

浅間山の大学合同稠密地震観測 (2005 年 7 月-2007 年 7 月)

武尾 実^{1)*}・青木陽介¹⁾・大湊隆雄¹⁾・卜部 卓¹⁾・及川 純¹⁾・辻 浩¹⁾・小山悦郎¹⁾・長田昇¹⁾・大島弘光²⁾・青山 裕²⁾・前川徳光²⁾・鈴木敦生²⁾・田中 聡³⁾・石原吉明³⁾・山本 希³⁾・山田 守⁴⁾・大倉敬宏⁵⁾・井上寛之⁵⁾・井口正人⁶⁾・為栗 健⁶⁾・植平賢司⁷⁾・中元真美⁷⁾・平野舟一郎⁸⁾

¹⁾ 東京大学地震研究所・²⁾ 北海道大学大学院理学研究院・³⁾ 東北大学大学院理学研究科・⁴⁾ 名古屋大学大学院環境学研究科・⁵⁾ 京都大学大学院理学研究科・⁶⁾ 京都大学防災研究所・⁷⁾ 九州大学大学院理学研究院・⁸⁾ 鹿児島大学理学部

Japanese University Joint Dense Seismic Observation on and around Mt. Asama Volcano (July 2005-July 2007)

Minoru Takeo^{1)*}, Yosuke Aoki¹⁾, Takao Ohminato¹⁾, Taku Urabe¹⁾, Jun Oikawa¹⁾, Hiroshi Tsuji¹⁾, Etsuro Koyama¹⁾, Noboru Osada¹⁾, Hiromitsu Oshima²⁾, Hiroshi Aoyama²⁾, Tokumitsu Maekawa²⁾, Atsuo Suzuki²⁾, Satoshi Tanaka³⁾, Yoshiaki Ishihara³⁾, Mare Yamamoto³⁾, Mamoru Yamada⁴⁾, Takahiro Okura⁵⁾, Hiroyuki Inoue⁵⁾, Masato Iguchi⁶⁾, Ken Tamekuri⁶⁾, Kenji Uehira⁷⁾, Masami Nakamoto⁷⁾ and Shuichiro Hirano⁸⁾

¹⁾ Earthquake Research Institute, University of Tokyo, ²⁾ Graduate School of Science, Hokkaido University, ³⁾ Graduate School of Science, Tohoku University, ⁴⁾ Graduate School of Science, Nagoya University, ⁵⁾ Graduate School of Science, Kyoto University, ⁶⁾ Disaster Prevention Research Institute, Kyoto University, ⁷⁾ Graduate School of Science, Kyushu University, ⁸⁾ Faculty of Science, Kagoshima University

Abstract

A joint dense seismic observation experiment was conducted during the period from July 2005 to July 2007 in cooperation of researchers of national universities and Japan Meteorological Agency (JMA) under the national project for prediction of volcanic eruption. A main subject of this project is clarification of subsurface velocity structure of Asama volcano and of surrounding area penetrating to the upper mantle around 100 km deep. We installed 15 seismographs temporarily on and around Asama volcano and the data was transmitted to the Volcano Research Center, Earthquake Research Institute, University of Tokyo, by satellite, and cable telemetry systems. The Volcano Research Center further collected 6171 seismic data of permanent stations around Asama volcano operated by related research institutions, picking initial P- and S-wave phases manually. All the data will be compiled and distributed to the cooperated research institutions.

Key words: Mt. Asama, volcanic activity, velocity structure, eruption prediction

1. はじめに

2004 年 9 月 1 日午後 8 時に 21 年ぶりの中規模噴火が発生した浅間山は、その後、数回の中・小規模噴火を繰り返してながら、2005 年夏頃には一旦、活動が低下した

(気象庁, 2005)。しかし、地震活動は噴火前よりも高いレベルを維持し続け、2008 年夏頃より山体深部へのマグマ供給を示す地殻変動や地震活動が観測され、2008 年 8 月の微噴火、2009 年 2 月の小噴火へと推移してきた。こ

*e-mail: takeo@eri.u-tokyo.ac.jp (1-1-1 Yayoi, Bunkyo-ku, Tokyo 113-0032, Japan)

の間、2004 年噴火前後の地震活動、地殻変動の詳細な解析（例えば、青木他、2005; 村上、2005; Takeo *et al.*, 2006）や人工地震探査による浅間山山体の速度構造解明（Aoki *et al.*, 2009）により、浅間山における海面下 2~3 km 以浅のマグマ供給系と火山体構造の関連が次第に明らかに成りつつある。しかし、より深部の構造とマグマ供給系は未解明である。

そこで、2005 年 7 月~2007 年 7 月にかけて、浅間山深部のマグマ供給系解明の手始めとして、浅間山深部から上部マントルに至る地震波速度構造の解明を目指した稠密地震観測が、火山噴火予知計画に基づく 2005 年浅間山集中観測の一環として行われた。本稿では、この大学合同稠密地震観測と収録した地震波形データベースの観測結果の概要について記す。

2. 観測の概要

2.1 臨時稠密地震観測

2001 年~2002 年にかけて全国に展開された基盤高感度地震観測網（Hi-net）により、全国に約 20 km 間隔で高感度のボアホール地震観測点が整備されたが、火山周辺では観測環境が比較的劣悪なため、火山体及びその周辺に設置された観測点はあまり多くない。さらに、水平間隔約 20 km では火山体の空間スケールからみても不

十分であり、火山体及びその深部の地震波速度構造を詳細に解明するためには十分な観測網とはなっていない。そこで、浅間山を含む長野県東部から群馬県西部地域の上部マントルまでの地震波速度構造を明らかにする事を目指し、浅間山山体及びその周辺に新たに衛星テレメータによる臨時地震観測点 17 点を設置し、浅間山を中心とする東西・南北約 100 km の領域内にある既存の 103 箇所の地震観測点のデータとともに収録した。

浅間山周辺では、火口から約 5 km 以内の山体に地震研究所と気象庁で 14 カ所の地震観測点を設けているが、その周辺約 25 km 以内には 2 箇所の Hi-net 観測点以外には地震観測点がなく、特に、浅間山の東側では最も近い観測点でも約 30 km 離れている。そこで、2004 年秋~2005 年春にかけて浅間山周辺の約 30 km 四方の領域で臨時観測点の事前調査を行い、17 カ所の臨時観測点の設置場所を選定した。収録した観測点全体の配置図を図 1 に示す。浅間山周辺の臨時観測点を含む観測点は位置の拡大図を図 2 に示す。既存の観測点の内訳は、気象庁の浅間火山観測網 5 点、気象庁の地震観測網 6 点、防災科学技術研究所 Hi-net 観測網 53 点、地震研究所の地震地殻変動観測センターが管理する観測網 11 点、火山噴火予知研究推進センターが管理する定常観測網 11 点の計 103 観測点である。それらに臨時観測点 17 点を加えた、

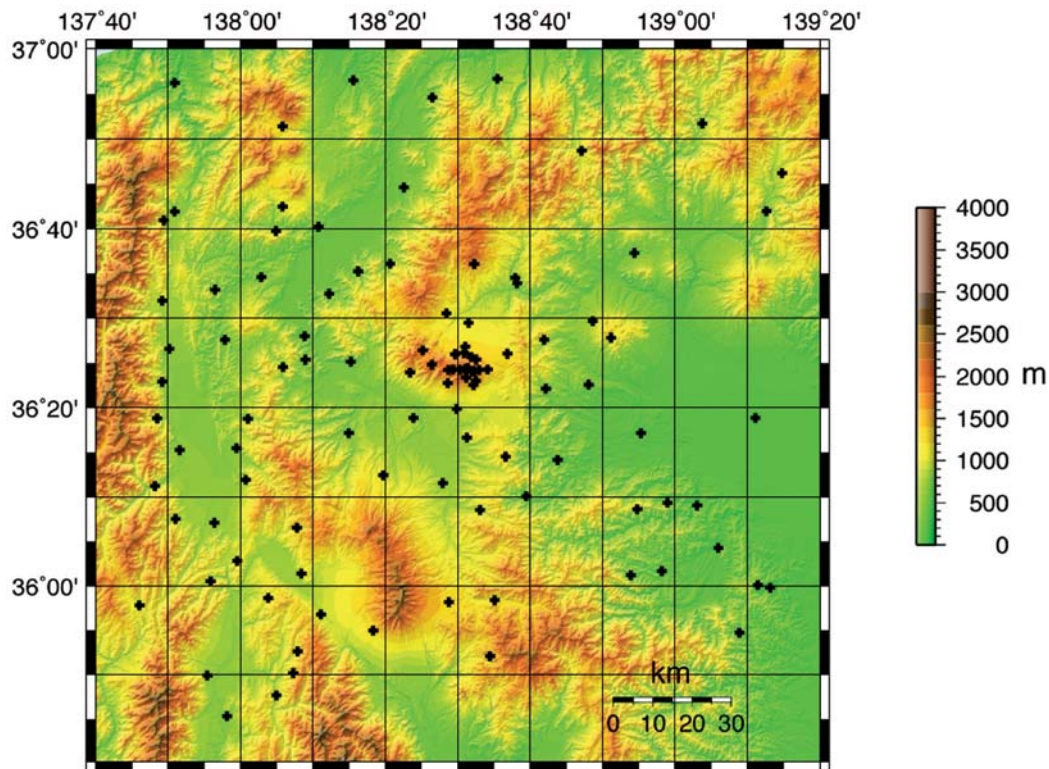


Fig. 1. A distribution map of the seismic stations whose data were compiled in this survey research.

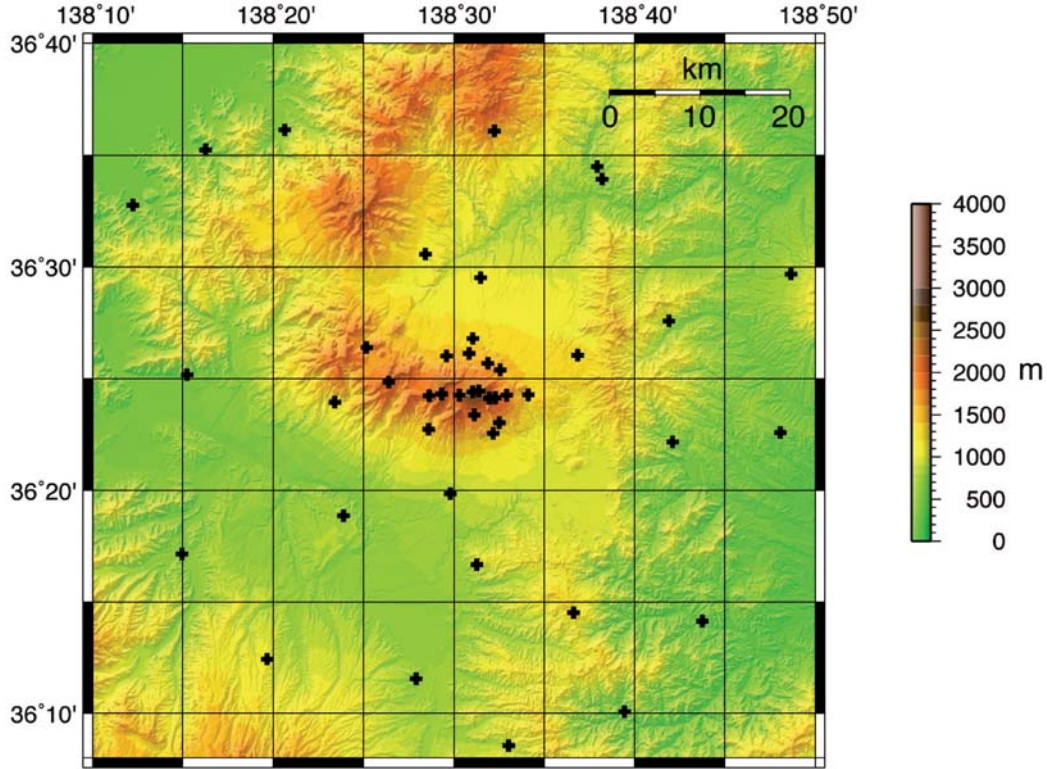


Fig. 2. An enlarged view of the seismic stations around Mt. Asama.

Table 1. A list of temporal seismic stations on and around Mt. Asama volcano.

Station	Code	WIN channel	Up Link ID	Lynx	Cygna	Trident	EIRP (dBW)	Power (DCW)	Assigned	Location (MGS84)			Seismometer	Sensor gain(V/m/s)	Date of Installation	Date of Backdown
Ueda	UEDA	0870-72	TOUDAI-V41		319	219	34	AC(0)	Hokkaido	36.41931	138.25394	564	L4-3D(1s) VRC12/2548	159.7/161.3/160.3	2005/05/26	2007/07/03
Mochizuki	MOCH	0873-75	TOUDAI-V14	143			35	AC(0)	Nagoya	36.20711	138.32147	1042	L4-3D(1s) VRC03/2539	170.1/168.0/175.7	2005/07/15	2007/07/04
Okubo	OKUB	0876-78	TOUDAI-V37		314	232	35	AC(13.5)	Hokkaido	36.31453	138.39786	795	L4-3D(1s) VRC14/2575	165.9/155.4/156.2	2005/05/26	2007/06/28
Nkanotaki	NTAK	0879-7B	TOUDAI-V18	147			38	AC(13.5)	Kyoto	36.19264	138.46512	758	L4-3D(1s) VRC07/2543	172.1/171.9/171.8	2005/05/26	2007/07/03
Shimohirao	SHRD	087C-7E	TOUDAI-V19	148			39	AC(13.5)	Kyoto	36.27789	138.52106	931	L4-3D(1s) VRC08/2544	179.3/180.3/175.1	2005/05/26	2007/07/02
Uchiyama	UCHI	087F-81	TOUDAI-V33		295	307	32	AC(0)	ERI	36.24197	138.61011	1168	Trillium(40s)	1500	2005/07/12	2007/07/09
Nannoku	NNOK	0882-84	TOUDAI-V16	145			39	AC(0)	Kyushu	36.16786	138.65708	520	L4-3D(1s) VRC06/2542	167.1/168.5/176.5	2005/08/05	2007/07/17
Annaka	ANNK	0885-87	TOUDAI-V36		309	303	34	AC(0)	ERI	36.37653	138.80097	512	L4-3D(1s) VRC13/2549	172.7/168.1/173.4	2005/07/28	2007/07/17
Kirizumi	KRZM	0888-8A	TOUDAI-V17	146			37	AC(0)	Kyushu	36.38942	138.70181	579	L4-3D(1s) VRC05/2541	166.2/170.0/175.7	2005/08/04	2007/07/19
Asama-Bokujo	ASFM	088B-8D	TOUDAI-V42		323	224	32	AC(0)	ERI	36.43389	138.61383	1294	Trillium(40s)	1500	2005/09/09	2007/07/20
Kogayoshiyama	KOGA	088E-90	TOUDAI-V11	139			37	AC(13.5)	Tohoku	36.49456	138.81075	844	L4-3D(1s) VRC02/2538	169.8/173.0/178.7	2005/08/03	2007/07/06
Nomekawa	NAME	0891-93	TOUDAI-V12	141			40	ソーラー(13.5)	Tohoku	36.45953	138.69822	870	L4-3D(1s) VRC01/2537	178.7/173.4/175.9	2005/08/03	2007/07/06
Tashiro	TASH	0894-96	TOUDAI-V39		316	327	32	AC(13.5)	ERI	36.50933	138.47364	1182	Trillium(40s) 83	1500	2005/07/20	2007/07/20
Narahara	NARA	0897-99	TOUDAI-V38		315	300	34	AC(0)	ERI	36.39897	138.39008	1155	Trillium(40s)	1500	2005/07/12	
Nire	NIRE	089A-9C	TOUDAI-V13	142			33	AC(0)	Nagoya	36.60200	138.34372	668	L4-3D(1s) VRC04/2540	171.7/177.7/173.6	2005/07/15	2007/07/04
Ikenodaira	IKEN	089D-9F	TOUDAI-V45		340	249	32	AC(14.0)	ERI	36.41389	138.43967	2046	Trillium(40s) 78	1500	2005/11/15	
Kazawa	KZAW	08A0-A2	ISDN					AC(0)	ERI	36.43994	138.41938	1596	Trillium(40s) 82	1500	2005/12/01	

計 120 観測点のデータを収録し、この観測網で記録された地震のトリガーファイルも作成した。

臨時観測点の位置及び使用した機材の詳細は表 1 に示した。使用した地震計は、Trillium (Nanometrics 社製、固有周期 40 秒) 6 台、L4-3D (Mark Products 社製、固有周期 1 秒) 11 台で、すべて 3 成分地震計である。各観測点の地震計の方位は、FOG コンパス JM77 (日本航空電子社製) を用いて真北を測定し、南北成分を真北に合わせるように設置した。また、データ伝送は鹿沢観測点のをぞいて衛星テレメータ (Nanometrics 社製、Lynx タイプと Cygna/Trident 併用タイプ) を利用した。伝送系のダイナミックレンジは Lynx タイプで 132 dB、

Cygna/Trident 併用タイプで 142 dB である。鹿沢観測点では、データ伝送を NTT のフレッツ ISDN 経由で行い、ディジタイザーとして LS-7000XT (白山工業社製) を用いた。電源については、滑川林道観測点以外は商用電源を引き、滑川林道ではソーラーパネルを設置して確保した。ほとんどの観測点では 2002 年～2005 年に実施された富士山の合同稠密観測で使用した機材を転用して、地震計を設置する基台は 45 cm の深さに置き、周囲をコンクリート柵で囲った。さらに、人が出入りする場所では観測装置全体をフェンスで囲ってトラブルの発生を防いだ。図 3 に代表的な観測点の写真を示す。図 3a は滑川林道観測点で、この観測点だけは商用電源を使用



a



b



c

Fig. 3. Photos of temporal seismic stations. a) Namekawa-rindo station using VSAT telemetry system with a solar battery. b) Uchiyama-bokujyo station using VSAT telemetry system with a commercial electric power. c) An underground seismometer pier.

できないため、ソーラーパネルを設置してある。図3bは内山牧場観測点で、典型的な衛星テレメータ観測点である。地震計設置の様子は図3cに示す。

2.2 験測

収録されたトリガー波形データは、東京大学地震研究所・火山噴火予知研究推進センターにおいてルーチ的に再験測作業を実施し、P波、S波の到達時刻を読み取った。最初のトリガーファイルは2005年7月1日18時00分、最後のトリガーファイルは2007年7月23日9時10分である。再験測を行った地震は6171個で、表2に再験測したすべての地震の震源リストを示す。再験測は遠地地震についても行っているが、図4には稠密観測網の中に震源が再決定された地震の震源分布を示す。表2の震源リストは、稠密観測網の中に位置する地震（北緯 $36^{\circ}00' \sim 36^{\circ}50'$ 、東経 $137^{\circ}50' \sim 139^{\circ}10'$ 、深さ50km以浅）については再決定された震源位置を、観測網の外に位置する地震については気象庁の震源カタログによる震源位置を示してある。自動処理によるトリガー波形・自動験測値のファイル及び再験測値ファイルは、観測終了後、本報告の提出に合わせて参加機関に配布する予定である。

3. まとめ

火山噴火予知研究に関与する全国の大学及び気象庁が合同で、浅間山深部の構造解明を目指して、2005年7月～2007年7月にかけて浅間山を中心とする約100km四方の領域で稠密地震観測を実施した。浅間山周辺の約30km四方は特に定常地震観測網が少ないため、この領域に衛星テレメータを用いた16カ所とフレッツISDNによる有線テレメータを用いた1箇所、計17カ所の臨時観測点を設け、定常観測網のデータと合わせて収録した。さらに、この期間の6171個の地震について再験測を行い、深部構造解明ためのデータベースを構築した。

謝 辞

本観測は、火山噴火予知計画による2005年度特定火山集中総合観測の一環として実施された。また、本観測で使用した地震計、衛星テレメータ装置及び電源装置の一部は平成14年度特別設備費で整備したものである。観測点の設置には、長野県、群馬県の関連自治体、企業、住民の方々にご協力を頂いた。また、気象庁の地震観測点及び防災科学技術研究所の基盤高感度地震観測網(Hi-net)の波形データの提供を受けた。ここに期して感謝します。

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Table 2. A list of earthquakes whose arrival times of P- and S-phases were picked manually.

