

**Glaciological Data Collected by the 48th–54th Japanese
Antarctic Research Expeditions during 2007–2013**

Hideaki MOTOYAMA^{1,2*}, Teruo FURUKAWA^{1,2}, Shuji FUJITA^{1,2}, Kunio SHINBORI³, Yoichi TANAKA¹, Yuansheng LI⁴, Ji-woong CHUNG⁵, Fumio NAKAZAWA¹, Kotaro FUKUI⁶, Hiroyuki ENOMOTO^{7,1,2}, Shin SUGIYAMA⁵, Hitoshi ASANO⁸, Yasuo TAKEDA¹, Motohiro HIRABAYASHI¹, Daisuke NISHIMURA³, Takuya MASUNAGA¹, Takayuki KURAMOTO¹, Takuro KOBASHI¹, Ryo KUSAKA⁷, Takeshi KINASE⁹, Chusaku IKEDA¹, Toshitaka SUZUKI¹⁰, Hiroshi OHNO^{1,7}, Yu HOSHINA¹¹, Yukiko HAYAKAWA¹, and Takao KAMEDA⁷

¹ National Institute of Polar Research, Research Organization of Information and Systems,
10–3, Midori-cho, Tachikawa, Tokyo 190-8518.

² Department of Polar Science, School of Multidisciplinary Sciences, SOKENDAI (The Graduate
University for Advanced Studies), 10–3, Midori-cho, Tachikawa, Tokyo 190-8518.

³ Institute of Low Temperature Science, Hokkaido University, Kita-19, Nishi-8, Kita-ku,
Sapporo, 060-0819.

⁴ Polar Research Institute of China, 451, Jinqiao Road, Shanghai, 200136, China.

⁵ Korea Polar Research Institute, 26, SongdoMirae-ro, Yeonsu-Gu, Incheon 406-840, Korea.

⁶ Tateyama Caldera Sabo Museum, 68 Ashikuraji-bunazaka, Tateyama-machi, Toyama 930-1405.

⁷ Kitami Institute of Technology, 165 Koen-cho, Kitami, Hokkaido 090-8507.

⁸ Tokyo University of Science, Yamaguchi, 1–1–1 Daigaku-Dori, Sanyo-Onoda-shi,
Yamaguchi 756-0884.

⁹ Ibaraki University, 2–1–1, Bunkyo, Mito, 310-8512.

¹⁰ Yamagata University, 1–4–12 Kojirakawa-machi, Yamagata-shi, 990-8560.

¹¹ Nagoya University, Furo-cho, Chikusa-ku, Nagoya, 464-8601.

*Corresponding author. E-mail: motoyama@nipr.ac.jp

1. Outline of field observations during 2007–2013

Observations of surface snow accumulation on the East Antarctic ice sheet have been conducted as part of a monitoring program for assessing the surface mass balance of the ice sheet. Since 1992,

Japanese Antarctic Research Expedition (JARE) members have measured surface snow accumulation during traverse surveys between coastal point S16 and the inland Dome Fuji region. Motoyama *et al.* (2008) reported on the glaciological data collected by the 45th, 46th, and 47th JARE surveys during 2004–2007. A new, relatively flat route between Mizuho Station and Relay Point was established during the 51st JARE survey in 2010 (Fig. 1).

The observational data collected during 2007–2013 by the 48th through 54th JARE surveys are reported here. Snow accumulation data near the coast collected intermittently during these years are also included. Tables 1-1, 1-2, 1-3, and 1-4 summarize the dates of the overland traverses and observations carried out during this period.

2. Net snow accumulation measured by the stake method

Net accumulation of snow was measured by the stake method along the traverse routes during 2007-2013 (Fig. 1).

2.1. Route S-H-Z (Mizuho route)

Stake heights along the S-H-Z route, between point S16 and the Mizuho Station, were measured 11 times from January 2007 to October 2013. The height differences, which approximate the net balance of snow during the observation intervals, are tabulated in Table 2-1. Minimum readings were 1.0 cm. Recent stake positions measured with a handheld global positioning system (GPS) unit are shown in the same table. The coordinate system used was WGS-84.

2.2. Route MD (Dome Fuji route)

Stake heights along the route from Mizuho Station (IM0) to MD738 to point DF80, just beyond Dome Fuji Station, were measured five times from January 2007 to January 2013. All data along the route are shown in Table 2-2. Minimum readings were 1.0 cm. Recent stake positions measured with a handheld GPS unit are shown in the same table. The coordinate system used was WGS-84.

2.3. Route NMD (New Mizuho-Relay route)

Stake heights along the route from Mizuho Station (IM0) to Relay Point (MD364) were measured three times from December 2009 to December 2012. All data along the route are shown in Table 2-3. Minimum readings were 1.0 cm. Recent stake positions measured with a handheld GPS unit are shown in the same table. The coordinate system used was WGS-84.

2.4. Setup of stake farms and stake rows

Stake farms consisting of 36 stakes, separated by 20 m in an orthogonal array covering 100 m × 100 m (Fig. 2), were set up at points S16, H68, H180, S122, and Z40 along the Mizuho route and at Dome Fuji Station. Stake heights of these farms were measured several times from 2007 to 2013. The results for S16, H68, H180, S122, Z40, and Dome Fuji Station are shown in Tables 2-4, 2-5, 2-6, 2-7, 2-8, and 2-9, respectively. The tables include the averages and standard deviations for the net accumulation of snow during each period. Because some of the stakes were too short, we set up new and longer stakes near the old ones during the survey.

A 100-m row consisting of 101 evenly spaced stakes at Mizuho Station was measured 10 times from January 2007 to October 2013. The results of the measurements are given in Table 2-10. The stake numbers are shown in Fig. 3. Again, some of the stakes were too short, so we set up new and longer stakes near the old ones during the survey.

Four 100-m rows consisting of 50 evenly spaced stakes at points MD180, MD364, MD560, and DF80 were measured five times from January 2007 to January 2013. These stake rows are perpendicular to the prevailing wind direction (Fig. 4). The results are shown in Tables 2-11, 2-12, 2-13, and 2-14.

Recent stake positions measured with a handheld GPS unit are shown in Table 2-15. The coordinate system used was WGS-84.

3. Snow accumulation near the coast

Stake heights along the route near the coast between Tottsuki and S16 were measured several times a year. However, snow accumulation data were few in this region because the snow stakes were

damaged by strong winds, glacier flow, and surface ice melt. The height differences, which approximate the net balance of snow during the observation intervals, are tabulated in Table 3. Minimum readings were 1.0 cm. Recent stake positions measured with a handheld GPS unit are shown in the same table. The coordinate system used was WGS-84.

4. Digital data archive

All digital data will be archived and available from the online Science Database of the National Institute of Polar Research (http://scidbase.nipr.ac.jp/?ml_lang=en).

Inquiries about details of the data records should be addressed to the following scientist:

Hideaki Motoyama

National Institute of Polar Research

Email: motoyama@nipr.ac.jp

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References

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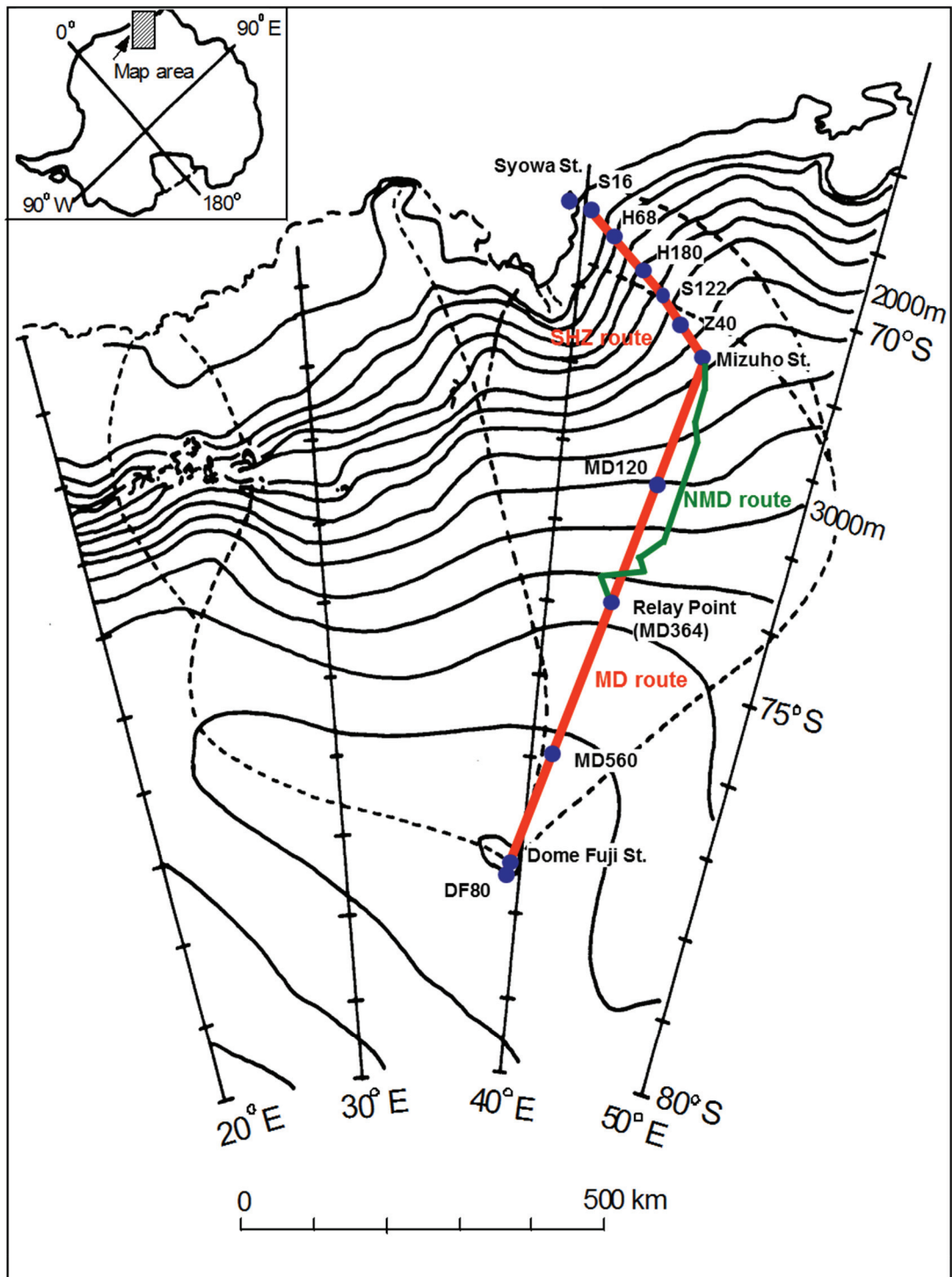


Fig. 1. Location map of the inland traverse routes.

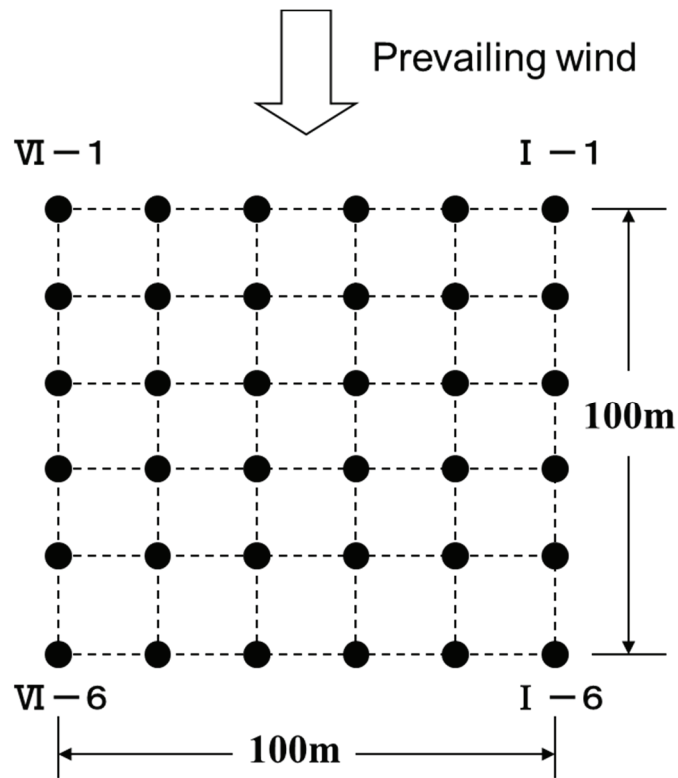


Fig. 2. Arrangement and nomenclature scheme of 36-stake farms at points S16, H68, H180, S122, Z40 and Dome Fuji Station.

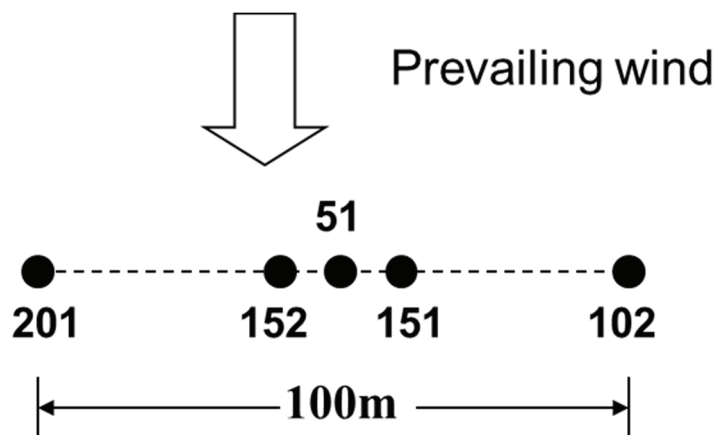


Fig. 3. Arrangement and nomenclature scheme of 101-stake row at Mizuho Station.

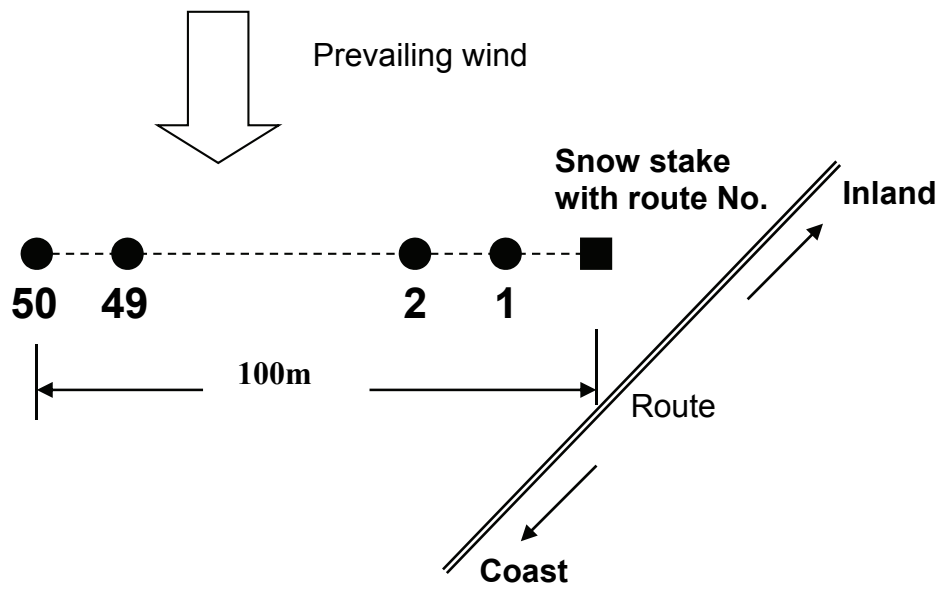


Fig. 4. Arrangement and nomenclature scheme of 50-stake rows at points MD180, MD364, MD560, and DF80.

Table 1-1. Dates of observations along the S16 - Mizuho Station - Dome Fuji Station route.

S16 - Mizuho Station		Mizuho Station - Dome Fuji Station	
Obs. Date	Obs. Period	Obs. Date	Obs. Period
28-31 Jan. 2007	(days) 358-360	18-28 Jan. 2007	(days) 357-358
21-26 Jan. 2008	259-260	10-21 Jan. 2008	743-745
6-12 Oct. 2008	373-380	22 Jan. - 4 Feb. 2010	368-369
14-27 Oct. 2009	106-114	26 Jan. - 7 Feb. 2011	721-722
5-10 Feb. 2010	227-244	16-29 Jan. 2013	
20 Sep. - 12 Oct. 2010	123-140		
7-12 Feb. 2011	240-241		
5-11 Oct. 2011	368-370		
7-15 Oct. 2012	112-114		
29 Jan. - 4 Feb. 2013	245-246		
2-7 Oct. 2013			

Table 1-2. Dates of observations along the new Mizuho Station - Relay Point route (NMD route).

NMD	
Obs. Date	Obs. Period
26 Dec. 2009 - 3 Jan. 2010	(days) 369
30 Dec. 2010 - 7 Jan. 2011	699-701
28 Nov. 2012 - 8 Dec. 2012	

Table 1-3. Dates of observations at the 36-stake farms.

S16		H68		H180		S122		Z40		Dome Fuji Station	
Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period
1 Feb. 2007	(days) 359	30 Jan. 2007	359	29 Jan. 2007	359	29 Jan. 2007	619	28 Jan. 2007	359	9 Jan. 2007	364
26 Jan. 2008	254	24 Jan. 2008	257	23 Jan. 2008	259	9 Oct. 2008	485	22 Jan. 2008	262	8 Jan. 2008	736
6 Oct. 2008	109	7 Oct. 2008	489	8 Oct. 2008	488	6 Feb. 2010	231	10 Oct. 2008	483	13 Jan. 2010	370
23 Jan. 2009	335	8 Feb. 2010	227	8 Feb. 2010	228	25 Sep. 2010	94	5 Feb. 2010	233	18 Jan. 2011	724
24 Dec. 2009	134	23 Sep. 2010	95	24 Sep. 2010	94	28 Dec. 2010	285	26 Sep. 2010	94	11 Jan. 2013	
7. May 2010	212	27 Dec. 2010	283	27 Dec. 2010	285	9 Oct. 2011	369	29 Dec. 2010	285		
5 Dec. 2010	21	6 Oct. 2011	370	8 Oct. 2011	369	12 Oct. 2012	110	10 Oct. 2011	370		
26 Dec. 2010	282	10 Oct. 2012	113	11 Oct. 2012	111	30 Jan. 2013	248	14 Oct. 2012	107		
4 Oct. 2011	344	31 Jan. 2013	244	30 Jan. 2013	247	5 Oct. 2013		29 Jan. 2013	250		
12 Sep. 2012	145	2 Oct. 2013		4 Oct. 2013				6 Oct. 2013			
4 Feb. 2013	240										
2 Oct. 2013											

Table 1-4. Dates of observations at the 101-stake and 50-stake rows.

