

Table S4: 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 4 (2011.81-2014.87). The units of Ve, Vn, Se, and Sn are all mm/yr.

Longitude	Latitude	Ve	Vn	Se	Sn	Rho	Site
205.3017	59.8993	-6.98	-1.29	0.55	0.63	0.000	AB22
205.8170	56.9506	-15.63	21.26	0.54	0.62	0.000	AC02
208.1355	59.7706	-10.76	4.64	0.53	0.62	0.000	AC03
209.1094	59.7636	-11.98	13.91	0.53	0.62	0.000	AC06
206.3553	58.9288	-10.62	6.43	0.55	0.63	0.000	AC08
210.2760	60.4813	-18.61	23.70	0.54	0.62	0.000	AC15
207.5961	60.6639	-7.85	0.59	0.53	0.62	0.000	AC17
207.7505	58.9260	-9.27	6.28	0.54	0.62	0.000	AC18
210.6475	60.9292	-19.23	19.82	0.54	0.62	0.000	AC20
209.1221	60.4751	-11.61	10.98	0.53	0.62	0.000	AC23
203.3472	58.6816	-8.22	1.01	0.54	0.62	0.000	AC24
205.8497	58.2146	-8.10	8.41	0.54	0.62	0.000	AC26
209.2631	61.4731	-9.35	7.69	0.54	0.62	0.000	AC32
206.7208	57.2200	-18.33	22.33	0.54	0.62	0.000	AC34
209.2067	59.3758	-15.02	19.02	0.53	0.62	0.000	AC35
209.3916	60.9553	-12.35	13.43	0.53	0.62	0.000	AC36
206.1346	60.4397	-6.10	-0.37	0.54	0.62	0.000	AC37
206.6581	57.7537	-14.30	13.04	0.55	0.63	0.000	AC38
207.6059	58.6097	-9.33	5.27	0.53	0.62	0.000	AC39
210.3713	59.5213	-18.19	40.01	0.53	0.62	0.000	AC43
210.4329	61.2422	-16.64	17.39	0.53	0.62	0.000	AC44
205.8190	56.5645	-17.63	29.08	0.54	0.62	0.000	AC45
209.9310	61.7690	-10.81	9.82	0.53	0.62	0.000	AC53
206.4148	59.5672	-8.80	-1.08	0.54	0.62	0.000	AC59
207.5746	57.7907	-14.67	18.05	0.54	0.62	0.000	AC67
212.5970	59.9979	-19.43	50.10	0.53	0.62	0.000	AC79
206.5392	59.3585	-9.19	-0.43	0.54	0.62	0.000	AV01
206.5716	59.3330	-8.94	-0.56	0.54	0.62	0.000	AV02
206.6453	59.3706	-9.23	-0.77	0.54	0.62	0.000	AV11
206.4650	59.3859	-9.04	-0.79	0.54	0.62	0.000	AV16
206.5486	59.4040	-9.51	-0.62	0.54	0.62	0.000	AV17
206.5632	59.3804	-4.10	-0.70	0.54	0.63	0.000	AV18
206.5718	59.3474	-8.88	-0.08	0.54	0.62	0.000	AV20
210.0166	61.1752	-14.66	16.18	0.53	0.62	0.000	ANC2
210.8677	61.5977	-16.79	12.09	0.53	0.62	0.000	ATW2
213.3534	60.2375	-17.65	32.38	0.54	0.62	0.000	CHI5
213.3535	60.2377	-17.67	32.81	0.57	0.65	0.000	CHI6
208.4688	59.6417	-10.61	7.69	0.53	0.62	0.000	HDPW
208.6498	60.6751	-9.89	6.85	0.54	0.62	0.000	KEN5
208.6498	60.6748	-10.45	5.50	0.56	0.63	0.000	KEN6
207.8061	57.6176	-16.35	27.19	0.54	0.62	0.000	KOD6
208.7422	59.7461	-9.95	10.42	0.53	0.62	0.000	MCES
208.7278	59.5727	-10.02	11.49	0.53	0.62	0.000	PBAY
213.3032	61.0563	-17.45	29.57	0.53	0.62	0.000	POT5