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	7	1	18:36:14.540	31.8323	139.4203	210.00	5.3		2005	7	16	20:35:51.210	35.1567	140.4338	65.23	2.4	
2005	7	1	19:05:06.520	37.9437	140.3963	0.00	3.0		2005	7	16	23:49:16.790	35.4775	138.9725	22.39	2.4	
2005	7	1	20:35:35.020	37.4052	139.0217	3.54	2.1		2005	7	17	02:04:55.066	36.3888	138.6094	-8.57	1.6	local
2005	7	1	23:55:16.880	36.0613	137.5678	7.77	3.0		2005	7	17	03:07:10.020	35.5188	139.6920	20.48	1.1	
2005	7	2	07:10:42.960	35.5690	139.6513	28.84	2.2		2005	7	17	11:14:50.550	37.1092	139.4440	7.24	2.1	
2005	7	2	08:00:07.960	35.6545	140.0418	69.60	2.0		2005	7	17	19:50:58.310	35.5127	140.4097	33.25	3.8	
2005	7	2	09:16:13.650	36.0567	139.5300	64.37	2.1		2005	7	17	20:35:23.330	37.2390	138.5847	11.92	2.8	
2005	7	2	09:31:46.900	39.5113	143.4325	40.00	5.5		2005	7	17	23:09:20.530	36.9803	138.6683	8.93	1.4	
2005	7	2	16:45:39.120	35.7577	140.8645	32.12	2.5		2005	7	18	01:25:31.490	35.5292	139.3227	140.03	2.5	
2005	7	2	21:33:29.050	36.0607	137.5685	7.73	1.9		2005	7	18	02:15:55.050	35.4730	139.1260	17.50	2.2	
2005	7	3	02:49:41.710	34.8710	134.7610	12.90	3.4		2005	7	18	09:27:26.080	35.9085	139.1888	13.95	2.3	
2005	7	3	03:42:35.640	37.3758	139.0167	3.56	1.8		2005	7	18	09:50:38.450	35.7480	140.6353	49.49	3.0	
2005	7	3	00:20:05.000	34.6075	138.6963	192.73	2.2		2005	7	18	23:51:41.400	35.9962	140.0880	12.85	2.7	
2005	7	3	17:44:50.210	39.4998	143.4405	33.00	4.1		2005	7	19	04:20:44.310	33.5615	141.9298	75.00	3.2	
2005	7	3	18:48:25.360	40.2407	141.8687	60.94	3.9		2005	7	19	04:37:19.400	-0.1600	125.1500	18.80	5.8	global
2005	7	3	21:44:41.640	36.6420	139.4660	5.72	2.5		2005	7	19	13:31:57.220	37.8093	141.3093	65.43	3.9	
2005	7	3	23:13:01.240	35.9377	139.6170	82.58	2.5		2005	7	19	21:15:16.960	33.5118	141.1523	51.00	3.5	
2005	7	4	00:39:38.130	35.3882	137.7557	15.46	2.8		2005	7	19	22:10:17.990	36.2248	140.8737	45.70	2.8	
2005	7	4	03:50:06.170	37.9262	140.7415	116.91	3.2		2005	7	19	23:21:28.900	36.7018	139.3268	7.38	1.8	
2005	7	4	18:48:16.320	36.0608	137.5683	7.84	2.5		2005	7	20	02:16:27.200	46.9100	150.5400	150.00	5.0	global
2005	7	5	10:55:02.762	36.5247	138.6202	26.17	1.9	local	2005	7	20	03:02:25.180	37.2930	138.9332	14.38	2.3	
2005	7	5	11:01:17.580	26.6528	126.6637	6.00	3.5		2005	7	20	15:53:27.150	35.6447	140.0753	68.60	2.4	
2005	7	5	12:56:48.200	36.3183	140.0313	71.32	2.9		2005	7	20	21:14:36.320	35.6483	139.4138	32.58	3.4	
2005	7	6	02:13:41.870	35.2267	139.8685	97.43	3.0		2005	7	21	08:13:52.687	36.0481	139.1443	29.20	1.8	local
2005	7	6	05:10:38.100	39.5928	143.3927	23.79	5.2		2005	7	21	09:31:39.990	37.2165	138.6017	9.15	2.6	
2005	7	6	05:15:47.230	39.5982	143.3258	20.77	4.4		2005	7	21	16:44:10.880	35.4770	138.9847	27.28	2.2	
2005	7	6	17:01:00.340	34.9813	138.2585	20.49	1.9		2005	7	21	22:27:23.910	35.2387	140.1418	73.16	1.9	
2005	7	7	04:40:01.682	36.5929	138.5776	19.58	2.0	local	2005	7	22	02:13:01.020	36.0107	138.8638	138.82	1.7	
2005	7	7	06:13:26.350	34.1548	140.1198	29.30	3.0		2005	7	22	02:49:38.010	37.2322	138.9017	8.42	2.0	
2005	7	7	11:17:05.700	56.0700	164.6000	33.30	5.6	global	2005	7	22	09:27:02.860	35.7463	140.6952	50.31	4.4	
2005	7	8	04:20:43.680	36.6330	139.4387	6.69	1.9		2005	7	22	18:25:08.060	36.0705	139.5463	64.60	2.1	
2005	7	8	14:29:33.220	37.1625	138.8180	7.65	2.3		2005	7	23	00:23:48.590	35.9965	140.0840	12.08	2.4	
2005	7	8	17:16:38.270	36.9185	138.4257	12.47	1.3		2005	7	23	02:40:20.090	36.0597	137.5695	7.64	1.8	
2005	7	8	21:38:25.650	35.6032	140.1182	67.03	1.8		2005	7	23	04:15:47.310	36.6647	139.4010	5.91	2.0	
2005	7	8	23:00:33.850	33.9933	141.7180	50.50	3.6		2005	7	23	05:29:30.260	35.3712	140.4783	28.14	3.1	
2005	7	9	02:45:49.700	35.5797	139.2765	146.42	2.6		2005	7	23	07:23:01.440	35.9957	140.0878	12.31	1.6	
2005	7	9	04:11:41.870	35.3657	140.3742	31.08	2.7		2005	7	23	09:17:00.750	35.2983	138.8335	28.78	2.8	
2005	7	9	07:36:52.640	36.0590	137.5692	8.51	2.8		2005	7	23	12:21:36.820	34.6500	136.8468	344.44	3.3	
2005	7	9	19:11:53.970	33.4473	138.4095	328.16	3.2		2005	7	23	16:34:56.320	35.5817	140.1385	73.08	6.0	
2005	7	9	19:22:37.910	37.2147	138.8323	11.37	4.3		2005	7	23	16:42:21.970	35.6228	140.1313	69.22	4.3	
2005	7	9	19:32:00.280	37.2152	138.8368	10.45	2.6		2005	7	23	16:58:49.790	35.6102	140.1033	66.77	2.5	
2005	7	9	20:41:29.192	36.5957	138.3036	3.73	2.5	local	2005	7	23	17:04:19.610	35.5898	140.1252	67.95	2.9	
2005	7	9	20:43:11.304	36.6119	138.2877	4.03	1.4	local	2005	7	23	17:09:28.230	35.5845	140.1402	69.21	2.6	
2005	7	9	21:58:37.930	36.3987	139.5728	121.67	1.9		2005	7	23	17:11:57.830	35.5928	140.1387	64.65	2.0	
2005	7	9	23:44:15.090	29.8208	141.8565	50.00	5.1		2005	7	23	17:35:03.480	35.6063	140.1265	69.55	2.8	
2005	7	10	03:45:40.218	36.5989	138.2682	5.62	1.2	local	2005	7	23	17:38:41.700	35.6088	140.1185	69.42	3.2	
2005	7	10	05:06:56.410	37.3980	138.9425	11.47	2.7		2005	7	23	17:43:05.370	35.5985	140.1495	68.54	3.4	
2005	7	10	05:26:10.040	31.2368	143.0677	51.00	4.9		2005	7	23	18:56:47.230	35.5763	140.1192	67.91	2.7	
2005	7	10	08:37:08.830	33.5070	141.1348	55.00	5.8		2005	7	23	19:23:08.590	35.5913	140.1052	64.33	2.2	
2005	7	10	11:34:31.560	35.9207	137.6033	8.68	2.0		2005	7	23	19:36:53.890	35.5852	140.1228	66.45	2.6	
2005	7	10	14:37:40.870	33.5073	141.1595	48.00	4.1		2005	7	23	19:52:04.670	35.7170	140.6977	50.23	2.6	
2005	7	10	23:34:35.320	33.4747	141.1693	52.00	4.3		2005	7	23	19:53:58.110	35.6167	140.1112	67.39	2.0	
2005	7	11	01:54:58.370	39.4782	143.4680	38.00	3.9		2005	7	23	20:04:47.310	35.5660	140.0992	63.21	1.7	
2005	7	11	02:08:18.410	39.4773	143.4837	41.00	4.9		2005	7	23	20:20:32.390	35.5987	140.1087	66.30	1.7	
2005	7	11	02:14:47.310	35.2998	141.2253	38.41	4.4		2005	7	23	21:39:59.950	35.6315	140.1010	63.94	1.6	
2005	7	11	07:27:26.910	36.4145	141.0407	47.79	4.7		2005	7	23	22:28:48.960	37.2482	138.6025	10.94	1.5	
2005	7	11	08:33:17.410	31.0503	138.6017	449.00	4.5		2005	7	23	22:57:40.260	35.6102	140.0850	67.47	3.1	
2005	7	11	14:30:09.910	35.5853	139.0023	23.57	2.7		2005	7	23	23:48:37.130	35.3058	141.2148	27.94	2.3	
2005	7	11	14:46:53.150	37.0028	138.4387	7.27	2.2		2005	7	23	23:49:13.240	31.7368	131.0527	66.37	1.5	
2005	7	11	22:10:40.700	37.1992	138.8180	9.13	2.3		2005	7	24	00:38:59.510	37.3768	138.9453	8.05	2.1	
2005	7	11	23:49:02.820	35.7455	140.6125	49.02	3.9		2005	7	24	01:17:27.210	35.6290	140.0855	64.45	1.4	
2005	7	12	00:02:48.750	35.9198	137.6033	8.71	2.3		2005	7	24	02:34:11.290	35.6132	140.1452	67.03	1.7	
2005	7	12	01:48:00.770	36.0037	140.0832	61.39	2.0		2005	7	24	02:41:00.000	35.5935	140.1738	69.05	1.8	
2005	7	12	03:10:08.230	36.6608	139.4795	3.08	2.4		2005	7	24	06:10:07.680	35.6237	140.1080	63.97	1.8	
2005	7	12	05:17:29.530	33.4947	141.0888	53.00	3.5		2005	7	24	09:17:39.700	35.6050	140.0945	63.74	2.0	
2005	7	12	06:50:15.400	35.4690	136.9442	296.41	3.1		2005	7	24	09:40:27.150	35.6120	140.0823	66.04	2.1	
2005	7	12	08:39:05.500	37.3550	138.9627	14.23	2.4		2005	7	24	15:23:52.780	35.1017	139.3128	150.64	4.1	
2005	7	12	14:48:58.690	36.4152	140.4870	92.81	2.8		2005	7	24	18:12:54.000	35.2070	140.1867	66.10	4.5	
2005	7	12	21:35:23.460	29.2987	139.5855	461.11	4.1										

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	7	26	18:09:23.160	33.3478	142.4445	53.00	4.3	
2005	7	26	22:20:18.990	33.3773	142.3985	13.00	4.1	
2005	7	26	23:09:37.410	35.6373	140.0935	63.10	2.2	
2005	7	26	23:20:57.380	37.3540	138.9442	8.81	2.1	
2005	7	27	00:44:06.370	35.6193	140.1098	68.79	2.5	
2005	7	27	00:58:53.470	35.5883	140.1273	66.02	2.4	
2005	7	27	04:33:41.980	33.3953	142.3453	92.00	4.9	
2005	7	27	06:30:00.800	33.3850	142.4718	68.00	4.8	
2005	7	27	10:50:33.0	33.2760	142.4818	64.00	4.6	
2005	7	27	11:30:11.620	33.2870	142.4495	65.00	5.0	
2005	7	27	11:39:20.310	33.3148	142.4482	77.00	5.5	
2005	7	27	11:47:05.110	33.3123	142.4152	63.00	4.4	
2005	7	27	12:52:44.220	33.2835	142.3348	0.00	4.5	
2005	7	27	17:34:59.000	33.2635	142.4563	82.00	3.9	
2005	7	27	17:59:56.050	33.2502	142.3953	89.00	3.5	
2005	7	27	19:54:47.250	33.2288	142.5470	68.00	4.7	
2005	7	27	20:11:46.270	33.2438	142.4210	63.00	5.1	
2005	7	27	20:46:13.930	33.2768	142.3830	75.00	4.3	
2005	7	27	21:05:49.950	33.2512	142.4867	79.00	3.6	
2005	7	27	21:10:54.290	33.2700	142.4522	88.00	4.2	
2005	7	27	21:46:03.700	33.2960	142.4068	11.00	4.3	
2005	7	27	23:24:02.080	33.2047	142.4037	61.00	4.0	
2005	7	27	23:40:26.490	36.0713	141.9388	72.10	3.2	
2005	7	27	23:57:40.090	33.3045	142.4300	68.00	4.3	
2005	7	28	00:14:52.380	33.2135	142.4867	63.00	4.1	
2005	7	28	00:44:09.590	33.2950	142.5288	86.00	3.8	
2005	7	28	00:51:35.370	33.2570	142.4728	83.00	5.2	
2005	7	28	03:02:37.070	33.3448	142.4473	50.00	3.8	
2005	7	28	03:04:32.050	33.3200	142.3527	96.00	4.2	
2005	7	28	03:30:35.130	33.3267	142.5255	78.00	3.5	
2005	7	28	04:13:36.510	35.6005	140.0808	66.56	1.9	
2005	7	28	05:39:57.030	34.6572	131.3282	18.88	1.4	
2005	7	28	05:41:38.290	33.3228	142.4778	94.00	4.1	
2005	7	28	06:38:42.610	33.4040	142.4248	66.00	4.1	
2005	7	28	10:02:12.670	33.4128	142.4378	72.00	4.8	
2005	7	28	13:27:46.250	33.2347	142.4345	73.00	4.0	
2005	7	28	13:35:15.540	35.6335	140.1040	65.89	2.1	
2005	7	28	13:53:47.580	33.2518	142.3230	10.00	4.3	
2005	7	28	14:21:39.430	35.6288	140.1140	68.81	2.2	
2005	7	28	15:41:43.040	32.4670	138.9568	263.13	4.9	
2005	7	28	17:07:10.600	33.4422	142.4630	58.00	4.0	
2005	7	28	18:25:24.310	35.5980	140.0907	65.00	2.3	
2005	7	28	19:04:38.990	33.3825	142.4170	6.00	4.2	
2005	7	28	19:13:08.730	37.2165	138.5970	11.78	2.4	
2005	7	28	19:15:35.010	36.1262	139.8463	51.12	5.0	
2005	7	28	19:35:54.460	33.2472	142.4843	74.00	3.6	
2005	7	28	23:09:42.110	35.5303	139.3177	22.84	2.0	
2005	7	29	01:34:57.010	36.8608	140.0523	97.77	2.2	
2005	7	29	03:13:08.320	33.3853	142.5942	56.00	4.0	
2005	7	29	04:00:40.340	36.3267	139.8552	77.02	2.3	
2005	7	29	05:47:58.290	33.3092	142.1928	5.00	3.5	
2005	7	29	08:43:48.070	37.4022	138.9408	10.02	2.4	
2005	7	29	12:25:59.290	33.2360	142.5092	87.00	4.5	
2005	7	29	12:32:24.730	33.3240	142.3120	0.00	4.5	
2005	7	29	12:39:15.970	33.2807	142.4758	60.00	3.9	
2005	7	29	13:36:11.530	33.2062	142.4282	73.00	3.9	
2005	7	29	21:50:11.230	37.2795	138.9733	8.11	2.4	
2005	7	29	21:51:01.130	33.2402	142.6578	68.00	5.2	
2005	7	29	21:57:23.370	33.2765	142.4647	77.00	4.2	
2005	7	30	05:08:35.020	35.6112	140.1228	65.92	2.2	
2005	7	30	05:24:58.600	33.3580	142.3418	1.00	5.4	
2005	7	30	06:37:53.900	35.6255	140.0972	64.58	2.0	
2005	7	30	06:47:41.300	33.4130	142.4810	67.00	3.7	
2005	7	30	09:22:48.110	35.7000	140.0642	65.82	2.2	
2005	7	31	00:13:20.100	5.1800	94.4800	38.00	5.8	global
2005	7	31	03:41:04.200	33.2408	142.5692	77.00	4.2	
2005	7	31	04:37:01.999	36.5147	138.9356	7.72	1.8	local
2005	7	31	10:24:10.600	-22.4800	172.9400	20.00	5.3	global
2005	7	31	12:35:45.000	33.3940	142.5792	57.00	4.0	
2005	7	31	14:53:36.430	35.5527	138.9610	22.41	4.4	
2005	7	31	15:13:42.560	33.4747	142.2845	0.00	3.7	
2005	7	31	17:22:35.700	33.4792	142.3193	8.00	4.0	
2005	7	31	21:15:57.920	36.6178	139.6705	108.76	3.1	
2005	7	31	23:07:00.990	33.3293	142.3977	63.00	4.3	
2005	8	1	01:17:52.643	36.5301	138.1092	6.32	0.9	local
2005	8	1	02:09:09.159	36.5356	138.9138	8.29	1.7	local
2005	8	1	05:12:20.360	31.2737	142.2115	33.00	4.7	
2005	8	1	07:06:53.300	-0.0600	123.7200	94.30	5.1	global
2005	8	1	10:16:44.340	33.1547	138.4175	311.61	3.8	
2005	8	1	13:40:36.700	46.9900	153.9100	16.90	5.6	global
2005	8	1	16:59:17.496	36.6634	137.8535	6.00	2.0	local
2005	8	2	00:54:24.110	35.5857	140.1245	67.33	2.5	
2005	8	2	03:41:10.470	35.6077	140.0687	66.02	1.9	
2005	8	2	14:40:48.760	36.5903	139.3650	6.73	3.3	
2005	8	2	15:44:42.200	37.3265	138.9883	1.50	2.0	
2005	8	2	17:01:04.670	37.2258	138.9010	7.90	2.0	
2005	8	2	17:39:51.700	-4.0000	128.8200	10.00	5.6	global
2005	8	2	18:22:48.040	37.2010	138.8032	8.89	1.7	
2005	8	2	20:33:53.500	-6.9000	122.8900	663.60	5.3	global
2005	8	2	23:48:51.410	37.2217	138.9073	7.84	1.7	
2005	8	3	01:33:36.210	35.6268	140.1078	68.66	2.6	
2005	8	3	01:53:25.840	35.6417	140.1023	65.37	1.7	
2005	8	3	03:16:42.310	33.2355	142.5035	77.00	4.1	
2005	8	3	12:25:52.330	33.4100	142.4610	80.00	4.2	
2005	8	3	12:55:18.720	36.8012	140.9255	62.22	3.0	
2005	8	3	16:38:51.730	37.2073	138.8222	8.48	3.8	
2005	8	3	18:01:57.240	37.2087	138.8198	8.91	2.4	
2005	8	3	18:52:54.510	35.5373	139.0300	20.41	2.6	
2005	8	4	07:32:33.250	33.3493	142.6537	66.00	3.9	
2005	8	4	07:53:29.960	36.3652	140.5437	59.18	3.4	
2005	8	4	09:33:52.990	33.2372	137.1633	38.39	3.7	
2005	8	4	15:37:47.680	36.5597	141.3142	47.07	4.4	
2005	8	4	17:35:54.320	35.6872	140.0742	68.76	2.1	
2005	8	4	09:26:52.800	-3.6600	140.1800	40.00	5.8	global
2005	8	4	22:35:28.130	33.3763	142.6293	67.00	3.8	
2005	8	4	22:57:55.940	36.0695	139.7483	55.70	2.0	
2005	8	4	23:34:11.770	35.5847	138.7345	13.15	1.8	
2005	8	5	01:40:24.530	33.3843	142.6642	63.00	3.5	
2005	8	5	02:25:58.970	36.3125	139.9657	70.88	2.2	
2005	8	5	08:24:01.200	36.7388	139.0623	150.84	2.0	
2005	8	5	09:56:53.700	51.2400	-178.2500	23.30	5.8	global
2005	8	5	12:02:03.940	37.1090	142.2548	39.00	3.4	
2005	8	5	12:37:20.080	35.5660	140.0827	69.13	2.5	
2005	8	5	13:12:15.380	35.5973	140.1075	67.91	2.3	
2005	8	6	04:43:33.080	35.6040	139.6698	35.69	2.4	
2005	8	6	14:46:13.730	35.6447	140.0212	72.40	3.2	
2005	8	6	16:36:29.400	-17.3600	-69.4800	140.30	5.4	global
2005	8	6	18:56:13.500	-19.6100	-175.8500	205.40	6.0	global
2005	8	7	00:11:40.414	36.5942	138.2685	4.01	1.1	local
2005	8	7	01:03:47.333	36.5171	138.9271	4.16	1.2	local
2005	8	7	01:05:23.820	35.5595	140.1148	73.28	4.7	
2005	8	7	04:02:57.540	36.5248	138.9278	4.13	1.7	local
2005	8	7	05:26:23.860	36.3723	141.3607	50.95	2.7	
2005	8	7	08:09:14.240	33.4007	142.5602	64.00	3.7	
2005	8	7	17:27:23.220	34.3260	141.7755	23.14	3.0	
2005	8	7	18:03:11.730	36.7177	138.9403	145.96	2.2	
2005	8	7	18:08:03.510	34.3743	141.6433	29.41	3.5	
2005	8	7	19:03:10.920	31.2580	142.0193	0.00	4.6	
2005	8	7	22:54:25.300	-14.2500	-177.1500	10.00	5.4	global
2005	8	8	00:06:43.810	36.3395	141.4457	46.03	5.6	
2005	8	8	00:41:30.850	37.2548	138.9328	11.05	1.8	
2005	8	8	01:34:29.980	36.5177	138.9261	4.18	1.3	local
2005	8	8	03:56:17.800	43.2560	146.2477	45.74	4.3	
2005	8	8	08:44:05.400	36.7867	141.2120	46.56	4.1	
2005	8	8	13:21:58.275	36.5152	138.			

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	8	14	18:42:03.890	36.9015	138.7573	4.87	1.3		2005	8	22	05:50:23.550	37.2848	138.7060	15.58	3.2	
2005	8	14	19:54:33.750	35.2203	139.0312	5.37	2.0		2005	8	22	07:42:16.080	37.6885	138.6098	21.87	2.7	
2005	8	14	19:59:11.620	35.2187	139.0333	5.66	2.2		2005	8	22	09:53:39.690	37.2538	138.9232	11.01	2.3	
2005	8	14	21:39:24.400	35.9793	140.0657	64.29	1.9		2005	8	22	10:48:10.850	37.3045	138.7297	15.34	2.9	
2005	8	14	22:15:41.970	37.1673	138.8228	8.74	2.2		2005	8	22	14:54:57.180	37.2857	138.7078	16.63	3.2	
2005	8	14	23:14:08.360	35.7420	140.2133	67.65	2.9		2005	8	22	15:14:15.370	35.8757	140.2865	45.90	1.8	
2005	8	14	23:47:47.360	36.4163	140.9602	40.08	3.9		2005	8	22	19:40:21.739	36.4100	138.5199	3.22	1.2	local
2005	8	15	02:11:10.780	35.5267	139.7578	112.17	1.7		2005	8	22	21:46:22.860	38.0860	141.9130	44.79	4.0	
2005	8	15	07:40:31.280	35.6272	140.0683	68.12	1.8		2005	8	22	22:49:14.900	36.6700	139.3085	8.79	2.3	
2005	8	15	13:30:47.700	37.3668	139.0233	0.00	2.0		2005	8	23	03:02:55.080	37.2848	138.6967	17.68	1.6	
2005	8	15	22:36:22.070	35.0280	140.1567	76.21	2.9		2005	8	23	15:44:42.180	35.6365	140.0960	69.06	2.3	
2005	8	15	23:52:33.660	35.8572	140.1847	61.10	1.9		2005	8	23	16:05:30.400	37.2265	138.5862	10.82	2.4	
2005	8	16	01:52:45.880	37.3645	138.9168	15.13	2.2		2005	8	23	21:00:45.390	36.1095	139.8143	76.50	3.0	
2005	8	16	08:29:41.630	42.3527	143.0418	50.81	4.6		2005	8	23	21:54:58.890	36.9477	142.3272	16.58	3.8	
2005	8	16	09:26:11.686	36.8265	138.6915	4.01	2.1	local	2005	8	23	22:13:20.770	37.3027	138.7243	16.38	2.3	
2005	8	16	09:37:32.320	36.0115	140.1638	59.42	2.5		2005	8	24	02:11:54.720	36.0577	137.5727	8.03	2.1	
2005	8	16	11:24:37.580	37.7262	142.1177	33.71	4.3		2005	8	24	02:41:24.428	36.8318	138.7190	9.52	1.5	local
2005	8	16	11:46:25.740	38.1495	142.2778	42.04	7.2		2005	8	24	02:54:52.880	38.3492	141.1925	73.94	2.9	
2005	8	16	12:16:12.330	38.2013	142.0958	43.02	4.0		2005	8	24	02:59:11.240	36.4150	139.7883	88.31	2.3	
2005	8	16	12:31:52.020	38.1862	141.6923	51.10	4.1		2005	8	24	05:12:33.220	37.4463	138.9472	7.65	2.1	
2005	8	16	13:55:20.700	38.2872	142.0642	43.03	4.5		2005	8	24	16:40:24.890	36.2347	139.7902	56.66	2.2	
2005	8	16	14:06:50.100	38.2450	141.9280	45.66	3.7		2005	8	24	19:14:44.680	38.4742	143.2885	6.31	5.9	
2005	8	16	14:55:16.280	38.3067	142.1502	40.06	3.7		2005	8	24	19:46:38.420	36.2250	139.7692	56.58	2.3	
2005	8	16	15:51:27.470	38.2998	142.1655	33.61	1.2		2005	8	24	20:29:41.550	38.4770	143.2487	18.00	4.2	
2005	8	16	18:42:54.110	38.1728	142.1908	42.06	4.1		2005	8	24	21:56:46.120	38.4707	143.1667	18.00	1.9	
2005	8	16	19:42:00.410	38.1948	141.6853	50.83	3.7		2005	8	24	21:57:16.380	35.6378	140.1000	69.56	2.2	
2005	8	16	20:07:08.330	38.1827	142.1747	41.82	4.1		2005	8	24	23:52:22.630	38.4627	143.4148	17.48	4.9	
2005	8	16	21:23:17.081	36.4479	138.0262	4.09	1.8	local	2005	8	25	01:32:22.260	37.3933	138.9915	9.62	2.1	
2005	8	17	00:29:19.110	36.4248	140.6145	62.30	2.9		2005	8	25	01:55:31.240	36.2342	139.3485	19.29	2.6	
2005	8	17	01:16:44.240	37.3285	138.8893	14.32	2.7		2005	8	25	04:58:59.430	33.1153	142.5192	72.00	4.2	
2005	8	17	03:44:12.920	35.1190	137.4328	44.91	2.8		2005	8	25	05:27:21.530	33.1213	142.5687	84.00	3.9	
2005	8	17	04:06:59.650	36.7267	141.2940	46.97	3.3		2005	8	25	18:40:11.870	33.0943	142.5508	78.00	4.1	
2005	8	17	04:09:12.410	36.4517	141.0145	44.74	3.4		2005	8	25	18:53:10.470	36.6697	139.3067	8.35	2.1	
2005	8	17	04:15:32.740	32.3678	141.0405	0.00	5.1		2005	8	25	23:27:01.160	34.8415	136.9610	342.50	2.9	
2005	8	17	05:44:54.420	38.1915	142.1355	41.59	3.5		2005	8	26	00:57:37.600	38.4795	143.3452	15.00	4.9	
2005	8	17	07:04:53.990	37.1055	137.8977	22.69	2.5		2005	8	26	06:02:24.060	34.8318	138.0437	29.64	3.1	
2005	8	17	07:49:57.850	38.2065	142.1430	42.20	4.0		2005	8	26	07:28:52.900	37.6638	143.5877	10.00	5.4	
2005	8	17	09:30:40.610	36.4190	139.7962	89.98	4.1		2005	8	26	12:25:25.370	35.8750	140.8915	30.60	3.1	
2005	8	17	15:25:30.045	36.8301	138.6917	4.11	2.0	local	2005	8	26	15:07:00.200	2.1600	96.6900	29.30	4.7	global
2005	8	17	18:59:05.230	36.0307	139.8917	43.45	2.6		2005	8	26	18:01:23.580	35.6808	140.0442	67.98	2.0	
2005	8	17	19:04:16.390	36.9392	138.4735	11.42	1.3		2005	8	27	02:49:17.940	36.4200	139.7990	87.93	2.3	
2005	8	17	19:35:23.800	-5.2500	151.4200	112.80	5.1	global	2005	8	27	03:50:45.790	38.5337	143.3187	24.36	5.0	
2005	8	17	20:46:37.940	36.8238	138.8090	8.83	9.9	local	2005	8	27	03:56:35.820	37.2485	138.8202	13.81	2.0	
2005	8	17	21:39:15.170	33.2870	142.5040	72.00	3.7		2005	8	27	07:53:16.870	35.6443	140.2618	41.15	2.6	
2005	8	17	22:36:08.030	40.8170	143.3727	28.00	4.8		2005	8	27	09:29:30.910	36.9905	141.7540	47.02	3.6	
2005	8	17	23:30:02.929	36.8098	138.7471	4.09	1.8	local	2005	8	27	10:06:53.830	36.1677	139.5867	99.45	3.0	
2005	8	18	00:11:59.460	36.8108	138.7520	4.30	1.9	local	2005	8	27	15:46:43.190	43.3550	146.8508	47.94	4.7	
2005	8	18	01:57:29.760	36.8109	138.7526	4.13	2.3	local	2005	8	27	18:33:41.359	36.8323	138.7166	4.40	1.6	local
2005	8	18	02:26:33.412	36.8230	138.7425	3.83	1.8	local	2005	8	27	21:46:03.490	37.2322	138.6033	11.93	1.7	
2005	8	18	03:23:41.290	36.4122	139.7848	87.50	1.6		2005	8	28	01:20:57.670	35.6910	140.1333	67.73	2.7	
2005	8	18	03:52:07.240	34.3037	140.4935	42.80	3.0		2005	8	28	13:32:00.080	36.3183	140.0292	71.45	2.1	
2005	8	18	04:31:26.380	36.8144	138.7444	4.02	2.0	local	2005	8	28	19:24:06.615	36.5234	138.7304	4.03	1.6	local
2005	8	18	05:29:58.809	36.8135	138.7490	4.08	1.9	local	2005	8	28	23:31:20.229	36.5249	138.7325	7.27	2.0	local
2005	8	18	06:01:35.190	35.8823	137.7483	9.65	1.6		2005	8	28	23:42:05.670	37.5542	137.5657	14.27	2.3	
2005	8	18	11:22:29.183	36.8088	138.7510	3.95	2.2	local	2005	8	29	04:18:20.340	34.9610	139.0862	3.28	2.9	
2005	8	18	17:05:27.220	36.4172	139.4215	132.46	3.8		2005	8	29	04:42:37.363	36.5063	138.3334	7.22	1.3	local
2005	8	18	19:07:14.320	36.3248	140.0543	70.62	2.0		2005	8	29	04:50:52.080	36.2400	137.9955	215.08	2.4	
2005	8	18	19:28:16.245	36.8098	138.7513	3.96	2.0	local	2005	8	29	12:27:15.270	36.7728	141.7353	57.69	3.5	
2005	8	18	19:49:24.860	37.5198	138.7115	26.45	2.1		2005	8	29	17:46:04.640	35.5978	140.1367	68.50	2.4	
2005	8	18	20:51:44.650	35.7542	140.6395	49.33	3.0		2005	8	29	18:43:16.960	35.7163	138.2045	21.34	2.0	
2005	8	18	23:20:30.280	33.0988	142.5637	86.00	3.4		2005	8	29	19:53:31.320	36.1658	138.7645	1.67	2.0	
2005	8	18	23:26:59.425	36.8206	138.7209	3.27	1.5	local	2005	8	29	21:47:21.570	35.5947	139.5805	96.03	1.6	
2005	8	19	02:19:08.100	36.1875	140.3832	64.44	2.0		2005	8	29	22:29:43.200	34.7753	141.1707	41.34	3.8	
2005	8	19	03:49:12.615	36.8314	138.7149	4.03	1.6	local	2005	8	30	02:56:16.920	36.0130	140.0900	62.02	1.8	
2005	8	19	04:00:58.850	35.5828	140.0890	70.39	3.1		2005	8	30	04:07:09.540	34.4908	138.3252	32.35	2.7	
2005	8	19	11:12:07.841	36.8325	138.7165	4.22	2.1	local	2005	8	30	11:37:34.570	37.2918	138.7162	16.37	2.0	
2005	8	19	11:49:13.100	36.0577	137.5722	8.33	2.4		2005	8	30	12:27:01.020	36.1672	136.7640	1.88	2.8	
2005	8	19	17:51:11.700	35.7058	139.1665	133.06	2.7		2005	8	30	16:17:08.840	36.1675	136.7620	1.83	2.7	
2005	8	19	21:06:23.450	33.2552</													