Mizuho St.		MD180		MD364		MD560		DF80	
Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period	Obs. Date	Obs. Period
28 Jan. 2007	358	26 Jan.2007	357	24 Jan.2007	356	20 Jan.2007	357	14 Jan.2007	360
21 Jan. 2008	265	18 Jan. 2008	746	15 Jan. 2008	745	12 Jan. 2008	746	9 Jan. 2008	744
12 Oct. 2008	480	2 Feb. 2010	368	29 Jan. 2010	343	27 Jan. 2010	348	22 Jan. 2010	369
4 Feb. 2010	237	5 Feb. 2011	721	7 Jan. 2011	745	10 Jan. 2011	739	26 Jan. 2011	714
29 Sep. 2010	92	26 Jan. 2013		21 Jan. 2013		18 Jan. 2013		9 Jan. 2013	
30 Dec. 2010	286								
12 Oct. 2011	369								
15 Oct. 2012	106								
29 Jan. 2013	254								
10 Oct. 2013									

Table 2-1. Net snow accumulation (cm) along Route S-H-Z (Mizuho route) in 2007–2013. (1/6)

	28 Jan. 2007 -31 Jan. 2007 (358 to 360 days)	21 Jan. 2008 -26 Jan. 2008 (259 to 260 days)	6 Oct. 2008 -12 Oct. 2008 (373 to 380 days)	14 Oct. 2009 -27 Oct. 2009 (106 to 114 days)	5 Feb. 2010 -10 Feb. 2010 (227 to 244 days)	20 Sep. 2010 -12 Oct. 2010 (123 to 140 days)	7 Feb. 2011 - 12 Feb. 2011 (240 to 241 days)	5 Oct. 2011
S16	-19	-3	22	11	-	-	-	
S17	96	144	72	5	21	14	69	
S18	37	72	108	-2	77	-1	87	
S19	33	111	42	18	48	10	82	
S20	41	49	119	13	41	41		
S21	14	86	139	13	60	41	90	
S22	19	31	61	16	29	5	78	
S23	77	87		4	77	45	107	
S24	33	14	89	15	32	21	67	
S25	65	48	95	18	60	55	110	
S26	38	66	75	13	35	21	94	
S27	79	51	69	4	47	8	101	
S28	28	30	83	-2	51	22	81	
S29	-8	65	83	6	81	7	100	
S30	60	67	92	7	67	12	104	
H3	50	60	84	4	61	23	87	
H9	47	33	41	11	47	9	87	
H15	61	60	94	24	54	8	98	
H21	26	33	70	11	31	12	71	
H27	36	45	103	-6	47	16	90	
H35	44	49	78	8	42	23	86	
H42	37	36	39	9	37	4	61	
H48	36	59	73	-11	40	24	66	
H54	38	105	-14	14	26	26	62	
H60	22	62	79	10	32	47	81	
H64	24	29	57	7	36	16	85	
H68	-1	29	7	0	8	17	30	
H72	28	75	99	13	44	33	73	
H76	32	15	56	6	31	6	69	
H80	31	28	8	1	34	13	37	
H84	11	53	55	-2	30	11	64	
H88	29	73	61	5	45	20	65	
H92	30	57	53	-4	43	8	49	
H96	63	45	65	12	49	6	73	
H100	14	34	66	-3	25	19	70	
H104	2	31	-4	43	19	16	37	
H108	18	35	62	-9	20	9	59	
H112	30	42	58	2	26	12	33	
H116	7	41	33	2	24	10	42	
H120	10	42	41	5	21	-3	55	
H124	27	27	29	-3	10	21	31	
H128	18	38	34	-1	35	7	44	

Table 2-1. Continued. (2/6)

					recent position (WGS-84)		
	5 Oct. 2011	7 Oct. 2012	29 Jan. 2013	2 Oct. 2013	Latitude	Longitude	Altitude (m a.s.l.)
	- 11 Oct. 2011 (368 to 370 days)	- 15 Oct. 2012 (112 to 114 days)	- 4 Feb. 2013 (245 to 246 days)	- 7 Oct. 2013			
S16		-1	21		S 69 °	1.761 ' E 40 °	3.010 ' 560
S17	40	-22	60		S 69 °	1.445 ' E 40 °	5.915 ' 595
S18	59	-49	96		S 69 °	1.262 ' E 40 °	6.971 ' 602
S19	45	-4	73		S 69 °	0.445 ' E 40 °	8.334 ' 582
S20	44	-36	62		S 69 °	0.772 ' E 40 °	11.277 ' 625
S21	64	-15	83		S 69 °	1.289 ' E 40 °	14.788 ' 682
S22	65	-17	69		S 69 °	1.432 ' E 40 °	17.917 ' 738
S23	52	-19	67		S 69 °	1.558 ' E 40 °	21.276 ' 775
S24	51	-20	44		S 69 °	1.680 ' E 40 °	24.126 ' 816
S25	56	-24	79		S 69 °	1.889 ' E 40 °	27.060 ' 858
S26	64	-7	39		S 69 °	2.087 ' E 40 °	29.916 ' 891
S27	59	-19	70		S 69 °	2.271 ' E 40 °	32.821 ' 918
S28	56	-13	65		S 69 °	2.577 ' E 40 °	35.574 ' 946
S29	82	-4	44		S 69 °	2.670 ' E 40 °	38.435 ' 966
S30	58	-13	56		S 69 °	2.908 ' E 40 °	41.277 ' 992
H3	64	-18	76		S 69 °	3.486 ' E 40 °	42.873 ' 1008
H9	65	-18	46		S 69 °	4.169 ' E 40 °	44.717 ' 1029
H15	72	-21	45		S 69 °	4.821 ' E 40 °	46.448 ' 1021
H21	53	-10	42		S 69 °	5.495 ' E 40 °	48.242 ' 1047
H27	51	-21	43		S 69 °	6.169 ' E 40 °	50.007 ' 1067
H35	48	-15	49		S 69 °	7.064 ' E 40 °	52.376 ' 1087
H42	52	-14	37		S 69 °	7.844 ' E 40 °	54.418 ' 1102
H48	46	-15	31		S 69 °	8.537 ' E 40 °	56.191 ' 1126
H54	34	-13	54		S 69 °	9.249 ' E 40 °	57.996 ' 1133
H60	42	-16	63		S 69 °	9.939 ' E 40 °	59.670 ' 1141
H64	18	-3	40		S 69 °	10.652 ' E 41 °	1.396 ' 1159
H68	27	-10	25		S 69 °	11.447 ' E 41 °	3.316 ' 1173
H72	64	-4	73		S 69 °	12.243 ' E 41 °	5.213 ' 1189
H76	52	-18	48		S 69 °	13.032 ' E 41 °	6.970 ' 1215
H80	46	-20	38		S 69 °	13.855 ' E 41 °	8.699 ' 1227
H84	44	-11	31		S 69 °	14.575 ' E 41 °	10.718 ' 1257
H88	41	-4	36		S 69 °	15.220 ' E 41 °	12.925 ' 1265
H92	42	-8	35		S 69 °	15.974 ' E 41 °	15.110 ' 1264
H96	45	-21	26		S 69 °	16.853 ' E 41 °	17.032 ' 1270
H100	48	-10	30		S 69 °	17.709 ' E 41 °	19.075 ' 1282
H104	60	-14	29		S 69 °	18.562 ' E 41 °	21.230 ' 1318
H108	49	9	37		S 69 °	19.358 ' E 41 °	23.516 ' 1324
H112	30	-4	24		S 69 °	20.150 ' E 41 °	25.785 ' 1323
H116	53	-13	35		S 69 °	21.005 ' E 41 °	27.827 ' 1345
H120	37	-15	40		S 69 °	21.821 ' E 41 °	30.038 ' 1355
H124	54	-15	23		S 69 °	22.644 ' E 41 °	32.218 ' 1369
H128	69	-11	28		S 69 °	23.584 ' E 41 °	33.712 ' 1377

Table 2-1. Continued. (3/6)

	28 Jan. 2007 -31 Jan. 2007 (358 to 360 days)	21 Jan. 2008 -26 Jan. 2008 (259 to 260 days)	6 Oct. 2008 -12 Oct. 2008 (373 to 380 days)	14 Oct. 2009 -27 Oct. 2009 (106 to 114 days)	5 Feb. 2010 -10 Feb. 2010 (227 to 244 days)	20 Sep. 2010 -12 Oct. 2010 (123 to 140 days)	7 Feb. 2011 - 12 Feb. 2011 (240 to 241 days)	5 Oct. 2011
H132	17	34	83	-1	19	7	69	
H136	18	35	63	-1	19	17	40	
H140	22	20	60	7	35	-8	72	
H144	26	38	48	2	29	12	39	
H148	21	29	54	-7	18	14	46	
H152	17	27	37	-6	31	23	12	
H156	21	13	32	0	15	-3	23	
H160	33	34	18	8	16	19	32	
H164	22	52	60	-4	43	0	45	
H168	23	35	69	5	17	19	54	
H172	19	15	47	9	1	10	38	
H176	13	21	64	-3	21	9	41	
H180	26	23	27	0	43	-15	22	
H184	44	11	40	0	23	3	49	
H188	11	18	26	1	22	-10	42	
H192	29	23	31	9	17	-2	45	
H196	39	35	54	-9	27	16	41	
H200	17	29	40	0	13	-4	41	
H204	14	51	-7	-4	25	13	36	
H208	13	25	32	-7	33	-10	38	
H212	48	23		-3	19	6	43	
H216	15	19	39	-7	46	-15	22	
H220	23	26	45	-4	20	2	38	
H224	31	13	12	6	27	0	40	
H228	7	38	18	-5	32	-5	35	
H232	12	37	27	-7	19	31	20	
H236	20	25	30	-	-	26	15	
H240	32	28	44	-7	27	-7	43	
H244	6	19	31	-1	17	11	28	
H248	4	27	23	3	37	-13	30	
H252	16	12	28	-1	19	-4	30	
H256	24	44	37	-8	22	3	42	
H260	55	17	22	10	33	-10	64	
H264	23	28	38	-6	26	-3	66	
H268	21	40	37	-5	44	45	5	
H272	19	32	47	-14	45	-8	55	
H276	47	21	27	-7	30	2	39	
H280	52	16	32	2	45	0	55	
H284	48	4	24	-5	20	5	61	
H288	26	6	15	3	29	-16	19	
H293	-1	4	22	-5	11	-15	53	
H297	10	40	9	-22	3	-3	15	
H301	26	13	15	-2	34	2	32	
S122	-2	31	2	-3	33	-9	18	
Z2	12	14	12	-11	6	-5	28	

Table 2-1. Continued. (4/6)

					recent position (WGS-84)				
	5 Oct. 2011	7 Oct. 2012	29 Jan. 2013	2 Oct. 2013	Latitude	Longitude	Altitude (m a.s.l.)		
	- 11 Oct. 2011 (368 to 370 days)	- 15 Oct. 2012 (112 to 114 days)	- 4 Feb. 2013 (245 to 246 days)	- 7 Oct. 2013					
H132	55	-9	40		S 69 °	24.538 '	E 41 °	35.471 '	1386
H136	45	-10	28		S 69 °	25.491 '	E 41 °	37.130 '	1388
H140	47	-11	23		S 69 °	26.478 '	E 41 °	38.676 '	1400
H144	44	-9	24		S 69 °	27.412 '	E 41 °	40.429 '	1410
H148	18	2	32		S 69 °	28.315 '	E 41 °	42.367 '	1432
H152	22	-6	28		S 69 °	29.191 '	E 41 °	44.448 '	1450
H156	19	-18	35		S 69 °	30.037 '	E 41 °	46.603 '	1468
H160	31	-13	35		S 69 °	30.902 '	E 41 °	48.785 '	1495
H164	50	-2	33		S 69 °	31.765 '	E 41 °	50.909 '	1496
H168	34	-10	24		S 69 °	32.584 '	E 41 °	53.131 '	1507
H172	28	-13	18		S 69 °	33.502 '	E 41 °	55.999 '	1525
H176	36	-14	26		S 69 °	34.372 '	E 41 °	57.111 '	1552
H180	25	-9	57		S 69 °	35.118 '	E 41 °	59.605 '	1542
H184	36	6	34		S 69 °	35.991 '	E 42 °	1.528 '	1546
H188	20	-5	26		S 69 °	36.880 '	E 42 °	3.586 '	1554
H192	57	-15	30		S 69 °	37.731 '	E 42 °	5.726 '	1559
H196	59	-10	42		S 69 °	38.607 '	E 42 °	7.797 '	1563
H200	26	-21	21		S 69 °	39.540 '	E 42 °	9.681 '	1576
H204	31	-4	27		S 69 °	40.403 '	E 42 °	11.774 '	1589
H208	35	-17	39		S 69 °	41.278 '	E 42 °	13.861 '	1602
H212	33	-3	37		S 69 °	42.144 '	E 42 °	15.941 '	1609
H216	50	-8	23		S 69 °	42.913 '	E 42 °	18.295 '	1624
H220	32	-4	28		S 69 °	43.736 '	E 42 °	20.557 '	1633
H224	27	2	22		S 69 °	44.600 '	E 42 °	22.638 '	1646
H228	60	-14	33		S 69 °	45.569 '	E 42 °	24.551 '	1660
H232	43	-12	20		S 69 °	46.473 '	E 42 °	26.518 '	1670
H236	37	-10	19		S 69 °	47.393 '	E 42 °	28.473 '	1679
H240	45	-8	36		S 69 °	48.275 '	E 42 °	30.558 '	1690
H244	32	-6	38		S 69 °	49.164 '	E 42 °	32.256 '	1692
H248	35	-9	44		S 69 °	50.041 '	E 42 °	34.312 '	1721
H252	16	-10	69		S 69 °	50.894 '	E 42 °	36.479 '	1737
H256	58	-17	44		S 69 °	51.622 '	E 42 °	39.017 '	1745
H260	33	3	18		S 69 °	52.436 '	E 42 °	41.294 '	1753
H264	43	-7	31		S 69 °	53.233 '	E 42 °	46.664 '	1763
H268	57	11	10		S 69 °	54.094 '	E 42 °	45.778 '	1774
H272	53	-5	51		S 69 °	54.978 '	E 42 °	47.971 '	1789
H276	59	-13	23		S 69 °	55.762 '	E 42 °	50.235 '	1804
H280	72	2	-2		S 69 °	56.603 '	E 42 °	52.426 '	1811
H284	23	-1	-1		S 69 °	57.585 '	E 42 °	54.113 '	1828
H288	36	-15	24		S 69 °	58.605 '	E 42 °	55.626 '	1851
H293	25	2	12		S 69 °	59.516 '	E 42 °	58.598 '	1872
H297	25	-13	72		S 70 °	0.137 '	E 43 °	1.418 '	1890
H301	36	-8	4		S 70 °	0.652 '	E 43 °	4.414 '	1901
S122	8	-12	2		S 70 °	1.234 '	E 43 °	7.419 '	1913
Z2	3	-14	21		S 70 °	2.124 '	E 43 °	9.106 '	1924

Table 2-1. Continued. (5/6)

	28 Jan. 2007 -31 Jan. 2007 (358 to 360 days)	21 Jan. 2008 -26 Jan. 2008 (259 to 260 days)	6 Oct. 2008 -12 Oct. 2008 (373 to 380 days)	14 Oct. 2009 -27 Oct. 2009 (106 to 114 days)	5 Feb. 2010 -10 Feb. 2010 (227 to 244 days)	20 Sep. 2010 -12 Oct. 2010 (123 to 140 days)	7 Feb. 2011 - 12 Feb. 2011 (240 to 241 days)	5 Oct. 2011
Z4	-2	3	15	-7	1	-1	7	
Z6	10	-6	1	-10	9	18	9	
Z8	13	0	18	-5	20	-2	49	
Z10	21	16	25	0	-1	5	49	
Z12	13	17	10	-5	32	14	15	
Z14	78	15	67	-7	38	13	76	
Z16	32	18	18	11	11	-3	53	
Z18	-1	1	19	-11	19	-5	29	
Z20	27	12	12	-2	14	11	9	
Z22	21	37	53	-9	51	3	38	
Z24	12	23	14	-4	20	7	28	
Z26	10	7	1	-2	1	15	-8	
Z28	4	0	8	0	-1	-4	10	
Z30	10	12	-5	-1	11	9	21	
Z32	5	2	15	-7	4	14	1	
Z34		-2	19	-2	4	17	13	
Z36	-1	11	27	-1	6	-6	27	
Z38	-2	8	23	-9	0	-2	9	
Z40	0	-4	23	-8	1	-6	-1	
Z42	0	15	23	4	11	-9	55	
Z46	4	10	3	-3	-4	2	-6	
Z50	23	16	47	-8	21	20	37	
Z54	-2	19	-17	40	-5	49	16	
Z58	30	-1	15	-3	0	-5	13	
Z62	23	6	12	-5	27	2	36	
Z66	-1	-1	12	10	0	-3	46	
Z70	2	3	-1	12	15	16	-1	
Z72	15	27	-1	6	-5	0	52	
Z74	3	2	-1	-4	9	-10	29	
Z76	3	-1	14	-2	18	3	11	
Z78	29	18	37	-5	32	0	47	
Z80	9	0	8	-3	9	-6	5	
Z82	24	10	44	4	29	8	6	
Z84	20	23	32	4	0	55	17	
Z86	32	15	27	11	68	-7	13	
Z88	33	16	27	8	47	-15	12	
Z90	23	12	30	-3	-1	2	50	
Z92	-2	12	12	18	-1	0	23	
Z94	11	9	40	-8	0	-5	48	
Z96	-1	16	47	-4	5	3	36	
Z98	17	0	9	27	-14	-1	0	
Z100	18	34	27	5	16	12	51	
Z102	-3	1	-1	3	35	13	19	

