0.087	1447.884	977478.980	978064.206	0.107	779.204	264.616	8.378	-81.21
Station 17	4.49343	-75.38537	2488.4	1455.697	-0.099	1455.598	977486.694	978064.225	0.136	767.916	260.783	9.460	-79.42
Station 18	4.49463	-75.38728	2456.7	1462.125	-0.109	1462.016	977493.112	978064.242	0.165	758.134	257.461	10.428	-78.19
Station 19	4.49433	-75.38968	2436.9	1466.280	-0.119	1466.161	977497.257	978064.238	0.185	752.020	255.385	12.077	-76.29
Station 20	4.49375	-75.39193	2404.6	1471.539	-0.129	1471.410	977502.506	978064.229	0.204	742.049	251.999	14.986	-74.50
Station 21	4.49242	-75.39373	2389.3	1475.940	-0.140	1475.800	977506.896	978064.211	0.216	737.346	250.401	17.959	-70.12
Station 22	4.48777	-75.38970	2732.2	1394.733	-0.223	1394.956	977426.052	978064.145	0.139	843.165	286.337	16.715	-84.59
Station 23	4.48882	-75.38415	2727.7	1396.059	-0.272	1396.331	977427.427	978064.160	0.075	841.754	285.858	13.751	-87.25
Base Day 2	4.48537	-75.38008	2526.2	1448.769	-0.314	1449.083	977480.179	978064.112	0.000	779.580	264.744	8.733	-78.51
Base Day 3	4.48537	-75.38008	2526.2	1448.456	0.000	1448.456	977480.179	978064.112	0.000	779.580	264.744	8.732	-78.51
Station 24	4.49015	-75.39428	2378.4	1474.968	0.002	1474.966	977506.689	978064.179	0.211	733.960	249.252	18.250	-72.33
Station 25	4.48793	-75.39462	2392.7	1474.197	0.002	1474.195	977505.918	978064.148	0.208	738.381	250.753	19.441	-68.80
Station 26	4.48567	-75.39490	2378.4	1477.883	0.002	1477.881	977509.604	978064.116	0.208	733.960	249.252	22.509	-64.44
Station 27	4.48358	-75.39415	2366.8	1480.543	0.002	1480.541	977512.264	978064.086	0.199	730.386	248.038	22.420	-63.75
Station 28	4.48147	-75.39432	2354.3	1485.807	0.002	1485.805	977517.528	978064.057	0.207	726.529	246.728	25.390	-57.64
Station 29	4.47948	-75.39437	2342.7	1490.386	0.002	1490.384	977522.107	978064.029	0.217	722.955	245.514	28.598	-51.93
Station 30	4.47755	-75.39298	2307.0	1497.832	0.002	1497.830	977529.553	978064.002	0.212	711.950	241.777	30.615	-49.44
Station 31	4.47615	-75.39098	2252.2	1510.150	0.003	1510.147	977541.870	978063.982	0.200	695.019	236.027	31.335	-47.25
Station 32	4.47485	-75.38913	2238.8	1514.398	0.003	1514.395	977546.118	978063.964	0.195	690.880	234.622	31.519	-45.58
Station 33	4.47500	-75.38697	2412.2	1501.594	0.004	1501.590	977533.313	978063.966	0.175	744.401	252.797	26.526	-29.25
Station 34	4.47652	-75.38515	2380.2	1493.332	0.004	1493.328	977525.051	978063.987	0.143	734.525	249.443	21.089	-49.12
Station 35	4.47810	-75.38353	2411.6	1480.916	0.004	1480.912	977512.635	978064.009	0.113	744.213	252.733	17.353	-59.56
Station 36	4.48030	-75.38300	2408.2	1475.667	0.005	1475.662	977507.385	978064.040	0.082	743.178	252.382	14.516	-67.91
Station 37	4.48258	-75.38222	2423.2	1470.505	0.005	1470.500	977502.223	978064.072	0.049	747.787	253.947	12.118	-72.83
Station 38	4.48483	-75.38182	2474.4	1460.044	0.005	1460.039	977491.762	978064.104	0.026	763.589	259.314	9.956	-75.79
Station 39	4.48465	-75.38047	2514.3	1452.874	0.006	1452.868	977484.591	978064.101	0.012	775.911	263.498	9.172	-75.86
Base Day 3	4.48537	-75.38008	2526.2	1448.462	0.006	1448.456	977480.179	978064.112	0.000	779.580	264.744	8.715	-78.52
Base Day 4	4.48537	-75.38008	2526.2	1448.404	0.000	1448.404	977480.179	978064.112	0.000	779.580	264.744	8.715	-78.58
Station 40	4.48655	-75.38153	2502.1	1451.979	-0.011	1451.968	977483.743	978064.128	0.026	772.149	262.220	8.854	-79.82
Base Day 4	4.48537	-75.38008	2526.2	1448.349	-0.055	1448.404	977480.179	978064.112	0.000	779.580	264.744	8.715	-78.58

g_0 : Relative gravity measured with the gravimeter; Δg_D : instrumental drift correction; g_m : measured gravity after the application of the instrumental drift correction ($g_0 \pm \Delta g_D$); g_A : absolute gravity; g_{th} : theoretical gravity; Δg_{lat} : latitude correction; Δg_{FA} : free-air correction; Δg_{BP} : Bouguer plate correction; Δg_T : topographic correction; and Δ_B : total Bouguer anomaly.