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	9	3	02:58:22.210	37.2457	142.1830	34.00	2.8	
2005	9	3	05:08:58.900	37.1530	142.2695	21.17	4.4	
2005	9	3	07:28:59.610	38.3443	143.3112	32.00	4.8	
2005	9	3	07:48:13.430	42.9073	145.4810	41.94	2.4	
2005	9	3	17:50:29.466	36.4158	138.0553	4.04	1.1	local
2005	9	3	18:50:52.600	33.1012	142.5102	66.00	4.4	
2005	9	3	22:22:44.800	36.6300	140.5895	50.43	2.6	
2005	9	4	00:00:08.630	35.9248	137.6233	7.68	1.0	
2005	9	4	04:27:47.540	37.7882	141.7538	40.25	3.7	
2005	9	4	05:38:36.009	36.4029	138.0469	4.01	3.5	local
2005	9	4	05:44:43.825	36.4028	138.0478	4.02	2.5	local
2005	9	4	07:13:32.397	36.8082	138.7636	4.49	1.7	local
2005	9	4	08:35:40.162	36.8055	138.7619	6.36	1.7	local
2005	9	4	13:01:01.610	36.8050	138.7707	4.52	2.9	local
2005	9	4	13:05:19.554	36.8045	138.7665	4.01	3.2	local
2005	9	4	14:22:59.290	34.3810	140.2900	66.26	2.8	
2005	9	4	14:25:59.780	36.4020	138.0461	4.01	1.3	local
2005	9	4	14:32:34.420	35.7223	140.0882	63.41	1.9	
2005	9	4	15:37:20.930	34.4690	138.1503	286.73	2.8	
2005	9	4	19:51:06.190	33.0917	142.4923	83.00	4.3	
2005	9	4	20:54:00.930	35.6327	140.1358	66.10	3.0	
2005	9	5	00:28:07.160	36.6878	137.7502	0.00	1.9	
2005	9	5	01:29:31.710	33.1018	142.4893	79.00	3.7	
2005	9	5	12:12:01.669	36.8103	138.7608	4.19	2.2	local
2005	9	5	13:13:02.801	36.4046	138.0462	4.01	1.5	local
2005	9	5	16:37:31.300	-56.4100	-142.3900	10.00	6.2	global
2005	9	6	00:55:47.743	36.8068	138.7658	4.05	1.6	local
2005	9	6	01:20:17.930	32.9692	130.3288	7.83	2.0	
2005	9	6	02:54:54.290	42.5068	145.2440	47.11	1.0	
2005	9	6	09:21:44.230	34.3633	139.1682	7.74	3.4	
2005	9	6	13:22:56.592	36.4032	138.0464	4.00	1.7	local
2005	9	6	18:13:09.270	38.2817	141.9165	45.08	4.1	
2005	9	6	22:49:04.750	35.8845	138.9245	9.50	2.2	
2005	9	7	00:38:30.753	36.8070	138.7636	4.39	1.6	local
2005	9	7	06:18:28.546	36.4057	138.0496	4.64	1.1	local
2005	9	7	09:01:42.770	36.8052	141.5168	43.34	3.0	
2005	9	7	13:23:11.690	36.0908	139.8963	49.49	4.1	
2005	9	7	15:19:28.820	37.2885	138.9550	10.65	2.4	
2005	9	7	19:36:57.490	36.7015	142.1258	25.00	4.3	
2005	9	7	20:31:45.080	36.0393	137.3627	10.55	3.0	
2005	9	8	11:01:54.339	36.3070	138.2963	13.13	1.7	local
2005	9	8	13:10:10.600	0.7700	126.2800	49.20	5.7	global
2005	9	8	19:12:09.700	33.9333	140.7540	91.30	3.1	
2005	9	8	19:16:10.340	36.0923	139.8685	48.04	2.5	
2005	9	9	02:11:03.484	36.5166	138.9207	5.65	1.4	local
2005	9	9	14:06:55.170	37.1717	138.8637	9.66	2.0	
2005	9	9	15:40:54.670	37.1708	138.8593	9.17	1.7	
2005	9	9	15:42:14.260	37.1655	138.8652	7.60	3.7	
2005	9	9	15:56:31.900	37.1717	138.8600	9.36	1.8	
2005	9	9	16:15:26.550	35.5903	140.9473	37.54	5.0	
2005	9	9	16:26:43.700	-4.5400	153.4700	90.00	7.6	global
2005	9	9	17:32:03.150	37.1657	138.8675	8.09	1.7	
2005	9	9	18:19:43.900	35.8403	137.8600	9.90	2.0	
2005	9	9	18:46:43.130	37.1675	138.8672	8.94	1.8	
2005	9	9	22:39:43.920	36.4600	142.5505	76.00	2.7	
2005	9	9	23:39:47.048	36.5279	138.9199	10.44	1.6	local
2005	9	10	07:23:52.980	35.9168	136.5942	11.26	2.9	
2005	9	10	12:48:33.360	36.2538	139.2790	16.37	2.3	
2005	9	10	16:11:14.587	36.5996	138.2771	5.29	1.2	local
2005	9	10	20:46:23.320	36.6450	140.9448	47.90	3.2	
2005	9	11	01:57:47.300	4.8600	95.0400	41.00	5.8	global
2005	9	11	03:52:13.900	37.2490	138.9218	10.75	1.5	
2005	9	11	04:39:34.890	35.6035	138.7218	15.29	1.5	
2005	9	11	05:06:50.550	37.0638	141.1743	50.34	4.5	
2005	9	11	12:07:17.380	35.5940	140.1180	67.63	2.0	
2005	9	11	13:09:45.040	33.5197	142.3553	53.00	4.4	
2005	9	11	17:18:00.890	36.9023	141.9895	25.87	2.8	
2005	9	11	17:41:07.240	37.8577	141.5175	84.42	3.3	
2005	9	11	18:47:09.870	39.8630	141.4733	76.42	3.6	
2005	9	11	19:37:47.050	36.6870	141.2495	43.97	2.6	
2005	9	11	21:51:49.850	37.6633	138.3378	22.69	2.1	
2005	9	12	04:28:33.150	38.1615	142.1858	42.37	4.7	
2005	9	12	04:42:39.080	38.1623	142.1938	41.53	3.5	
2005	9	12	06:11:19.876	36.5192	138.9207	4.29	1.6	local
2005	9	12	18:32:37.907	36.5199	138.9227	4.26	2.0	local
2005	9	12	21:45:36.220	37.2388	138.5837	13.85	3.1	
2005	9	12	22:35:42.850	36.2045	139.0118	126.10	3.7	
2005	9	13	03:13:18.920	38.2855	143.6388	41.00	3.5	
2005	9	13	06:15:03.600	-17.4200	-177.3200	383.90	5.7	global
2005	9	13	11:42:17.600	35.8133	140.2178	62.90	3.8	
2005	9	13	12:39:27.320	35.1197	139.4893	112.36	3.0	
2005	9	13	13:08:31.610	35.7912	140.2133	58.46	1.8	
2005	9	13	13:19:49.480	36.0337	140.1015	61.96	2.7	
2005	9	13	19:07:26.400	37.3037	138.7277	16.60	1.7	
2005	9	13	22:09:06.420	37.3023	138.7255	15.71	2.0	
2005	9	13	23:27:36.730	36.1320	140.0780	65.86	2.1	
2005	9	14	05:38:03.440	36.9095	139.7782	9.89	2.4	
2005	9	14	07:47:21.060	35.4972	138.2707	15.67	3.2	
2005	9	14	11:54:00.110	35.8840	137.2648	8.83	3.0	
2005	9	14	14:18:31.980	36.5667	137.7135	0.00	2.5	
2005	9	14	15:18:45.490	37.1692	138.7053	13.65	2.0	
2005	9	14	22:50:37.430	38.1378	137.7933	20.61	3.2	
2005	9	15	08:08:44.180	35.6928	140.6695	50.98	2.3	
2005	9	15	15:06:08.680	35.1573	139.7748	97.97	3.3	
2005	9	15	19:27:00.030	35.7645	140.6737	47.90	2.5	
2005	9	15	22:58:04.950	35.8843	137.2647	8.71	2.9	
2005	9	16	02:15:53.090	36.1117	139.0157	135.66	1.9	
2005	9	16	08:00:05.820	36.4738	140.5265	57.84	3.5	
2005	9	16	10:05:28.270	37.2015	138.8157	10.28	1.9	
2005	9	17	00:55:32.100	35.6197	140.1358	69.98	3.0	
2005	9	17	03:10:12.790	37.2247	141.0408	88.27	2.9	
2005	9	17	04:54:56.381	36.3695	137.9961	4.02	1.3	local
2005	9	17	05:24:27.544	36.3686	137.9988	4.06	1.1	local
2005	9	17	06:07:23.939	36.4647	138.0345	4.03	1.2	local
2005	9	17	12:35:39.850	34.9122	139.9870	57.48	2.9	
2005	9	17	12:40:54.140	35.9620	140.1575	67.63	2.4	
2005	9	17	20:57:08.570	35.5680	139.5470	49.72	2.1	
2005	9	18	02:24:01.300	37.3398	139.7927	5.10	2.6	
2005	9	18	21:24:49.140	35.8120	139.9512	88.18	1.8	
2005	9	18	22:19:58.980	36.7590	141.8105	31.03	2.3	
2005	9	19	10:41:39.740	35.8503	139.9732	81.85	3.1	
2005	9	19	11:07:00.210	36.4348	140.9883	45.72	3.0	
2005	9	19	12:35:56.960	37.2083	138.8273	9.23	1.8	
2005	9	19	13:52:21.620	32.9308	139.3397	188.72	3.3	
2005	9	19	17:54:13.110	35.3823	139.7323	56.49	2.9	
2005	9	19	19:11:21.640	36.6950	137.8590	4.78	1.4	local
2005	9	20	00:24:07.720	35.9057	140.8328	41.20	3.1	
2005	9	20	16:44:32.670	35.8170	140.2023	60.83	2.6	
2005	9	20	17:09:37.830	37.1745	138.8145	8.05	2.2	
2005	9	20	18:29:31.570	37.9107	142.8122	29.82	4.8	
2005	9	20	20:39:47.370	35.5998	140.1273	71.59	4.3	
2005	9	20	21:03:46.410	35.6065	140.1253	69.45	2.7	
2005	9	20	23:59:47.340	35.8593	137.5900	5.37	2.2	
2005	9	21	02:04:30.330	33.3452	137.0762	40.55	4.1	
2005	9	21	02:12:47.510	32.3182	141.4852	50.00	4.6	
2005	9	21	03:54:47.510	36.9240	138.5167	9.14	1.1	
2005	9	21	04:04:52.710	35.9797	140.1610	60.26	2.5	
2005	9	21	04:39:16.538	36.5486	138.0601	7.37	1.2	local
2005	9	21	06:52:22.550	36.9665	141.6980	46.94	2.6	
2005	9	21	11:25:08.670	43.7097	146.3980	102.91	6.0	
2005	9	21	18:37:30.180	33.4853	142.4403	60.00	4.1	
2005	9	22	00:43:07.260	37.3862	138.9407	4.88	2.5	
2005	9	22	04:31:23.320	36.6833	139.3113	7.59	1.6	
2005	9	22	15:34:19.440	35.6452	138.2953	14.33	1.8	
2005	9	22	17:53:15.160	35.780				

浅間山の大学合同稠密地震観測 (2005 年 7 月-2007 年 7 月)

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	10	1	12:00:19.900	35.6282	140.1388	69.59	3.9		2005	10	13	08:01:05.920	36.5120	141.1190	43.97	3.3	
2005	10	1	12:03:23.040	35.6195	140.1145	67.60	2.6		2005	10	13	09:17:15.040	37.1557	138.8478	19.61	1.0	
2005	10	1	14:06:34.590	35.4372	140.4787	63.51	4.0		2005	10	13	14:28:49.400	35.9302	137.6642	10.22	2.8	
2005	10	1	14:19:48.720	35.7202	140.7428	47.52	2.4		2005	10	13	14:58:54.410	36.6813	141.4227	48.03	3.7	
2005	10	1	16:42:12.160	34.8863	140.3787	72.16	3.1		2005	10	14	01:29:16.390	31.7905	138.3877	381.85	3.6	
2005	10	1	17:14:55.870	35.6895	140.1080	75.46	2.5		2005	10	14	02:40:17.940	36.5318	139.7573	128.97	2.3	
2005	10	1	19:06:58.270	36.1233	139.9903	67.84	2.4		2005	10	14	13:02:13.490	35.6388	140.2568	36.47	2.2	
2005	10	1	20:44:51.600	35.9477	139.9382	80.36	3.3		2005	10	14	14:35:34.350	37.3337	138.9618	13.32	3.1	
2005	10	1	22:46:25.970	35.6458	140.1188	67.34	1.7		2005	10	14	18:26:59.110	36.7342	141.1878	43.54	2.8	
2005	10	2	00:05:45.810	36.9442	138.7723	7.84	2.0		2005	10	14	19:44:01.573	36.1599	138.0361	7.91	1.1	local
2005	10	2	00:42:23.180	32.1497	140.7998	0.00	4.2		2005	10	15	00:13:24.750	35.6317	140.0133	65.99	1.7	
2005	10	2	02:03:57.760	37.1807	138.8077	4.49	1.9		2005	10	15	00:18:42.500	37.2095	138.8335	8.84	2.7	
2005	10	2	02:07:50.310	37.1827	138.8070	5.86	2.1		2005	10	15	01:03:15.640	33.5110	139.9980	93.39	2.8	
2005	10	2	02:14:13.490	36.3457	140.9147	46.17	2.8		2005	10	15	03:42:39.930	37.6685	138.1448	23.06	2.6	
2005	10	2	13:03:55.130	37.1690	138.7030	12.94	2.5		2005	10	15	11:12:58.190	37.5062	142.2705	34.46	3.7	
2005	10	2	15:06:59.670	36.5332	140.9668	53.34	3.6		2005	10	15	14:41:05.550	35.5937	139.3610	133.57	2.8	
2005	10	2	19:34:31.270	36.3740	140.9572	46.18	3.3		2005	10	15	16:41:48.160	37.2270	138.5843	11.71	2.2	
2005	10	2	20:34:22.760	36.6182	141.3518	47.80	2.8		2005	10	15	19:06:17.000	46.8200	154.1100	42.80	6.1	global
2005	10	3	00:13:37.770	35.8873	139.8737	110.24	2.7		2005	10	16	00:51:07.200	25.3200	123.3600	183.40	6.4	global
2005	10	3	01:30:56.140	34.7380	138.5540	23.80	2.2		2005	10	16	01:14:05.390	36.0725	139.3303	72.80	1.9	
2005	10	3	01:59:20.380	37.1410	138.6493	10.56	2.0		2005	10	16	07:01:49.690	35.9310	137.6637	10.15	1.7	
2005	10	3	03:31:38.040	33.5207	141.0795	59.65	3.1		2005	10	16	14:06:01.070	37.1650	138.7350	9.10	2.1	
2005	10	3	06:52:11.310	35.6512	140.1562	63.19	1.8		2005	10	16	16:05:41.205	36.1748	138.4244	-16.31	3.4	local
2005	10	3	11:22:34.330	35.6527	140.1992	65.84	2.7		2005	10	16	18:30:37.440	35.1845	139.7893	70.37	1.9	
2005	10	3	12:20:40.170	38.3758	143.2968	15.33	4.5		2005	10	16	20:58:23.748	36.5949	137.8652	11.64	2.0	local
2005	10	3	13:43:25.430	34.8505	140.3425	67.55	3.2		2005	10	16	20:59:39.959	36.5868	137.8748	13.67	1.2	local
2005	10	3	15:06:29.064	36.6554	138.2326	4.66	1.6	local	2005	10	16	21:25:10.202	36.5956	137.8633	11.89	2.0	local
2005	10	3	18:57:55.510	37.2813	138.8722	10.68	2.7		2005	10	16	22:50:55.210	36.0465	139.9330	43.96	2.7	
2005	10	3	19:32:32.080	36.5947	141.0603	42.70	3.2		2005	10	17	03:57:13.270	36.6908	141.2475	45.03	2.8	
2005	10	3	21:25:35.630	35.0143	137.3238	38.85	2.6		2005	10	17	21:10:30.330	36.0120	140.1495	59.66	2.0	
2005	10	3	23:01:51.030	34.6398	140.7005	56.10	2.7		2005	10	17	21:11:38.360	36.0073	140.1530	59.46	1.6	
2005	10	4	00:24:12.448	36.6556	138.2339	6.43	1.3	local	2005	10	18	01:14:22.910	40.7910	139.1570	16.99	4.3	
2005	10	4	00:48:39.500	37.2783	138.8790	10.09	1.7		2005	10	18	03:48:28.430	37.9333	141.9107	43.24	4.8	
2005	10	4	02:38:38.050	36.7083	141.1422	45.58	3.6		2005	10	18	04:31:55.240	32.0147	137.1050	32.00	4.4	
2005	10	4	13:33:44.900	18.8500	145.1200	489.50	5.2	global	2005	10	18	07:35:23.920	37.4045	138.9442	10.03	2.4	
2005	10	5	06:22:33.370	34.4555	140.2428	47.89	2.5		2005	10	19	05:13:20.700	36.1265	140.0377	65.73	2.0	
2005	10	5	11:49:15.310	37.2922	138.9558	11.14	2.5		2005	10	19	09:09:04.452	36.5024	138.8759	3.48	1.2	local
2005	10	5	12:12:38.980	32.2913	134.5212	42.19	2.2		2005	10	19	20:44:42.680	36.3817	141.0432	48.32	6.3	
2005	10	5	12:13:02.530	36.5462	139.6772	102.29	2.7		2005	10	19	21:18:39.610	34.5243	139.3695	136.33	2.9	
2005	10	5	13:42:01.510	36.8363	138.7285	5.59	1.5		2005	10	19	22:32:44.510	36.3068	141.0552	47.31	2.7	
2005	10	5	15:50:40.050	35.4547	140.4198	58.09	2.2		2005	10	19	22:35:19.420	36.4073	141.0152	46.44	3.1	
2005	10	5	19:07:22.400	-20.5300	-174.2800	15.00	5.9	global	2005	10	19	23:37:18.270	34.9665	139.9985	58.08	2.0	
2005	10	6	03:04:30.600	36.0548	139.9085	45.53	2.7		2005	10	19	23:43:50.250	36.3983	141.0598	47.50	3.1	
2005	10	6	07:10:27.490	35.2675	139.7532	96.76	2.1		2005	10	20	01:30:57.700	37.1650	138.7313	9.36	2.5	
2005	10	6	10:23:26.150	35.8213	140.1807	57.00	1.8		2005	10	20	01:38:34.550	36.3844	139.1377	20.22	1.2	local
2005	10	6	12:15:05.281	36.5504	138.1655	3.51	1.4	local	2005	10	20	01:44:22.242	36.5916	138.3096	3.74	0.9	local
2005	10	6	12:40:48.420	37.1695	138.7027	13.05	3.4		2005	10	20	02:28:19.810	36.7380	141.3863	49.15	3.2	
2005	10	6	16:43:04.340	37.1720	138.7055	13.76	2.7		2005	10	20	02:52:10.570	36.1333	139.5877	63.86	2.7	
2005	10	6	17:20:07.260	37.3113	138.8765	12.83	2.2		2005	10	20	05:35:40.351	36.6105	138.0060	9.15	1.6	local
2005	10	6	18:03:25.910	35.5818	138.7782	186.42	3.1		2005	10	20	09:03:31.140	36.4142	141.0287	47.03	3.6	
2005	10	6	18:52:53.680	35.6677	140.1917	67.40	2.7		2005	10	20	09:15:48.320	35.6955	140.0713	64.15	2.3	
2005	10	6	19:07:18.110	35.6743	140.1683	63.14	1.8		2005	10	20	20:39:44.940	36.7390	139.2862	130.25	1.7	
2005	10	6	21:12:24.730	34.9165	136.2778	11.23	3.1		2005	10	20	21:00:34.870	35.7767	138.2177	7.66	2.7	
2005	10	7	07:39:10.680	36.3852	141.0378	45.77	2.8		2005	10	20	22:40:13.100	38.5942	139.4742	158.28	2.8	
2005	10	7	08:40:19.450	35.6527	140.1940	62.92	2.0		2005	10	20	23:24:12.916	36.5191	138.9076	4.07	0.5	local
2005	10	7	12:00:00.205	36.6753	138.4440	8.31	0.9	local	2005	10	21	00:29:12.648	36.6009	137.8775	11.07	1.4	local
2005	10	7	15:45:17.600	2.1800	126.5200	72.40	5.3	global	2005	10	21	00:36:54.470	36.0567	137.5722	7.75	2.6	
2005	10	7	16:46:35.170	36.3523	141.0238	46.17	2.8		2005	10	21	01:21:26.740	35.7772	138.2198	8.16	1.6	
2005	10	7	16:48:38.930	36.9867	138.4537	11.96	1.7		2005	10	21	02:03:06.590	37.3108	138.9895	4.53	1.9	
2005	10	7	17:54:52.270	37.1767	138.7073	12.98	1.7		2005	10	21	02:18:07.320	36.4238	140.9950	45.04	3.1	
2005	10	7	23:04:38.820	36.6023	138.2900	3.96	1.1	local	2005	10	21	04:10:47.620	37.1703	138.7327	9.25	1.8	
2005	10	7	23:47:41.970	35.6673	140.0997	63.67	1.8		2005	10	21	06:27:06.440	37.0620	138.1237	12.60	1.8	
2005	10	8	12:50:40.800	34.5400	173.5900	26.00	7.6	global	2005	10	21	06:46:26.210	35.9823	141.2748	40.98	2.8	
2005	10	8	13:53:42.730	37.0802	140.8395	94.02	3.1		2005	10	21	06:47:09.410	33.7785	130.1037	11.43	1.4	
2005	10	8	19:30:56.730	37.0982	141.8137	44.81	3.5		2005	10	21	07:08:45.220	36.9550	138.1975	21.96	1.4	
2005	10	8	19:46:28.800	34.7300	173.1000	8.00	6.4	global	2005	10	21	07:55:49.480	37.1717	138.7358	9.56	2.2	
2005	10	8	21:08:27.900	34.5900	173.1900	10.00	5.6	global	2005	10	21	09:06:04.971	36.5960	137.8702	11.11	2.5	local
2005	10	8	21:25:20.200	34.7700	173.1200	10.00	5.7	global	2005	10	21	17:44:01.780					

