Tables

Table 1. Absolute gravity and GPS station locations, rates, and standard errors.

Site	Lat.	Lon.	g	σg	Tg	GPS	Vu05	σu	Vu00	TGPS
	°	°	μGal yr^{-1}		yr			mm yr^{-1}		yr
Churchill, MB	58.762	-94.086	-1.75	0.09	21.7	CHUR	10.25	0.06	9.18	12.5
Flin Flon, MB	54.725	-101.978	-0.28	0.25	15.4	FLIN	2.10	0.07	1.11	12.6
Pinawa, MB	50.259	-95.865	-0.09	0.16	16.2	DUBO	0.08	0.06	-0.84	12.2
International Falls, MN	48.585	-93.162	-0.10	0.13	21.9	[a]	0.32	0.12	-0.63	-
Wausau, WI	44.920	-89.680	0.15	0.20	16.2	[a]	-0.91	0.12	-1.82	-
Iowa City, IA	41.658	-91.543	0.51	0.18	14.0	NLIB	-1.47	0.08	-2.23	12.9
Saskatoon, SK	52.195	-106.399	1.25	0.30	10.0	SASK	-0.82	0.09	-1.75	5.7
Priddis, AB	50.871	-114.293	-0.27	0.32	9.0	PRDS	0.01	0.05	-0.89	11.3

g and σg: Absolute gravity rate and standard error. Tg: length of absolute gravity time series. GPS: Collocated GPS station code. Vu05 and σu: Vertical velocity and standard error in ITRF2005. Vu00: Vertical velocity in ITRF2000. TGPS: length of GPS time series. a: No collocated GPS station; uplift rates derived from interpolation of nearby GPS stations (cf. text). NLIB GPS station located 13 km north of absolute gravity station.

Table 2. Comparison between GRACE gravity trends and velocity-corrected surface absolute-g trends at eight sites in the North American mid-continent.

Site	Absolute Gravity (μGal yr^{-1})		GRACE (μGal yr^{-1})	
	dg/dt	σ_g	dg/dt	σ_g
Churchill, MB	1.41	0.09	1.63	0.07
Flin Flon, MB	0.37	0. 25	1.45	0.07
Pinawa, MB	-0.07	0.16	0.96	0.08
Int. Falls, MN	0.00	0.13	0.51	0.08
Wausau, WI	-0.13	0.20	0.27	0.08
Iowa City, IA	0.05	0.19	0.49	0.08
Saskatoon, SK	0.99	0.30	1.21	0.08
Priddis, AB	-0.27	0.32	0.44	0.10