Table 2-1. Continued. (6/6)

					recent position (WGS-84)				
	5 Oct. 2011	7 Oct. 2012	29 Jan. 2013	2 Oct. 2013	Latitude	Longitude	Altitude (m a.s.l.)		
	- 11 Oct. 2011 (368 to 370 days)	- 15 Oct. 2012 (112 to 114 days)	- 4 Feb. 2013 (245 to 246 days)	- 7 Oct. 2013					
Z4	15	-13	0		S 70 °	2.968 '	E 43 °	10.909 '	1945
Z6	1	-13	5		S 70 °	3.830 '	E 43 °	12.698 '	1963
Z8	-7	-7	17		S 70 °	4.707 '	E 43 °	14.472 '	1972
Z10	9	-4	13		S 70 °	5.559 '	E 43 °	16.249 '	1973
Z12	14	1	4		S 70 °	6.483 '	E 43 °	17.891 '	1986
Z14	24	-10	27		S 70 °	7.382 '	E 43 °	19.538 '	1981
Z16	4	-11	30		S 70 °	8.261 '	E 43 °	21.132 '	1989
Z18	1	-7	9		S 70 °	9.174 '	E 43 °	22.726 '	2003
Z20	18	-7	66		S 70 °	10.108 '	E 43 °	24.100 '	2020
Z22	31	-1	45		S 70 °	11.038 '	E 43 °	25.412 '	2022
Z24	42	-17	19		S 70 °	11.994 '	E 43 °	26.834 '	2032
Z26	31	-10	-1		S 70 °	12.907 '	E 43 °	28.299 '	2051
Z28	23	-1	16		S 70 °	13.791 '	E 43 °	29.889 '	2067
Z30	9	-11	20		S 70 °	14.675 '	E 43 °	31.498 '	2092
Z32	10	-14	16		S 70 °	15.575 '	E 43 °	33.032 '	2060
Z34	-2	-7	7		S 70 °	16.473 '	E 43 °	34.440 '	2068
Z36	42	-8	52		S 70 °	17.378 '	E 43 °	35.918 '	2075
Z38	-4	-6	0		S 70 °	18.312 '	E 43 °	37.457 '	2079
Z40	33	-23	1		S 70 °	19.189 '	E 43 °	38.997 '	2094
Z42	-3	-5	-1		S 70 °	20.083 '	E 43 °	40.554 '	2093
Z46	14	-8	8		S 70 °	21.181 '	E 43 °	42.540 '	2106
Z50	33	4	8		S 70 °	22.075 '	E 43 °	44.033 '	2099
Z54	-13	-10	37		S 70 °	22.925 '	E 43 °	45.526 '	2099
Z58	81	-14	2		S 70 °	23.851 '	E 43 °	47.016 '	2106
Z62	8	-13	8		S 70 °	24.737 '	E 43 °	48.520 '	2113
Z66	22	-11	-1		S 70 °	25.613 '	E 43 °	50.069 '	2122
Z70	27	-5	29		S 70 °	26.521 '	E 43 °	51.709 '	2136
Z72	24	-12	12		S 70 °	27.408 '	E 43 °	53.288 '	2138
Z74	5	-7	8		S 70 °	28.311 '	E 43 °	54.891 '	2157
Z76	11	-4	14		S 70 °	29.180 '	E 43 °	56.539 '	2161
Z78	50	-14	18		S 70 °	30.025 '	E 43 °	58.309 '	2154
Z80	-4	16	1		S 70 °	30.893 '	E 43 °	59.984 '	2167
Z82	9	-1	28		S 70 °	31.750 '	E 44 °	1.745 '	2170
Z84	20	-5	21		S 70 °	32.670 '	E 44 °	3.377 '	2170
Z86	41	-4	26		S 70 °	33.604 '	E 44 °	4.940 '	2162
Z88	22	-3	8		S 70 °	34.501 '	E 44 °	6.121 '	2165
Z90	26	-17	38		S 70 °	35.427 '	E 44 °	7.113 '	2176
Z92	21	-10	5		S 70 °	36.347 '	E 44 °	8.430 '	2181
Z94	2	-3	22		S 70 °	37.256 '	E 44 °	9.728 '	2188
Z96	20	-13	8		S 70 °	38.200 '	E 44 °	11.107 '	2191
Z98	3	-7	9		S 70 °	39.148 '	E 44 °	12.173 '	2198
Z100	15	1	89		S 70 °	40.069 '	E 44 °	13.410 '	2199
Z102	13	-3	58		S 70 °	41.016 '	E 44 °	14.653 '	2198

Table 2-2. Net snow accumulation along Route MD (Dome Fuji route) in 2004–2007. (1/9)

	recent position (WGS-84)							
	18 Jan. 2007 - 28 Jan. 2007 (357 to 358 days)	10 Jan. 2008 - 21 Jan. 2008 (743 to 745 days)	22 Jan. 2010 - 4 Feb. 2010 (368 to 369 days)	26 Jan. 2011 - 7 Feb. 2011 (721 to 722 days)	16 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
IM0	9	50	26	-50		S 70 °	42.528 ' 16.386 '	2215
IM1	-3	4	30	37		S 70 °	43.053 ' 15.995 '	2218
IM2	24	4	-4	20		S 70 °	44.103 ' 15.186 '	2235
MD0	8	37	-3	5		S 70 °	45.131 ' 14.120 '	2242
MD2	18	40	7	14		S 70 °	46.216 ' 13.775 '	2230
MD4	32	9	9	7		S 70 °	47.301 ' 13.447 '	2233
MD6	8	29	18	34		S 70 °	48.519 ' 12.858 '	2256
MD8	41	34	37	26		S 70 °	49.455 ' 12.791 '	2262
MD10	8	67	32	61		S 70 °	50.515 ' 12.482 '	2256
MD12	6	21	15	45		S 70 °	51.600 ' 12.102 '	2266
MD14	13	55	-3	29		S 70 °	52.653 ' 11.713 '	2278
MD16	-2	28	52	38		S 70 °	53.740 ' 11.384 '	2274
MD18	38	49	40	65		S 70 °	54.839 ' 11.049 '	2273
MD20	55	85	36	115		S 70 °	55.904 ' 10.743 '	2271
MD22	7	46	28	117		S 70 °	56.940 ' 10.428 '	2281
MD24	44	59	52	74		S 70 °	58.011 ' 10.001 '	2293
MD26	5	64	39	23		S 70 °	59.070 ' 9.892 '	2305
MD28	44	58	23	43		S 71 °	0.151 ' 9.556 '	2316
MD30	28	55	22	51		S 71 °	1.220 ' 9.156 '	2322
MD32	16	59	40	48		S 71 °	2.312 ' 8.816 '	2330
MD34	26	63	46	73		S 71 °	3.382 ' 8.463 '	2330
MD36	4	85	26			S 71 °	4.454 ' 8.106 '	2329
MD38	33	138	62	69		S 71 °	5.533 ' 7.727 '	2324
MD40	19	75	39	53		S 71 °	6.591 ' 7.338 '	2334
MD42	27	14	116	-18		S 71 °	7.679 ' 6.963 '	2352
MD44	41	83	44	86		S 71 °	8.742 ' 6.661 '	2356
MD46	13	98	52	78		S 71 °	9.818 ' 6.325 '	2362
MD48	33	96	43	84		S 71 °	10.903 ' 5.975 '	2357
MD50	9	64	46	81		S 71 °	11.948 ' 5.606 '	2369
MD52	12	103	30	26		S 71 °	13.009 ' 5.237 '	2372
MD54	-3	91	23	-4		S 71 °	14.087 ' 4.929 '	2382
MD56	1	16	69	-3		S 71 °	15.164 ' 4.581 '	2392
MD58	3	38	17	32		S 71 °	16.235 ' 4.236 '	2392
MD60	-3	117	29	64		S 71 °	17.315 ' 3.894 '	2393
MD62	44	85	28	54		S 71 °	18.375 ' 3.524 '	2406
MD64	55	41	28	28		S 71 °	19.468 ' 3.148 '	2414
MD66	6	74	16	67		S 71 °	20.506 ' 2.830 '	2421
MD68	7	156	-4	72		S 71 °	21.604 ' 2.482 '	2436
MD70	60	96	43	62		S 71 °	22.666 ' 2.127 '	2420
MD72	20	117	28	86		S 71 °	23.753 ' 1.759 '	2423
MD74	76	-	72	79		S 71 °	24.820 ' 1.381 '	2423
MD76	30	-	36	101		S 71 °	25.880 ' 1.078 '	2418

Table 2-2. Continued. (2/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD78	34	90	18	118		S 71 ° 26.964 '	E 44 ° 0.663 '	2428
MD80	-3	96	15	67		S 71 ° 28.047 '	E 44 ° 0.314 '	2442
MD82	4	-	-4	65		S 71 ° 29.108 '	E 43 ° 59.944 '	2451
MD84	19	52	52	46		S 71 ° 30.154 '	E 43 ° 59.534 '	2457
MD86	-3	74	7	11		S 71 ° 31.262 '	E 43 ° 59.155 '	2471
MD88	46	106	34	42		S 71 ° 32.322 '	E 43 ° 58.816 '	2473
MD90	73	-	53			S 71 ° 33.399 '	E 43 ° 58.497 '	2461
MD92	-3	26	-1	1		S 71 ° 34.472 '	E 43 ° 58.038 '	2477
MD94	-3	22	0	-3		S 71 ° 35.541 '	E 43 ° 57.709 '	2501
MD96	20	113	-5	15		S 71 ° 36.630 '	E 43 ° 57.312 '	2513
MD98	2	66	45	8		S 71 ° 37.707 '	E 43 ° 56.989 '	2516
MD100	56	88	47	97		S 71 ° 38.771 '	E 43 ° 56.628 '	2512
MD102	48	140	68	114		S 71 ° 39.848 '	E 43 ° 56.233 '	2513
MD104	10	88	-2			S 71 ° 40.929 '	E 43 ° 55.935 '	2519
MD106	29	91	27	-9		S 71 ° 41.995 '	E 43 ° 55.590 '	2527
MD108	-1	18	67	-8		S 71 ° 43.069 '	E 43 ° 55.233 '	2546
MD110	-2	38	25	22		S 71 ° 44.157 '	E 43 ° 54.861 '	2560
MD112	31	108	28	74		S 71 ° 45.218 '	E 43 ° 54.463 '	2559
MD114	-4	103	11	53		S 71 ° 46.306 '	E 43 ° 54.163 '	2564
MD116	-2	56	45	29		S 71 ° 47.389 '	E 43 ° 53.778 '	2567
MD118	2	63	52	8		S 71 ° 48.426 '	E 43 ° 53.395 '	2571
MD120	43	51	13	56		S 71 ° 49.525 '	E 43 ° 53.042 '	2583
MD122	25	128	26	86		S 71 ° 50.616 '	E 43 ° 52.704 '	2586
MD124	36	77	45	61		S 71 ° 51.662 '	E 43 ° 52.362 '	2591
MD126	32	77	49	55		S 71 ° 52.750 '	E 43 ° 51.966 '	2594
MD128	63	72	33	92		S 71 ° 53.812 '	E 43 ° 51.581 '	2600
MD130	22	71	15	67		S 71 ° 54.900 '	E 43 ° 51.209 '	2604
MD132	-1	-	11	34		S 71 ° 55.959 '	E 43 ° 50.842 '	2615
MD134	-3	56	32	31		S 71 ° 57.038 '	E 43 ° 50.490 '	2613
MD136	-1	56	11	49		S 71 ° 58.105 '	E 43 ° 50.160 '	2639
MD138	33	47	7	43		S 71 ° 59.178 '	E 43 ° 49.787 '	2643
MD140	7	86	31	63		S 72 ° 0.258 '	E 43 ° 49.365 '	2648
MD142	7	88	5	70		S 72 ° 1.360 '	E 43 ° 49.020 '	2641
MD144	11	91	39	55		S 72 ° 2.397 '	E 43 ° 48.618 '	2665
MD146	10	91	27	71		S 72 ° 3.468 '	E 43 ° 48.268 '	2673
MD148	44	90	32	100		S 72 ° 4.578 '	E 43 ° 47.851 '	2679
MD150	-4	131	17	56		S 72 ° 5.654 '	E 43 ° 47.433 '	2676
MD152	37	99	7	97		S 72 ° 6.712 '	E 43 ° 47.108 '	2684
MD154	23	79	1	100		S 72 ° 7.803 '	E 43 ° 46.718 '	2693
MD156	25	103	48	48		S 72 ° 8.885 '	E 43 ° 46.307 '	2696
MD158	33	92	2	53		S 72 ° 9.924 '	E 43 ° 45.938 '	2702
MD160	25	57	63	56		S 72 ° 11.016 '	E 43 ° 45.466 '	2714
MD162	30	68	49	40		S 72 ° 12.095 '	E 43 ° 45.078 '	2718
MD164	12	81	49	35		S 72 ° 13.171 '	E 43 ° 44.661 '	2721

Table 2-2. Continued. (3/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD166	6	109	17	102		S 72 ° 14.217 '	E 43 ° 44.234 '	2730
MD168	-2	8	24	34		S 72 ° 15.298 '	E 43 ° 43.869 '	2734
MD170	27	64	4	85		S 72 ° 16.386 '	E 43 ° 43.467 '	2739
MD172	32	87	28	28		S 72 ° 17.472 '	E 43 ° 43.088 '	2735
MD174	57	47	25	65		S 72 ° 18.561 '	E 43 ° 42.628 '	2742
MD176	-5	65	-2	-7		S 72 ° 19.588 '	E 43 ° 42.169 '	2743
MD178	-1	15	-4	-5		S 72 ° 20.689 '	E 43 ° 41.802 '	2767
MD180	-3	13	1	32		S 72 ° 21.744 '	E 43 ° 41.387 '	2802
MD182	-4	35	12	23		S 72 ° 22.827 '	E 43 ° 40.970 '	2806
MD184	-2	32	1	10		S 72 ° 23.913 '	E 43 ° 40.570 '	2809
MD186	-8	81	11	16		S 72 ° 24.992 '	E 43 ° 40.195 '	2821
MD188	29	98	29	23		S 72 ° 26.067 '	E 43 ° 39.837 '	2824
MD190	49	128	36	112		S 72 ° 27.143 '	E 43 ° 39.411 '	2830
MD192	1	-	8	35		S 72 ° 28.246 '	E 43 ° 39.156 '	2825
MD194	14	64	19	28		S 72 ° 29.311 '	E 43 ° 38.743 '	2835
MD196	-11	47	-3	5		S 72 ° 30.396 '	E 43 ° 38.327 '	2845
MD198	-4	45	15	4		S 72 ° 31.445 '	E 43 ° 38.012 '	2855
MD200	-18	31	5	0		S 72 ° 32.529 '	E 43 ° 37.590 '	2865
MD202	5	22	33	-1		S 72 ° 33.582 '	E 43 ° 37.121 '	2875
MD204	48	14	6	31		S 72 ° 34.656 '	E 43 ° 36.659 '	2883
MD206	27	48	36	103		S 72 ° 35.749 '	E 43 ° 36.175 '	2867
MD208	1	46	15	42		S 72 ° 36.830 '	E 43 ° 35.737 '	2863
MD210	-7	28	19	18		S 72 ° 37.868 '	E 43 ° 35.310 '	2885
MD212	-3	41	15	3		S 72 ° 38.955 '	E 43 ° 34.815 '	2901
MD214	16	41	5	28		S 72 ° 40.023 '	E 43 ° 34.350 '	2910
MD216	44	113	13	50		S 72 ° 41.094 '	E 43 ° 33.916 '	2901
MD218	0	52	-2	51		S 72 ° 42.177 '	E 43 ° 33.436 '	2919
MD220	38	51	5	36		S 72 ° 43.252 '	E 43 ° 32.992 '	2931
MD222	0	84	2	7		S 72 ° 44.322 '	E 43 ° 32.545 '	2948
MD224	30	62	29	54		S 72 ° 45.399 '	E 43 ° 32.086 '	2944
MD226	-2	117	17	58		S 72 ° 46.470 '	E 43 ° 31.649 '	2968
MD228	51	112	36	99		S 72 ° 47.537 '	E 43 ° 31.179 '	2932
MD230	64	73	32	91		S 72 ° 48.615 '	E 43 ° 30.720 '	2932
MD232	6	74	-9	37		S 72 ° 49.673 '	E 43 ° 30.287 '	2935
MD234	-2	45	-3	32		S 72 ° 50.755 '	E 43 ° 29.861 '	2945
MD236	-2	55	14	46		S 72 ° 51.845 '	E 43 ° 29.416 '	2968
MD238	58	65	18	96		S 72 ° 52.911 '	E 43 ° 28.939 '	2971
MD240	-1	-	-	91		S 72 ° 53.965 '	E 43 ° 28.468 '	2990
MD242	-2	107	1	82		S 72 ° 55.036 '	E 43 ° 28.020 '	3010
MD244	-1	35	-1	-4		S 72 ° 56.123 '	E 43 ° 27.560 '	3024
MD246	-10	9	17	5		S 72 ° 57.180 '	E 43 ° 27.116 '	3044
MD248	-8	62	8	22		S 72 ° 58.263 '	E 43 ° 26.639 '	3038
MD250	35	46	-1	35		S 72 ° 59.328 '	E 43 ° 26.192 '	3041
MD252	0	19	25	40		S 73 ° 0.405 '	E 43 ° 25.710 '	3052