213.3026	61.0563	-16.43	28.86	0.53	0.62	0.000	POT6
207.1948	60.5908	-8.08	-1.68	0.54	0.62	0.000	RDJH
207.1564	60.4868	-7.88	-0.04	0.53	0.62	0.000	RDWB
208.2933	59.4457	-10.90	7.65	0.54	0.62	0.000	SELD
207.6276	61.2591	-4.85	3.67	0.55	0.63	0.000	SPBG
207.9776	61.2912	-8.42	1.61	0.56	0.64	0.000	SPCG
207.8445	61.2655	-8.63	1.81	0.54	0.62	0.000	SPCP
207.7908	61.2003	-7.41	2.72	0.53	0.62	0.000	SPCR
210.2149	61.1797	-15.75	16.36	0.53	0.62	0.000	TBON
210.1050	61.1873	-15.49	16.75	0.53	0.62	0.000	TSEA
210.1759	61.1911	-14.76	13.26	0.77	0.81	0.000	UAAG
210.2198	61.2292	-15.19	16.56	0.54	0.62	0.000	ZAN1
209.4486	59.5249	-17.61	19.01	1.11	0.94	0.000	2201
210.9361	60.8931	-10.37	22.91	1.97	1.29	0.000	ALAS
208.3234	59.6737	-13.15	8.54	2.53	1.87	0.000	B86
209.7522	60.4554	-10.63	15.00	2.60	1.97	0.000	BEAR
211.4632	61.7647	1.14	11.76	3.00	2.30	0.000	CKLN
210.2791	60.3830	-19.37	24.35	1.36	1.18	0.000	CPLK
210.2545	60.4894	-23.43	15.80	1.33	1.12	0.000	CPR
210.5121	60.6540	-17.02	25.15	2.74	2.12	0.000	DAHL
206.8262	59.6773	-11.02	-0.89	1.21	0.95	0.000	DRYB
208.0061	58.9128	-11.57	9.94	2.97	1.78	0.000	EAMA
208.0873	59.3605	-10.11	1.86	1.82	1.43	0.000	EBAY
210.1176	61.5247	-6.71	12.17	1.83	1.60	0.000	FSHL
210.4185	60.5644	-20.25	23.54	2.60	1.66	0.000	GRAV
208.5085	59.6390	-9.23	9.50	1.49	1.20	0.000	HOMA
210.9521	60.8415	-19.86	25.79	1.42	1.17	0.000	INCK
210.2544	61.0207	-15.14	16.78	1.31	1.00	0.000	ISLZ
210.3564	60.1830	-15.51	33.02	1.59	1.09	0.000	JANE
206.1135	59.8957	-8.29	-3.78	1.55	1.17	0.000	KNUT
210.9440	61.6756	-20.06	15.55	1.62	1.26	0.000	MOS2
209.5173	60.7352	-10.26	12.76	2.34	1.60	0.000	MPEN
208.2842	60.0085	-9.35	5.77	1.04	0.91	0.000	NINI
210.1003	59.7484	-6.98	30.45	1.79	1.17	0.000	NWP
209.9359	60.4870	-20.45	22.15	1.34	1.13	0.000	POPL
211.9106	61.8046	-13.81	22.26	1.40	1.22	0.000	PURI
210.6041	61.5424	-12.83	14.57	1.72	1.47	0.000	REED
210.5928	59.8652	-20.68	40.84	1.18	1.04	0.000	RGGI
209.2686	60.5297	-15.26	11.59	2.49	1.78	0.000	S79R
208.9478	60.4752	-13.60	9.85	2.18	1.70	0.000	SXQC
208.9583	60.4759	-12.99	8.29	1.31	1.11	0.000	SXQD
210.5797	60.5015	-17.04	30.21	2.16	1.83	0.000	TRLK
210.4567	60.9305	-18.15	18.08	1.35	1.19	0.000	TURN
210.5576	60.0985	-18.30	36.30	1.37	1.05	0.000	UAMF
209.9674	59.7901	-13.31	29.58	1.24	1.00	0.000	UNF
208.7560	60.3317	-16.79	-1.85	2.73	2.05	0.000	W81
210.6098	59.9868	-27.83	36.54	2.02	1.33	0.000	WLKR
208.3807	60.0808	-13.72	12.61	3.00	2.09	0.000	Z82