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	10	24	22:11:01.330	37.3317	138.8847	12.68	2.7		2005	11	8	19:19:08.959	36.0263	138.6809	4.01	2.5	local
2005	10	25	02:09:43.620	37.4052	141.8083	39.74	3.4		2005	11	8	19:23:21.034	36.0264	138.6819	4.03	2.1	local
2005	10	25	04:11:32.940	33.3152	142.4690	59.00	3.9		2005	11	8	22:54:01.779	36.3438	138.0267	4.92	1.3	local
2005	10	25	16:40:47.780	36.0572	137.5720	8.65	2.2		2005	11	9	01:31:28.358	36.1940	137.9869	10.92	1.4	local
2005	10	25	20:47:04.680	36.0573	137.5738	7.42	1.7		2005	11	9	01:31:39.000	52.7300	158.8500	60.30	4.9	global
2005	10	26	05:48:56.870	35.8650	140.4487	55.75	2.7		2005	11	9	04:19:59.878	36.3408	138.0250	4.02	2.1	local
2005	10	27	01:44:25.360	36.0150	140.1063	61.04	2.1		2005	11	9	10:14:39.080	36.1287	139.3163	67.58	1.6	
2005	10	27	03:25:35.683	36.8305	138.7125	2.50	1.5	local	2005	11	9	16:00:07.160	37.4342	138.4852	29.60	2.0	
2005	10	27	15:59:04.960	35.2602	141.2538	32.40	3.1		2005	11	10	02:34:50.340	35.6400	140.0483	65.40	1.9	
2005	10	27	17:41:46.250	31.0567	139.0552	409.19	5.3		2005	11	10	06:17:05.690	34.9535	137.3158	37.31	2.8	
2005	10	27	20:21:45.820	37.2295	138.8415	8.67	2.1		2005	11	10	11:33:24.550	35.6610	140.0467	66.18	1.9	
2005	10	27	23:15:01.450	36.2292	141.7077	60.73	2.8		2005	11	10	12:47:17.750	37.4308	138.4758	28.96	1.8	
2005	10	28	01:52:50.340	37.5195	139.3283	5.62	3.2		2005	11	10	17:43:19.660	37.4453	141.9543	33.69	3.4	
2005	10	28	04:06:18.346	36.5194	138.7327	4.02	1.1	local	2005	11	10	17:44:38.230	33.2495	141.8435	100.00	3.7	
2005	10	28	13:30:53.580	35.6557	139.2113	114.30	2.3		2005	11	10	23:20:49.930	36.0048	137.1830	270.39	3.1	
2005	10	28	17:38:25.460	35.2380	139.8178	96.69	2.7		2005	11	11	02:05:17.230	37.4432	141.9517	35.13	3.1	
2005	10	28	20:00:02.360	36.3102	140.0192	73.45	3.7		2005	11	11	02:24:12.350	34.4615	139.7343	116.04	2.4	
2005	10	29	04:24:29.910	36.3198	140.0360	72.15	2.3		2005	11	11	02:43:33.130	35.4070	138.9873	22.57	1.6	
2005	10	29	21:42:57.120	35.9257	137.5977	10.02	1.5		2005	11	11	04:29:54.100	57.4700	120.5900	6.00	5.8	global
2005	10	30	03:19:35.440	35.8095	139.9968	107.40	3.4		2005	11	11	10:48:21.200	17.0000	147.2900	40.70	4.9	global
2005	10	30	03:52:32.000	35.1402	139.9530	55.72	2.3		2005	11	11	16:40:35.790	35.3085	135.7755	5.90	3.4	
2005	10	30	07:19:37.910	35.6527	140.0398	69.94	3.1		2005	11	11	20:45:17.120	37.2215	138.5977	13.22	2.3	
2005	10	30	08:16:21.790	37.5080	138.3608	24.51	2.1		2005	11	12	06:02:07.360	36.4843	140.8563	56.60	4.6	
2005	10	30	21:03:45.800	23.4200	143.3600	36.50	4.8	global	2005	11	12	06:49:13.900	33.4927	140.9380	62.54	4.2	
2005	10	30	21:11:35.960	35.8917	137.6315	6.17	2.3		2005	11	12	08:33:01.520	35.0705	139.9158	93.69	3.3	
2005	10	30	23:59:19.011	36.4849	138.0033	11.62	1.5	local	2005	11	12	12:33:09.630	35.4520	140.4415	56.03	2.6	
2005	10	31	01:04:49.340	36.9825	137.0325	4.47	2.4		2005	11	12	13:14:01.520	37.3315	141.8285	41.22	4.4	
2005	10	31	02:31:57.950	36.1307	139.8352	51.12	4.2		2005	11	12	14:30:07.410	37.2578	139.7325	122.32	2.8	
2005	10	31	04:12:05.720	38.5775	141.6472	62.42	3.4		2005	11	12	17:19:55.200	-5.2300	145.6400	93.50	5.3	global
2005	10	31	07:21:10.230	34.1973	141.8522	33.59	3.5		2005	11	12	22:39:58.210	36.9165	141.6702	49.15	2.8	
2005	10	31	10:04:23.430	35.3753	136.8768	7.07	2.8		2005	11	13	00:13:47.099	36.1516	138.0311	3.36	1.6	local
2005	10	31	10:32:05.220	35.8277	139.7512	84.66	2.0		2005	11	13	02:39:47.463	36.1542	138.0328	3.53	1.1	local
2005	10	31	12:55:21.955	36.6219	138.3321	3.70	2.2	local	2005	11	13	02:50:26.400	35.0865	138.0455	13.65	1.4	
2005	10	31	17:58:31.200	36.1342	140.0768	65.20	2.6		2005	11	13	05:41:43.660	36.9215	138.3422	19.15	1.7	
2005	10	31	23:58:33.630	35.6192	140.1952	70.92	3.2		2005	11	13	09:25:35.330	39.6143	142.0135	56.22	4.3	
2005	11	1	03:52:38.890	36.7488	141.3067	48.27	3.9		2005	11	13	12:54:05.260	36.7077	141.2503	45.87	3.1	
2005	11	1	06:51:54.820	39.8638	141.7425	70.47	4.1		2005	11	13	13:20:44.270	36.6093	139.4833	142.41	2.1	
2005	11	1	08:01:57.967	36.4805	138.0164	12.81	1.6	local	2005	11	13	16:51:41.010	37.4403	138.4772	28.02	3.2	
2005	11	1	08:26:58.931	36.4896	138.0086	12.62	1.8	local	2005	11	13	19:24:58.400	-3.1000	128.9400	20.00	5.9	global
2005	11	1	08:36:04.990	36.4884	138.0089	12.55	1.6	local	2005	11	14	10:44:04.960	37.9852	141.2635	65.65	3.5	
2005	11	1	11:01:09.080	39.0670	140.8137	9.03	4.6		2005	11	14	17:24:21.470	35.8797	138.9838	130.97	2.1	
2005	11	1	11:17:25.955	36.4864	138.0030	11.40	2.3	local	2005	11	14	20:16:02.320	35.9910	140.2097	65.23	1.8	
2005	11	1	12:47:38.300	33.8242	135.0835	45.00	4.3		2005	11	15	06:38:51.380	38.0272	144.9447	45.00	7.2	
2005	11	1	15:45:02.070	36.5127	141.0287	50.22	2.8		2005	11	15	08:23:33.150	38.1173	144.6070	57.00	4.0	
2005	11	1	18:58:40.570	36.0557	137.3510	261.39	2.8		2005	11	15	08:38:13.090	38.1670	144.6910	39.00	4.4	
2005	11	1	19:48:43.280	38.9623	144.3037	60.00	3.9		2005	11	15	10:59:07.060	38.2945	144.7122	56.00	4.5	
2005	11	1	22:49:23.280	37.3177	138.9977	9.47	2.1		2005	11	15	12:57:59.240	38.1307	144.7390	57.00	4.0	
2005	11	2	00:56:32.960	36.0618	139.8837	44.88	2.8		2005	11	15	21:10:26.030	35.7153	140.7240	45.84	2.9	
2005	11	2	01:09:00.480	37.7037	144.6340	61.00	5.2		2005	11	16	01:19:51.080	38.0243	144.6152	53.00	4.3	
2005	11	2	06:13:32.500	-3.5900	127.3200	12.70	5.7	global	2005	11	16	01:22:36.820	34.4393	140.2767	74.90	2.8	
2005	11	2	07:17:19.770	36.0890	140.0100	66.29	3.7		2005	11	16	02:10:32.420	38.2398	144.6722	53.00	4.0	
2005	11	2	08:47:09.488	36.4902	138.0062	12.44	2.0	local	2005	11	16	05:20:44.190	33.4375	141.5068	4.00	5.5	
2005	11	2	10:33:41.860	36.3965	141.0177	47.25	3.0		2005	11	16	06:17:58.040	36.3092	141.0655	47.77	4.8	
2005	11	2	10:37:55.520	39.4030	141.1797	93.86	4.1		2005	11	16	08:04:20.640	41.2428	142.0922	55.55	2.2	
2005	11	2	12:20:16.720	40.8647	139.4135	14.23	1.9		2005	11	16	18:35:17.930	37.8088	142.0202	35.79	4.4	
2005	11	3	05:06:05.270	37.3972	139.7480	4.28	3.5		2005	11	17	03:00:15.200	35.8035	137.4565	8.13	2.0	
2005	11	3	10:12:17.340	36.3127	141.8492	72.40	3.4		2005	11	17	04:20:21.210	35.4713	139.0292	14.64	2.0	
2005	11	3	15:27:15.100	49.8500	155.2200	119.70	5.0	global	2005	11	17	05:52:34.880	38.0620	144.6402	55.00	4.0	
2005	11	3	21:06:18.220	37.3980	139.7465	4.21	2.2		2005	11	17	07:00:23.820	37.8957	144.3680	55.00	3.8	
2005	11	3	22:43:33.880	36.0223	139.9095	66.20	2.0		2005	11	17	10:32:52.420	37.4378	138.4847	26.45	2.1	
2005	11	4	01:01:54.910	37.4373	138.4780	27.73	4.8		2005	11	17	10:53:13.460	36.3032	141.0653	48.28	4.7	
2005	11	4	01:17:59.590	37.4443	138.4827	28.04	1.5		2005	11	17	13:48:26.540	36.1140	139.2413	10.27	2.5	
2005	11	4	01:21:13.100	37.4410	138.4822	26.63	2.0		2005	11	17	19:43:10.210	36.3107	141.5055	56.14	2.7	
2005	11	4	01:52:33.198	36.6272	138.3386	4.01	1.2	local	2005	11	17	21:26:39.070	38.2430	144.6673	56.00	4.6	
2005	11	4	02:22:16.850	37.4323	138.4830	28.11	1.8		2005	11	17	21:38:08.740	38.1985	144.6565	54.00	4.5	
2005	11	4	02:28:26.610	35.2998	140.0912	66.06	1.4		2005	11	18	03:10:53.621	36.5720	137.8637	11.19	1.6	local
2005	11	4	03:05:56.410	37.4322	138.4672	26.90	2.7		2005	11	18	06:59:33.740	33.5342	141.4048	44.00	5.3	
2005	11	4	04:11:30.510	37.4395	138.4783	28.81	1.6		2005	11	18	07:25:29.510	34.8258	14			

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	11	22	00:36:31.800	30.9472	130.3372	145.69	6.0		2005	12	10	05:16:13.710	35.3513	139.7027	93.44	2.0	
2005	11	22	06:50:35.770	35.6665	140.0480	69.24	2.2		2005	12	10	06:27:17.540	37.3945	138.9428	12.07	2.4	
2005	11	22	22:02:62.437	36.4444	138.1938	36.92	2.1	local	2005	12	10	09:33:31.700	35.5390	138.3720	12.27	1.0	
2005	11	23	00:11:31.600	-5.1500	145.2800	68.00	6.1	global	2005	12	10	16:53:28.940	35.8757	138.9730	134.23	2.4	
2005	11	23	00:47:31.700	35.5348	139.0368	23.00	3.4		2005	12	10	23:22:21.075	36.5879	138.2543	4.81	1.2	local
2005	11	23	03:00:14.460	33.9332	141.5888	38.29	3.0		2005	12	10	23:29:02.320	35.6812	139.7570	117.98	2.7	
2005	11	23	05:34:48.380	35.6392	139.5207	26.84	2.1		2005	12	11	05:29:41.527	36.3442	138.0272	4.03	1.1	local
2005	11	23	05:40:55.520	35.5350	138.9380	24.30	2.1		2005	12	11	06:03:31.690	35.6540	140.1612	64.84	2.0	
2005	11	23	06:54:17.630	38.3498	140.0590	10.08	3.7		2005	12	11	08:08:01.830	35.5525	138.9990	22.95	2.2	
2005	11	23	07:48:56.342	36.3411	138.0338	4.86	1.3	local	2005	12	11	08:52:42.900	35.6635	140.1730	63.99	2.9	
2005	11	23	14:34:34.757	36.3432	138.0287	5.05	1.3	local	2005	12	11	09:42:01.460	35.6615	140.1428	65.61	2.1	
2005	11	23	16:45:56.400	38.3532	140.0618	9.74	4.0		2005	12	11	10:38:28.443	36.5290	138.8857	4.03	1.3	local
2005	11	23	19:02:34.660	36.6217	139.3913	7.98	1.9		2005	12	11	10:48:23.770	34.4698	140.2075	54.12	2.6	
2005	11	23	22:24:20.710	33.8555	135.1273	27.81	4.0		2005	12	11	12:33:59.920	37.3860	142.2287	30.76	3.6	
2005	11	24	01:52:57.000	38.3423	141.6547	52.91	3.4		2005	12	11	13:09:39.930	36.8318	138.7265	4.91	1.7	
2005	11	24	04:26:28.640	37.3397	139.0060	7.80	2.3		2005	12	11	13:13:58.675	36.8311	138.7248	3.24	1.8	local
2005	11	24	04:35:45.300	50.0700	147.7000	631.90	5.5	global	2005	12	11	13:17:09.680	36.8355	138.7317	5.05	1.8	
2005	11	24	06:48:16.040	35.9617	139.5788	42.80	1.5		2005	12	11	13:33:41.390	36.8280	138.7380	4.66	3.6	
2005	11	24	21:34:47.030	30.5867	131.3627	32.05	1.7		2005	12	11	13:45:48.191	36.8253	138.7254	4.18	1.5	local
2005	11	25	09:28:19.270	38.1708	144.8085	50.00	4.8		2005	12	11	13:50:17.020	36.8408	138.7293	4.84	1.7	
2005	11	25	22:05:23.970	36.7488	142.2358	35.00	3.4		2005	12	11	13:53:12.100	36.8300	138.7313	4.68	2.4	
2005	11	26	01:50:50.940	33.6472	135.5150	36.27	1.3		2005	12	11	13:58:35.800	36.8412	138.7310	5.34	1.4	
2005	11	26	01:51:16.960	34.8990	139.9348	54.24	3.7		2005	12	11	14:13:59.258	36.8331	138.7301	3.53	1.7	local
2005	11	26	02:12:36.550	36.2238	140.9018	46.60	4.1		2005	12	11	14:23:26.850	36.8325	138.7293	4.92	2.0	
2005	11	26	07:20:17.920	36.3288	139.1607	142.75	3.1		2005	12	11	14:40:59.179	36.8287	138.7375	3.57	1.8	local
2005	11	26	09:22:43.810	37.1757	138.6967	14.02	2.7		2005	12	11	14:45:06.820	36.8467	138.7307	5.52	1.6	
2005	11	26	23:17:42.160	35.4565	136.8522	303.56	3.4		2005	12	11	14:47:59.910	36.8297	138.7412	4.83	3.0	
2005	11	27	01:06:49.670	42.9215	146.2970	40.31	1.8		2005	12	11	14:48:24.030	36.8288	138.7330	5.36	3.1	
2005	11	27	05:39:31.810	36.4355	139.8335	88.40	1.8		2005	12	11	14:58:19.220	36.8292	138.7357	3.91	2.2	
2005	11	27	08:29:11.060	37.3670	138.8482	16.22	2.3		2005	12	11	14:59:14.860	36.8410	138.7243	5.11	1.8	
2005	11	27	13:34:21.130	37.1893	138.8272	9.01	1.7		2005	12	11	15:00:23.080	36.8435	138.7328	5.06	1.6	
2005	11	27	21:00:41.280	36.1995	139.8165	55.19	2.5		2005	12	11	15:27:21.680	36.8360	138.7335	4.79	2.2	
2005	11	28	04:46:04.330	38.0167	144.6488	54.00	4.5		2005	12	11	16:04:44.917	36.8319	138.7346	3.53	1.7	local
2005	11	28	13:24:40.980	36.8482	138.3233	10.36	1.8		2005	12	11	16:45:55.387	36.8329	138.7355	3.48	1.6	local
2005	11	28	14:40:25.570	36.5218	138.7277	4.00	1.7	local	2005	12	11	17:12:13.320	36.8425	138.7318	4.73	1.3	
2005	11	29	17:33:18.200	35.5897	140.1382	65.77	2.0		2005	12	11	21:57:46.310	35.5973	139.4502	24.38	1.5	
2005	11	30	02:16:51.130	37.0442	139.9733	9.33	2.9		2005	12	11	22:03:31.270	36.1503	139.7622	110.35	2.5	
2005	11	30	18:19:30.420	38.0537	144.5300	53.00	3.9		2005	12	11	23:20:43.800	-6.5700	152.2000	10.00	6.6	global
2005	11	30	20:08:52.340	36.8065	138.6513	175.46	2.7		2005	12	11	23:51:59.850	36.6950	141.2190	44.80	2.1	
2005	12	1	00:36:03.460	36.4090	141.0298	45.76	2.9		2005	12	12	00:54:13.900	57.4400	120.7600	10.00	5.6	global
2005	12	1	01:53:42.500	6.2700	124.0300	13.00	6.4	global	2005	12	12	02:07:02.910	37.4590	138.0638	27.37	2.0	
2005	12	1	03:08:15.230	33.4020	141.0212	66.00	2.8		2005	12	12	03:59:16.260	36.3437	139.9787	75.09	2.2	
2005	12	1	03:21:19.170	36.0763	139.4212	65.00	2.4		2005	12	12	13:10:06.610	36.8457	138.7375	4.84	1.5	
2005	12	1	03:40:51.560	35.4695	138.9780	26.15	1.8		2005	12	12	22:08:46.490	35.3652	140.2278	37.88	3.5	
2005	12	1	05:41:34.910	36.0535	137.5757	8.97	1.8		2005	12	12	22:38:52.050	40.4903	144.2112	37.00	2.4	
2005	12	1	11:28:05.480	35.9272	137.6692	10.49	2.8		2005	12	13	06:01:37.580	43.2085	139.4140	29.23	5.5	
2005	12	1	12:18:34.270	38.2755	142.2462	34.29	1.5		2005	12	13	06:54:13.900	57.4400	120.7600	10.00	6.5	global
2005	12	1	14:30:02.380	35.6602	140.1925	66.83	3.1		2005	12	13	07:42:55.430	36.6093	141.0002	46.68	3.5	
2005	12	1	14:55:09.160	35.6567	140.2002	67.24	2.7		2005	12	13	09:16:25.830	37.2132	138.8322	8.98	2.1	
2005	12	1	15:15:05.880	37.4408	138.4815	27.71	2.3		2005	12	13	11:11:30.440	34.1333	138.8662	249.42	3.5	
2005	12	2	12:04:48.050	35.6853	140.1158	65.92	2.2		2005	12	13	12:48:13.060	43.2025	139.5522	29.25	1.9	
2005	12	2	14:58:50.340	37.0750	138.7720	12.20	2.2		2005	12	13	12:48:23.240	35.3783	140.2295	36.25	2.5	
2005	12	2	19:21:52.830	43.3610	144.7063	99.01	1.7		2005	12	13	15:11:32.190	36.1590	138.6108	152.78	3.0	
2005	12	2	21:54:39.640	36.1340	139.8513	50.42	4.2		2005	12	14	07:39:54.600	34.8303	140.6893	64.10	2.9	
2005	12	2	22:13:07.900	38.0727	142.3535	40.28	6.6		2005	12	14	18:22:01.600	35.6317	140.0842	66.96	2.3	
2005	12	2	23:28:26.600	37.1552	138.8187	7.32	1.8		2005	12	15	04:43:37.900	33.3888	142.5057	84.00	3.9	
2005	12	2	23:35:36.630	33.6598	140.4742	54.11	4.4		2005	12	15	06:45:21.980	36.3433	137.6820	3.01	1.9	
2005	12	3	05:28:38.700	36.1278	140.0737	66.02	1.8		2005	12	15	06:48:21.350	36.3405	137.6797	1.33	1.7	
2005	12	4	01:12:44.630	35.8610	137.7297	6.43	1.3		2005	12	15	16:41:37.600	29.4195	129.9872	53.28	4.8	
2005	12	4	01:25:58.640	32.9828	136.8647	34.00	3.8		2005	12	16	03:30:16.220	36.6755	138.2074	11.67	1.4	local
2005	12	4	01:48:55.780	29.2735	130.5127	67.23	5.3		2005	12	16	07:10:59.600	36.7609	138.9580	31.17	2.0	local
2005	12	4	03:24:56.690	33.7588	137.2475	368.93	3.1		2005	12	16	11:42:19.410	37.2433	138.9198	10.57	2.0	
2005	12	4	09:51:10.150	37.2568	138.9165	11.73	2.0		2005	12	16	17:02:23.750	36.2082	137.2485	253.48	3.2	
2005	12	4	17:00:22.310	35.4838	139.1378	23.53	1.8		2005	12	17	01:01:46.230	36.1458	140.1082	54.71	2.5	
2005	12	5	03:03:15.350	40.1673	142.6360	30.01	5.0		2005	12	17	03:32:13.410	38.4487	142.1813	39.91	6.1	
2005	12	5	03:59:08.980	34.8918	140.0187	58.46	2.9		2005	12	17	21:27:41.180	36.1303	139.8445	49.30	2.5	
2005	12	5	07:01:13.940	37.3800	138.9338	12.93	2.1		2005	12	17	23:08:58.770	38.8757	141.5817	75.10	3.8	
2005	12	5	07:20:23.040	37.8670	142.6552	25.08	5.5		2005	12	18	06:04:3					

