

Table S3: GPS site locations (“Longitude, Latitude”), velocities (“Ve, Vn”) and associated uncertainties (“Se, Sn”) in the horizontal (“east and north”) component, the correlations (“Rho”) and names (“Site”) for time period 3 (2009.85-2011.81). The units of Ve, Vn, Se, and Sn are all mm/yr.

Longitude	Latitude	Ve	Vn	Se	Sn	Rho	Site
205.3017	59.8993	-3.95	-1.41	0.71	0.76	0.000	AB22
205.8170	56.9506	-15.38	25.09	0.69	0.74	0.000	AC02
208.1355	59.7706	-0.01	-4.42	0.67	0.74	0.000	AC03
209.1094	59.7636	-6.85	6.53	0.69	0.75	0.000	AC06
206.3553	58.9288	-7.62	6.33	0.72	0.76	0.000	AC08
212.0004	60.8487	-19.10	42.91	0.73	0.77	0.000	AC14
210.2760	60.4813	-15.16	17.79	0.70	0.75	0.000	AC15
211.9068	60.5182	-18.23	46.94	0.68	0.74	0.000	AC16
207.5961	60.6639	-4.17	-3.23	0.68	0.74	0.000	AC17
207.7505	58.9260	-9.01	3.12	0.69	0.75	0.000	AC18
210.6475	60.9292	-16.67	18.27	0.72	0.76	0.000	AC20
209.1221	60.4751	-10.64	1.01	0.68	0.74	0.000	AC23
203.3472	58.6816	-6.92	1.51	0.68	0.74	0.000	AC24
205.8497	58.2146	-9.45	9.42	0.69	0.74	0.000	AC26
205.8371	59.2525	-6.87	-0.21	0.71	0.75	0.000	AC27
209.2631	61.4731	-6.76	4.50	0.68	0.74	0.000	AC32
206.7208	57.2200	-18.07	23.24	0.69	0.74	0.000	AC34
209.2067	59.3758	-5.47	7.93	0.69	0.75	0.000	AC35
209.3916	60.9553	-9.94	6.57	0.68	0.74	0.000	AC36
206.1346	60.4397	-2.69	-2.04	0.68	0.74	0.000	AC37
206.6581	57.7537	-12.29	12.99	0.71	0.76	0.000	AC38
207.6059	58.6097	-8.39	3.75	0.67	0.74	0.000	AC39
210.3713	59.5213	-13.11	39.54	0.67	0.74	0.000	AC43
210.4329	61.2422	-15.27	11.04	0.68	0.74	0.000	AC44
205.8190	56.5645	-15.45	29.88	0.69	0.75	0.000	AC45
208.4760	61.9863	-5.24	-0.03	0.67	0.74	0.000	AC46
207.3761	60.0814	-2.72	-4.01	0.69	0.75	0.000	AC47
212.6570	60.6459	-20.95	43.16	0.67	0.74	0.000	AC48
208.1646	61.4981	-4.62	-0.73	0.67	0.74	0.000	AC51
209.9310	61.7690	-8.09	5.05	0.68	0.74	0.000	AC53
206.4148	59.5672	-5.28	-1.19	0.68	0.74	0.000	AC59
207.5746	57.7907	-15.14	20.88	0.69	0.75	0.000	AC67
206.5392	59.3585	-6.74	-1.57	0.70	0.75	0.000	AV01
206.5716	59.3330	-6.51	-0.60	0.69	0.74	0.000	AV02
206.5553	59.3626	-2.41	-1.49	0.78	0.79	0.000	AV04
206.6453	59.3706	-5.49	-1.54	0.69	0.75	0.000	AV11
206.4650	59.3859	-5.96	-1.42	0.70	0.75	0.000	AV16
206.5486	59.4040	-5.73	-1.04	0.69	0.75	0.000	AV17
206.5632	59.3804	0.46	-0.88	0.70	0.75	0.000	AV18
206.5857	59.3549	-3.97	-3.83	0.76	0.76	0.000	AV19
206.5718	59.3474	-4.73	-1.54	0.72	0.76	0.000	AV20
210.1368	61.1557	-14.89	11.73	0.72	0.76	0.000	ACCU
210.0166	61.1752	-13.99	9.94	0.70	0.76	0.000	ANC2
210.8677	61.5977	-12.94	9.33	0.68	0.75	0.000	ATW2

213.3534	60.2375	-14.08	30.70	1.24	1.08	0.000	CHI5
208.6498	60.6751	-6.27	-2.22	0.71	0.76	0.000	KEN5
208.6498	60.6748	-7.24	-1.11	0.77	0.79	0.000	KEN6
207.8066	57.6177	-14.66	27.31	0.68	0.74	0.000	KOD5
207.8061	57.6176	-14.60	28.36	0.68	0.74	0.000	KOD6
213.3032	61.0563	-20.09	19.72	0.72	0.75	0.000	POT5
213.3026	61.0563	-15.70	26.31	0.69	0.74	0.000	POT6
208.2933	59.4457	-6.78	-1.84	0.69	0.74	0.000	SELD
207.6276	61.2591	-2.17	5.16	0.72	0.76	0.000	SPBG
207.9776	61.2912	-4.59	-0.80	0.69	0.75	0.000	SPCG
207.7908	61.2003	-4.13	-2.34	0.70	0.76	0.000	SPCR
210.2149	61.1797	-15.03	10.45	0.68	0.74	0.000	TBON
210.1050	61.1873	-14.54	9.42	0.68	0.74	0.000	TSEA
210.1759	61.1911	-15.28	10.97	0.68	0.75	0.000	UAAG
210.2198	61.2292	-13.93	9.60	0.68	0.75	0.000	ZAN1