Table 2-2. Continued. (4/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD254	6	37	18	53		S 73 ° 1.488 '	E 43 ° 25.239 '	3055
MD256	11	67	23	59		S 73 ° 2.570 '	E 43 ° 24.733 '	3057
MD258	-3	91	31	69		S 73 ° 3.652 '	E 43 ° 24.254 '	3058
MD260	0	83	9	73		S 73 ° 4.717 '	E 43 ° 23.803 '	3055
MD262	-2	25	33	7		S 73 ° 5.760 '	E 43 ° 23.290 '	3063
MD264	33	75	22	40		S 73 ° 6.835 '	E 43 ° 22.789 '	3070
MD266	36	52	39	73		S 73 ° 7.918 '	E 43 ° 22.345 '	3075
MD268	16	42	18	53		S 73 ° 8.961 '	E 43 ° 21.842 '	3079
MD270	28	81	43	69		S 73 ° 10.044 '	E 43 ° 21.376 '	3077
MD272	40	69	59	72		S 73 ° 11.118 '	E 43 ° 20.857 '	3077
MD274	35	61	4	37		S 73 ° 12.172 '	E 43 ° 20.403 '	3082
MD276	13	84	-3	10		S 73 ° 13.239 '	E 43 ° 19.897 '	3094
MD278	24	85	26	33		S 73 ° 14.340 '	E 43 ° 19.419 '	3097
MD280	13	82	-2	95		S 73 ° 15.410 '	E 43 ° 18.903 '	3104
MD282	13	89	4	49		S 73 ° 16.491 '	E 43 ° 18.351 '	3110
MD284	-3	79	34	7		S 73 ° 17.541 '	E 43 ° 17.905 '	3115
MD286	28	69	9	59		S 73 ° 18.618 '	E 43 ° 17.467 '	3123
MD288	8	38	23	62		S 73 ° 19.704 '	E 43 ° 16.998 '	3128
MD290	-1	61	5	21		S 73 ° 20.765 '	E 43 ° 16.525 '	3140
MD292	29	44	16	32		S 73 ° 21.832 '	E 43 ° 16.011 '	3145
MD294	6	36	24	13		S 73 ° 22.898 '	E 43 ° 15.563 '	3160
MD296	-2	17	20	-4		S 73 ° 23.978 '	E 43 ° 15.104 '	3172
MD298	10	36	7	36		S 73 ° 25.023 '	E 43 ° 14.591 '	3185
MD300	11	51	6	17		S 73 ° 26.112 '	E 43 ° 14.062 '	3184
MD302	8	61	5	22		S 73 ° 27.206 '	E 43 ° 13.590 '	3181
MD304	10	51	10	17		S 73 ° 28.271 '	E 43 ° 13.078 '	3192
MD306	20	42	22	40		S 73 ° 29.330 '	E 43 ° 12.667 '	3198
MD308	28	53	48	20		S 73 ° 30.409 '	E 43 ° 12.195 '	3203
MD310	28	66	24	33		S 73 ° 31.492 '	E 43 ° 11.686 '	3204
MD312	41	45	26	65		S 73 ° 32.548 '	E 43 ° 11.163 '	3202
MD314	29	73	7	54		S 73 ° 33.623 '	E 43 ° 10.692 '	3202
MD316	37	27	0	72		S 73 ° 34.704 '	E 43 ° 10.177 '	3203
MD318	8	70	41	27		S 73 ° 35.768 '	E 43 ° 9.688 '	3211
MD320	15	27	19	24		S 73 ° 36.846 '	E 43 ° 9.198 '	3209
MD322	29	30	34	21		S 73 ° 37.916 '	E 43 ° 8.757 '	3213
MD324	30	48	20	35		S 73 ° 38.979 '	E 43 ° 8.279 '	3214
MD326	21	73	6	33		S 73 ° 40.065 '	E 43 ° 7.789 '	3212
MD328	39	8	8	20		S 73 ° 41.129 '	E 43 ° 7.330 '	3227
MD330	-6	23	1	81		S 73 ° 42.169 '	E 43 ° 6.782 '	3232
MD332	-2	25	14	-5		S 73 ° 43.247 '	E 43 ° 6.269 '	3247
MD334	-12	70	-4	27		S 73 ° 44.326 '	E 43 ° 5.888 '	3262
MD336	-2	29	14	19		S 73 ° 45.412 '	E 43 ° 5.512 '	3270
MD338	0	56	-2	74		S 73 ° 46.476 '	E 43 ° 5.071 '	3284
MD340	-2	59	8	59		S 73 ° 47.600 '	E 43 ° 4.639 '	3289

Table 2-2. Continued. (5/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD342	10	43	8	50		S 73 °	48.629 ' E 43 °	4.194 ' 3289
MD344	1	54	3	24		S 73 °	49.710 ' E 43 °	3.779 ' 3295
MD346	24	41	26	18		S 73 °	50.800 ' E 43 °	3.362 ' 3286
MD348	42	52	35	62		S 73 °	51.879 ' E 43 °	2.956 ' 3283
MD350	26	52	25	26		S 73 °	52.936 ' E 43 °	2.577 ' 3287
MD352	25	34	4	72		S 73 °	54.016 ' E 43 °	2.166 ' 3294
MD354	28	47	-6	52		S 73 °	55.089 ' E 43 °	1.768 ' 3299
MD356	6	5	17	34		S 73 °	56.159 ' E 43 °	1.352 ' 3309
MD358	17	33	4	70		S 73 °	57.239 ' E 43 °	0.901 ' 3312
MD360	3	62	13	43		S 73 °	58.301 ' E 43 °	0.501 ' 3313
MD362	6	19	9	19		S 73 °	59.396 ' E 43 °	0.148 ' 3322
MD364	3	37	2	11		S 74 °	0.442 ' E 42 °	59.794 ' 3354
MD366	12	60	-3	8		S 74 °	1.539 ' E 42 °	59.038 ' 3351
MD368	28	40	1	67		S 74 °	2.625 ' E 42 °	59.091 ' 3347
MD370	26	57	12	38		S 74 °	3.701 ' E 42 °	58.608 ' 3338
MD372	25	53	34	64		S 74 °	4.773 ' E 42 °	57.781 ' 3337
MD374	29	18	131	-4		S 74 °	5.849 ' E 42 °	57.034 ' 3344
MD376	2	61	0	-2		S 74 °	6.937 ' E 42 °	56.437 ' 3354
MD378	24	37	54	23		S 74 °	8.014 ' E 42 °	55.680 ' 3351
MD380	38	40	4	108		S 74 °	9.071 ' E 42 °	54.710 ' 3359
MD382	8	51	30	53		S 74 °	10.124 ' E 42 °	53.667 ' 3363
MD384	-1	45	-4	11		S 74 °	11.204 ' E 42 °	53.071 ' 3368
MD386	35	36	47	14		S 74 °	12.289 ' E 42 °	52.572 ' 3374
MD388	9	46	9	20		S 74 °	13.353 ' E 42 °	51.668 ' 3376
MD390	10	5	21	4		S 74 °	14.448 ' E 42 °	51.007 ' 3386
MD392	25	17	26	37		S 74 °	15.515 ' E 42 °	50.078 ' 3395
MD394	19	30	38	51		S 74 °	16.563 ' E 42 °	48.926 ' 3404
MD396	14	38	3	32		S 74 °	17.639 ' E 42 °	47.884 ' 3408
MD398	19	28	36	17		S 74 °	18.721 ' E 42 °	46.895 ' 3415
MD400	14	37	15	38		S 74 °	19.828 ' E 42 °	45.930 ' 3420
MD402	26	31	3	60		S 74 °	20.946 ' E 42 °	44.920 ' 3430
MD404	19	33	21	33		S 74 °	22.005 ' E 42 °	43.756 ' 3423
MD406	5	58	29	19		S 74 °	23.095 ' E 42 °	42.996 ' 3426
MD408	20	47	-1	30		S 74 °	24.169 ' E 42 °	42.196 ' 3420
MD410	23	25	0	40		S 74 °	25.237 ' E 42 °	41.444 ' 3432
MD412	11	23	2	36		S 74 °	26.304 ' E 42 °	40.503 ' 3440
MD414	11	43	7	34		S 74 °	27.365 ' E 42 °	39.662 ' 3441
MD416	8	61	-1	31		S 74 °	28.511 ' E 42 °	38.906 ' 3443
MD418	30	17	17	15		S 74 °	29.603 ' E 42 °	38.140 ' 3453
MD420	23	33	18	46		S 74 °	30.694 ' E 42 °	37.296 ' 3452
MD422	8	45	-3	23		S 74 °	31.781 ' E 42 °	36.180 ' 3452
MD424	15	32	16	60		S 74 °	32.847 ' E 42 °	35.566 ' 3460
MD426	16	50	12	29		S 74 °	33.989 ' E 42 °	34.838 ' 3459
MD428	30	31	30	44		S 74 °	35.083 ' E 42 °	33.988 ' 3457

Table 2-2. Continued. (6/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD430	6	42	9	39		S 74 °	36.147 ' E 42 °	33.118 ' 3466
MD432	15	57	6	71		S 74 °	37.186 ' E 42 °	32.184 ' 3465
MD434	31	37	3	45		S 74 °	38.312 ' E 42 °	31.463 ' 3466
MD436	2	49	-3	-2		S 74 °	39.450 ' E 42 °	30.724 ' 3475
MD438	39	25	1	2		S 74 °	40.566 ' E 42 °	29.895 ' 3485
MD440	48	8	24	23		S 74 °	41.699 ' E 42 °	29.143 ' 3490
MD442	13	43	-1	26		S 74 °	42.796 ' E 42 °	28.148 ' 3487
MD444	28	24	2	14		S 74 °	43.861 ' E 42 °	27.397 ' 3490
MD446	-3	50	12	32		S 74 °	44.919 ' E 42 °	26.316 ' 3493
MD448	15	44	12	39		S 74 °	45.987 ' E 42 °	25.410 ' 3493
MD450	12	38	0	52		S 74 °	47.056 ' E 42 °	24.555 ' 3499
MD452	33	-	-	12		S 74 °	48.193 ' E 42 °	23.641 ' 3509
MD454	16	32	8	34		S 74 °	49.244 ' E 42 °	22.740 ' 3510
MD456	21	18	18	21		S 74 °	50.312 ' E 42 °	21.824 ' 3509
MD458	9	41	33	6		S 74 °	51.403 ' E 42 °	20.933 ' 3506
MD460	24	51	1	33		S 74 °	52.509 ' E 42 °	20.016 ' 3503
MD462	21	43	0	11		S 74 °	53.583 ' E 42 °	19.095 ' 3505
MD464	8	37	13	20		S 74 °	54.642 ' E 42 °	17.979 ' 3514
MD466	-1	43	9	37		S 74 °	55.687 ' E 42 °	16.934 ' 3516
MD468	6	30	14	58		S 74 °	56.784 ' E 42 °	15.825 ' 3517
MD470	4	30	0	41		S 74 °	57.849 ' E 42 °	14.856 ' 3523
MD472	3	29	22	12		S 74 °	58.950 ' E 42 °	14.000 ' 3532
MD474	22	26	10	7		S 75 °	0.005 ' E 42 °	13.169 ' 3533
MD476	25	35	8	35		S 75 °	1.079 ' E 42 °	12.149 ' 3544
MD478	22	17	13	15		S 75 °	2.146 ' E 42 °	11.102 ' 3546
MD480	5	30	15	20		S 75 °	3.233 ' E 42 °	10.117 ' 3546
MD482	22	33	14	16		S 75 °	4.300 ' E 42 °	9.034 ' 3540
MD484	12	36	18	20		S 75 °	5.344 ' E 42 °	7.876 ' 3545
MD486	40	15	16	26		S 75 °	6.407 ' E 42 °	6.757 ' 3541
MD488	9	36	14	16		S 75 °	7.463 ' E 42 °	5.735 ' 3542
MD490	15	36	6	13		S 75 °	8.529 ' E 42 °	4.706 ' 3550
MD492	23	22	4	26		S 75 °	9.614 ' E 42 °	3.814 ' 3556
MD494	19	16	13	22		S 75 °	10.696 ' E 42 °	3.056 ' 3557
MD496	16	40	14	72		S 75 °	11.791 ' E 42 °	2.573 ' 3559
MD498	24	23	16	35		S 75 °	12.828 ' E 42 °	1.750 ' 3562
MD500	23	12	28	13		S 75 °	13.902 ' E 42 °	0.763 ' 3552
MD502	27	30	3	28		S 75 °	14.989 ' E 41 °	59.740 ' 3557
MD504	-4	44	13	18		S 75 °	16.057 ' E 41 °	58.735 ' 3562
MD506	15	25	22	33		S 75 °	17.126 ' E 41 °	57.747 ' 3565
MD508	8	42	13	25		S 75 °	18.181 ' E 41 °	56.730 ' 3572
MD510	14	38	10	19		S 75 °	19.261 ' E 41 °	55.752 ' 3571
MD512	18	36	9	15		S 75 °	20.369 ' E 41 °	54.669 ' 3569
MD514	6	53	-4	42		S 75 °	21.420 ' E 41 °	53.631 ' 3570
MD516	2	45	13	41		S 75 °	22.473 ' E 41 °	52.489 ' 3569

Table 2-2. Continued. (7/9)

	recent position (WGS-84)							
	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	Latitude	Longitude	Altitude
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013			(m a.s.l.)
MD518	24	36	3	39		S 75 °	23.504 ' E 41 °	51.067 ' 3571
MD520	8	43	2	50		S 75 °	24.527 ' E 41 °	49.658 ' 3580
MD522	18	25	22	22		S 75 °	25.600 ' E 41 °	48.406 ' 3585
MD524	29	37	1	29		S 75 °	26.686 ' E 41 °	47.250 ' 3585
MD526	17	35	6	35		S 75 °	27.737 ' E 41 °	46.092 ' 3584
MD528	6	41	14	41		S 75 °	28.785 ' E 41 °	45.011 ' 3584
MD530	8	41	17	22		S 75 °	29.856 ' E 41 °	44.019 ' 3584
MD532	22	40	5	31		S 75 °	30.941 ' E 41 °	43.037 ' 3585
MD534	3	46	7	35		S 75 °	32.006 ' E 41 °	41.880 ' 3583
MD536	18	22	7	53		S 75 °	33.050 ' E 41 °	40.703 ' 3579
MD538	20	36	12	28		S 75 °	34.097 ' E 41 °	39.560 ' 3573
MD540	-1	28	8	28		S 75 °	35.149 ' E 41 °	38.363 ' 3597
MD542	25	26	6	68		S 75 °	36.234 ' E 41 °	37.167 ' 3597
MD544	9	26	19	35		S 75 °	37.261 ' E 41 °	36.025 ' 3603
MD546	11	31	1	52		S 75 °	38.371 ' E 41 °	34.805 ' 3610
MD548	17	44	-2	33		S 75 °	39.449 ' E 41 °	33.565 ' 3613
MD550	33	14	8	36		S 75 °	40.544 ' E 41 °	32.320 ' 3618
MD552	7	30	18	58		S 75 °	41.592 ' E 41 °	31.072 ' 3622
MD554	10	31	3	26		S 75 °	42.636 ' E 41 °	29.852 ' 3620
MD556	16	13	1	24		S 75 °	43.690 ' E 41 °	28.697 ' 3624
MD558	5	26	15	25		S 75 °	44.782 ' E 41 °	27.537 ' 3625
MD560	-1	16	3	30		S 75 °	45.861 ' E 41 °	26.437 ' 3630
MD562	11	41	6	8		S 75 °	46.926 ' E 41 °	25.237 ' 3633
MD564	9	29	24	24		S 75 °	48.003 ' E 41 °	23.994 ' 3637
MD566	23	25	14	32		S 75 °	49.060 ' E 41 °	22.768 ' 3639
MD568	8	26	12	31		S 75 °	50.104 ' E 41 °	21.491 ' 3642
MD570	2	42	10	31		S 75 °	51.189 ' E 41 °	20.394 ' 3651
MD572	15	31	8	24		S 75 °	52.281 ' E 41 °	19.274 ' 3657
MD574	9	45	11	32		S 75 °	53.345 ' E 41 °	18.127 ' 3663
MD576	9	24	1	30		S 75 °	54.403 ' E 41 °	16.960 ' 3672
MD578	13	24	6	22		S 75 °	55.464 ' E 41 °	15.783 ' 3673
MD580	10	28	14	16		S 75 °	56.545 ' E 41 °	14.565 ' 3668
MD582	16	27	13	33		S 75 °	57.603 ' E 41 °	13.350 ' 3669
MD584	11	31	17	31		S 75 °	58.653 ' E 41 °	12.099 ' 3663
MD586	9	34	13	28		S 75 °	59.730 ' E 41 °	10.840 ' 3671
MD588	13	22	4	27		S 76 °	0.785 ' E 41 °	9.422 ' 3675
MD590	23	32	7	15		S 76 °	1.839 ' E 41 °	8.000 ' 3684
MD592	26	20	15	13		S 76 °	2.889 ' E 41 °	6.535 ' 3683
MD594	21	27	5	19		S 76 °	3.974 ' E 41 °	5.421 ' 3689
MD596	9	26	6	48		S 76 °	5.065 ' E 41 °	4.172 ' 3692
MD598	25	28	6	23		S 76 °	6.124 ' E 41 °	2.910 ' 3698
MD600	15	41	4	41		S 76 °	7.183 ' E 41 °	1.648 ' 3698
MD602	10	40	12	26		S 76 °	8.263 ' E 41 °	0.385 ' 3702
MD604	21	32	11	20		S 76 °	9.343 ' E 40 °	59.166 ' 3707

Table 2-2. Continued. (8/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD606	17	52	-2	20		S 76 ° 10.408 '	E 40 ° 58.043 '	3702
MD608	4	40	6	24		S 76 ° 11.479 '	E 40 ° 57.000 '	3699
MD610	22	26	19	16		S 76 ° 12.572 '	E 40 ° 55.959 '	3699
MD612	12	26	6	22		S 76 ° 13.668 '	E 40 ° 54.790 '	3697
MD614	16	30	3	16		S 76 ° 14.733 '	E 40 ° 53.654 '	3701
MD616	15	14	26	16		S 76 ° 15.819 '	E 40 ° 52.534 '	3701
MD618	22	31	0	24		S 76 ° 16.909 '	E 40 ° 51.359 '	3699
MD620	21	18	7	39		S 76 ° 17.982 '	E 40 ° 49.999 '	3701
MD622	15	15	20	22		S 76 ° 19.045 '	E 40 ° 48.776 '	3714
MD624	9	21	8	25		S 76 ° 20.132 '	E 40 ° 47.561 '	3719
MD626	18	28	12	22		S 76 ° 21.221 '	E 40 ° 46.371 '	3719
MD628	13	17	9	37		S 76 ° 22.285 '	E 40 ° 44.945 '	3717
MD630	14	31	7	18		S 76 ° 23.363 '	E 40 ° 43.880 '	3719
MD632	-1	26	1	23		S 76 ° 24.453 '	E 40 ° 42.694 '	3721
MD634	19	20	14	28		S 76 ° 25.536 '	E 40 ° 41.425 '	3721
MD636	2	40	6	27		S 76 ° 26.617 '	E 40 ° 40.125 '	3723
MD638	17	27	14	43		S 76 ° 27.703 '	E 40 ° 38.829 '	3727
MD640	17	35	6	26		S 76 ° 28.790 '	E 40 ° 37.797 '	3727
MD642	24	13	10	28		S 76 ° 29.889 '	E 40 ° 36.737 '	3729
MD644	11	25	7	38		S 76 ° 30.966 '	E 40 ° 35.485 '	3726
MD646	8	44	8	16		S 76 ° 32.020 '	E 40 ° 34.361 '	3734
MD648	10	36	2	30		S 76 ° 33.078 '	E 40 ° 33.211 '	3736
MD650	-21	27	6	27		S 76 ° 34.182 '	E 40 ° 31.980 '	3734
MD652	7	28	0	45		S 76 ° 35.226 '	E 40 ° 30.793 '	3737
MD654	6	24	1	32		S 76 ° 36.282 '	E 40 ° 29.620 '	3749
MD656	11	28	7	22		S 76 ° 37.380 '	E 40 ° 28.470 '	3752
MD658	18	34	5	32		S 76 ° 38.466 '	E 40 ° 27.315 '	3746
MD660	10	29	6	23		S 76 ° 39.551 '	E 40 ° 26.141 '	3736
MD662	7	33	6	23		S 76 ° 40.639 '	E 40 ° 24.970 '	3735
MD664	15	26	10	25		S 76 ° 41.710 '	E 40 ° 23.820 '	3735
MD666	26	42	4	23		S 76 ° 42.800 '	E 40 ° 22.600 '	3734
MD668	21	29	0	28		S 76 ° 43.879 '	E 40 ° 21.330 '	3733
MD670	17	37	-1	29		S 76 ° 44.953 '	E 40 ° 20.060 '	3734
MD672	14	28	2	21		S 76 ° 46.030 '	E 40 ° 18.718 '	3744
MD674	14	26	1	22		S 76 ° 47.122 '	E 40 ° 17.481 '	3750
MD676	9	18	10	23		S 76 ° 48.194 '	E 40 ° 16.180 '	3753
MD678	19	14	7	19		S 76 ° 49.264 '	E 40 ° 14.928 '	3755
MD680	20	32	0	21		S 76 ° 50.342 '	E 40 ° 13.549 '	3760
MD682	17	18	6	39		S 76 ° 51.413 '	E 40 ° 12.164 '	3760
MD684	14	46	-1	20		S 76 ° 52.512 '	E 40 ° 10.830 '	3760
MD686	15	24	1	23		S 76 ° 53.567 '	E 40 ° 9.437 '	3763
MD688	10	25	7	27		S 76 ° 54.661 '	E 40 ° 8.533 '	3760
MD690	9	28	12	19		S 76 ° 55.727 '	E 40 ° 7.410 '	3765
MD692	12	22	14	17		S 76 ° 56.812 '	E 40 ° 6.177 '	3764