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2005	12	24	04:30:14.020	35.0178	141.3565	47.70	3.2		2006	1	5	16:37:33.073	36.4196	138.0426	6.57	1.6	local
2005	12	24	10:15:42.590	38.1787	138.8503	23.38	3.9		2006	1	5	21:17:03.490	36.7598	140.8847	86.76	3.2	
2005	12	24	11:01:55.020	35.2307	136.8402	42.96	4.8		2006	1	5	21:22:50.910	35.8783	139.6718	84.47	1.8	
2005	12	24	12:04:26.470	36.3373	137.6255	2.52	1.6		2006	1	5	22:21:37.930	37.1578	138.8128	8.20	2.6	
2005	12	24	21:20:13.080	38.0760	138.6062	15.58	4.4		2006	1	6	01:46:15.594	36.3476	138.0224	5.52	1.1	local
2005	12	25	03:08:00.470	36.9665	139.6107	6.83	2.1		2006	1	6	05:17:35.860	36.5837	139.6350	107.39	1.9	
2005	12	25	20:06:54.440	35.8113	141.1540	34.28	4.3		2006	1	6	07:39:36.579	36.8255	138.6582	4.02	1.7	local
2005	12	25	22:05:22.680	36.1817	140.8673	43.74	2.8		2006	1	6	11:00:58.770	36.7780	139.3468	125.99	1.8	
2005	12	25	23:08:37.320	38.1742	138.8505	23.03	4.2		2006	1	6	19:12:28.380	36.0163	139.9417	43.81	2.5	
2005	12	26	01:55:31.140	35.6162	140.0220	69.50	3.6		2006	1	6	21:39:31.610	37.3048	138.8772	13.31	1.8	
2005	12	26	06:51:10.700	36.6080	141.3487	47.81	3.0		2006	1	6	21:54:26.900	35.8253	138.0573	10.19	1.9	
2005	12	26	07:15:08.050	36.5962	141.3448	47.63	2.6		2006	1	7	00:15:26.050	37.6732	137.4162	11.83	2.9	
2005	12	26	19:29:32.470	34.9690	138.4182	22.10	2.4		2006	1	7	01:26:45.190	36.6293	139.4358	7.59	2.2	
2005	12	26	22:41:11.310	38.1032	138.2427	11.60	3.1		2006	1	7	02:31:41.130	35.6378	139.4617	130.33	2.1	
2005	12	26	22:48:00.280	26.7975	140.8968	0.00	5.6		2006	1	7	05:26:46.920	36.6728	138.2024	11.38	1.3	local
2005	12	27	05:14:06.900	36.1575	137.2050	268.28	3.9		2006	1	7	11:16:27.860	35.8015	141.2143	62.68	3.0	
2005	12	27	05:44:02.840	37.2167	138.7155	15.42	2.0		2006	1	7	13:19:00.600	37.7725	138.3010	21.68	2.9	
2005	12	27	06:29:00.840	37.0682	142.0055	46.00	3.7		2006	1	7	14:29:43.180	35.9875	140.0682	62.50	2.1	
2005	12	27	09:54:50.800	37.0498	140.7997	96.50	3.3		2006	1	7	20:58:03.040	31.9802	130.0940	9.11	1.1	
2005	12	28	00:56:06.720	36.5465	139.6458	7.56	2.6		2006	1	7	23:46:53.760	37.2562	138.9268	11.15	1.6	
2005	12	28	11:18:43.000	34.6067	136.1665	51.46	3.7		2006	1	8	02:48:22.120	36.4321	138.0197	6.31	1.4	local
2005	12	28	13:53:54.480	36.0868	139.8817	47.84	2.8		2006	1	8	03:55:38.800	56.3200	-157.4000	59.30	5.1	global
2005	12	28	14:52:15.890	35.1822	136.7102	12.79	3.8		2006	1	8	05:23:50.267	36.4321	138.0184	6.31	2.4	local
2005	12	28	18:46:06.480	36.1817	140.0272	53.00	4.8		2006	1	8	07:42:43.511	36.4328	138.0249	5.22	1.2	local
2005	12	28	18:57:34.440	36.1887	140.0237	52.64	2.5		2006	1	8	16:25:26.200	35.1895	138.4065	19.38	2.9	
2005	12	28	22:11:27.870	36.1897	140.0222	53.14	3.4		2006	1	8	20:34:55.600	36.3100	23.2100	66.00	6.7	global
2005	12	28	22:35:35.010	35.6652	140.1887	65.96	4.1		2006	1	9	00:15:10.457	36.7983	138.7060	4.10	1.3	local
2005	12	28	23:03:36.120	35.6688	140.2040	67.47	4.4		2006	1	9	04:29:17.910	35.2528	138.4355	7.81	1.7	
2005	12	29	00:15:38.790	35.6820	140.0813	67.55	1.9		2006	1	9	07:25:10.920	38.1722	144.7122	51.00	4.9	
2005	12	28	00:27:54.700	9.8100	-84.3100	73.00	5.3	global	2006	1	9	13:12:07.240	36.8660	138.5138	0.00	1.7	
2005	12	29	00:41:07.680	35.6613	140.1748	65.77	2.2		2006	1	9	14:48:42.210	34.9757	137.4160	41.00	3.9	
2005	12	29	09:34:27.890	36.6272	139.3042	8.25	2.5		2006	1	9	15:31:14.380	36.3540	140.5687	60.28	3.2	
2005	12	29	12:52:10.720	37.7488	140.2192	115.38	3.0		2006	1	9	22:32:38.040	37.3052	141.2853	84.14	2.7	
2005	12	29	15:39:59.240	37.1603	138.8292	7.00	1.7		2006	1	9	23:50:55.920	35.4317	139.3477	106.70	2.1	
2005	12	29	17:30:35.840	27.5135	140.3563	490.00	5.2		2006	1	10	00:50:00.350	37.1885	138.8143	7.48	1.7	
2005	12	29	18:32:11.900	36.2583	137.7260	228.09	4.3		2006	1	10	03:04:41.980	37.0978	138.9332	10.57	1.8	
2005	12	29	18:38:35.640	33.1830	137.1978	41.96	3.4		2006	1	10	09:03:34.890	37.1993	138.8357	8.89	2.4	
2005	12	29	19:29:16.370	35.0885	138.4330	24.80	1.7		2006	1	10	10:09:34.200	37.0600	-14.1300	10.00	5.5	global
2005	12	29	20:23:31.050	39.7583	141.8348	57.93	4.0		2006	1	10	17:47:47.140	36.0267	140.0830	62.86	2.0	
2005	12	29	21:32:50.420	35.6458	140.0487	68.51	1.9		2006	1	10	19:39:11.230	34.7718	139.4798	118.93	2.5	
2005	12	29	22:28:22.120	33.4133	142.2232	10.00	3.6		2006	1	11	00:07:36.100	32.0852	129.8930	11.74	1.1	
2005	12	30	06:53:41.900	37.2103	138.8243	7.70	1.9		2006	1	11	01:11:17.180	37.2110	138.8375	10.04	1.9	
2005	12	30	07:02:49.970	35.7407	140.6360	50.13	2.1		2006	1	11	09:14:18.540	35.3635	139.1242	19.71	3.3	
2005	12	30	11:11:15.390	36.4455	137.6248	0.70	1.8		2006	1	11	09:29:41.000	36.4825	139.1122	132.55	2.5	
2005	12	30	14:52:05.850	35.6043	140.0690	72.38	2.1		2006	1	11	12:43:18.810	35.9025	137.6487	7.26	2.5	
2005	12	30	15:16:39.740	35.8145	140.1888	60.22	2.0		2006	1	12	02:26:11.670	36.6545	142.2070	71.00	2.8	
2005	12	30	17:06:30.570	35.1763	139.1095	9.50	2.3		2006	1	13	06:57:23.550	36.7092	141.3585	48.57	2.8	
2005	12	30	20:35:30.600	35.6470	139.5372	24.91	1.8		2006	1	13	12:09:09.414	36.0828	138.8433	1.93	1.1	local
2005	12	31	05:45:11.440	34.7438	140.1122	66.19	2.4		2006	1	13	12:19:57.450	38.0912	136.3690	0.00	3.8	
2005	12	31	07:35:46.560	32.2515	142.0203	60.00	3.8		2006	1	13	21:01:59.420	35.1822	139.7803	73.65	2.8	
2005	12	31	09:27:17.076	36.3947	137.9870	7.50	2.0	local	2006	1	14	00:04:02.200	34.0873	141.8262	36.46	3.7	
2005	12	31	11:18:36.460	35.8045	140.2527	53.68	2.3		2006	1	14	02:31:25.540	37.7828	142.3077	36.26	3.5	
2005	12	31	21:16:02.470	35.4860	138.9923	21.61	2.0		2006	1	14	03:12:38.200	35.4845	139.9797	43.59	2.1	
2005	12	31	22:26:42.990	33.1265	131.3997	122.94	4.5		2006	1	14	03:45:46.400	37.3157	138.8812	13.93	2.0	
2005	12	31	23:32:28.710	35.9268	140.1352	60.98	4.1		2006	1	14	15:11:02.395	36.7464	138.1954	7.71	1.6	local
2005	12	31	23:55:33.060	35.1183	138.3940	23.37	1.8		2006	1	14	15:30:09.340	36.1878	140.0273	52.43	4.3	
2006	1	1	07:47:40.390	36.5801	137.9624	11.33	1.1	local	2006	1	15	05:57:15.110	36.2655	139.9082	109.62	3.2	
2006	1	1	17:47:13.400	4.7400	95.1400	51.50	5.5	global	2006	1	15	14:22:02.170	36.1017	141.3195	44.42	3.2	
2006	1	1	18:03:57.810	35.3295	139.6122	99.36	2.3		2006	1	15	17:21:56.280	36.8965	141.7127	47.49	3.4	
2006	1	1	18:23:02.150	36.6007	138.2777	5.48	1.2	local	2006	1	15	19:54:15.790	35.4575	136.2502	34.90	3.7	
2006	1	1	22:17:49.570	35.1820	139.1047	10.70	1.7		2006	1	15	20:58:29.100	-7.8300	122.6000	264.80	6.1	global
2006	1	1	22:47:19.688	36.4611	138.6897	8.49	0.7	local	2006	1	15	21:14:17.010	35.9877	139.5318	20.92	2.2	
2006	1	1	22:56:54.450	35.9128	136.7562	9.52	4.1		2006	1	16	04:44:57.450	36.1502	140.0027	67.84	2.4	
2006	1	1	23:20:01.580	35.9918	138.6305	61.55	3.1		2006	1	16	07:53:57.350	36.5447	140.9102	49.14	4.0	
2006	1	1	23:23:45.340	36.2177	139.3222	142.97	2.5		2006	1	16	14:10:46.310	36.8400	138.2557	11.40	1.4	
2006	1	2	01:16:00.740	36.3183	142.1300	79.00	2.5		2006	1	16	22:20:32.620	36.3435	140.9293	39.71	3.1	
2006	1	2	09:49:46.900	33.7445	138.8783	253.01	3.5		2006	1	17	00:03:44.960	30.1990	139.3687	420.36	5.0	
2006	1	2	10:01:24.400	12.3600	144.3100	35.20	5.2	global	2006	1	17	05:51:33.770	36.1370	139.3772	69.66	1.6	
2006	1	2	13:06:06.400	-20.7500	-178.8800												

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	1	21	23:30:42.090	36.4202	140.7988	46.25	3.9		2006	2	3	16:54:40.260	36.2590	141.4798	60.64	2.7	
2006	1	22	01:01:50.920	35.9950	140.2267	41.58	3.5		2006	2	3	22:00:08.250	36.0158	141.3028	45.05	3.1	
2006	1	22	03:59:01.165	36.6441	138.2891	3.08	2.1	local	2006	2	3	22:56:36.775	36.5247	138.9042	4.04	1.6	local
2006	1	22	09:35:45.230	35.2743	138.5110	16.47	2.0		2006	2	3	23:20:49.600	-17.9100	-178.6100	573.30	5.4	global
2006	1	22	14:57:10.140	37.4280	139.6972	4.04	2.5		2006	2	3	23:49:50.260	37.2203	138.9128	7.25	2.2	
2006	1	22	19:53:21.893	36.6331	138.2946	4.04	1.5	local	2006	2	4	04:51:09.140	36.1282	140.0793	64.84	2.5	
2006	1	23	18:52:20.980	35.6340	140.1155	67.69	2.2		2006	2	4	11:56:52.470	36.2323	141.7148	72.00	2.8	
2006	1	23	19:48:20.170	35.5428	141.0635	36.40	2.5		2006	2	4	18:21:27.320	35.4972	138.2707	16.63	1.5	
2006	1	23	22:40:23.900	35.2813	138.4863	16.67	2.0		2006	2	4	21:42:50.370	36.5258	138.8983	4.09	1.0	local
2006	1	24	03:24:22.380	35.6482	140.0513	65.27	2.0		2006	2	5	03:33:23.187	36.5249	138.9030	4.06	1.1	local
2006	1	24	03:35:26.150	36.0257	139.7907	75.23	1.9		2006	2	5	06:25:15.440	36.2442	141.6898	66.87	2.7	
2006	1	24	06:20:53.090	35.5805	140.2018	59.50	2.1		2006	2	5	07:43:54.028	36.5241	138.0832	2.23	3.2	local
2006	1	24	08:22:59.040	34.6837	140.1173	78.39	2.5		2006	2	5	09:45:12.550	35.7480	140.9930	34.64	3.1	
2006	1	24	09:52:49.493	36.5177	138.4595	9.60	1.6	local	2006	2	5	11:37:32.460	36.2270	141.7325	62.66	2.8	
2006	1	24	12:00:26.180	36.6682	140.9822	47.09	3.1		2006	2	5	23:04:52.500	36.2608	141.6038	79.53	2.6	
2006	1	24	12:06:08.700	34.4425	137.2857	341.98	4.8		2006	2	6	01:46:18.030	35.9532	139.7978	74.89	2.0	
2006	1	25	02:33:29.010	36.0700	139.8867	46.72	2.4		2006	2	6	03:57:41.453	36.5220	138.9093	4.02	2.1	local
2006	1	25	13:24:45.110	36.0443	139.5193	119.41	3.3		2006	2	6	04:03:15.443	36.5206	138.9067	4.57	2.5	local
2006	1	25	19:05:58.220	35.7265	140.2000	64.47	2.1		2006	2	6	09:52:02.420	35.3673	139.0110	12.31	2.5	
2006	1	26	01:12:34.040	36.8252	138.7492	3.60	1.8		2006	2	6	14:51:33.100	56.1900	164.2000	24.90	5.7	global
2006	1	26	03:00:08.930	38.8333	141.6337	67.88	3.8		2006	2	6	20:26:12.830	36.0190	140.3890	55.13	4.2	
2006	1	26	03:47:00.570	35.4018	140.4173	54.95	2.5		2006	2	6	20:49:12.810	35.8665	140.6115	47.23	2.7	
2006	1	26	06:21:27.250	36.1232	139.9867	68.20	2.6		2006	2	6	21:16:14.440	36.1228	139.9877	67.73	2.0	
2006	1	26	06:35:30.420	35.8465	140.3008	65.08	1.8		2006	2	6	21:37:37.610	32.1470	132.0752	14.93	2.3	
2006	1	26	07:32:59.880	35.6627	140.0963	66.55	2.2		2006	2	6	21:40:09.980	36.2243	141.6908	53.98	3.6	
2006	1	26	10:14:51.540	35.0878	140.2297	73.34	2.5		2006	2	6	22:30:21.570	36.1712	140.0668	67.00	1.8	
2006	1	26	18:00:11.530	35.1747	136.8540	37.04	2.9		2006	2	7	04:04:28.350	37.3350	139.0163	7.53	1.9	
2006	1	26	20:33:21.240	35.3527	139.1117	19.96	3.0		2006	2	7	06:12:01.510	35.7925	140.3465	96.78	2.7	
2006	1	27	01:41:28.230	38.0045	142.6523	31.94	4.3		2006	2	7	08:27:12.026	36.4291	137.9119	7.69	1.7	local
2006	1	27	02:01:36.620	35.9680	139.7930	76.15	3.3		2006	2	7	18:43:17.730	35.8102	140.2145	63.02	2.3	
2006	1	27	04:49:18.460	35.4183	140.4357	56.19	2.7		2006	2	7	22:39:29.020	36.9873	138.5822	11.23	2.4	
2006	1	27	06:44:28.187	36.5230	138.1784	9.51	1.2	local	2006	2	8	04:43:42.280	35.0388	137.4667	290.02	3.4	
2006	1	27	08:31:30.420	37.3315	138.3252	20.19	2.4		2006	2	8	06:47:40.500	34.0473	141.7682	20.56	3.7	
2006	1	27	14:10:50.060	35.6292	140.0547	99.06	2.4		2006	2	8	07:35:51.600	36.1477	140.0877	50.50	2.6	
2006	1	28	01:58:53.700	-5.4700	128.1300	397.00	7.6	global	2006	2	8	22:20:10.690	36.1303	140.0758	65.49	2.3	
2006	1	28	04:17:25.670	36.1908	139.7882	54.05	2.4		2006	2	9	12:54:29.380	36.3203	141.0110	46.03	3.3	
2006	1	28	18:23:10.920	35.6978	140.1122	67.49	2.4		2006	2	9	21:12:37.390	33.4257	140.5373	63.14	3.8	
2006	1	29	02:00:55.800	35.5398	139.5672	123.18	3.0		2006	2	9	22:05:20.350	37.7982	142.1697	35.31	4.6	
2006	1	29	04:53:33.170	35.8273	140.2542	49.71	1.7		2006	2	10	02:23:42.201	36.3208	137.9089	11.26	1.3	local
2006	1	29	05:13:12.100	35.8218	140.2515	49.93	1.6		2006	2	10	09:41:24.740	36.3123	140.0132	73.06	2.9	
2006	1	29	08:11:49.226	36.6121	138.3436	4.01	1.2	local	2006	2	10	18:18:04.900	37.6968	142.3300	33.35	4.4	
2006	1	29	09:59:48.800	37.0708	142.1348	43.00	3.2		2006	2	10	18:59:42.770	37.6903	142.3115	29.28	4.5	
2006	1	29	16:08:15.890	37.3423	141.8692	40.65	3.1		2006	2	10	20:41:00.890	36.0423	139.9237	44.66	2.7	
2006	1	29	16:44:18.450	36.9630	141.9355	29.69	2.9		2006	2	11	03:28:12.570	35.8110	140.9770	37.46	3.1	
2006	1	29	20:20:40.650	37.0858	138.7362	7.98	1.7		2006	2	11	06:35:49.970	37.6938	142.3278	34.56	3.5	
2006	1	29	21:41:41.320	35.6307	140.0965	67.52	2.0		2006	2	12	00:28:17.520	35.0015	139.6682	136.50	2.7	
2006	1	30	00:57:36.380	35.9743	139.1078	15.18	2.2		2006	2	12	08:12:02.520	35.3990	141.4332	39.20	4.0	
2006	1	30	07:14:38.070	36.0203	141.3750	44.63	3.3		2006	2	12	11:50:12.710	35.6187	137.6852	10.04	1.8	
2006	1	30	13:45:20.320	37.2125	138.7137	15.28	1.8		2006	2	12	16:47:19.670	36.3147	139.8130	120.09	2.6	
2006	1	30	17:37:34.650	36.3535	140.0997	106.89	3.9		2006	2	13	04:46:44.130	35.5722	140.1052	70.01	3.9	
2006	1	30	19:22:57.710	36.3232	140.0327	71.57	3.1		2006	2	13	15:41:25.883	36.6536	138.2930	4.01	1.5	local
2006	1	30	20:06:22.208	36.5171	138.9287	4.03	1.3	local	2006	2	13	17:23:18.020	38.4172	139.9308	8.64	4.8	
2006	1	30	20:48:15.078	36.8211	138.7497	4.02	2.1	local	2006	2	13	21:50:40.800	29.1360	142.3355	52.00	4.8	
2006	1	30	21:03:16.370	35.6442	140.0822	62.35	2.0		2006	2	13	23:54:13.370	35.6807	140.7425	48.44	2.3	
2006	1	30	21:25:01.002	36.8157	138.7506	3.98	1.8	local	2006	2	14	02:50:39.490	35.6785	140.7415	49.15	2.7	
2006	1	31	00:31:02.446	36.8227	138.7395	3.76	1.9	local	2006	2	14	03:18:03.000	35.4130	139.2913	120.26	1.7	
2006	1	31	14:12:38.890	36.6178	139.3815	8.38	2.5		2006	2	14	03:27:52.590	39.4405	142.9610	41.50	4.1	
2006	1	31	14:23:23.570	36.1563	139.1695	77.26	1.6		2006	2	14	13:01:41.720	38.2500	139.2490	18.97	3.4	
2006	1	31	16:37:51.060	35.5615	139.8093	27.89	2.7		2006	2	14	22:46:16.560	36.1832	140.0547	52.23	3.6	
2006	1	31	16:44:47.270	35.5652	139.8192	22.58	2.2		2006	2	15	00:27:23.300	20.8200	146.1800	40.00	6.3	global
2006	1	31	22:03:44.760	35.5620	139.8173	25.24	2.3		2006	2	15	03:44:24.620	36.9723	143.0572	57.00	3.8	
2006	1	31	22:59:19.930	37.2265	138.8408	7.95	1.4		2006	2	15	05:45:16.310	36.2460	137.6872	4.40	1.7	
2006	2	1	00:47:26.580	36.6163	139.3802	9.48	1.5		2006	2	15	06:12:13.720	36.2797	139.2288	114.10	3.1	
2006	2	1	02:47:30.360	36.2853	139.1052	138.62	1.8		2006	2	15	06:20:42.124	36.5224	138.9066	4.13	0.9	local
2006	2	1	03:45:27.220	37.1873	138.8283	7.73	1.9		2006	2	15	07:42:08.950	36.5667	139.3453	7.80	1.6	
2006	2	1	04:23:58.200	38.3965	142.3087	35.64	4.5		2006	2	16	00:03:58.310	36.2582	137.7043	3.75	2.3	
2006	2	1	05:02:05.080	30.0847	140.7838	6.00	4.8		2006	2	16	06:03:44.190	34.1735	141.7887	32.67	3.4	
2006	2	1	12:15:04.320	33.5098	132.3002	45.54	4.3		2006	2	16	06:38:16.190	37.2155	138.8245	9.60	1.7	
2006	2	1	12:45:37.950	37.1687	138.8210	7.83	1.8										

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	2	21	06:46:21.457	36.5155	138.9188	4.03	1.3	local
2006	2	21	08:10:05.430	35.6592	140.0660	68.13	2.6	
2006	2	21	13:44:04.850	36.0837	142.4882	77.00	5.2	
2006	2	21	15:01:44.240	35.5082	139.1420	17.71	2.8	
2006	2	21	16:47:29.030	34.2650	141.1870	49.78	4.1	
2006	2	21	20:38:22.770	28.7318	140.2582	449.48	4.1	
2006	2	22	01:29:05.950	36.2605	136.9632	284.29	3.1	
2006	2	22	13:37:23.980	35.6057	140.1015	70.50	4.1	
2006	2	22	18:29:37.440	35.6087	140.0932	69.61	2.3	
2006	2	22	19:07:14.870	36.5256	138.8942	4.02	1.1	local
2006	2	22	22:36:50.257	36.5119	138.7246	4.03	0.6	local
2006	2	23	01:05:25.679	36.4072	138.5088	2.83	1.3	local
2006	2	23	02:04:52.420	37.3608	138.3342	19.38	1.7	
2006	2	23	02:24:21.520	32.9435	139.2445	209.82	3.9	
2006	2	23	04:51:16.045	36.5252	138.8922	5.64	1.1	local
2006	2	23	05:10:41.730	34.9848	139.1100	7.93	1.9	
2006	2	23	07:28:18.770	35.6163	138.3000	13.49	2.2	
2006	2	23	12:19:02.390	36.1288	140.0715	65.12	2.2	
2006	2	23	23:26:33.450	36.3150	139.8367	75.20	2.0	
2006	2	25	00:51:43.470	41.4203	140.2343	141.74	1.7	
2006	2	25	01:29:30.080	33.1880	141.4500	6.00	4.3	
2006	2	25	04:33:07.260	34.5902	139.8273	23.10	3.4	
2006	2	25	04:57:37.136	36.6052	138.3045	4.05	1.0	local
2006	2	25	06:01:05.860	35.6723	140.1415	61.67	1.7	
2006	2	25	08:22:36.700	35.6910	138.1565	21.62	2.1	
2006	2	25	10:22:58.330	35.0182	139.0955	5.64	2.7	
2006	2	25	10:26:33.790	35.6610	140.1563	63.06	1.9	
2006	2	26	02:25:26.154	36.5596	137.9002	9.39	1.3	local
2006	2	26	08:38:20.580	35.2753	141.2545	39.12	3.8	
2006	2	26	14:27:59.840	35.5392	139.9865	55.23	2.4	
2006	2	26	18:11:08.870	40.4787	142.3970	80.21	4.0	
2006	2	26	18:49:19.440	36.8772	137.5768	10.51	2.8	
2006	2	26	21:36:53.580	34.3167	137.1508	341.72	3.8	
2006	2	27	04:27:27.200	-6.9900	125.1100	525.50	5.3	global
2006	2	27	04:27:28.519	36.1363	138.3894	8.11	1.6	local
2006	2	27	05:10:22.250	36.7270	141.2857	45.27	3.5	
2006	2	27	08:18:21.230	35.5565	141.0372	36.99	3.0	
2006	2	27	15:47:38.760	34.7928	139.6667	97.61	2.7	
2006	2	27	21:36:28.120	35.6112	139.4788	23.20	1.5	
2006	2	28	02:48:52.290	37.8165	139.0622	22.61	2.5	
2006	2	28	04:58:33.400	35.8938	140.8098	38.61	3.0	
2006	2	28	06:44:55.610	36.5175	141.5422	44.00	2.4	
2006	2	28	06:48:27.640	34.9973	139.0682	2.52	2.7	
2006	2	28	22:06:26.670	37.2350	138.8402	8.85	1.6	
2006	3	1	07:35:35.350	35.6907	140.1232	64.84	1.9	
2006	3	1	13:31:35.810	35.9872	136.8033	9.48	2.8	
2006	3	2	05:39:34.820	35.6802	137.0853	4.39	2.7	
2006	3	2	15:47:00.425	36.5436	138.9002	8.90	1.4	local
2006	3	2	22:25:11.810	32.9862	136.8560	38.53	3.9	
2006	3	2	23:28:43.730	34.2122	135.2097	4.33	4.1	
2006	3	2	23:59:04.680	35.2155	139.3537	151.85	2.3	
2006	3	3	00:52:33.180	38.7005	142.2570	38.64	4.4	
2006	3	3	02:03:36.800	37.1313	139.3120	7.44	1.9	
2006	3	3	07:04:26.110	35.9843	140.2640	44.49	2.8	
2006	3	3	07:52:00.230	36.1797	140.0278	52.18	2.3	
2006	3	3	15:46:46.790	37.1800	138.1820	10.25	1.7	
2006	3	3	16:34:17.430	36.0383	139.9107	44.52	2.6	
2006	3	3	19:43:50.021	36.5192	138.9120	4.09	1.4	local
2006	3	4	04:00:46.254	36.4482	138.0494	7.19	1.0	local
2006	3	4	07:15:54.980	36.2168	138.7268	147.35	2.4	
2006	3	4	11:17:17.950	36.4455	139.2067	7.45	1.1	
2006	3	4	18:52:22.980	35.6673	139.7940	29.48	2.1	
2006	3	4	21:08:29.630	36.7232	140.4372	72.36	2.7	
2006	3	4	21:33:57.800	36.0183	140.0938	63.21	2.4	
2006	3	5	03:38:13.520	33.7725	137.6057	353.19	5.3	
2006	3	5	10:23:04.590	35.6598	140.0112	70.00	2.0	
2006	3	5	12:05:25.634	36.5160	138.9099	4.13	1.3	local
2006	3	5	15:27:28.690	38.1347	139.2238	18.43	3.2	
2006	3	5	17:18:21.680	38.8605	142.2420	16.92	1.0	
2006	3	5	18:02:26.900	35.4540	139.6607	69.05	1.6	
2006	3	5	18:35:01.260	35.9282	141.5405	42.57	3.0	
2006	3	5	22:56:17.940	36.9720	141.6980	47.79	3.5	
2006	3	6	17:21:49.240	33.7217	141.2683	69.49	3.8	
2006	3	6	21:50:40.650	33.3603	142.3755	74.00	3.6	
2006	3	7	01:51:45.040	36.0188	139.5502	59.27	1.9	
2006	3	7	04:33:34.740	34.0060	141.7413	27.68	3.4	
2006	3	7	12:46:47.720	37.3375	138.9975	7.76	3.8	
2006	3	7	15:28:55.000	-14.8100	167.3700	136.20	6.2	global
2006	3	7	16:21:21.032	36.5180	138.9039	4.42	2.0	local
2006	3	7	16:42:21.129	36.5206	138.9036	4.04	1.3	local
2006	3	7	16:52:06.009	36.5066	138.9370	6.11	1.4	local
2006	3	7	23:03:37.570	37.5760	140.1090	140.75	2.8	
2006	3	7	23:13:11.418	36.5876	138.1846	5.57	1.4	local
2006	3	8	01:21:48.700	35.6942	140.0847	71.69	2.4	
2006	3	8	07:30:26.890	37.0733	138.5177	11.09	2.2	
2006	3	8	15:35:45.530	43.8955	148.2965	0.00	5.1	
2006	3	8	19:24:45.930	37.0818	138.5150	11.95	1.4	
2006	3	8	21:42:12.020	36.1042	139.9137	77.09	3.0	
2006	3	8	21:56:18.000	36.2340	140.1527	71.02	2.8	
2006	3	9	00:28:02.070	36.6470	138.6998	157.09	2.4	
2006	3	9	00:56:18.400	-22.3500	171.5100	145.10	5.3	global
2006	3	9	03:18:24.880	37.3537	138.9280	12.46	2.6	
2006	3	9	17:23:55.300	44.9900	151.7300	56.70	5.0	global
2006	3	9	18:02:01.870	36.6787	139.4988	9.19	2.0	
2006	3	9	21:36:41.140	36.0663	137.5507	5.45	1.8	
2006	3	9	22:55:55.530	36.5177	139.6533	104.15	2.9	
2006	3	10	01:19:05.480	37.2605	139.9198	6.70	2.7	
2006	3	10	02:08:08.550	36.1979	137.9237	7.70	2.4	local
2006	3	10	04:41:44.884	36.1524	138.0333	4.02	1.0	local
2006	3	10	13:39:11.830	37.3998	139.6783	4.44	2.7	
2006	3	10	17:17:23.360	34.9292	138.2058	27.00	2.2	
2006	3	10	17:55:48.610	36.7280	141.1795	75.24	4.5	
2006	3	10	19:19:32.597	36.6515	138.3021	4.01	0.7	local
2006	3	10	20:16:22.900	36.0228	140.0915	62.08	2.0	
2006	3	10	20:30:39.120	37.1147	139.4207	8.39	2.5	
2006	3	10	20:41:49.370	35.3307	139.9620	62.34	1.8	
2006	3	10	21:10:23.210	35.8907	137.7467	10.72	1.3	
2006	3	11	12:18:30.690	33.1530	141.2470	72.00	3.4	
2006	3	12	03:51:00.600	38.1833	141.6888	50.26	4.1	
2006	3	12	07:06:44.050	40.1155	142.4548	34.95	5.0	
2006	3	12	20:01:46.500	36.0812	141.7770	56.00	3.7	
2006	3	12	20:04:51.960	36.0310	141.7153	65.89	3.8	
2006	3	12	20:40:41.284	36.5315	138.8939	4.01	1.1	local
2006	3	12	23:12:35.230	37.4437	138.4767	27.51	2.4	
2006	3	13	12:00:38.090	36.0478	141.7652	58.00	4.7	
2006	3	13	12:41:21.470	36.2353	140.0995	55.64	4.1	
2006	3	13	13:06:09.350	36.0565	141.7655	59.00	5.1	
2006	3	13	13:15:31.820	36.0682	141.6703	56.03	5.1	
2006	3	13	15:55:49.850	36.0530	141.7318	55.61	4.9	
2006	3	13	17:09:29.540	36.0682	141.6488	63.43	3.0	
2006	3	13	21:10:35.090	36.0207	141.7272	68.38	3.3	
2006	3	14	00:33:39.130	35.7863	141.0113	37.72	2.8	
2006	3	14	08:25:58.399	36.5237	138.9155	4.02	1.8	local
2006	3	14	08:29:21.383	36.5183	138.9007	4.04	1.6	local
2006	3	14	08:40:48.106	36.5293	138.9138	4.01	1.4	local
2006	3	14	09:48:52.536	36.5211	138.9072	2.41	2.1	local
2006	3	14	12:01:58.230	37.5008	138.1738	27.40	3.5	
2006	3	14	15:57:33.900	-3.6000	127.2100	30.10	6.7	global
2006	3	14	16:01:39.550	36.4023	139.3960	142.90	2.9	
2006	3	14	17:28:02.150	35.9145	139.8012	79.99	2.5	
2006	3	14	22:43:04.410	36.3540	141.2378	48.14	2.1	
2006	3	14	23:04:12.200	47.9300	147.2700	414.00	5.3	global
2006	3	16	06:24:21.650	35.2822	137.0527	43.21	4.0	
2006	3	18	01:11:50.600	37.8863	140.8400	83.90	3.3	
2006	3	18	21:					

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	3	28	22:32:46.610	31.8357	138.1502	438.62	6.0		2006	4	11	00:24:41.310	42.3485	137.3165	315.36	4.7	
2006	3	29	02:15:49.920	36.4538	140.6073	54.88	2.6		2006	4	11	01:55:26.210	38.2610	143.5293	12.00	4.2	
2006	3	29	02:48:45.030	35.4210	139.7845	119.72	2.6		2006	4	11	13:23:31.520	36.6287	141.3693	46.02	3.4	
2006	3	29	03:50:47.600	35.9968	137.5768	5.06	1.9		2006	4	11	13:46:33.690	36.6225	141.3510	45.49	3.0	
2006	3	29	06:26:34.460	36.6525	138.2930	4.00	1.4	local	2006	4	11	15:01:51.000	35.9747	140.0440	57.89	2.0	
2006	3	29	11:20:28.560	30.1002	142.9867	49.00	5.3		2006	4	11	16:46:36.360	36.0317	141.3683	43.22	3.4	
2006	3	29	13:07:55.280	36.5760	141.4345	47.88	4.0		2006	4	11	17:46:05.130	34.6795	140.5992	65.95	5.0	
2006	3	29	19:28:39.470	37.2018	141.5482	75.64	4.8		2006	4	11	18:40:14.910	35.2702	139.6982	87.33	2.4	
2006	3	29	22:39:27.460	36.0155	139.4723	97.08	3.1		2006	4	11	19:23:29.220	35.6973	140.1137	65.89	2.2	
2006	3	30	05:36:15.390	36.0218	139.8897	42.46	2.5		2006	4	12	00:05:03.420	36.6550	140.8800	84.16	3.2	
2006	3	30	07:04:32.670	36.1870	140.0220	55.21	2.6		2006	4	12	01:59:33.530	36.0095	139.9193	53.92	2.6	
2006	3	30	17:21:16.570	37.2165	138.5745	11.48	3.7		2006	4	12	09:48:48.380	33.1875	137.1242	39.74	4.4	
2006	3	30	22:44:37.720	37.3013	138.9318	13.29	3.1		2006	4	12	10:06:58.700	56.4000	163.9900	28.80	6.0	global
2006	3	31	01:29:10.070	37.1953	141.0550	87.22	3.7		2006	4	12	13:35:41.450	36.4725	140.5935	82.61	2.9	
2006	3	31	02:26:38.520	37.2018	138.8798	13.73	2.2		2006	4	12	14:06:51.710	35.5357	139.2062	117.47	2.1	
2006	3	31	06:07:56.137	36.3093	138.5541	25.83	2.0	local	2006	4	12	14:44:34.390	35.6370	140.0860	62.25	2.2	
2006	3	31	13:00:13.130	34.9492	139.1677	8.04	3.0		2006	4	12	20:12:26.580	35.3720	140.4285	57.46	2.0	
2006	3	31	13:02:05.830	35.6480	140.0992	66.13	2.2		2006	4	12	20:49:43.290	35.6317	139.7560	84.32	1.6	
2006	3	31	17:43:36.909	36.0140	139.0485	11.35	1.9	local	2006	4	13	01:20:33.520	37.5990	140.6872	114.38	3.9	
2006	3	31	18:56:26.340	35.6290	140.0943	68.28	2.7		2006	4	13	02:08:11.800	36.0477	141.6983	63.31	2.9	
2006	4	1	00:34:14.390	37.0648	141.2818	30.66	3.1		2006	4	13	02:18:33.520	35.8280	140.2018	58.63	1.8	
2006	4	1	06:21:16.224	36.5159	138.8110	4.75	1.0	local	2006	4	13	13:27:22.930	41.7560	142.8938	43.26	5.3	
2006	4	1	09:33:49.110	35.6668	140.1503	65.61	2.2		2006	4	13	15:36:36.670	35.8508	138.7782	7.61	1.6	
2006	4	1	14:44:18.600	18.5900	145.2500	531.50	5.4	global	2006	4	13	17:35:51.900	56.1600	164.1100	31.00	5.2	global
2006	4	1	16:09:24.408	36.7524	138.2065	7.85	1.8	local	2006	4	13	19:22:46.950	36.6383	139.4672	9.01	1.6	
2006	4	1	17:19:08.600	-29.2500	-176.9400	10.00	5.1	global	2006	4	14	05:32:18.400	36.6612	139.3590	8.21	1.6	
2006	4	1	19:02:19.600	22.8700	121.2800	9.00	6.1	global	2006	4	14	07:11:22.359	36.5104	138.3870	38.06	1.7	local
2006	4	1	20:20:22.160	36.5228	142.3502	64.00	3.1		2006	4	14	07:28:41.050	36.6618	139.3608	8.37	1.8	
2006	4	1	20:43:39.980	36.0635	139.6605	54.09	2.1		2006	4	14	08:16:57.740	36.6635	139.3597	7.72	2.1	
2006	4	1	20:57:59.860	36.6247	141.5067	52.85	3.4		2006	4	14	08:39:20.890	34.1717	141.6963	35.87	4.4	
2006	4	1	23:37:12.700	37.0677	138.7593	11.42	1.8		2006	4	14	11:34:28.620	36.2367	139.7805	59.13	2.6	
2006	4	2	06:04:20.810	34.4477	140.2892	42.03	2.6		2006	4	14	12:30:20.900	-26.0000	-177.8100	166.00	5.5	global
2006	4	2	06:16:09.800	-4.8200	126.5500	424.80	5.2	global	2006	4	14	12:43:08.200	47.7400	152.9800	136.50	5.3	global
2006	4	2	07:39:04.154	36.2948	137.9960	9.76	1.5	local	2006	4	14	13:42:04.880	35.7102	139.3913	101.34	2.0	
2006	4	2	08:22:56.367	36.8203	138.6737	4.13	1.2	local	2006	4	14	16:33:42.400	35.8658	140.4882	35.21	3.9	
2006	4	2	09:38:08.170	34.5417	136.0483	364.16	4.2		2006	4	15	01:55:09.576	36.8000	138.7318	4.03	1.4	local
2006	4	2	10:01:25.140	36.5154	138.9155	5.31	2.2	local	2006	4	15	03:16:11.662	36.6543	138.2890	4.02	3.2	local
2006	4	2	16:22:54.840	38.5322	141.8160	49.78	4.4		2006	4	15	04:03:25.303	36.6480	138.3088	4.02	0.8	local
2006	4	2	20:46:48.070	36.2308	139.7787	58.56	4.3		2006	4	15	04:41:48.570	36.0000	143.4182	105.00	3.2	
2006	4	3	00:57:59.123	36.5939	138.4841	3.48	1.5	local	2006	4	15	19:03:42.006	36.5177	138.9104	5.84	2.9	local
2006	4	3	02:32:43.850	36.0413	139.7935	77.24	1.9		2006	4	16	01:21:37.920	37.4328	138.9648	10.41	2.2	
2006	4	3	08:53:17.580	34.8282	140.7087	60.84	3.6		2006	4	16	01:38:34.900	37.4552	141.5762	45.25	3.3	
2006	4	3	12:55:47.350	35.0175	139.1217	7.86	2.8		2006	4	16	04:12:43.720	35.6245	140.0718	68.66	2.5	
2006	4	3	22:25:27.750	37.3893	138.6573	25.25	2.5		2006	4	16	04:24:43.310	37.0553	139.3730	8.31	2.0	
2006	4	4	04:52:55.955	36.5245	138.9191	4.46	3.2	local	2006	4	16	06:49:50.908	36.1086	138.7648	36.02	2.0	local
2006	4	4	04:59:58.124	36.5095	138.9011	1.58	1.2	local	2006	4	16	07:40:54.100	22.8000	121.3600	17.60	5.9	global
2006	4	4	05:02:56.500	36.3232	139.8768	66.52	2.5		2006	4	16	13:24:25.711	36.3216	138.0250	6.97	1.4	
2006	4	4	05:10:50.080	36.0483	139.4810	57.68	1.7		2006	4	16	14:15:18.400	37.0023	141.3380	42.70	3.6	
2006	4	4	05:12:13.062	36.5153	138.9063	4.05	1.2	local	2006	4	16	20:48:54.440	30.2435	139.0265	453.74	5.7	
2006	4	4	05:14:57.747	36.5265	138.8976	2.54	1.7	local	2006	4	17	00:01:40.840	36.2627	137.0420	2.16	2.5	
2006	4	4	05:17:33.800	36.5203	138.9153	4.75	1.3	local	2006	4	17	08:55:28.830	33.5403	142.1940	73.00	3.9	
2006	4	4	05:34:43.691	36.5164	138.9101	4.07	1.2	local	2006	4	17	20:55:16.250	37.1505	138.8478	8.95	1.8	
2006	4	4	06:12:33.530	30.9388	140.9900	84.00	4.7		2006	4	17	23:52:18.410	37.2243	138.8265	8.07	1.9	
2006	4	4	11:33:21.250	35.1767	139.9777	67.58	2.3		2006	4	18	00:28:18.990	34.9582	139.1733	9.31	2.3	
2006	4	4	19:46:01.297	36.1512	138.6607	10.33	1.6	local	2006	4	18	00:33:37.420	34.9500	139.1737	10.83	2.5	
2006	4	5	05:36:11.030	36.8223	138.6568	0.23	1.4		2006	4	18	00:35:55.040	34.9498	139.1792	9.91	2.7	
2006	4	5	06:41:20.460	36.5705	138.8888	145.86	2.7		2006	4	18	01:17:03.320	34.9495	139.1768	9.90	2.9	
2006	4	5	14:54:59.600	35.8962	137.1668	263.99	3.8		2006	4	18	01:27:04.450	34.9500	139.1783	9.18	2.8	
2006	4	5	15:44:35.760	35.5905	140.1373	62.35	2.1		2006	4	18	01:32:37.090	34.9495	139.1750	9.11	2.9	
2006	4	5	16:52:28.200	37.7098	142.2018	37.38	3.6		2006	4	18	02:11:14.260	34.9518	139.1868	9.09	1.9	
2006	4	5	18:52:03.930	35.9263	136.6007	10.83	3.0		2006	4	18	02:46:14.800	34.9530	139.1843	8.98	1.5	
2006	4	5	19:05:59.950	35.5877	140.1472	66.68	2.8		2006	4	18	02:51:32.634	36.4073	138.0449	4.00	1.4	local
2006	4	5	21:41:46.390	36.5028	137.7873	4.86	2.2		2006	4	18	02:51:49.250	34.9490	139.1873	9.50	3.1	
2006	4	6	05:12:58.790	35.6823	139.8220	108.53	2.4		2006	4	18	02:58:11.420	34.9497	139.1860	9.86	2.7	
2006	4	6	15:40:47.220	36.3017	140.6768	83.16	4.1		2006	4	18	03:26:27.790	34.9458	139.1940	9.08	2.8	
2006	4	6	22:30:29.200	35.8218	140.2267	61.80	4.2		2006	4	18	05:14:06.540	34.9438	139.1933	9.18	2.9	
2006	4	6	22:35:11.070	35.7968	140.2092	60.27	3.0		2006	4	18	05:22:25.690	34.9480	139.1993	8.70	2.4	
2006	4	7	08:33:32.000	40.0060	138.9073	24.38	4.5		2006	4	18	05:46:18.320	36.5220	141.1883	43.91	3.4	
2006	4	7	11:52:43.240	35.8095	140.2087	58.65											

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	4	20	19:11:49.190	37.1283	138.4325	18.74	2.3		2006	5	1	18:05:17.110	37.2427	138.5813	9.74	2.0	
2006	4	20	22:00:44.890	36.0568	137.5725	7.67	2.0		2006	5	1	23:37:30.750	37.1363	139.5538	8.49	2.3	
2006	4	20	23:50:49.810	35.3465	140.0585	69.14	2.4		2006	5	2	03:40:25.670	37.2575	138.9272	10.45	3.4	
2006	4	21	00:53:19.720	36.0497	138.9895	131.79	2.0		2006	5	2	10:24:17.550	37.2637	138.9272	10.93	2.4	
2006	4	21	01:03:55.760	34.9490	139.2292	8.69	2.6	global	2006	5	2	10:28:49.580	35.8733	140.0875	71.69	2.1	
2006	4	21	02:50:23.810	34.9468	139.1925	8.88	2.1	global	2006	5	2	17:49:56.519	36.4645	138.5661	13.46	1.1	local
2006	4	21	03:06:01.930	34.9473	139.1873	7.56	3.7		2006	5	2	18:24:31.040	34.9168	139.3308	15.03	5.1	
2006	4	21	03:10:16.020	34.9512	139.1910	8.89	2.9		2006	5	3	04:02:38.390	37.4023	141.7953	40.40	3.7	
2006	4	21	03:20:21.310	34.9495	139.1952	7.89	4.5	local	2006	5	3	05:42:55.500	36.1860	140.9897	44.18	3.4	
2006	4	21	03:27:36.820	34.9482	139.1983	6.81	1.9	local	2006	5	3	07:59:58.000	33.6495	140.0018	97.82	3.3	
2006	4	21	03:45:34.260	34.9473	139.1935	7.45	2.8	local	2006	5	3	15:10:51.518	36.6108	138.3322	4.01	2.3	local
2006	4	21	06:35:48.410	36.5893	139.6867	104.35	2.1		2006	5	3	15:48:50.140	36.6768	139.5108	115.47	3.5	
2006	4	21	07:08:12.860	34.9470	139.1930	6.43	4.0	local	2006	5	3	17:18:41.770	36.6127	138.3312	3.87	1.4	local
2006	4	21	08:07:19.780	34.8943	139.2043	3.70	2.7		2006	5	3	17:43:05.370	37.2492	138.9237	11.07	2.2	
2006	4	21	08:29:52.510	34.8787	139.2178	3.31	1.1		2006	5	3	22:07:30.300	42.8352	145.0702	47.93	4.8	
2006	4	21	10:50:27.270	35.5420	140.1155	59.73	2.6		2006	5	4	00:26:40.300	-20.1900	-174.1200	55.00	8.0	global
2006	4	21	11:54:54.050	37.4590	142.9613	50.00	3.7		2006	5	4	00:44:08.420	36.1323	139.8465	53.23	3.7	
2006	4	21	19:40:30.400	34.8392	137.0603	35.36	2.7	local	2006	5	4	01:56:02.630	35.6645	140.0340	65.63	1.8	
2006	4	21	21:35:19.240	34.8898	139.2010	6.72	3.0	global	2006	5	4	03:57:59.400	34.8603	139.2453	9.88	2.3	
2006	4	21	22:43:25.890	34.9438	139.1865	8.79	3.5	local	2006	5	4	05:10:04.860	37.0177	141.1025	83.30	2.7	
2006	4	21	22:52:16.370	34.9428	139.1877	8.49	2.7		2006	5	4	10:17:29.230	37.1325	137.4412	16.30	3.9	
2006	4	21	23:00:08.030	34.9413	139.1838	8.74	2.6		2006	5	4	16:51:57.850	36.3085	139.1551	19.43	2.4	local
2006	4	21	23:16:49.260	34.9477	139.2000	10.03	1.3		2006	5	4	20:25:26.000	-20.5800	-174.0400	11.00	5.9	global
2006	4	22	00:47:34.420	34.9455	139.1963	10.37	3.0		2006	5	4	20:43:38.350	35.6890	140.0515	69.30	2.5	
2006	4	22	01:21:50.590	35.3900	136.7275	7.79	3.0		2006	5	5	04:34:40.640	36.5280	141.0768	43.32	2.6	
2006	4	22	01:44:24.880	34.8885	139.2027	0.51	4.8		2006	5	5	05:42:59.836	36.4952	138.0195	10.13	1.0	local
2006	4	22	01:57:26.790	34.8790	139.2208	2.00	2.8		2006	5	5	08:48:56.340	35.8368	140.1958	56.69	2.2	
2006	4	22	02:45:30.190	35.8642	137.6425	8.05	1.8		2006	5	5	13:19:40.900	-20.2600	-173.8700	11.20	5.5	global
2006	4	22	05:33:49.260	35.8447	137.7340	7.93	2.0		2006	5	5	17:39:37.640	37.5557	142.6583	27.00	4.1	
2006	4	22	05:35:27.210	35.8453	137.7345	8.13	2.0		2006	5	6	00:25:37.391	36.5821	138.2966	3.98	0.7	local
2006	4	22	06:03:23.720	34.9438	139.1963	8.57	4.2		2006	5	6	01:23:51.600	-20.3100	-173.9400	6.90	5.1	global
2006	4	22	09:05:43.820	34.8972	139.2003	4.33	3.4		2006	5	6	03:16:05.550	36.6560	139.3007	7.77	1.9	
2006	4	22	13:20:28.790	34.8852	139.2128	3.85	3.2		2006	5	6	03:36:00.840	34.9158	139.3290	15.91	2.8	
2006	4	22	15:05:58.820	35.8350	140.2535	55.90	2.3		2006	5	6	04:59:50.240	34.8768	136.9170	15.51	2.8	
2006	4	22	16:36:55.060	36.4280	139.1852	12.70	2.0		2006	5	6	20:19:56.080	37.0317	139.6785	6.09	2.7	
2006	4	22	20:54:32.650	36.0322	140.0823	63.85	2.8		2006	5	6	20:45:41.220	38.4427	142.2230	38.46	4.5	
2006	4	22	22:20:30.600	-3.8600	151.2300	62.60	5.3	global	2006	5	7	06:34:16.590	35.3365	142.6710	54.00	4.3	
2006	4	22	23:35:58.960	38.7027	141.8212	66.32	4.6		2006	5	7	11:53:47.100	36.6672	141.3192	46.96	3.0	
2006	4	23	03:09:44.310	35.8698	140.2515	54.61	4.1		2006	5	7	19:22:54.300	35.7562	137.1042	10.62	3.0	
2006	4	23	03:57:40.020	35.8698	140.2448	53.13	2.4		2006	5	7	20:21:48.640	36.2255	139.7793	56.93	3.2	
2006	4	23	06:45:02.840	34.8960	139.1958	4.82	3.4		2006	5	7	23:20:37.320	35.8198	140.3987	66.65	2.2	
2006	4	23	07:47:07.020	34.9463	139.1868	10.88	2.6		2006	5	8	03:39:35.812	36.3489	138.8474	12.31	1.2	local
2006	4	23	08:14:46.420	34.9422	139.1898	9.50	2.7		2006	5	8	10:33:06.750	36.1918	141.9250	69.00	3.4	
2006	4	23	08:38:37.310	34.9437	139.1863	10.10	2.7		2006	5	8	15:52:17.600	36.5257	140.6815	55.00	3.3	
2006	4	23	11:16:49.840	35.4912	138.9797	19.75	2.3		2006	5	9	03:37:00.000	-3.8500	141.2700	112.70	5.4	global
2006	4	23	12:50:00.698	36.5934	137.9132	10.20	1.7	local	2006	5	9	06:44:12.540	36.1768	141.9687	76.00	2.8	
2006	4	23	23:50:24.900	35.3518	140.0487	69.34	3.8		2006	5	9	06:53:56.500	36.5284	138.9080	7.64	1.5	local
2006	4	24	11:30:48.310	34.9435	139.1983	7.26	3.3		2006	5	9	08:01:37.180	35.8398	140.2787	50.33	2.2	
2006	4	24	13:28:14.320	38.2892	139.8260	154.05	4.8		2006	5	9	08:10:03.700	36.9513	138.4713	8.67	2.4	
2006	4	24	17:47:23.541	36.5213	138.7269	4.00	1.3	local	2006	5	9	15:23:28.490	35.8947	137.6413	7.94	2.0	
2006	4	24	20:17:01.130	36.1127	139.4775	67.05	2.2		2006	5	9	17:25:41.298	36.5266	138.9110	4.39	1.0	local
2006	4	24	23:42:52.440	37.2678	142.0878	35.00	3.5		2006	5	9	23:24:16.390	36.1795	141.9858	70.00	3.0	
2006	4	25	01:52:53.030	37.2507	142.1087	28.00	3.3		2006	5	10	00:27:00.620	35.6632	137.2622	6.16	2.5	
2006	4	25	08:18:22.290	37.3673	138.8678	11.85	3.6		2006	5	10	09:52:10.920	35.3613	140.8220	34.51	3.2	
2006	4	25	08:44:23.660	37.3682	138.8665	11.20	2.5		2006	5	10	10:23:18.950	36.0728	139.8828	47.35	4.2	
2006	4	25	20:05:27.450	37.3670	138.8692	11.22	2.7		2006	5	10	11:42:51.000	52.5100	-169.2600	18.00	6.4	global
2006	4	26	00:24:56.770	35.8587	140.2308	52.11	2.2		2006	5	10	12:45:22.410	36.1817	140.1128	51.59	3.3	
2006	4	26	02:47:45.000	37.3728	138.8615	11.05	2.8		2006	5	10	22:11:09.780	35.8873	136.8132	10.73	2.2	
2006	4	26	03:26:17.100	1.9900	97.0000	21.00	6.3	global	2006	5	11	01:47:51.260	43.5335	139.9055	212.43	4.9	
2006	4	26	05:41:19.580	36.9725	141.6618	48.30	2.9		2006	5	11	11:45:22.880	36.1792	141.9853	67.00	3.3	
2006	4	26	16:07:34.910	36.4138	141.6913	68.46	3.2		2006	5	11	13:14:35.270	36.4558	140.5952	55.62	4.0	
2006	4	26	18:21:23.800	35.8740	140.2558	50.91	2.5		2006	5	11	23:54:52.400	34.8872	138.1002	22.53	2.3	
2006	4	26	18:48:05.170	37.5367	138.1345	26.53	2.5		2006	5	12	00:53:02.490	37.1720	138.8542	8.10	2.4	
2006	4	26	20:14:26.540	37.3765	138.8702	10.73	1.9		2006	5	12	01:09:44.760	42.9275	145.8273	55.53	5.0	
2006	4	26	23:10:36.970	42.0338	142.5933	60.65	4.6		2006	5	12	18:50:47.771	36.5493	137.9847	10.64	1.5	local
2006	4	27	02:32:18.800	36.0038	140.0760	61.43	1.9		2006	5	12	19:46:28.260	35.0048	139.1207	7.88	2.6	
2006	4	27	11:57:29.180	34.4982	141.2447	48.12	4.3		2006	5	12	20:25:38.620	37.7525	139.1903	8.40	2.4	
2006	4	27	13:35:40.093	36.3135	139.1394	4.07	1.5	local	2006	5	13	02:27:01.460	35.1460	140.6348	36.55	2.6	
2006	4	27	18:08:26.400	35.9873	138.0927	9.76	1.9		2006	5	13	12:11:42.900	5.51				