Table 2-2. Continued. (9/9)

	18 Jan. 2007	10 Jan. 2008	22 Jan. 2010	26 Jan. 2011	16 Jan. 2013	recent position (WGS-84)		
	- 28 Jan. 2007 (357 to 358 days)	- 21 Jan. 2008 (743 to 745 days)	- 4 Feb. 2010 (368 to 369 days)	- 7 Feb. 2011 (721 to 722 days)	- 29 Jan. 2013	Latitude	Longitude	Altitude (m a.s.l.)
MD694	10	31	2	20		S 76 ° 57.889 '	E 40 ° 4.860 '	3767
MD696	16	27	5	22		S 76 ° 58.972 '	E 40 ° 3.612 '	3765
MD698	18	27	10	21		S 77 ° 0.053 '	E 40 ° 2.307 '	3763
MD700	11	26	6	25		S 77 ° 1.128 '	E 40 ° 0.947 '	3767
MD702	9	27	9	25		S 77 ° 2.205 '	E 39 ° 59.609 '	3774
MD704	26	26	2	15		S 77 ° 3.281 '	E 39 ° 58.219 '	3774
MD706	8	8	4	37		S 77 ° 4.387 '	E 39 ° 56.836 '	3779
MD708	27	11	4	27		S 77 ° 5.471 '	E 39 ° 55.695 '	3784
MD710	8	27	5	22		S 77 ° 6.547 '	E 39 ° 54.784 '	3783
MD712	7	29	-1	32		S 77 ° 7.630 '	E 39 ° 53.951 '	3785
MD714	8	21	-1	47		S 77 ° 8.698 '	E 39 ° 52.785 '	3786
MD716	17	17	3	31		S 77 ° 9.790 '	E 39 ° 51.640 '	3783
MD718	11	31	1	30		S 77 ° 10.890 '	E 39 ° 50.256 '	3787
MD720	14	22	6	10		S 77 ° 11.975 '	E 39 ° 48.943 '	3793
MD722	15	22	15	18		S 77 ° 13.064 '	E 39 ° 47.681 '	3795
MD724	14	11	2	33		S 77 ° 14.149 '	E 39 ° 46.509 '	3795
MD726	26	12	12	14		S 77 ° 15.273 '	E 39 ° 45.421 '	3793
MD728	18	25	0	23		S 77 ° 16.362 '	E 39 ° 44.184 '	3799
MD730	16	27	0	24		S 77 ° 17.440 '	E 39 ° 42.789 '	3797
MD732	12	27	4	25		S 77 ° 18.537 '	E 39 ° 41.801 '	3798
MD734	6	35	7	32		S 77 ° 19.623 '	E 39 ° 40.541 '	3794
MD736	4	29	3	23		S 77 ° 20.709 '	E 39 ° 39.449 '	3793
MD738	14	23	0	27		S 77 ° 21.779 '	E 39 ° 37.916 '	3799
DF80	18	25	7	9		S 77 ° 22.394 '	E 39 ° 36.839 '	3794

Table 2-3. Net snow accumulation (cm) along Route NMD (New Dome Fuji route) in 2009–2012. (1/3)

				recent position (WGS-84)				
	26 Dec. 2009	30 Dec. 2010	28 Nov. 2012	Latitude		Longitude		Altitude (m a.s.l.)
	- 3 Jan. 2010 (369 days)	- 7 Jan. 2011 (699 to 701 days)	- 8 Dec. 2012					
NMD000 (Mizuho)	-							
NMD001 (IM0)	13		-28	S 70 °	42.520 ' E 44 °	16.333 ' E 44 °	2252	
NMD002 (IM1)	-		17	S 70 °	43.044 ' E 44 °	15.935 ' E 44 °	2238	
NMD004 (IM2)	-4		22	S 70 °	44.094 ' E 44 °	15.132 ' E 44 °	2251	
NMD006 (MD0)	8		9	S 70 °	45.132 ' E 44 °	14.128 ' E 44 °	2244	
NMD008	10		27	S 70 °	45.947 ' E 44 °	15.160 ' E 44 °	2243	
NMD010	12		41	S 70 °	47.024 ' E 44 °	15.501 ' E 44 °	2242	
NMD012	5		52	S 70 °	48.099 ' E 44 °	15.902 ' E 44 °	2264	
NMD014	42		15	S 70 °	49.150 ' E 44 °	16.371 ' E 44 °	2277	
NMD016	26		44	S 70 °	50.216 ' E 44 °	16.750 ' E 44 °	2280	
NMD018	17		23	S 70 °	51.297 ' E 44 °	16.750 ' E 44 °	2287	
NMD020	23		58	S 70 °	52.372 ' E 44 °	16.792 ' E 44 °	2290	
NMD022	9		79	S 70 °	53.444 ' E 44 °	16.751 ' E 44 °	2297	
NMD024	13		27	S 70 °	54.520 ' E 44 °	16.720 ' E 44 °	2289	
NMD026	4		12	S 70 °	55.449 ' E 44 °	18.385 ' E 44 °	2309	
NMD028	6		33	S 70 °	56.380 ' E 44 °	19.996 ' E 44 °	2312	
NMD030	-1		9	S 70 °	57.345 ' E 44 °	21.401 ' E 44 °	2325	
NMD032	29		-4	S 70 °	58.400 ' E 44 °	22.119 ' E 44 °	2340	
NMD034	2		34	S 70 °	59.456 ' E 44 °	22.811 ' E 44 °	2340	
NMD036	23		26	S 70 °	0.485 ' E 44 °	22.966 ' E 44 °	2339	
NMD038	48		40	S 71 °	1.592 ' E 44 °	23.131 ' E 44 °	2343	
NMD040	37		33	S 71 °	2.533 ' E 44 °	24.400 ' E 44 °	2353	
NMD042	70		20	S 71 °	3.546 ' E 44 °	25.785 ' E 44 °	2359	
NMD044	62		0	S 71 °	4.544 ' E 44 °	27.083 ' E 44 °	2370	
NMD046	31		34	S 71 °	5.535 ' E 44 °	28.356 ' E 44 °	2380	
NMD048	23		38	S 71 °	6.533 ' E 44 °	29.628 ' E 44 °	2390	
NMD050	47		21	S 71 °	7.589 ' E 44 °	29.185 ' E 44 °	2395	
NMD052	28		29	S 71 °	8.574 ' E 44 °	30.292 ' E 44 °	2400	
NMD054	43		51	S 71 °	9.613 ' E 44 °	31.219 ' E 44 °	2411	
NMD056	35		26	S 71 °	10.695 ' E 44 °	32.131 ' E 44 °	2412	
NMD058	14		53	S 71 °	10.696 ' E 44 °	32.133 ' E 44 °	2415	
NMD060	6		82	S 71 °	12.686 ' E 44 °	34.464 ' E 44 °	2420	
NMD062	26		16	S 71 °	13.736 ' E 44 °	33.792 ' E 44 °	2421	
NMD064	31		18	S 71 °	14.825 ' E 44 °	33.073 ' E 44 °	2436	
NMD066	21		47	S 71 °	15.789 ' E 44 °	31.866 ' E 44 °	2436	
NMD068	15		48	S 71 °	16.791 ' E 44 °	30.616 ' E 44 °	2435	
NMD070	12		16	S 71 °	17.500 ' E 44 °	28.173 ' E 44 °	2431	
NMD072	32		13	S 71 °	17.997 ' E 44 °	25.221 ' E 44 °	2430	
NMD074	17		75	S 71 °	18.526 ' E 44 °	22.245 ' E 44 °	2439	
NMD076	58		23	S 71 °	19.167 ' E 44 °	19.598 ' E 44 °	2441	
NMD078	38		61	S 71 °	19.811 ' E 44 °	16.920 ' E 44 °	2441	
NMD080	15		53	S 71 °	20.756 ' E 44 °	15.246 ' E 44 °	2439	
NMD082	6		4	S 71 °	21.704 ' E 44 °	13.643 ' E 44 °	2438	
NMD084	24		69	S 71 °	22.730 ' E 44 °	14.252 ' E 44 °	2454	
NMD086	0		39	S 71 °	23.794 ' E 44 °	14.804 ' E 44 °	2459	
NMD088	21		28	S 71 °	24.811 ' E 44 °	13.336 ' E 44 °	2457	
NMD090	5		33	S 71 °	25.676 ' E 44 °	11.593 ' E 44 °	2452	
NMD092	-1		71	S 71 °	26.603 ' E 44 °	9.685 ' E 44 °	2445	
NMD094	23		-3	S 71 °	27.525 ' E 44 °	7.870 ' E 44 °	2452	
NMD096	22		32	S 71 °	28.367 ' E 44 °	5.978 ' E 44 °	2465	
NMD098	33		7	S 71 °	29.243 ' E 44 °	3.893 ' E 44 °	2468	
NMD100	23		66	S 71 °	30.162 ' E 44 °	1.875 ' E 44 °	2467	
NMD102	66		37	S 71 °	30.839 ' E 44 °	4.382 ' E 44 °	2472	
NMD104	25		23	S 71 °	31.652 ' E 44 °	6.647 ' E 44 °	2485	
NMD106	45		8	S 71 °	32.636 ' E 44 °	4.632 ' E 44 °	2489	
NMD108	3		16	S 71 °	33.468 ' E 44 °	2.718 ' E 44 °	2481	
NMD110	-3		0	S 71 °	34.372 ' E 44 °	0.622 ' E 44 °	2491	
NMD112	-3		44	S 71 °	35.299 ' E 43 °	58.988 ' E 43 °	2500	
NMD114	11		4	S 71 °	36.369 ' E 43 °	59.063 ' E 43 °	2509	
NMD116	16		48	S 71 °	37.084 ' E 44 °	1.320 ' E 44 °	2518	
NMD118	21		57	S 71 °	37.860 ' E 44 °	3.794 ' E 44 °	2517	
NMD120	30		86	S 71 °	38.629 ' E 44 °	6.261 ' E 44 °	2516	
NMD122	27		63	S 71 °	39.403 ' E 44 °	8.585 ' E 44 °	2528	
NMD124	95		84	S 71 °	40.173 ' E 44 °	10.997 ' E 44 °	2529	
NMD126	9		41	S 71 °	40.947 ' E 44 °	13.414 ' E 44 °	2534	
NMD128	7		58	S 71 °	41.437 ' E 44 °	16.253 ' E 44 °	2551	
NMD130	52		44	S 71 °	41.961 ' E 44 °	19.342 ' E 44 °	2550	
NMD132	4		24	S 71 °	42.486 ' E 44 °	22.440 ' E 44 °	2560	
NMD134	2		65	S 71 °	43.262 ' E 44 °	24.774 ' E 44 °	2571	
NMD136	11		82	S 71 °	44.107 ' E 44 °	26.861 ' E 44 °	2580	
NMD138	20		42	S 71 °	45.032 ' E 44 °	28.744 ' E 44 °	2590	

Table 2-3. Continued. (2/3)

				recent position (WGS-84)		
	26 Dec. 2009	30 Dec. 2010	28 Nov. 2012			
	- 3 Jan. 2010 (369 days)	- 7 Jan. 2011 (699 to 701 days)	- 8 Dec. 2012	Latitude	Longitude	Altitude (m a.s.l.)
NMD140	14	26	S 71 °	46.124 ' E 44 °	27.776 ' 2587	
NMD142	14	17	S 71 °	47.109 ' E 44 °	26.309 ' 2589	
NMD144	-3	-4	S 71 °	48.082 ' E 44 °	24.923 ' 2597	
NMD146	13	58	S 71 °	49.041 ' E 44 °	23.327 ' 2594	
NMD148	28	15	S 71 °	49.946 ' E 44 °	21.797 ' 2591	
NMD150	7	32	S 71 °	50.887 ' E 44 °	19.880 ' 2597	
NMD152	4	23	S 71 °	51.925 ' E 44 °	18.738 ' 2599	
NMD154	32	7	S 71 °	52.925 ' E 44 °	17.644 ' 2607	
NMD156	35	31	S 71 °	53.965 ' E 44 °	16.635 ' 2617	
NMD158	10	14	S 71 °	54.927 ' E 44 °	15.590 ' 2618	
NMD160	25	19	S 71 °	55.986 ' E 44 °	14.608 ' 2625	
NMD162	4	13	S 71 °	57.007 ' E 44 °	13.438 ' 2632	
NMD164	12	25	S 71 °	58.054 ' E 44 °	12.331 ' 2639	
NMD166	14	28	S 71 °	58.994 ' E 44 °	14.019 ' 2649	
NMD168	28	60	S 71 °	59.936 ' E 44 °	15.711 ' 2652	
NMD170	41	32	S 72 °	0.850 ' E 44 °	17.362 ' 2662	
NMD172	35	7	S 72 °	1.910 ' E 44 °	16.235 ' 2662	
NMD174	28	-10	S 72 °	2.973 ' E 44 °	15.638 ' 2669	
NMD176	-1	2	S 72 °	4.047 ' E 44 °	15.022 ' 2675	
NMD178	-3	21	S 72 °	5.107 ' E 44 °	14.446 ' 2679	
NMD180	9	1	S 72 °	6.170 ' E 44 °	13.865 ' 2692	
NMD182	-3	15	S 72 °	7.235 ' E 44 °	13.288 ' 2705	
NMD184	-3	2	S 72 °	8.291 ' E 44 °	12.702 ' 2716	
NMD186	32	7	S 72 °	9.349 ' E 44 °	11.943 ' 2723	
NMD188	13	43	S 72 °	10.334 ' E 44 °	13.299 ' 2736	
NMD190	35	50	S 72 °	11.328 ' E 44 °	14.692 ' 2742	
NMD192	-3	42	S 72 °	12.328 ' E 44 °	16.037 ' 2739	
NMD194	10	82	S 72 °	13.312 ' E 44 °	17.398 ' 2747	
NMD196	23	63	S 72 °	14.376 ' E 44 °	16.488 ' 2760	
NMD198	9	48	S 72 °	15.397 ' E 44 °	15.454 ' 2771	
NMD200	-1	15	S 72 °	16.455 ' E 44 °	14.545 ' 2784	
NMD202	33	46	S 72 °	17.483 ' E 44 °	13.525 ' 2788	
NMD204	23	19	S 72 °	18.553 ' E 44 °	13.174 ' 2788	
NMD206	7	11	S 72 °	19.629 ' E 44 °	12.831 ' 2795	
NMD208	4	33	S 72 °	20.643 ' E 44 °	12.423 ' 2803	
NMD210	48	54	S 72 °	21.537 ' E 44 °	14.689 ' 2812	
NMD212	-3	93	S 72 °	22.390 ' E 44 °	16.885 ' 2809	
NMD214	43	65	S 72 °	23.251 ' E 44 °	19.052 ' 2817	
NMD216	39	3	S 72 °	24.287 ' E 44 °	17.393 ' 2817	
NMD218	0	2	S 72 °	25.249 ' E 44 °	15.791 ' 2820	
NMD220	-4	-3	S 72 °	26.210 ' E 44 °	14.210 ' 2827	
NMD222	12	6	S 72 °	27.212 ' E 44 °	12.913 ' 2835	
NMD224	34	11	S 72 °	28.223 ' E 44 °	11.610 ' 2837	
NMD226	-1	12	S 72 °	29.221 ' E 44 °	10.288 ' 2846	
NMD228	25	71	S 72 °	29.988 ' E 44 °	12.796 ' 2857	
NMD230	48	76	S 72 °	30.756 ' E 44 °	15.327 ' 2856	
NMD232	-2	99	S 72 °	31.523 ' E 44 °	17.841 ' 2852	
NMD234	14	6	S 72 °	32.275 ' E 44 °	20.295 ' 2854	
NMD236	1	7	S 72 °	33.371 ' E 44 °	20.862 ' 2879	
NMD238	13	0	S 72 °	34.444 ' E 44 °	21.387 ' 2892	
NMD240	-4	11	S 72 °	35.474 ' E 44 °	21.931 ' 2896	
NMD242	34	32	S 72 °	36.511 ' E 44 °	20.498 ' 2904	
NMD244	26	23	S 72 °	37.498 ' E 44 °	19.083 ' 2909	
NMD246	0	70	S 72 °	38.493 ' E 44 °	17.689 ' 2908	
NMD248	9	15	S 72 °	39.463 ' E 44 °	16.360 ' 2915	
NMD250	6	30	S 72 °	40.524 ' E 44 °	17.486 ' 2934	
NMD252	3	11	S 72 °	41.529 ' E 44 °	18.088 ' 2942	
NMD254	21	-3	S 72 °	42.628 ' E 44 °	18.671 ' 2947	
NMD256	28	33	S 72 °	43.700 ' E 44 °	19.366 ' 2953	
NMD258	-4	-2	S 72 °	44.720 ' E 44 °	18.066 ' 2956	
NMD260	6	27	S 72 °	45.732 ' E 44 °	16.757 ' 2957	
NMD262	-2	1	S 72 °	46.559 ' E 44 °	14.774 ' 2959	
NMD264	4	8	S 72 °	47.453 ' E 44 °	12.616 ' 2961	
NMD266	9	4	S 72 °	48.354 ' E 44 °	10.567 ' 2978	
NMD268	2	7	S 72 °	49.250 ' E 44 °	8.397 ' 2985	
NMD270	2	8	S 72 °	50.150 ' E 44 °	6.331 ' 2994	
NMD272	4	25	S 72 °	51.046 ' E 44 °	4.202 ' 3007	
NMD274	5	-1	S 72 °	51.698 ' E 44 °	1.396 ' 3016	
NMD276	-1	10	S 72 °	52.552 ' E 43 °	59.511 ' 3018	
NMD278	9	8	S 72 °	53.470 ' E 43 °	57.456 ' 3027	
NMD280	9	28	S 72 °	54.394 ' E 43 °	55.380 ' 3029	
NMD282	10	27	S 72 °	55.314 ' E 43 °	53.339 ' 3037	
NMD284	-1	15	S 72 °	56.234 ' E 43 °	51.294 ' 3039	
NMD286	20	10	S 72 °	57.056 ' E 43 °	48.880 ' 3057	