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	5	19	13:09:23.760	37.2260	138.8450	7.48	2.0		2006	6	6	14:41:24.210	36.0563	137.5763	7.64	1.9	
2006	5	19	22:47:49.790	36.0998	142.0395	66.00	3.5		2006	6	6	22:53:59.830	36.2290	139.0992	134.84	2.2	
2006	5	19	23:44:24.900	-0.1400	124.7100	35.00	6.3	global	2006	6	7	12:21:52.090	35.6480	140.0908	67.12	3.2	
2006	5	20	07:20:15.410	35.9910	140.1587	60.29	3.6		2006	6	7	15:08:23.210	37.3043	138.0753	18.52	2.3	
2006	5	20	13:57:52.090	35.2028	140.1123	73.80	4.7		2006	6	7	18:41:56.880	34.7295	139.2857	0.00	2.6	
2006	5	20	16:41:24.180	35.2103	140.1010	73.10	2.4		2006	6	7	19:22:57.560	35.4937	138.9898	26.14	2.0	
2006	5	21	16:22:35.080	38.7203	142.2680	39.33	4.6		2006	6	7	19:44:46.130	36.6635	139.9918	91.27	2.2	
2006	5	21	17:50:11.857	36.1822	137.9669	10.23	1.6	local	2006	6	7	21:00:55.690	36.7005	141.2133	45.30	2.8	
2006	5	21	18:56:34.340	35.9320	137.6650	9.86	2.2		2006	6	7	21:44:15.510	34.7328	139.2853	0.78	2.3	
2006	5	21	22:50:21.320	33.3185	140.8860	86.66	4.3		2006	6	8	03:23:45.000	3.6300	122.7600	572.20	5.3	global
2006	5	22	03:51:12.840	34.1812	138.7597	15.16	2.8		2006	6	8	04:29:27.570	35.9102	137.5858	11.02	2.0	
2006	5	22	04:43:33.560	36.6960	139.3350	7.99	2.0		2006	6	8	06:06:57.030	37.0443	139.4430	8.26	2.9	
2006	5	22	11:07:44.090	35.4815	139.4160	138.18	2.8		2006	6	8	17:50:50.950	36.0837	140.0165	65.26	2.1	
2006	5	22	29:12:00.400	60.7700	165.7400	16.50	6.6	global	2006	6	8	18:02:22.910	37.3203	140.3403	94.80	2.5	
2006	5	22	20:32:20.220	34.2143	135.3147	6.80	3.6		2006	6	8	23:59:35.200	-20.5000	-177.9500	556.80	5.3	global
2006	5	22	20:36:57.390	36.2618	138.3360	175.61	2.5		2006	6	9	01:18:25.200	35.3763	140.4358	53.59	1.9	
2006	5	22	22:08:01.700	54.2800	158.4300	184.70	6.2	global	2006	6	9	06:07:19.010	35.3918	140.6697	48.46	4.2	
2006	5	23	00:16:17.130	29.9240	131.2932	31.67	5.0		2006	6	9	11:30:20.245	36.4056	138.0479	3.77	1.9	local
2006	5	23	01:09:39.190	34.6807	140.6475	55.57	2.8		2006	6	9	12:36:39.700	36.3940	141.0197	47.32	3.9	
2006	5	23	01:21:17.320	34.6827	140.6457	54.30	4.1		2006	6	9	13:39:32.910	36.6968	137.7638	0.00	2.1	
2006	5	23	05:53:07.400	-4.7200	126.8100	2.80	6.1	global	2006	6	9	14:58:27.800	-17.5300	-178.7500	564.40	6.1	global
2006	5	23	08:51:02.060	36.8668	139.4430	153.59	2.4		2006	6	9	17:14:00.480	35.9688	139.8227	74.77	2.2	
2006	5	23	15:42:12.670	36.3505	140.9360	47.47	3.4		2006	6	9	18:26:55.760	36.4237	140.6557	53.49	3.6	
2006	5	23	21:13:34.704	36.5232	138.7267	4.04	0.8	local	2006	6	9	19:40:41.800	-17.9800	-178.5000	575.90	5.5	global
2006	5	24	02:55:31.330	35.4998	139.9495	69.04	2.1		2006	6	9	22:22:23.750	35.2513	138.4497	17.15	2.5	
2006	5	24	04:16:33.480	35.5312	138.0605	13.59	2.3		2006	6	10	01:05:32.580	34.7553	138.5538	23.17	3.1	
2006	5	24	04:59:59.830	36.1928	139.7240	106.31	3.1		2006	6	10	01:28:43.240	35.8695	140.2423	51.72	2.1	
2006	5	24	05:46:02.450	33.2533	137.1517	40.90	4.3		2006	6	10	04:11:47.870	36.3733	141.0425	45.48	2.7	
2006	5	24	07:36:33.240	34.4303	138.2483	34.90	2.5		2006	6	10	05:22:54.940	37.4190	140.7545	86.50	3.5	
2006	5	24	11:28:10.580	37.1858	138.8108	7.00	2.1		2006	6	10	05:57:29.270	34.7365	139.2838	0.00	2.3	
2006	5	24	12:07:33.830	36.1372	140.8710	43.07	2.8		2006	6	10	09:21:39.490	37.2068	142.1195	31.99	3.6	
2006	5	24	19:11:08.000	-2.2500	139.1500	31.50	5.7	global	2006	6	10	15:13:36.340	37.1902	138.6917	12.99	2.2	
2006	5	25	05:50:42.160	36.4367	139.7870	96.08	2.2		2006	6	10	17:12:54.320	35.9307	137.6668	9.89	1.6	
2006	5	25	06:46:14.590	36.5378	138.3161	4.00	1.4	local	2006	6	10	17:17:17.510	37.2875	138.9692	9.79	2.1	
2006	5	25	10:34:22.830	35.6577	140.0097	70.09	2.4		2006	6	11	02:33:30.330	37.1432	137.0980	266.32	3.6	
2006	5	25	15:48:28.330	36.7147	139.4000	4.91	2.2		2006	6	11	05:01:31.690	35.5675	139.6277	63.59	2.0	
2006	5	25	21:38:38.190	37.3263	138.3252	20.10	1.8		2006	6	11	07:11:02.590	37.3255	139.7280	124.76	2.8	
2006	5	25	22:29:51.670	36.4702	137.6145	4.00	2.0		2006	6	11	14:46:01.300	-20.6600	-179.2600	662.80	5.9	global
2006	5	25	22:34:43.290	36.4697	137.6138	1.29	1.5		2006	6	11	16:21:08.730	34.6655	136.5640	15.69	2.6	
2006	5	26	01:21:29.790	35.8648	139.8708	53.96	2.6		2006	6	11	16:46:41.830	40.8127	141.1428	100.42	3.7	
2006	5	26	07:10:15.430	35.9317	137.6640	9.85	2.3		2006	6	11	22:00:31.639	36.4908	138.0433	4.03	0.9	local
2006	5	26	09:04:24.050	35.6448	140.0822	64.87	1.9		2006	6	12	01:33:14.880	33.6662	137.3123	360.27	3.3	
2006	5	26	19:25:58.400	30.3837	138.7998	464.36	4.5		2006	6	12	01:46:04.090	35.6858	140.1468	65.29	2.7	
2006	5	26	22:20:56.630	35.9328	137.6647	10.03	1.9		2006	6	12	05:01:24.980	33.1353	131.4355	145.17	6.2	
2006	5	26	22:58:54.490	36.3245	141.8042	67.00	3.5		2006	6	12	10:58:19.380	35.6307	140.1077	68.22	2.6	
2006	5	27	03:03:03.000	35.5102	140.9972	40.62	4.1		2006	6	12	20:03:52.660	36.3497	142.6517	74.00	3.7	
2006	5	27	04:25:08.380	35.5973	140.1390	72.16	2.2		2006	6	13	01:41:55.860	36.6160	139.3462	9.20	2.5	
2006	5	27	07:53:58.900	-7.9600	110.4500	12.50	6.4	global	2006	6	13	03:32:50.360	36.3030	139.1742	123.80	1.7	
2006	5	28	07:12:00.490	34.4828	140.0062	91.12	2.8		2006	6	13	11:40:33.110	42.7020	143.4215	85.53	4.7	
2006	5	28	10:03:55.280	36.5753	139.3552	8.01	2.0		2006	6	13	13:12:52.610	37.6173	138.7262	21.89	2.4	
2006	5	28	11:53:55.240	35.7990	140.2242	56.13	2.0		2006	6	13	17:46:06.981	36.4007	138.0262	4.05	1.8	local
2006	5	28	20:36:33.030	33.3427	131.7973	80.30	4.3		2006	6	13	20:03:53.860	37.4207	141.1078	27.97	3.9	
2006	5	28	21:32:16.160	36.1333	140.0858	64.98	2.3		2006	6	13	21:05:56.176	36.5132	138.9220	4.75	1.3	local
2006	5	28	23:46:24.280	35.8090	137.4563	9.02	2.4		2006	6	14	04:09:22.760	37.6177	142.2470	34.07	3.5	
2006	5	29	05:18:44.480	41.8082	144.4062	35.51	4.6		2006	6	14	07:11:15.130	36.0438	139.9152	45.40	3.6	
2006	5	29	07:02:11.280	37.3275	138.9293	8.29	1.9		2006	6	14	13:33:32.070	35.9223	139.0025	128.44	2.6	
2006	5	29	07:29:10.260	36.3102	141.8488	74.00	3.2		2006	6	14	15:09:47.660	35.6447	139.6288	70.71	2.2	
2006	5	29	19:35:29.100	35.6798	140.3765	54.85	2.2		2006	6	14	17:16:50.270	36.6677	141.2355	45.25	2.7	
2006	5	29	23:57:06.070	37.1450	138.7280	9.30	1.9		2006	6	14	20:18:18.030	35.7465	140.6890	46.09	3.0	
2006	5	30	02:14:58.120	36.0562	137.5742	6.92	1.5		2006	6	15	01:58:12.530	36.4420	140.6122	55.40	3.8	
2006	5	30	10:32:00.890	36.1368	140.0763	65.99	2.2		2006	6	15	03:33:01.250	35.4943	138.9772	18.36	2.0	
2006	5	30	17:24:19.900	36.0790	138.9087	140.91	2.3		2006	6	15	07:23:51.190	33.3835	140.1915	89.87	3.8	
2006	5	30	21:17:44.730	36.2708	139.4075	123.58	3.4		2006	6	15	09:36:40.920	35.6562	139.5202	24.59	2.1	
2006	5	31	06:20:40.010	36.3850	139.4508	7.35	2.6		2006	6	15	09:50:57.087	36.3382	137.9830	8.92	1.9	local
2006	5	31	08:24:15.200	37.5227	138.1788	25.66	2.8		2006	6	15	14:49:08.220	36.9832	141.6512	72.34	3.6	
2006	5	31	10:30:49.660	35.9170	138.1328	9.59	2.2		2006	6	15	17:52:50.160	35.9323	137.5408	8.83	2.0	
2006	5	31	10:35:25.220	35.9158	138.1332	9.78	1.9		2006	6	15	19:04:25.730	35.6617	140.1710	66.10	1.8	
2006	5	31	12:36:03.080	35.1712	139.8408	63.97	2.8		2006	6	16	00:13:14.600	37.9797	140.4463	132.21	3.3	
2006	5	31	14:59:28.340	35.6050	139.7313												

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	6	19	08:09:44.340	36.8825	141.9565	21.46	3.3		2006	7	6	16:17:02.900	-6.3400	155.4100	192.30	5.1	global
2006	6	19	19:52:04.370	35.6710	140.7402	47.20	3.1		2006	7	6	22:57:40.680	34.1565	141.5903	70.12	3.3	
2006	6	20	06:47:10.740	35.8073	140.1133	65.69	4.6		2006	7	7	00:11:36.700	-10.4800	165.1200	66.60	5.7	global
2006	6	20	13:38:13.210	35.9435	140.1530	93.73	2.2		2006	7	7	04:20:19.480	35.8218	140.0292	91.38	2.5	
2006	6	20	16:01:14.630	35.7542	138.2123	14.39	2.4		2006	7	7	06:54:06.420	36.9403	141.9002	45.00	3.2	
2006	6	20	20:53:11.300	36.8697	141.3640	76.66	2.7		2006	7	7	08:35:42.140	37.3682	138.9367	11.96	2.4	
2006	6	21	02:04:17.080	34.2147	139.1842	12.90	3.0		2006	7	7	13:15:11.710	35.5200	139.9470	24.74	2.8	
2006	6	21	02:18:42.180	35.9865	140.2598	39.64	1.4		2006	7	7	16:24:02.470	35.5183	139.9445	19.21	2.5	
2006	6	21	02:36:24.530	37.2537	139.6152	6.18	2.2		2006	7	7	19:06:13.400	-10.7700	164.2900	34.30	5.3	global
2006	6	21	17:10:58.270	36.5235	137.6688	0.59	2.5		2006	7	7	23:44:25.730	34.6935	137.5343	310.92	3.7	
2006	6	21	21:40:59.700	-1.8600	-77.3600	169.50	5.3	global	2006	7	8	04:17:55.110	40.1460	142.4415	34.90	3.9	
2006	6	22	01:17:29.370	36.5230	137.6693	0.42	2.7		2006	7	8	08:26:55.710	35.6245	140.1147	67.30	2.3	
2006	6	22	19:53:14.040	44.8022	149.5057	111.00	5.8		2006	7	8	08:46:27.219	36.7508	138.8267	1.98	1.8	local
2006	6	22	20:31:42.150	35.7282	140.1962	62.94	2.4		2006	7	8	12:02:40.100	36.0110	140.1128	62.82	2.0	
2006	6	22	21:14:53.420	34.7263	140.6480	54.65	2.6		2006	7	8	12:54:02.480	36.5608	139.3575	8.75	2.0	
2006	6	23	01:54:24.790	35.2595	136.6592	329.07	3.5		2006	7	8	16:20:01.880	35.7733	139.1403	120.92	2.1	
2006	6	23	17:14:35.050	35.7223	140.1990	62.31	1.0		2006	7	8	17:57:54.120	35.9035	140.0832	71.18	1.8	
2006	6	23	17:16:39.960	35.7390	140.1855	62.42	2.3		2006	7	8	19:28:43.410	35.5152	139.9552	21.79	2.5	
2006	6	23	18:35:35.460	35.4105	138.9533	24.01	2.1		2006	7	9	03:32:40.090	36.9075	141.5835	51.48	3.4	
2006	6	23	21:06:03.950	36.9512	141.0837	50.34	2.8		2006	7	9	04:14:23.170	35.2953	140.2707	18.35	2.6	
2006	6	24	05:29:50.060	35.9045	136.7540	9.69	2.7		2006	7	9	05:40:01.000	51.2100	-179.3100	22.00	6.6	global
2006	6	24	06:41:39.480	36.5765	137.6655	0.00	1.9		2006	7	9	09:06:19.560	35.5155	139.9475	24.14	4.2	
2006	6	24	09:14:02.258	36.5164	138.9164	4.02	1.1	local	2006	7	9	13:40:59.250	35.5198	139.9455	22.42	2.4	
2006	6	24	10:25:48.480	37.4415	141.2862	83.72	3.1		2006	7	9	15:06:47.710	36.7047	139.5053	7.25	1.5	
2006	6	24	11:07:51.950	35.6828	138.9293	164.75	3.1		2006	7	9	15:54:12.620	36.1047	139.1220	126.12	2.3	
2006	6	24	11:23:42.790	33.1420	137.0130	40.61	3.8		2006	7	9	17:48:08.060	34.3527	139.1565	10.69	4.8	
2006	6	24	16:41:35.260	36.5207	137.6727	1.66	1.8		2006	7	9	18:11:11.690	34.3313	139.1713	5.79	2.9	
2006	6	24	17:41:17.820	36.1560	139.2518	70.13	2.0		2006	7	9	19:08:02.140	34.3618	139.1593	8.02	2.3	
2006	6	24	22:18:44.320	33.3425	135.7437	27.62	4.0		2006	7	10	02:14:28.760	33.1492	140.0945	103.07	3.0	
2006	6	24	22:48:20.970	37.0583	140.9535	53.46	3.0		2006	7	10	03:09:55.160	35.5177	139.9547	23.93	2.2	
2006	6	24	23:10:45.760	35.7928	137.4557	9.42	3.9		2006	7	10	11:49:13.980	34.0642	140.7315	45.01	3.9	
2006	6	24	23:42:20.660	35.7910	137.4562	9.46	2.4		2006	7	10	13:52:40.230	37.1162	139.1975	4.00	2.0	
2006	6	25	01:47:14.780	35.5117	139.9157	19.86	2.1		2006	7	10	13:54:10.040	37.2705	142.1767	28.48	3.2	
2006	6	25	03:03:57.630	38.1847	142.5192	36.43	3.2		2006	7	10	20:01:35.660	33.7627	139.8097	109.58	2.6	
2006	6	25	04:52:45.610	36.1122	139.7105	114.28	3.8		2006	7	11	03:05:03.140	36.3500	139.6690	125.17	1.8	
2006	6	25	06:20:15.470	33.2005	138.5538	326.00	4.0		2006	7	11	04:51:49.490	37.6258	138.9282	15.67	2.7	
2006	6	25	06:29:31.630	35.5097	138.2030	6.13	1.9		2006	7	11	11:55:41.360	35.8165	140.9865	26.71	3.1	
2006	6	25	08:43:38.200	43.5100	150.0100	40.60	5.1	global	2006	7	11	14:52:32.410	35.6562	140.1795	62.28	1.8	
2006	6	25	08:58:51.960	37.2905	141.8118	40.23	3.7		2006	7	11	15:36:35.970	34.8992	137.4825	300.67	3.5	
2006	6	25	09:07:31.310	36.6243	137.4492	242.05	3.2		2006	7	11	15:47:04.040	40.6335	142.6758	31.01	4.5	
2006	6	25	21:24:12.280	35.9757	137.5405	10.26	2.4		2006	7	11	16:18:36.070	35.7628	138.8633	8.43	3.3	
2006	6	25	23:35:40.890	35.9775	137.5418	10.21	1.7		2006	7	11	17:26:58.810	35.0785	138.8758	193.54	2.9	
2006	6	26	11:26:23.070	34.8498	140.3348	64.48	2.6		2006	7	11	17:28:30.800	34.0065	140.3080	77.49	3.4	
2006	6	26	22:19:07.190	36.4628	141.0853	46.15	3.1		2006	7	11	19:20:18.960	35.9797	139.0625	130.99	2.7	
2006	6	27	00:35:40.680	33.3820	140.1692	89.58	3.1		2006	7	11	21:14:39.150	38.4788	142.1520	39.60	3.6	
2006	6	27	11:59:15.300	-19.8600	-178.2900	569.90	6.3	global	2006	7	11	23:14:03.900	36.7867	140.8613	88.65	3.1	
2006	6	27	19:09:56.960	35.7560	138.2105	14.76	1.6		2006	7	11	23:43:34.340	36.3215	139.4833	79.13	2.7	
2006	6	27	21:12:22.900	35.6335	139.7452	123.09	2.8		2006	7	12	00:20:12.950	36.3123	140.0838	72.65	2.4	
2006	6	27	22:15:04.240	35.9173	139.2860	18.50	2.1		2006	7	12	01:10:45.280	35.8000	137.6630	7.43	2.2	
2006	6	27	23:21:51.780	35.6413	140.0597	69.43	4.0		2006	7	12	04:31:42.270	36.3994	137.9799	7.28	1.8	local
2006	6	28	09:40:24.360	35.8937	139.9227	112.46	4.1		2006	7	12	08:47:43.090	36.2467	140.8478	45.54	3.2	
2006	6	28	11:56:00.860	36.0558	137.5765	7.71	2.7		2006	7	12	16:33:52.801	36.5150	138.9022	4.07	1.8	local
2006	6	28	16:57:06.270	35.7600	140.1083	76.71	2.6		2006	7	12	18:58:22.230	35.6327	140.0747	69.54	2.1	
2006	6	28	19:02:59.180	36.0563	137.5755	7.08	2.1		2006	7	13	01:53:57.940	35.5132	139.9480	24.26	2.3	
2006	6	29	00:38:31.170	35.5458	138.9267	24.78	1.6		2006	7	13	02:15:50.450	37.2698	139.1813	3.66	2.0	
2006	6	29	07:43:22.200	34.8877	137.6505	31.38	2.6		2006	7	13	04:08:12.300	-5.9900	148.5200	49.70	5.6	global
2006	6	29	12:19:17.550	36.2978	138.8683	137.07	3.5		2006	7	13	17:56:28.648	36.2313	138.3348	8.11	1.0	local
2006	6	29	20:09:04.400	35.6690	140.1263	66.85	3.7		2006	7	13	23:33:41.994	36.5677	138.3960	4.62	0.8	local
2006	6	29	21:31:04.900	35.0707	137.9162	20.28	3.2		2006	7	14	07:34:58.445	36.3739	139.1339	33.11	2.6	local
2006	6	30	11:24:55.670	35.0703	137.9145	19.59	3.1		2006	7	14	13:39:52.370	37.2398	138.5742	9.42	2.8	
2006	6	30	15:11:24.410	35.6800	140.1130	65.73	2.6		2006	7	14	15:01:28.320	35.6575	140.1503	64.47	1.7	
2006	6	30	23:11:53.250	37.3315	139.5903	9.66	2.1		2006	7	14	16:13:33.670	36.3440	137.1960	261.66	3.2	
2006	7	1	00:59:42.321	36.4170	138.6724	6.33	0.8	local	2006	7	14	23:25:07.290	34.4780	138.7475	198.82	3.6	
2006	7	1	08:28:13.230	38.4697	142.1563	39.99	5.3		2006	7	15	04:00:13.710	38.2617	144.6903	57.00	4.4	
2006	7	1	11:05:31.680	38.1180	137.8575	24.24	3.6		2006	7	15	06:31:19.680	36.3215	140.9810	45.39	2.8	
2006	7	1	12:54:35.660	35.6605	139.8540	77.20	2.3		2006	7	15	16:10:48.200	-4.4500	126.1700	367.80	5.8	global
2006	7	1	14:17:43.620	37.4323	139.6903	3.66	2.4		2006	7	16	04:45:44.760	35.7488	140.9763	34.45	3.2	
2006	7	1	14:29:46.900	35.9053	139.9723	62.73	3.4		2006	7	16	05:32:42.890	37.0088	141.7602	46.10	2.8	
2006	7	1	22:51:37.150	35.7392	140.1880	64.55	2.3		2006	7	16						