Table 2-3. Continued. (3/3)

	recent position (WGS-84)					
	26 Dec. 2009 - 3 Jan. 2010 (369 days)	30 Dec. 2010 - 7 Jan. 2011 (699 to 701 days)	28 Nov. 2012 - 8 Dec. 2012	Latitude	Longitude	Altitude (m a.s.l.)
NMD288	12	13		S 72 °	57.874 ' E 43 °	46.459 ' 3064
NMD290	33	33		S 72 °	58.688 ' E 43 °	44.037 ' 3066
NMD292	43	22		S 72 °	59.501 ' E 43 °	41.609 ' 3070
NMD294	14	40		S 73 °	0.172 ' E 43 °	44.141 ' 3070
NMD296	34	20		S 73 °	0.890 ' E 43 °	46.891 ' 3066
NMD298	38	57		S 73 °	1.740 ' E 43 °	48.920 ' 3068
NMD300	24	38		S 73 °	2.651 ' E 43 °	51.107 ' 3066
NMD302	24	17		S 73 °	3.665 ' E 43 °	51.946 ' 3072
NMD304	14	40		S 73 °	4.766 ' E 43 °	52.814 ' 3087
NMD306	2	40		S 73 °	5.559 ' E 43 °	50.684 ' 3061
NMD308	8	65		S 73 °	6.409 ' E 43 °	48.328 ' 3068
NMD310	17	110		S 73 °	7.260 ' E 43 °	45.994 ' 3070
NMD312	30	49		S 73 °	8.113 ' E 43 °	43.646 ' 3068
NMD314	0	1		S 73 °	8.971 ' E 43 °	41.304 ' 3068
NMD316	2	37		S 73 °	9.755 ' E 43 °	38.726 ' 3067
NMD318	7	15		S 73 °	10.544 ' E 43 °	36.172 ' 3066
NMD320	14	30		S 73 °	11.276 ' E 43 °	33.559 ' 3064
NMD322	-3	39		S 73 °	12.303 ' E 43 °	34.728 ' 3076
NMD324	23	49		S 73 °	13.334 ' E 43 °	35.892 ' 3079
NMD326	-5	9		S 73 °	14.289 ' E 43 °	37.122 ' 3081
NMD328	11	30		S 73 °	15.318 ' E 43 °	38.479 ' 3092
NMD330	-1	20		S 73 °	16.357 ' E 43 °	39.820 ' 3101
NMD332	11	62		S 73 °	17.390 ' E 43 °	41.154 ' 3118
NMD334	13	35		S 73 °	18.409 ' E 43 °	42.451 ' 3120
NMD336	4	49		S 73 °	19.263 ' E 43 °	44.737 ' 3130
NMD338	14	69		S 73 °	20.122 ' E 43 °	47.061 ' 3136
NMD340	19	13		S 73 °	20.972 ' E 43 °	49.373 ' 3139
NMD342	34	52		S 73 °	22.036 ' E 43 °	49.392 ' 3147
NMD344	16	33		S 73 °	22.995 ' E 43 °	51.173 ' 3146
NMD346	5	63		S 73 °	23.980 ' E 43 °	53.016 ' 3151
NMD348	2	40		S 73 °	25.014 ' E 43 °	53.763 ' 3155
NMD350	34	54		S 73 °	26.081 ' E 43 °	54.511 ' 3155
NMD352	26	23		S 73 °	27.137 ' E 43 °	55.294 ' 3153
NMD354	25	41		S 73 °	28.193 ' E 43 °	56.047 ' 3155
NMD356	19	37		S 73 °	29.237 ' E 43 °	56.792 ' 3155
NMD358	-1	31		S 73 °	29.859 ' E 43 °	53.605 ' 3158
NMD360	11	29		S 73 °	30.275 ' E 43 °	50.309 ' 3158
NMD362	24	19		S 73 °	30.711 ' E 43 °	46.749 ' 3190
NMD364	-10	8		S 73 °	31.158 ' E 43 °	43.189 ' 3191
NMD366	11	18		S 73 °	31.857 ' E 43 °	40.266 ' 3192
NMD368	-2	16		S 73 °	32.563 ' E 43 °	37.334 ' 3194
NMD370	6	15		S 73 °	33.262 ' E 43 °	34.401 ' 3195
NMD372	6	41		S 73 °	33.968 ' E 43 °	31.476 ' 3197
NMD374	15	47		S 73 °	34.724 ' E 43 °	28.690 ' 3210
NMD376	3	42		S 73 °	35.505 ' E 43 °	26.078 ' 3219
NMD378	-1	27		S 73 °	36.540 ' E 43 °	24.989 ' 3224
NMD380	0	14		S 73 °	37.612 ' E 43 °	23.955 ' 3234
NMD382	19	17		S 73 °	38.422 ' E 43 °	21.433 ' 3233
NMD384	5	24		S 73 °	39.270 ' E 43 °	19.050 ' 3233
NMD386	6	3		S 73 °	40.124 ' E 43 °	16.721 ' 3238
NMD388	8	12		S 73 °	40.887 ' E 43 °	14.262 ' 3237
NMD390	-1	21		S 73 °	41.689 ' E 43 °	11.589 ' 3236
NMD392	26	66		S 73 °	42.514 ' E 43 °	8.950 ' 3240
NMD394 (MD332)	-1	12		S 73 °	43.248 ' E 43 °	6.264 ' 3250
NMD396	-2	-4		S 73 °	44.092 ' E 43 °	3.605 ' 3248
NMD398	-4	5		S 73 °	44.925 ' E 43 °	1.121 ' 3259
NMD400	27	1		S 73 °	45.763 ' E 42 °	58.664 ' 3269
NMD402	4	13		S 73 °	46.683 ' E 42 °	56.962 ' 3269
NMD404	-2	13		S 73 °	47.627 ' E 42 °	55.166 ' 3274
NMD406	20	8		S 73 °	48.488 ' E 42 °	52.991 ' 3274
NMD408	5	27		S 73 °	49.426 ' E 42 °	50.623 ' 3279
NMD410	9	37		S 73 °	50.371 ' E 42 °	48.418 ' 3285
NMD412	-2	22		S 73 °	51.373 ' E 42 °	47.619 ' 3295
NMD414	30	53		S 73 °	52.368 ' E 42 °	49.156 ' 3291
NMD416	-1	70		S 73 °	53.363 ' E 42 °	50.719 ' 3290
NMD418	2	66		S 73 °	54.359 ' E 42 °	52.283 ' 3290
NMD420	31	37		S 73 °	55.353 ' E 42 °	53.841 ' 3301
NMD422	16	22		S 73 °	56.351 ' E 42 °	55.408 ' 3301
NMD424	59	13		S 73 °	57.357 ' E 42 °	56.968 ' 3310
NMD426	5	78		S 73 °	58.350 ' E 42 °	58.513 ' 3315
NMD428 (MD362)	-3	30		S 73 °	59.397 ' E 43 °	0.151 ' 3325
NMD430 (MD364)	2	13		S 74 °	0.442 ' E 42 °	59.794 ' 3354

Table 2-4. Net snow accumulation (cm) in the 36-stake farm at S16 in 2007–2013.

Stake No.	1 Feb. 2007 26 Jan. 2008 (359 days)	26 Jan. 2008 6 Oct. 2008 (254 days)	6 Oct. 2008 23 Jan. 2009 (109 days)	23 Jan. 2009 24 Dec. 2009 (335 days)	24 Dec. 2009 7 May. 2010 (134 days)	7 May. 2010 5 Dec. 2010 (212 days)	5 Dec. 2010 26 Dec. 2010 (21 days)	26 Dec. 2010 4 Oct. 2011 (282 days)	4 Oct. 2011 12 Sep. 2012 (344 days)	12 Sep. 2012 4 Feb. 2013 (145 days)	4 Feb. 2013 2 Oct. 2013 (240 days)
I - 1	-	28	-8	38	-42	82	-15	82	10	-28	-
- 2	-	31	-8	33	-37	77	0	43	74	-4	-
- 3	-2	37	-18	42	-1	7	5	53	-5	-29	25
- 4	-13	26	5	23	24	78	-9	50	3	-46	42
- 5	-5	35	-7	32	5	86	-10	17	19	-	34
- 6	-	31	-62	38	59	5	-10	39	10	-26	25
II - 1	3	19	-16	50	-6	74	-19	83	11	-12	40
- 2	0	82	-7	35	-63	-	-	-	13	-29	27
- 3	7	21	-8	94	-76	22	-12	35	16	6	36
- 4	-2	27	-10	41	-2	86	-12	34	0	-7	-
- 5	-6	27	-12	26	69	77	-12	41	11	-26	29
- 6	-5	31	-17	65	23	-	-16	45	26	-36	25
III - 1	-11	28	-10	62	26	51	-11	45	7	0	-
- 2	-3	23	-11	48	-39	143	-18	53	10	-34	-
- 3	9	23	-12	87	-33	19	-16	45	17	-38	39
- 4	-	32	-10	31	-35	78	-11	39	24	-33	18
- 5	-	21	-14	85	37	22	-9	43	30	-35	12
- 6	15	20	-19	41	82	127	-15	46	25	-28	37
IV - 1	11	14	-19	55	-54	-	-10	52	16	-30	21
- 2	21	-	-9	38	8	47	-8	50	68	-36	-
- 3	22	-2	-16	60	-10	0	-9	58	6	-36	34
- 4	-	-14	-9	40	3	44	-16	54	35	-38	30
- 5	-	6	-3	25	-22	61	-10	48	12	-32	23
- 6	6	23	-4	38	-7	39	-15	54	54	-5	-
V - 1	12	23	-10	68	80	-38	-11	65	-4	-21	24
- 2	-	-17	-5	48	-20	79	-9	48	11	-35	29
- 3	36	-1	-10	66	39	-10	-18	57	12	-28	49
- 4	19	10	-8	46	-59	87	-11	63	-1	-28	23
- 5	15	22	-11	44	14	145	-11	56	7	-26	24
- 6	-	11	-3	42	-8	30	-11	69	2	-36	26
VI - 1	5	23	-8	46	-	61	-17	62	-1	-30	22
- 2	7	25	-12	51	-11	-	-15	56	0	-28	23
- 3	12	25	0	67	-46	-	-13	68	-4	-26	24
- 4	7	18	-6	79	68	-42	-7	61	3	-49	54
- 5	-	32	-12	67	-74	90	-1	-	-1	-13	-
- 6	-	26	-18	61	-47	10	-9	47	0	-15	22
Average	6.4	21.9	-11.3	50.3	-4.4	52.8	-11.2	51.8	14.3	-26.2	29.2
s.d.	11.4	16.4	10.2	18.0	43.5	46.7	5.1	13.1	18.6	12.7	9.4

Table 2-5. Net snow accumulation (cm) in the 36-stake farm at H68 in 2007–2013.

Stake No.	30 Jan. 2007 24 Jan. 2008 (359 days)	24 Jan. 2008 7 Oct. 2008 (257 days)	7 Oct. 2008 8 Feb. 2010 (489 days)	8 Feb. 2010 23 Sep. 2010 (227 days)	23 Sep. 2010 27 Dec. 2010 (95 days)	27 Dec. 2010 6 Oct. 2011 (283 days)	6 Oct. 2011 10 Oct. 2012 (370 days)	10 Oct. 2012 31 Jan. 2013 (113 days)	31 Jan. 2013 2 Oct. 2013 (244 days)
I - 1	13	-6	22	-4	6	64	0	-17	27
I - 2	2	7	31	1	-8	63	-9	-7	33
I - 3	25	-17	16	27	-9	42	24	-2	24
I - 4	31	16	20	36	-8	102	-3	-10	12
I - 5	24	3	13	35	-13	72	22	-12	11
I - 6	9	15	25	11	-5	43	28	-13	35
II - 1	3	19	54	0	-3	91	6	-13	34
II - 2	23	-9	32	11	-2	30	35	-12	15
II - 3	24	-8	52	57	-18	95	11	-16	45
II - 4	24	9	19	12	0	59	23	-13	31
II - 5	33	-18	51	9	-1	1	13	-14	29
II - 6	-	33	-6	19	-12	44	4	-12	39
III - 1	8	-3	36	11	-3	43	30	-17	-
III - 2	5	16	38	35	-5	27	24	-10	23
III - 3	16	-20	36	20	-21	59	33	-19	-
III - 4	14	-11	23	4	-3	57	8	-22	34
III - 5	24	1	6	22	10	77	11	-17	38
III - 6	7	7	22	5	4	31	13	-7	31
IV - 1	11	-9	18	13	0	40	23	-10	14
IV - 2	-	-7	29	16	-13	40	23	-14	22
IV - 3	28	-5	9	29	-12	38	14	-14	28
IV - 4	20	-1	35	13	9	44	29	-15	26
IV - 5	16	2	11	16	29	10	39	-11	-
IV - 6	9	14	23	9	14	20	19	-20	45
V - 1	15	-18	35	16	-8	47	47	-17	19
V - 2	21	18	6	15	6	55	21	-18	27
V - 3	2	30	-6	4	25	40	13	-16	-
V - 4	12	34	1	28	6	28	29	-20	22
V - 5	19	27	25	-6	7	46	4	-18	26
V - 6	-2	13	24	6	-7	63	12	-25	-
VI - 1	13	35	-9	21	-2	43	11	-10	29
VI - 2	-	41	-	-	7	38	25	-2	5
VI - 3	5	29	-	-	2	43	31	-17	16
VI - 4	21	32	8	7	-9	60	15	-22	29
VI - 5	-3	10	16	30	-6	34	18	-13	28
VI - 6	5	-8	18	21	-1	43	7	-1	15
Average	14.5	7.5	21.6	16.1	-1.2	48.1	18.1	-13.8	26.2
s.d.	9.6	17.4	15.7	13.2	10.5	21.6	12.2	5.5	9.7

Table 2-6. Net snow accumulation (cm) in the 36-stake farm at H180 in 2007–2013.

Stake No.	29 Jan. 2007 23 Jan. 2008 (359 days)	23 Jan. 2008 8 Oct. 2008 (259 days)	8 Oct. 2008 8 Feb. 2010 (488 days)	8 Feb. 2010 24 Sep. 2010 (228 days)	24 Sep. 2010 27 Dec. 2010 (94 days)	27 Dec. 2010 8 Oct. 2011 (285 days)	8 Oct. 2011 11 Oct. 2012 (369 days)	11 Oct. 2012 30 Jan. 2013 (111 days)	30 Jan. 2013 4 Oct. 2013 (247 days)
I - 1	26	32	-	15	-3	41	40	-13	47
- 2	23	41	24	18	-11	60	43	-10	22
- 3	29	32	26	36	-32	96	28	-10	24
- 4	20	29	-	-	5	40	16	-5	36
- 5	19	35	21	-	-2	50	13	-2	37
- 6	14	25	30	39	15	42	15	1	50
II - 1	-	14	8	64	-18	68	44	-5	54
- 2	-	27	-	-	-4	31	43	-18	38
- 3	30	33	38	-	-3	43	33	-12	34
- 4	29	36	17	28	-2	35	28	-14	35
- 5	33	16	-	-	-5	36	26	-11	22
- 6	22	23	26	17	12	21	30	-8	41
III - 1	-	10	-	-	10	35	26	-7	-35
- 2	-	21	22	18	1	43	29	-8	37
- 3	-	26	28	10	3	33	33	-3	24
- 4	32	36	17	17	0	34	37	-6	17
- 5	19	36	18	38	-5	43	37	-14	28
- 6	30	19	30	35	-2	49	18	-11	35
IV - 1	27	25	25	25	3	62	25	-16	-
- 2	34	23	17	13	6	6	69	-16	38
- 3	-	18	22	15	2	50	30	-8	40
- 4	25	26	30	14	4	52	45	-13	24
- 5	20	33	37	32	-6	61	35	-15	36
- 6	14	39	-	-	-3	26	38	-12	42
V - 1	19	37	-	-	-4	42	25	-1	4
- 2	16	30	35	32	-6	77	15	-3	32
- 3	19	29	21	15	-3	48	20	-5	-
- 4	11	34	17	34	4	82	35	-15	37
- 5	-2	38	19	22	5	54	20	-11	37
- 6	20	34	30	23	-4	29	33	-5	35
VI - 1	20	30	40	24	1	45	14	-7	-
- 2	-	29	27	19	-7	49	23	-10	43
- 3	11	38	-	-	0	39	28	-13	39
- 4	31	21	24	54	-1	37	30	-8	31
- 5	-	16	31	16	-5	40	28	-16	32
- 6	7	32	32	19	-1	60	25	-8	19
Average	21.4	28.4	25.4	25.5	-1.4	46.1	29.9	-9.4	31.3
s.d.	8.5	7.8	7.5	12.9	8.1	17.2	11.1	4.8	15.5

Table 2-7. Net snow accumulation (cm) in the 36-stake farm at S122 in 2007–2013.

Stake No.	29 Jan. 2007 9 Oct. 2008 (619 days)	9 Oct. 2008 6 Feb. 2010 (485 days)	6 Feb. 2010 25 Sep. 2010 (231 days)	25 Sep. 2010 28 Dec. 2010 (94 days)	28 Dec. 2010 9 Oct. 2011 (285 days)	9 Oct. 2011 12 Oct. 2012 (369 days)	12 Oct. 2012 30 Jan. 2013 (110 days)	30 Jan. 2013 5 Oct. 2013 (248 days)
I - 1	35	29	0	6	35	-18	2	32
I - 2	14	8	34	4	8	8	-8	23
I - 3	-26	20	39	5	8	8	-12	9
I - 4	13	30	26	17	-7	21	-7	2
I - 5	23	28	19	9	0	9	-8	21
I - 6	10	25	21	-1	10	7	-12	22
II - 1	46	9	42	13	2	-9	2	1
II - 2	24	2	23	9	18	7	-4	12
II - 3	-	5	7	26	-1	16	-8	12
II - 4	-	-8	3	19	29	9	-18	22
II - 5	25	-5	61	-27	29	13	-14	37
II - 6	9	1	40	-22	7	29	-15	23
III - 1	13	7	4	0	33	18	-10	22
III - 2	34	3	18	-7	24	17	-8	91
III - 3	30	12	6	0	22	17	-6	23
III - 4	33	24	-2	-1	41	15	-39	38
III - 5	16	16	2	-1	21	25	-17	24
III - 6	-	5	5	0	15	87	-57	17
IV - 1	29	16	3	16	10	-4	12	77
IV - 2	33	25	11	-7	13	24	-10	33
IV - 3	25	27	4	-5	19	31	-12	53
IV - 4	33	22	3	-3	30	25	-11	32
IV - 5	32	17	11	-12	34	19	-2	13
IV - 6	34	7	16	-13	64	4	-2	26
V - 1	17	4	11	-14	32	32	-13	27
V - 2	37	2	9	-6	30	17	-16	-2
V - 3	30	13	1	-3	45	15	-14	9
V - 4	-	5	13	-4	28	25	-13	27
V - 5	-	-11	15	12	24	4	-10	40
V - 6	33	-4	19	1	5	12	-12	55
VI - 1	25	2	23	11	33	25	-9	0
VI - 2	36	-3	23	14	27	14	-14	20
VI - 3	25	-5	12	63	-5	3	6	-1
VI - 4	40	-1	34	16	-1	15	-18	39
VI - 5	24	-6	56	3	-5	38	-17	46
VI - 6	21	3	33	-2	20	18	-14	8
Average	24.9	9.0	17.9	3.2	19.4	16.6	-11.3	25.9
s.d.	13.2	11.7	15.7	15.3	16.0	16.6	11.5	20.4

Table 2-8. Net snow accumulation (cm) in the 36-stake farm at Z40 in 2007–2013.

Stake No.	28 Jan. 2007 22 Jan. 2008 (359 days)	22 Jan. 2008 10 Oct. 2008 (262 days)	10 Oct. 2008 5 Feb. 2010 (483 days)	5 Feb. 2010 26 Sep. 2010 (233 days)	26 Sep. 2010 29 Dec. 2010 (94 days)	29 Dec. 2010 10 Oct. 2011 (285 days)	10 Oct. 2011 14 Oct. 2012 (370 days)	14 Oct. 2012 29 Jan. 2013 (107 days)	29 Jan. 2013 6 Oct. 2013 (250 days)
I - 1	4	-1	14	-2	-2	12	-2	-13	2
- 2	-3	-1	0	0	-3	-2	-1	-5	55
- 3	-1	5	-5	11	-3	8	-1	-7	-1
- 4	-2	0	-9	6	-5	1	4	-10	8
- 5	5	-2	3	2	-2	7	-2	-11	35
- 6	-3	2	2	0	-1	-1	15	-6	-1
II - 1	3	-3	-5	9	-4	5	15	0	1
- 2	3	-1	-3	18	-7	-8	13	-11	8
- 3	6	3	-8	-4	-2	1	11	-4	43
- 4	0	6	1	-3	-2	6	21	-14	38
- 5	1	-4	12	-2	-1	-4	15	-16	31
- 6	-4	-1	-6	0	-3	12	7	-10	-1
III - 1	18	3	3	-3	-2	31	2	-12	20
- 2	10	0	7	0	6	30	-3	-10	48
- 3	15	0	-2	2	-3	19	6	-6	49
- 4	6	2	-2	5	-7	12	0	-7	35
- 5	1	2	0	5	-2	0	4	-10	13
- 6	11	3	-4	23	-4	8	-4	-4	2
IV - 1	12	11	0	-2	-2	18	20	-21	6
- 2	8	11	13	-4	-3	4	0	0	15
- 3	6	-3	7	-1	-1	10	-2	-6	28
- 4	-2	-2	-3	2	-3	0	17	-7	-
- 5	-3	2	1	11	-3	-1	5	-5	10
- 6	8	5	-3	23	-13	12	6	-6	13
V - 1	6	-1	4	-1	-2	-1	-3	18	4
- 2	8	-7	7	0	-5	0	48	-3	1
- 3	-3	2	3	4	-9	10	20	3	-1
- 4	23	4	11	-1	-1	11	7	-3	-2
- 5	21	12	9	-2	-2	8	29	-10	5
- 6	12	12	22	-1	-1	21	-2	-3	9
VI - 1	7	3	4	3	-2	11	9	11	1
- 2	-1	2	2	1	-3	14	31	5	-1
- 3	2	1	-5	9	-2	-53	-6	-9	-2
- 4	6	0	6	-1	-2	-51	0	-4	0
- 5	15	5	2	10	5	39	6	-3	3
- 6	14	-2	12	17	-4	29	-3	2	1
Average	5.8	1.9	2.5	3.7	-2.8	6.1	7.8	-5.5	13.6
s.d.	7.1	4.4	6.9	7.2	3.0	17.8	11.8	7.3	17.3

Table 2-9. Net snow accumulation (cm) in the 36-stake farm at Dome Fuji Station in 2007–2013.

Stake No.	9 Jan. 2007 8 Jan. 2008 (364 days)	8 Jan. 2008 13 Jan. 2010 (736 days)	13 Jan. 2010 18 Jan. 2011 (370 days)	18 Jan. 2011 11 Jan. 2013 (724 days)
I - 1	15.0	26.5	2.5	25.0
- 2	8.0	27.0	11.5	12.5
- 3	11.5	30.0	-2.0	19.0
- 4	7.0	26.0	3.0	26.0
- 5	6.0	38.0	-4.0	27.0
- 6	-1.0	33.5	-1.0	28.0
II - 1	21.5	15.0	18.5	7.5
- 2	5.5	23.5	5.0	22.5
- 3	10.5	32.0	7.0	20.5
- 4	12.0	25.0	2.5	37.5
- 5	2.5	36.0	-1.5	29.0
- 6	16.0	25.5	-4.5	22.5
III - 1	15.0	26.0	1.5	25.5
- 2	12.0	17.0	1.5	32.5
- 3	17.0	13.0	7.5	27.0
- 4	7.0	24.0	8.0	26.5
- 5	7.5	34.5	-2.5	30.5
- 6	2.0	36.0	5.5	29.0
IV - 1	13.0	12.5	2.0	29.5
- 2	13.0	22.5	3.0	22.0
- 3	13.5	22.0	4.5	22.5
- 4	5.5	25.5	7.5	23.0
- 5	18.0	16.5	7.0	16.5
- 6	15.0	24.0	2.0	29.5
V - 1	1.0	28.5	5.0	22.0
- 2	9.5	35.0	-4.5	20.5
- 3	13.5	30.5	5.5	14.5
- 4	11.5	23.0	5.5	22.5
- 5	8.0	25.5	3.0	27.0
- 6	13.0	20.5	9.0	27.0
VI - 1	5.0	25.0	4.0	27.0
- 2	3.0	28.5	1.0	20.0
- 3	20.0	17.0	8.0	18.0
- 4	9.5	31.5	-3.0	21.0
- 5	13.0	25.5	5.0	27.0
- 6	20.0	22.5	-1.0	29.5
Average	10.6	25.7	3.4	24.1
s.d.	5.6	6.5	4.8	5.9

Table 2-10. Net snow accumulation (cm) in the 101-stake row at Mizuho Station in 2007–2013. (1/2)

Stake No.	28 Jan. 2007 21 Jan. 2008 (358 days)	21 Jan. 2008 12 Oct. 2008 (265 days)	12 Oct. 2008 4 Feb. 2010 (480 days)	4 Feb. 2010 29 Sep. 2010 (237 days)	29 Sep. 2010 30 Dec. 2010 (92 days)	30 Dec. 2010 12 Oct. 2011 (286 days)	12 Oct. 2011 15 Oct. 2012 (369 days)	15 Oct. 2012 29 Jan. 2013 (106 days)	29 Jan. 2013 10 Oct. 2013 (254 days)
102	21	-1	14	11	12	41	4	-6	-2
103	16	-3	14	13	15	37	7	-13	0
104	18	-2	8	12	16	43	3	-10	-1
105	19	-6	5	10	20	48	-2	-4	5
106	22	-11	8	6	23	53	2	-11	11
107	25	-6	3	2	23	43	-2	-2	
108	21	0	-1	2	22	37	-2	-3	10
109	21	-2	0	6	14	51	-3	-4	-2
110	24	-4	-5	7	19	56	3	-7	-1
111	29	-2	-9	-13	39	44	7	-11	-1
112	34	-3	-8	6	22	56	2	-6	0
113	38	-6	-6	7	19	54	5	-9	0
114	38	7	-15	5	19	22	39	-14	1
115	35	-1	-9	1	27	42	19	-20	1
116	31	-2	-7	10	16	44	15	-15	-6
117	30	-2	-3	4	25	33	18	-16	2
118	28	-3	-2	3	34	21	17	-19	4
119	24	-3	3	2	33	34	-3	-8	4
120	19	-1	1	1	33	28	3	0	-1
121	23	-6	3	1	37	19	4	0	0
122	21	8	-11	4	39	12	9	-4	1
123	19	0	6	0	39	8	11	-11	6
124	15	-1	18	0	40	-4	12	-9	6
125	17	-6	23	0	43	-2	1	-13	7
126	16	-2	16	0	44	3	-5	-7	1
127	17	1	10	0	46	-2	-2	-7	0
128	19	-2	7	0	47	-3	-4	-1	-2
129	15	-5	12	2	42	-5	-4	-4	-2
130	-3	-2	-8	1	51	-7	-6	-5	-1
131	12	-11	-12	8	51	-5	-3	-8	0
132	26	-9	-6	0	53	-6	-1	-7	-2
133	27	-2	-7	0	60	-7	-6	-8	-1
134	19	-1	-9	0	55	-6	-5	-10	-1
135	15	-3	-8	1	54	-8	-2	-7	3
136	6	-3	-2	2	49	1	-7	-6	-
137	13	-2	1	1	37	2	1	-3	0
138	14	-7	10	0	29	3	5	-4	-1
139	11	-3	10	-4	24	9	7	-6	-3
140	12	2	7	-6	29	3	9	-2	0
141	11	3	8	-5	26	1	11	3	-1
142	10	4	7	-5	27	-2	18	-2	-1
143	13	2	2	-2	23	2	16	-6	1
144	10	-1	7	-5	23	5	20	-6	0
145	12	-1	3	-4	24	3	14	-5	-
146	11	1	2	-4	22	3	15	2	1
147	12	0	1	-1	16	5	16	-2	-1
148	24	-2	-6	-3	20	-1	20	-3	0
149	19	-2	-6	-2	17	0	17	7	1
150	20	-5	-5	-1	17	-1	21	10	1
151	20	-2	-8	0	16	-1	32	-4	-1
51	12	-5	-5	0	21	-2	22	6	0
152	4	-3	-4	-1	18	0	40	-14	-4
153	1	-1	-7	-1	21	-1	32	-5	0
154	0	-1	-6	-1	23	-2	21	6	-
155	-1	-2	-6	-1	22	2	18	4	-1
156	-2	0	-7	0	17	-1	17	2	2
157	-2	-1	-10	1	21	-3	15	7	1
158	-4	-2	-7	1	11	15	14	5	-2
159	-2	-3	-8	0	24	-3	16	1	-3
160	-1	-2	-7	0	22	0	16	4	-1
161	-1	-1	-6	0	14	11	13	-2	4
162	-2	-2	-6	-1	12	14	10	6	0
163	-1	-2	-7	0	11	15	15	-8	2
164	0	-2	-5	0	17	10	26	-6	4
165	-2	-1	-2	-5	25	6	23	-18	9
166	-3	0	-3	-4	26	5	25	-23	9
167	-2	-1	3	-4	25	1	20	-9	6
168	1	0	2	0	21	4	25	-11	-2
169	-1	-1	3	2	22	5	20	-7	0

Table 2-10. Continued. (2/2)

Stake No.	28 Jan. 2007 21 Jan. 2008 (358 days)	21 Jan. 2008 12 Oct. 2008 (265 days)	12 Oct. 2008 4 Feb. 2010 (480 days)	4 Feb. 2010 29 Sep. 2010 (237 days)	29 Sep. 2010 30 Dec. 2010 (92 days)	30 Dec. 2010 12 Oct. 2011 (286 days)	12 Oct. 2011 15 Oct. 2012 (369 days)	15 Oct. 2012 29 Jan. 2013 (106 days)	29 Jan. 2013 10 Oct. 2013 (254 days)
170	3	-2	3	0	24	6	14	-10	0
171	2	-3	-1	0	37	2	11	-5	-2
172	9	-6	-4	-1	38	6	13	-6	0
173	11	-2	-6	-1	34	6	20	-14	0
174	13	5	-11	-1	41	-6	13	-5	0
175	11	6	-3	0	34	-4	7	-6	0
176	13	3	0	0	31	-3	6	-13	4
177	13	-1	-2	-1	26	-2	6	-6	1
178	27	-1	-5	0	25	-4	-1	1	0
179	29	-3	-2	1	20	2	-8	2	0
180	23	-2	-5	0	24	-2	-3	-1	2
181	25	-1	-6	-1	22	-1	-2	-6	1
182	19	-2	-7	0	21	-1	-2	-4	1
183	15	0	-6	-1	18	-4	5	-5	3
184	5	-3	-4	-1	17	-5	5	2	2
185	4	-3	-6	0	17	-4	6	-4	6
186	0	-2	-7	0	11	0	4	-9	-
187	-3	-2	-4	0	16	-3	-4	-8	15
188	-1	-3	-7	0	11	-4	2	-9	9
189	1	-6	-6	-2	10	-3	8	-11	9
190	9	-7	-8	-1	14	-3	6	-12	5
191	3	-4	-8	0	-1	5	9	-12	6
192	0	-2	-8	-1	1	5	11	-11	0
193	4	-6	-3	0	2	-3	14	-8	0
194	-1	-1	-7	0	0	-1	14	-15	0
195	-2	-2	-4	0	8	-2	12	-17	0
196	-3	-2	-3	-2	17	-2	10	-20	0
197	-1	-1	-2	-4	22	-2	7	-13	0
198	1	-1	1	-5	16	-2	11	-12	0
199	1	-2	5	-7	11	4	10	-8	0
200	7	-4	-1	-4	10	6	12	-9	0
201	10	-2	6	-1	-1	10	22	-20	-2
Average	12.0	-2.0	-1.5	0.2	24.5	8.6	9.5	-6.4	1.2
s.d.	11.1	3.0	7.1	3.9	13.0	17.2	10.1	6.6	3.4

Table 2-11. Net snow accumulation (cm) in the 50-stake row at MD180 in 2007–2013.

Stake No.	26 Jan. 2007 18 Jan. 2008 (357 days)	18 Jan. 2008 2 Feb. 2010 (746 days)	2 Feb. 2010 5 Feb. 2011 (368 days)	5 Feb. 2011 26 Jan. 2013 (721 days)
1	-2	3	2	21
2	-3	17	-1	19
3	-2	11	1	18
4	-2	16	14	0
5	-3	17	-2	22
6	0	20	-3	18
7	-4	24	2	12
8	-4	31	-3	20
9	-2	29	-2	11
10	-2	20	-2	16
11	-1	25	1	0
12	-2	26	-11	-1
13	-2	16	16	3
14	1	24	12	0
15	-2	44	-2	-10
16	-2	45	3	-6
17	-3	49	0	-3
18	-2	28	14	-3
19	-1	15	13	-2
20	12	0	18	1
21	-11	12	3	1
22	-11	27	20	-9
23	-6	31	9	-4
24	-2	51	0	-22
25	-3	28	-3	10
26	-3	40	-3	-1
27	-2	35	2	3
28	-2	26	-3	0
29	-2	23	-3	-7
30	0	2	-1	4
31	-2	-4	-3	2
32	-4	-5	-3	9
33	-4	-5	-3	14
34	-3	-6	-1	15
35	-3	-5	-3	12
36	-1	6	-4	-3
37	-2	14	-3	-2
38	-2	5	-2	-3
39	-2	10	-3	1
40	4	11	-3	-3
41	2	13	-3	-7
42	-1	2	-2	-4
43	-1	10	-2	-3
44	-1	15	-6	-5
45	-7	25	-5	1
46	-2	33	-4	-7
47	-2	26	-4	-5
48	-11	25	-3	-3
49	-10	26	-4	0
50	-7	30	-9	17
Average	-2.5	19.2	0.4	2.7
s.d.	3.6	14.4	6.8	9.6

Table 2-12. Net snow accumulation (cm) in the 50-stake row at MD364 in 2007–2013.

Stake No.	24 Jan. 2007 15 Jan. 2008 (356 days)	15 Jan. 2008 29 Jan. 2010 (745 days)	29 Jan. 2010 7 Jan. 2011 (343 days)	7 Jan. 2011 21 Jan. 2013 (745 days)
1	20	25	-1	23
2	22	23	5	28
3	11	32	3	18
4	32	18	-1	15
5	20	29	0	31
6	9	40	0	31
7	13	31	5	22
8	7	39	1	28
9	6	45	-2	19
10	8	49	-2	6
11	4	46	-2	3
12	-4	47	-3	30
13	-2	42	-3	20
14	-1	43	-2	21
15	-4	46	-6	27
16	2	39	1	22
17	6	30	3	24
18	7	28	2	9
19	2	30	0	11
20	2	25	-1	18
21	7	23	0	9
22	-1	30	4	3
23	-2	34	-1	6
24	-1	40	-1	3
25	-1	39	12	-2
26	-1	39	5	0
27	-2	47	-1	-4
28	-1	31	8	0
29	-1	35	12	4
30	-1	30	-1	23
31	-1	26	-1	19
32	-3	24	0	19
33	-3	34	2	3
34	-1	37	0	15
35	1	31	8	29
36	-2	26	14	43
37	-1	25	18	48
38	1	23	23	25
39	-1	26	29	32
40	2	16	21	52
41	3	18	14	55
42	-7	24	14	61
43	1	25	7	46
44	15	24	7	44
45	20	13	9	22
46	12	19	10	26
47	15	15	7	35
48	18	27	-4	41
49	20	29	-1	41
50	18	27	-1	54
Average	5.3	30.9	4.2	23.2
s.d.	8.8	9.2	7.6	16.4

Table 2-13. Net snow accumulation (cm) in the 50-stake row at MD560 in 2007–2013.

Stake No.	20 Jan. 2007 12 Jan. 2008 (357 days)	12 Jan. 2008 27 Jan. 2010 (746 days)	27 Jan. 2010 10 Jan. 2011 (348 days)	10 Jan. 2011 18 Jan. 2013 (739 days)
1	41	23	3	33
2	39	24	2	39
3	27	22	2	43
4	39	18	5	36
5	13	41	0	42
6	11	45	0	35
7	18	40	1	37
8	-4	51	-1	32
9	-2	49	1	30
10	-1	40	6	32
11	34	33	7	31
12	9	29	12	29
13	17	23	4	42
14	22	20	-1	37
15	27	20	-1	45
16	10	30	0	40
17	1	35	1	45
18	1	38	1	48
19	-13	44	0	42
20	10	39	-1	43
21	18	30	0	52
22	28	23	0	53
23	26	33	-1	43
24	26	24	0	50
25	27	15	-1	38
26	17	29	-2	26
27	5	21	2	28
28	8	14	7	26
29	11	20	11	20
30	11	35	8	21
31	26	22	16	25
32	31	25	16	30
33	16	30	17	21
34	22	34	16	7
35	22	41	15	9
36	18	37	15	11
37	16	37	7	27
38	13	35	8	19
39	27	27	5	21
40	-15	35	8	19
41	-21	29	11	33
42	-22	28	13	31
43	-1	24	13	27
44	-6	25	19	27
45	11	22	16	32
46	16	17	16	40
47	6	29	19	50
48	17	33	8	52
49	13	32	6	46
50	23	20	-3	48
Average	13.8	29.8	6.1	33.9
s.d.	14.6	8.9	6.7	11.4

Table 2-14. Net snow accumulation (cm) in the 50-stake row at DF80 in 2007–2013.

Stake No.	14 Jan. 2007 9 Jan. 2008 (360 days)	9 Jan. 2008 22 Jan. 2010 (744 days)	22 Jan. 2010 26 Jan. 2011 (369 days)	26 Jan. 2011 9 Jan. 2013 (714 days)
1	12	25	7	17
2	10	37	1	22
3	13	31	6	24
4	15	27	8	26
5	8	30	3	23
6	0	25	3	28
7	-2	22	8	28
8	-3	22	7	29
9	-2	17	8	24
10	-2	25	3	22
11	4	29	0	20
12	5	22	2	24
13	5	19	2	25
14	12	13	7	26
15	11	13	10	25
16	4	23	11	21
17	-1	28	5	19
18	7	30	-1	20
19	6	18	7	23
20	6	19	16	21
21	7	28	1	27
22	8	32	-1	26
23	4	26	7	24
24	4	26	0	29
25	7	34	-1	20
26	6	28	-1	26
27	8	28	4	18
28	4	34	1	17
29	2	37	5	15
30	-1	34	3	20
31	-1	30	0	20
32	-3	16	13	19
33	-1	19	21	13
34	1	33	1	26
35	15	20	6	31
36	14	22	10	27
37	7	29	15	24
38	9	27	11	26
39	11	22	13	26
40	7	26	18	27
41	11	18	11	28
42	15	16	9	28
43	11	9	9	33
44	11	12	5	31
45	8	10	17	16
46	7	14	14	20
47	4	18	10	23
48	2	17	8	25
49	9	17	8	22
50	6	24	4	18
Average	5.9	23.6	6.7	23.4
s.d.	5.0	7.1	5.5	4.4

Table 2-15. Recent stake positions measured with handheld GPS. Each point is shown in Figs. 2, 3 and 4. The coordinate system is WGS-84.

S16	Latitude		Longitude	
I-1	S 69 °	1.732 ' ,	E 40 °	3.058 ' ,
I-6	S 69 °	1.740 ' ,	E 40 °	2.987 ' ,
VI-1	S 69 °	1.707 ' ,	E 40 °	3.040 ' ,
VI-6	S 69 °	1.715 ' ,	E 40 °	2.968 ' ,

H68	Latitude		Longitude	
I-1	S 69 °	11.502 ' ,	E 41 °	3.687 ' ,
I-6	S 69 °	11.527 ' ,	E 41 °	3.500 ' ,
VI-1	S 69 °	11.447 ' ,	E 41 °	3.657 ' ,
VI-6	S 69 °	11.462 ' ,	E 41 °	3.505 ' ,

H180	Latitude		Longitude	
I-1	S 69 °	35.102 ' ,	E 41 °	59.743 ' ,
I-6	S 69 °	35.125 ' ,	E 41 °	59.653 ' ,
VI-1	S 69 °	35.072 ' ,	E 41 °	59.675 ' ,
VI-6	S 69 °	35.093 ' ,	E 41 °	59.588 ' ,

S122	Latitude		Longitude	
I-1	S 70 °	1.238 ' ,	E 43 °	7.935 ' ,
I-6	S 70 °	1.255 ' ,	E 43 °	7.777 ' ,
VI-1	S 70 °	1.188 ' ,	E 43 °	7.888 ' ,
VI-6	S 70 °	1.203 ' ,	E 43 °	7.738 ' ,

Z40	Latitude		Longitude	
I-1	S 70 °	19.197 ' ,	E 43 °	39.252 ' ,
I-6	S 70 °	19.202 ' ,	E 43 °	39.087 ' ,
VI-1	S 70 °	19.143 ' ,	E 43 °	39.245 ' ,
VI-6	S 70 °	19.148 ' ,	E 43 °	39.083 ' ,

Dome Fuji	Latitude		Longitude	
I-1	S 77 °	18.911 ' ,	E 39 °	42.836 ' ,
I-6	S 77 °	18.931 ' ,	E 39 °	42.594 ' ,
VI-1	S 77 °	18.857 ' ,	E 39 °	42.750 ' ,
VI-6	S 77 °	18.878 ' ,	E 39 °	42.509 ' ,

Mizuho	Latitude		Longitude	
No.102	S 70 °	41.973 ' ,	E 44 °	16.978 ' ,
No.201	S 70 °	41.935 ' ,	E 44 °	16.862 ' ,

MD180	Latitude		Longitude	
No.1	72 °	21.749 ' ,	E 43 °	41.437 ' ,
No.50	72 °	21.702 ' ,	E 43 °	41.495 ' ,

MD364	Latitude		Longitude	
No.1	74 °	0.441 ' ,	E 42 °	59.786 ' ,
No.50	74 °	0.395 ' ,	E 42 °	59.891 ' ,

MD560	Latitude		Longitude	
No.1	75 °	45.860 ' ,	E 41 °	26.431 ' ,
No.50	75 °	45.815 ' ,	E 41 °	26.558 ' ,

DF80	Latitude		Longitude	
No.1	77 °	22.393 ' ,	E 39 °	36.841 ' ,
No.50	77 °	22.341 ' ,	E 39 °	36.891 ' ,

Table 3. Net snow accumulation (cm) from Tottsuki to S16. (1/2)

	2 Feb.1992	27 Apr.1992	27 Jul.1992	22 Sep.1992	2 Feb.1993	13 May.1993	25 Apr. 2001	19-20 Nov. 2002	11 Feb. 2003	24 Nov. 2009	5 Dec. 2010
	27 Apr.1992	27 Jul.1992	22 Sep.1992	2 Feb.1993	13 May.1993	9 Sep.1993	27 Jul. 2001	11 Feb. 2003	27 Oct. 2003	7 May. 2010	5 Oct. 2011
	(85 days)	(91 days)	(57 days)	(133 days)	(100 days)	(119 days)	(89 days)	(85 days)	(241 days)	(164 days)	(307 days)
N1	-	-	-	-	-	-	-1	-	18	-	-
N2	-	-11	1	-	-	-	6	-	-	-	-
N3	-	-	-	-	-	-	14	-	17	-	-
N4	-	-	-	-	-	-	0	-	-5	-	-
N5	-	10	33	-29	-	-	0	-	14	-	-
N6	-	-	-	-	-	-	1	-	-5	-	-
N7	-	-	-	-	-	-	-1	-	-9	-	-
N7-2	-	-	-	-	-	-	-	-	-	-	-
N8	-	-	-	-	-	-	23	-	59	-	-
N8-2	-	-	-	-	-	-	-11	-	-	-	-
N9	-	-	-	-	-	-	8	-	4	-	-
N9-2	-	-	-	-	-	-	-	-	53	-	-
N10	-	0	-1	-	-	-	-8	-	-1	-	-
N10-2	-	-	-	-	-	-	-	-	-	-	-
N11	-	-	-	-	-	-	-3	-	-38	-	-
N12	-	-	-	-	-	-	-	-	20	-	-
N13	-	-	-	-	-	-	-1	-22	30	-	-
N14	-	-	-	-	-	-	6	-	26	-	-
N15	-	-1	16	-24	15	3	0	-	15	-	-
N16	-	-	-	-	-	-	13	2	-	-	-
P14	-	-	-	-	-	-	1	-	28	28	70
P15	-	-	-	-	-	-	-1	-7	11	22	-
P16	-	-	-	-	-	-	1	-	38	33	-
P17	-	-	-	-	-	-	11	-	-	6	-
P18	-	-	-	-	-	-	-7	-	-	4	-
P19	-	-	-	-	-	-	8	-	55	2	-
P20	8	9	3	-10	-3	56	2	-14	53	32	73
P21	-	-	-	-	-	-	-4	-7	36	1	60
P22	-	-	-	-	-	-	2	-	7	-15	-
P23	-	-	-	-	-	-	19	-	-	-17	-
P24	-	-	-	-	-	-	0	-	32	11	-
P25	15	-14	2	3	24	26	-12	-12	53	-2	-
P26	-	-	-	-	-	-	12	-19	-	-15	62
P27	-	-	-	-	-	-	1	-	-	19	70
P28	-	-	-	-	-	-	8	-	-	14	83
P29	-	-	-	-	-	-	10	-	75	16	81
P30	12	8	16	-10	10	42	7	-5	79	8	75
P31	-	-	-	-	-	-	-15	-10	-	-55	61
P32	-	-	-	-	-	-	-2	-	-	-2	107
P33	-	-	-	-	-	-	4	-	-	83	93
P34	-	-	-	-	-	-	-8	-	81	4	102
P35	7	20	22	-10	15	38	3	-9	65	16	-
P36	-	-	-	-	-	-	13	-10	-	13	-
P37	-	-	-	-	-	-	-9	-	-	9	-
P38	-	-	-	-	-	-	18	-	-	17	-
P39	-	-	-	-	-	-	-23	-	97	-41	-
P40	11	24	18	-	26	30	-2	-5	68	-20	-
P41	-	-	-	-	-	-	5	1	-	22	-
P42	-	-	-	-	-	-	-13	-	-	0	-
P43	-	-	-	-	-	-	-3	-	-	8	-
P44	-	-	-	-	-	-	-8	-	34	2	-
P45	13	-1	0	-7	26	23	-5	-1	69	-8	-
P46	-	-	-	-	-	-	-1	7	-	5	-
P47	-	-	-	-	-	-	6	-	-	10	108
P48	-	-	-	-	-	-	-8	-	-	8	-
P49	-	-	-	-	-	-	2	-	102	6	-
P50	1	0	5	-6	5	13	2	0	-	-5	-
S16	-	-	-	-	-	-	-18	-	-	-	-

Table 3. Continued. (2/2)

	5 Oct. 2011	5 Oct. 2011	12 Sep. 2012	24 Nov. 2012	16 Apr.-15 May 2013	7-8 Aug. 2013	latest position			
	7 Nov. 2011	24 Nov. 2012	24 Nov. 2012	16 Apr.-15 May 2013	7-8 Aug. 2013	5 Nov. 2013	Latitude		Altitude	
	(33 days)	(416 days)	(73 days)	(157 day)	(99 day)	(90 days)	degree-S	degree-E	(m a.s.l.)	
							WGS-84	WGS-84		
N1	-4	-36	-12	-	-	27	68 °	54.747 '	39 °	49.737 ' 13
N2	-7	-18	-6	-	-	-1	68 °	54.810 '	39 °	49.918 ' 16
N3	-1	-45	-15	-	-	-6	68 °	54.937 '	39 °	49.888 ' 33
N4	-15	-58	-23	-	-	3	68 °	55.048 '	39 °	49.828 ' 48
N5	-3	-9	-16	-	-	-3	68 °	55.080 '	39 °	49.903 ' 57
N6	-8	-18	-7	-	-	2	68 °	55.198 '	39 °	50.233 ' 95
N7	-1	-7	-5	-	-	-1	68 °	55.242 '	39 °	50.338 ' 109
N7-2	-11	-23	-4	-	-	-23	68 °	55.355 '	39 °	50.685 ' 131
N8	-64	-12	-5	37	-	5	68 °	55.470 '	39 °	51.147 ' 163
N8-2	-	-	-	-	-	-				
N9	0	-40	-9	-37	-	14	68 °	55.575 '	39 °	51.603 ' 181
N9-2	-51	-	-	-	-	6	68 °	55.647 '	39 °	51.880 ' 202
N10	-1	-20	-5	-	-	-1	68 °	55.690 '	39 °	52.202 ' 220
N10-2	-	-	-	-	-	-				
N11	-14	-27	-5	-	-	1	68 °	55.700 '	39 °	52.525 ' 228
N12	-	-26	-3	-	-	1	68 °	55.703 '	39 °	52.812 ' 232
N13	-	-24	-11	85	-	18	68 °	55.683 '	39 °	53.283 ' 236
N14	-	6	-6	15	-	-13	68 °	55.818 '	39 °	53.637 ' 248
N15	-	13	-5	-	-	-1	68 °	55.938 '	39 °	54.033 ' 270
N16	-	23	-2	-3	-	-6	68 °	56.027 '	39 °	54.248 ' 272
P14	-	34	-6	-10	-	38	68 °	56.152 '	39 °	54.413 ' 277
P15	-	9	-5	-27	-	-19	68 °	56.368 '	39 °	54.690 ' 289
P16	-	-7	-1	-	-	6	68 °	56.557 '	39 °	54.708 ' 294
P17	-	-17	-3	-	-	3	68 °	56.803 '	39 °	54.733 ' 301
P18	-	14	8	-4	-	-3	68 °	57.090 '	39 °	54.737 ' 308
P19	-	18	-8	-3	-	-1	68 °	57.232 '	39 °	54.727 ' 313
P20	-	75	33	62	-	18	68 °	57.423 '	39 °	54.693 ' 318
P21	-	39	1	43	-	-10	68 °	57.583 '	39 °	54.682 ' 319
P22	-	-1	-7	-	-	8	68 °	57.760 '	39 °	54.663 ' 324
P23	-	-4	-5	113	-	1	68 °	57.928 '	39 °	54.762 ' 332
P24	-	2	-10	12	-	18	68 °	58.043 '	39 °	54.953 ' 339
P25	-	21	-6	67	-	-1	68 °	58.147 '	39 °	55.343 ' 345
P26	-	41	-4	57	-	-8	68 °	58.228 '	39 °	55.765 ' 354
P27	-	25	23	73	-	18	68 °	58.307 '	39 °	56.173 ' 366
P28	-	59	23	21	-	17	68 °	58.405 '	39 °	56.597 ' 379
P29	-	37	16	85	-	14	68 °	58.485 '	39 °	57.037 ' 391
P30	-	35	11	15	-	20	68 °	58.572 '	39 °	57.453 ' 395
P31	-	37	-7	32	-	28	68 °	58.658 '	39 °	57.868 ' 404
P32	-	-2	-2	-	-	-20	68 °	58.763 '	39 °	58.418 ' 414
P33	-	52	0	-	-	14	68 °	58.863 '	39 °	58.877 ' 427
P34	-	69	35	34	-	25	68 °	58.950 '	39 °	59.268 ' 442
P35	-	43	-7	-	-	-1	68 °	59.103 '	39 °	59.447 ' 454
P36	-	23	-8	-	-	-7	68 °	59.262 '	39 °	59.618 ' 462
P37	-	11	-4	-	-	-2	68 °	59.442 '	39 °	59.663 ' 467
P38	-	35	7	-	-	-16	68 °	59.627 '	39 °	59.703 ' 470
P39	-	50	10	13	-	2	68 °	59.772 '	39 °	59.760 ' 471
P40	-	30	-13	-	-	-8	68 °	59.953 '	39 °	59.825 ' 473
P41	-	17	2	-	-	-3	69 °	0.177 '	39 °	59.910 ' 482
P42	-	19	-2	-	-	-1	69 °	0.378 '	39 °	59.980 ' 490
P43	-	0	-7	-	-	-8	69 °	0.533 '	40 °	0.287 ' 502
P44	-	1	-7	-	-	-9	69 °	0.668 '	40 °	0.527 ' 507
P45	-	24	-5	-	-	-5	69 °	0.792 '	40 °	0.665 ' 510
P46	-	48	-3	-	-	-2	69 °	0.957 '	40 °	0.978 ' 515
P47	-	76	-2	-	-	0	69 °	1.138 '	40 °	1.293 ' 517
P48	-	50	-9	122	-	44	69 °	1.338 '	40 °	1.693 ' 528
P49	-	8	-3	-	-	-2	69 °	1.480 '	40 °	2.037 ' 535
P50	-	14	-3	-	-	-2	69 °	1.613 '	40 °	2.367 ' 539
S16	-	5	-2	-	-	-4	69 °	1.758 '	40 °	3.017 ' 556