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	7	20	22:40:14.500	39.4008	141.2195	119.79	3.7		2006	8	12	05:17:46.760	29.0143	138.3925	532.00	4.1	
2006	7	20	23:17:36.620	37.0877	138.6300	10.82	1.7		2006	8	12	05:54:14.400	2.4000	96.3500	22.00	6.2	global
2006	7	21	15:33:14.960	35.5623	139.6735	59.03	2.7		2006	8	12	08:51:07.600	22.4500	121.5300	42.50	5.2	global
2006	7	21	19:59:27.195	36.5203	138.9057	4.07	1.7	local	2006	8	12	11:42:58.577	36.4183	138.0435	6.68	2.0	local
2006	7	22	04:04:04.080	37.0027	138.3672	12.41	1.6		2006	8	12	12:37:38.580	32.6445	142.4313	0.00	4.5	
2006	7	22	12:13:16.990	35.7042	140.8708	29.39	3.0		2006	8	12	13:52:00.301	36.4182	138.0393	5.92	2.7	local
2006	7	22	21:57:00.720	35.4755	138.9827	23.08	2.4		2006	8	12	15:02:40.038	36.6568	138.2970	4.01	1.3	local
2006	7	22	23:11:25.170	35.6350	140.0195	53.14	1.8		2006	8	12	20:11:33.200	36.9925	141.6458	50.01	4.5	
2006	7	23	14:50:33.660	35.7512	139.8648	98.84	2.3		2006	8	12	22:26:33.494	36.6029	138.3128	4.36	1.1	local
2006	7	23	22:39:46.240	34.6190	139.8960	89.35	2.9		2006	8	13	01:40:26.860	35.8537	137.6573	8.64	1.5	
2006	7	24	00:12:41.470	34.8957	137.9410	258.05	3.5		2006	8	13	02:05:09.800	35.6533	140.0850	65.93	1.9	
2006	7	24	03:12:56.330	35.5423	138.9808	20.19	2.8		2006	8	13	03:39:17.630	28.6910	130.1787	55.58	5.3	
2006	7	24	06:28:06.720	36.2890	137.6450	1.42	1.4		2006	8	13	04:57:31.670	36.9558	141.3142	48.46	3.0	
2006	7	24	23:33:38.540	35.6523	139.7287	115.55	2.5		2006	8	13	06:57:48.150	34.8842	137.2917	37.73	2.1	
2006	7	25	01:43:01.400	35.4377	139.4895	99.48	2.0		2006	8	13	11:55:35.590	37.5828	138.1780	25.58	2.9	
2006	7	25	02:07:53.890	34.7310	140.2290	78.78	2.5		2006	8	13	21:29:57.740	35.5170	139.3437	110.43	1.8	
2006	7	25	07:25:28.740	33.7648	141.6847	33.00	3.6		2006	8	13	21:51:07.200	36.0172	141.2707	43.76	3.0	
2006	7	25	17:27:30.750	36.2497	139.7762	58.77	2.7		2006	8	13	23:52:47.380	38.1983	144.7598	61.00	4.6	
2006	7	25	18:53:49.230	36.0962	140.0285	67.10	2.4		2006	8	14	00:28:45.501	36.0841	138.8503	11.38	1.2	local
2006	7	25	20:43:07.970	35.9233	139.8227	79.14	2.7		2006	8	14	01:06:01.410	38.1303	138.2422	13.23	3.3	
2006	7	26	07:18:59.720	37.2088	142.1792	38.00	3.3		2006	8	14	09:36:06.830	32.8557	139.3335	202.99	3.4	
2006	7	26	07:49:54.970	32.8652	139.4658	184.09	4.1		2006	8	14	12:45:09.190	37.1995	138.8195	7.81	2.2	
2006	7	26	11:35:44.802	36.2647	138.5467	1.19	1.4	local	2006	8	14	13:34:12.910	36.4748	141.0552	44.67	2.8	
2006	7	26	20:14:41.230	36.6638	139.4885	8.09	1.7		2006	8	14	14:42:01.620	35.1670	140.2495	72.14	3.6	
2006	7	26	20:29:58.490	34.8475	140.3390	66.86	3.5		2006	8	15	12:05:10.000	-4.6700	126.7300	10.00	5.8	global
2006	7	26	21:28:41.940	35.7743	139.9835	47.03	1.8		2006	8	15	15:40:26.020	37.3168	137.2422	6.73	2.9	
2006	7	27	02:29:55.720	36.6757	139.4480	9.35	1.3		2006	8	15	23:53:47.200	-21.1900	-176.2500	158.00	6.1	global
2006	7	27	05:55:34.100	37.0597	141.4950	47.52	4.3		2006	8	16	20:42:45.230	38.5382	141.7158	53.19	3.6	
2006	7	27	08:01:04.830	35.6573	140.0422	69.28	2.2		2006	8	16	22:08:00.020	35.6352	139.6600	30.61	2.0	
2006	7	27	18:53:33.750	37.0647	139.4445	8.44	2.4		2006	8	17	00:39:55.400	35.4795	139.1447	16.13	2.4	
2006	7	27	29:16:40.400	1.7100	97.1500	20.00	6.3	global	2006	8	17	05:30:48.910	35.6397	141.0357	25.61	2.7	
2006	7	27	22:08:00.160	36.1028	140.3423	95.42	2.8		2006	8	17	07:48:21.890	35.1953	137.7067	9.49	3.2	
2006	7	27	23:43:03.960	37.7988	139.6287	2.69	2.2		2006	8	17	12:21:39.340	35.7690	140.6717	46.60	2.6	
2006	7	28	06:34:04.260	36.6077	139.4363	9.57	2.2		2006	8	17	12:45:20.210	38.8438	141.5857	74.65	4.3	
2006	7	29	01:04:44.900	36.8737	140.6767	94.58	3.2		2006	8	17	15:13:59.320	37.0553	141.4812	48.63	3.3	
2006	7	29	19:32:19.930	36.0245	137.5825	6.80	1.9		2006	8	17	17:11:33.807	36.4154	138.0417	6.41	1.9	local
2006	7	30	01:21:03.798	36.7345	138.8195	4.05	1.4	local	2006	8	17	19:26:32.000	35.6872	140.7258	46.54	2.1	
2006	7	30	02:19:22.980	36.1788	140.1112	51.76	3.9		2006	8	17	20:11:35.500	55.6200	161.6900	55.00	5.7	global
2006	7	30	03:38:43.660	35.2788	141.2443	37.46	3.0		2006	8	17	22:20:35.500	46.5400	141.9000	16.80	5.6	global
2006	7	30	05:06:38.020	36.6945	141.0070	47.44	3.1		2006	8	18	03:23:51.900	36.1227	138.8142	139.72	2.4	
2006	7	30	05:10:21.200	36.9475	141.7557	52.84	3.0		2006	8	18	09:25:34.280	35.6983	140.0453	64.38	2.2	
2006	7	30	15:47:10.210	36.8723	138.4438	10.19	1.8		2006	8	18	09:27:22.400	36.2268	140.8862	46.58	3.5	
2006	7	31	03:37:36.374	36.7468	138.8187	1.34	1.9	local	2006	8	18	20:58:51.940	35.6220	140.0660	69.95	2.4	
2006	7	31	18:36:35.192	36.5291	138.0735	2.74	1.7	local	2006	8	19	04:34:21.450	35.9278	137.6665	9.94	2.7	
2006	7	31	19:42:28.360	37.0605	141.1907	49.23	3.6		2006	8	19	05:29:16.440	37.1770	138.8123	7.28	1.7	
2006	7	31	22:53:31.940	35.6835	140.1172	64.88	2.0		2006	8	19	12:18:14.640	32.8668	142.2465	11.00	3.6	
2006	7	31	23:20:38.540	36.0628	139.9175	46.68	3.4		2006	8	19	12:35:23.010	37.2575	138.8523	8.73	2.1	
2006	8	1	01:15:26.640	34.9235	139.3188	13.83	2.5		2006	8	19	20:43:26.780	35.6813	140.7333	47.82	3.4	
2006	8	1	03:36:12.400	51.7700	159.3800	9.40	5.0	global	2006	8	19	22:30:11.450	35.6767	140.7363	47.95	2.2	
2006	8	1	03:51:40.250	35.9060	140.0673	65.40	2.4		2006	8	19	22:30:15.360	29.2197	130.7760	10.00	1.8	
2006	8	1	20:02:49.120	36.1513	140.0818	49.83	2.5		2006	8	20	04:27:02.840	35.7983	137.8655	16.90	1.8	
2006	8	1	20:17:27.240	36.7892	141.6347	56.88	3.2		2006	8	20	04:58:28.030	35.5963	140.9897	40.65	2.7	
2006	8	1	22:11:42.710	36.3735	140.8910	48.27	4.3		2006	8	20	05:32:51.700	33.7680	141.6632	30.00	3.3	
2006	8	2	06:25:07.980	36.2207	137.2892	272.12	3.2		2006	8	20	10:58:16.040	39.8212	143.6845	32.00	5.0	
2006	8	2	21:12:34.330	36.6688	139.4955	7.13	2.1		2006	8	20	11:20:27.334	36.3125	139.1482	19.11	1.6	local
2006	8	2	23:02:16.081	36.7356	138.8303	4.02	1.4	local	2006	8	20	12:01:02.400	49.8200	156.4100	26.00	6.0	global
2006	8	2	23:45:04.600	-11.7000	116.8500	15.00	5.9	global	2006	8	20	14:22:15.900	35.9633	139.8168	105.41	2.1	
2006	8	3	01:42:53.777	36.6686	138.2139	10.90	1.0	local	2006	8	20	14:24:35.650	36.0452	139.3085	27.65	2.1	
2006	8	3	02:31:08.220	37.7043	137.3927	14.23	2.9		2006	8	20	16:09:00.240	35.6795	140.7368	47.96	2.3	
2006	8	3	18:36:18.830	36.2473	137.6957	5.22	1.6		2006	8	20	16:35:37.320	37.1690	141.9375	40.32	3.2	
2006	8	4	03:57:43.150	36.0875	140.1335	63.51	2.0		2006	8	20	21:00:48.840	37.1797	138.8182	7.11	2.1	
2006	8	4	08:49:23.310	37.0590	142.1440	40.00	3.2		2006	8	20	22:05:05.350	35.8242	136.9478	11.41	2.4	
2006	8	4	15:06:26.910	35.6125	140.1087	65.64	2.3		2006	8	21	00:11:37.000	33.9720	137.1713	352.65	3.6	
2006	8	5	02:07:30.310	37.3192	137.2397	6.83	3.7		2006	8	21	02:09:27.740	35.6050	139.4908	20.62	2.1	
2006	8	5	02:15:15.220	37.3160	137.2367	6.50	2.4		2006	8	21	12:42:40.030	36.0643	137.5680	8.88	1.7	
2006	8	5	02:24:09.450	35.8490	137.5302	4.85	1.9		2006	8	21	19:55:48.350	36.0685	139.8677	47.97	2.4	
2006	8	5	02:50:36.670	35.7568	139.8888	79.57	1.7		2006	8	22	07:20:48.330	33.6923	135.9563	419.50	5.5	
2006	8	5	18:33:52.510	36.1492	140.0258	67.30	2.0		2006	8	22	09:31:19.410	37.7252	144.3243	56.00	3.9	
2006	8	5	20:16:42.400	36.3022	139.62												

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	8	25	23:42:19.840	35.3457	140.3318	63.10	1.5		2006	9	8	06:23:00.700	-21.1100	-179.0800	599.80	5.2	global
2006	8	26	12:15:09.110	37.1278	141.4363	47.13	3.0		2006	9	8	07:50:48.920	35.6818	140.1515	75.65	3.7	
2006	8	26	20:25:52.033	36.3778	137.9839	8.63	1.0	local	2006	9	8	19:03:42.030	35.9285	137.6658	10.22	1.8	
2006	8	26	21:51:24.010	34.7467	136.9525	13.89	3.1		2006	9	8	19:15:10.300	-5.5500	149.8000	149.20	5.2	global
2006	8	27	00:29:32.510	35.8827	139.8773	51.41	2.0		2006	9	8	19:27:17.260	35.9680	139.5603	44.16	1.7	
2006	8	27	06:04:10.230	40.7963	141.7992	101.75	4.1		2006	9	8	19:35:39.800	35.9290	137.6662	10.15	2.2	
2006	8	27	06:44:13.180	36.6795	141.2170	46.48	2.6		2006	9	8	22:29:40.450	37.5950	141.7353	36.73	3.4	
2006	8	27	07:15:58.490	35.5173	140.1107	64.72	1.9		2006	9	8	23:48:28.650	36.0562	137.5777	7.13	1.3	
2006	8	27	07:52:55.790	36.0068	139.4893	61.31	3.3		2006	9	9	00:41:14.678	36.5230	138.8978	4.75	1.7	local
2006	8	27	10:08:33.220	35.9915	140.1482	71.43	2.1		2006	9	9	02:40:36.350	35.2067	140.1958	24.09	4.0	
2006	8	27	12:10:16.380	35.8725	140.9068	31.07	2.8		2006	9	9	05:12:11.920	35.6265	139.7970	71.63	2.4	
2006	8	27	16:44:11.490	36.6350	139.4677	8.96	1.6		2006	9	9	07:16:28.080	35.6027	139.3848	24.25	1.8	
2006	8	27	17:29:41.300	36.3380	139.8012	93.59	2.0		2006	9	9	13:13:12.000	-7.2100	120.1100	571.70	6.3	global
2006	8	27	17:32:20.060	36.0172	140.1568	59.95	1.9		2006	9	9	19:36:03.680	38.2825	142.0358	66.82	4.9	
2006	8	27	17:33:32.610	36.0123	140.1470	60.96	2.0		2006	9	9	21:20:59.410	35.5922	140.4307	60.01	3.0	
2006	8	28	03:02:57.440	35.8938	141.5762	30.97	3.6		2006	9	9	22:42:00.280	36.0702	141.9253	71.00	2.6	
2006	8	28	03:20:43.920	35.8922	141.5667	34.01	4.1		2006	9	10	04:24:52.420	36.3177	140.0267	72.10	3.3	
2006	8	28	07:49:42.000	37.1828	138.8147	7.83	3.5		2006	9	10	06:50:07.510	35.5118	139.9430	24.96	2.2	
2006	8	28	12:36:09.350	37.1857	138.8135	8.46	2.1		2006	9	10	10:03:23.200	35.8285	140.9352	28.57	2.9	
2006	8	28	14:05:14.890	37.1888	138.8185	8.79	2.6		2006	9	10	10:06:18.110	35.8252	140.9300	28.91	3.0	
2006	8	28	16:45:04.690	36.0847	141.1792	44.47	4.4		2006	9	10	15:16:29.180	36.0343	139.9182	66.12	2.2	
2006	8	28	20:01:00.300	36.8388	140.9237	66.31	2.7		2006	9	10	15:48:39.340	36.4465	138.3208	176.21	2.3	
2006	8	28	21:37:02.520	35.9935	141.6270	60.15	2.7		2006	9	10	19:58:12.290	36.1690	141.2770	49.34	3.9	
2006	8	29	05:29:02.248	36.4158	139.1281	4.10	1.6	local	2006	9	10	20:16:33.910	36.5200	138.8520	147.70	2.1	
2006	8	29	08:00:01.277	36.4181	138.0394	5.19	2.0	local	2006	9	10	21:42:36.780	35.8552	140.5147	49.67	1.9	
2006	8	29	16:01:26.820	36.0298	139.9685	46.27	2.6		2006	9	10	21:51:33.800	36.2478	137.7043	4.80	1.5	
2006	8	29	17:17:17.370	36.0812	141.2090	45.46	2.8		2006	9	10	23:25:51.010	35.5730	139.2423	113.73	2.0	
2006	8	29	18:14:56.900	36.0055	137.5252	8.57	2.0		2006	9	11	01:09:58.090	36.5555	138.5123	158.87	1.7	
2006	8	29	19:53:06.200	-0.3500	125.1200	36.00	5.8	global	2006	9	11	06:36:32.450	37.8468	142.3467	37.20	3.5	
2006	8	30	00:36:00.610	36.6252	139.5050	4.97	1.6		2006	9	11	06:41:14.450	39.1902	143.4390	35.00	3.7	
2006	8	30	04:12:01.030	36.3410	139.9120	69.58	2.7		2006	9	11	10:30:44.920	36.5966	138.3205	4.01	1.3	local
2006	8	30	04:23:32.730	36.6023	138.3111	3.77	1.1	local	2006	9	12	02:50:46.380	36.2560	140.4775	52.90	2.9	
2006	8	30	08:37:58.120	34.1285	141.7123	36.46	4.1		2006	9	12	03:12:22.300	35.4700	78.2200	14.90	5.5	global
2006	8	30	13:15:25.270	35.9335	139.5275	42.21	2.0		2006	9	12	14:08:26.710	35.7987	140.1727	57.21	1.9	
2006	8	30	14:10:46.650	34.6662	139.8188	89.53	2.8		2006	9	12	19:31:27.560	36.2542	140.4762	53.17	2.0	
2006	8	31	00:44:43.080	34.9878	137.9472	36.81	3.0		2006	9	12	06:56:55.950	36.4347	138.0192	5.24	1.1	local
2006	8	31	03:38:09.460	43.7082	145.5585	105.32	4.9		2006	9	13	04:31:22.610	36.5843	141.1935	47.97	3.9	
2006	8	31	15:16:20.398	36.7191	137.9122	6.78	1.7	local	2006	9	13	05:25:28.320	36.5802	141.1998	45.37	3.3	
2006	8	31	17:08:27.300	-0.2700	125.0600	35.00	5.8	global	2006	9	13	22:59:42.320	34.6912	140.0392	77.70	3.1	
2006	8	31	17:18:18.690	35.6322	140.0248	75.61	4.8		2006	9	14	00:06:49.850	36.0112	141.3523	42.77	4.1	
2006	8	31	21:15:39.620	35.5097	138.8808	165.94	2.5		2006	9	14	03:52:54.250	36.2253	139.7870	56.47	2.3	
2006	9	1	03:08:34.436	36.6531	138.2923	4.01	1.4	local	2006	9	14	07:30:53.180	35.8925	140.5358	43.14	2.8	
2006	9	1	16:08:19.600	34.8110	137.2792	34.82	2.9		2006	9	14	21:22:19.673	36.1054	138.9044	12.01	1.5	local
2006	9	1	19:18:51.600	-6.7600	155.5100	38.00	6.7	global	2006	9	14	22:38:40.950	37.2690	138.9587	6.52	2.1	
2006	9	1	21:17:08.340	34.3627	141.4183	44.59	4.6		2006	9	15	06:56:07.370	36.0058	139.6230	42.21	2.8	
2006	9	2	03:48:29.750	28.7010	130.1960	60.00	2.1		2006	9	15	15:28:58.410	33.7232	139.7832	129.08	3.3	
2006	9	2	10:48:00.530	37.5968	138.2600	26.44	2.8		2006	9	15	16:25:32.580	36.9608	142.0062	28.69	3.3	
2006	9	2	19:31:45.890	33.9062	139.9167	102.56	2.9		2006	9	15	17:56:33.939	36.4179	138.0474	7.95	1.2	local
2006	9	3	00:05:02.420	33.7807	137.0118	365.94	4.4		2006	9	15	20:34:25.380	35.5043	139.1065	19.93	2.2	
2006	9	3	01:03:10.390	32.9807	140.2960	123.19	3.2		2006	9	15	20:50:57.690	35.6470	140.0663	67.12	2.2	
2006	9	3	01:08:26.660	35.5055	140.1185	63.06	2.2		2006	9	15	21:20:27.560	36.2313	139.7772	57.22	2.2	
2006	9	3	01:22:28.870	35.2202	140.2047	22.12	2.4		2006	9	16	00:05:27.040	35.8997	137.6315	7.96	2.2	
2006	9	3	04:00:17.860	35.1748	139.5903	136.74	2.9		2006	9	16	16:09:34.740	37.1560	138.8183	8.01	2.0	
2006	9	3	07:03:35.550	28.7128	130.1538	45.00	1.6		2006	9	16	18:52:44.910	33.9277	135.4748	49.59	1.0	
2006	9	3	11:16:37.570	35.9592	139.5543	44.05	2.4		2006	9	16	19:35:39.000	35.8568	137.5062	5.70	2.6	
2006	9	3	15:04:00.580	37.0327	141.7987	46.96	2.9		2006	9	16	22:48:10.320	36.9815	142.0413	42.00	3.2	
2006	9	3	15:45:43.637	36.1441	138.9130	10.00	1.1	local	2006	9	17	02:52:25.810	35.2037	135.8955	11.22	2.7	
2006	9	3	16:58:47.090	37.0403	141.7955	43.56	2.7		2006	9	17	03:58:22.660	36.3837	139.4487	7.10	2.3	
2006	9	3	17:08:45.360	36.3085	137.2465	271.65	4.2		2006	9	17	10:36:23.310	32.3155	138.5263	365.51	3.6	
2006	9	3	21:14:25.750	35.6225	140.0998	67.17	2.1		2006	9	17	12:01:54.850	34.9912	139.2835	153.09	2.9	
2006	9	3	01:20:36.800	0.1900	97.1800	49.00	5.4	global	2006	9	17	13:45:21.570	38.2775	144.8372	50.00	5.0	
2006	9	4	03:29:16.130	34.0887	141.9477	25.88	3.5		2006	9	17	16:20:53.150	36.5172	138.6593	149.50	1.9	
2006	9	4	07:36:43.010	37.0673	141.6742	44.93	2.9		2006	9	17	19:11:06.876	36.5793	137.8508	15.12	1.4	local
2006	9	4	07:57:30.700	-24.0500	178.8200	568.10	5.9	global	2006	9	17	23:29:18.900	35.2637	141.2258	28.90	2.8	
2006	9	4	08:47:56.710	35.8578	139.6792	84.47	1.9		2006	9	18	01:01:54.590	35.1868	138.2740	28.34	2.7	
2006	9	4	10:35:26.130	35.9698	139.5617	43.76	2.2		2006	9	18	02:46:51.140	36.0472	140.1047	62.67	3.1	
2006	9	4	12:41:46.920	36.3115	140.0293	71.98	2.5		2006	9	18	07:38:41.490	37.2095	138.8240	7.99	2.1	
2006	9	4	13:47:12.700	-4.3400	142.9900	100.70	5.3	global	2006	9	18	18:01:57.010	35.4577	140.0832	64.75	1.9	
2006	9	4	16:59:46.230	36.0912	140.0423	66.03	2.0		2006	9	1						

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	9	24	02:21:56.300	44.4138	141.4572	257.95	4.3		2006	10	13	01:16:59.054	36.4025	138.6334	2.14	1.5	local
2006	9	24	04:17:34.700	35.3328	136.8867	10.39	3.0		2006	10	13	01:21:59.607	36.2969	138.4126	1.92	1.2	local
2006	9	24	04:45:36.030	35.6330	140.1028	62.91	2.0		2006	10	13	02:08:20.400	39.8000	54.7300	42.80	5.3	global
2006	9	24	07:18:54.160	43.0177	145.8402	66.67	4.9		2006	10	13	05:57:18.710	33.3760	138.4378	315.85	4.1	
2006	9	24	18:42:55.590	34.2773	139.1162	10.35	3.1		2006	10	13	09:28:52.800	36.3827	140.5898	61.66	2.7	
2006	9	25	17:03:14.870	36.2647	139.5787	133.98	2.8		2006	10	13	10:18:46.300	37.3140	143.0260	59.00	5.0	
2006	9	25	19:28:49.726	36.5684	138.3489	3.77	1.4	local	2006	10	13	10:35:32.820	34.0060	140.2835	78.43	3.6	
2006	9	25	22:20:44.300	34.6873	138.5792	21.32	2.1		2006	10	13	13:06:49.850	37.3448	139.0018	0.00	1.8	
2006	9	26	02:16:12.035	36.5216	138.9123	4.08	1.2	local	2006	10	13	20:18:13.880	36.2847	141.6823	70.77	2.9	
2006	9	26	07:03:48.340	33.5062	131.8847	70.14	5.3		2006	10	14	03:12:02.580	35.5578	139.5360	42.07	2.0	
2006	9	26	07:04:50.143	36.4024	138.5380	10.00	9.9	local	2006	10	14	06:38:01.680	34.8948	140.3048	64.42	5.1	
2006	9	26	13:18:03.370	37.2260	138.8287	9.55	2.8		2006	10	14	12:45:07.940	37.2875	138.8840	13.81	1.9	
2006	9	26	14:24:29.350	38.2345	144.6667	56.00	4.7		2006	10	14	13:47:58.950	35.7343	138.1690	12.58	2.3	
2006	9	26	22:20:51.337	36.3300	137.9962	5.57	1.3	local	2006	10	14	16:34:31.600	37.4997	141.2843	78.99	3.4	
2006	9	27	09:18:11.260	37.7933	142.1535	32.22	3.7		2006	10	14	16:40:24.140	36.7893	139.5053	5.47	1.8	
2006	9	27	10:41:06.245	36.2733	138.5873	10.03	9.9	local	2006	10	14	19:21:06.180	36.7893	139.5042	5.58	1.4	
2006	9	27	14:06:15.850	35.9837	140.0660	63.86	2.9		2006	10	14	20:43:42.480	36.8868	141.6677	51.06	3.8	
2006	9	28	02:03:44.510	35.2125	139.0227	6.05	2.0		2006	10	14	21:50:02.600	35.9652	139.5648	58.97	2.8	
2006	9	28	06:28:28.410	35.2115	139.0263	5.49	2.2		2006	10	14	22:05:17.220	35.6875	140.0653	62.84	1.5	
2006	9	28	08:44:30.470	35.8212	140.2030	58.37	2.0		2006	10	15	04:56:31.220	35.6342	140.0195	69.00	1.8	
2006	9	28	19:27:05.540	35.8785	140.1347	48.73	2.8		2006	10	15	06:04:39.190	35.7457	140.1885	62.18	1.6	
2006	9	28	20:54:51.690	34.4863	140.2762	48.00	2.4		2006	10	15	09:24:35.190	34.8457	140.3545	66.61	2.4	
2006	9	29	03:19:11.057	36.3884	137.9880	7.25	1.2	local	2006	10	15	12:23:05.770	36.3912	141.6895	83.12	3.1	
2006	9	29	10:41:55.010	34.7197	140.6377	55.99	3.0		2006	10	15	13:41:09.920	35.6868	136.2843	11.25	3.1	
2006	9	29	11:26:09.300	37.8653	140.5888	123.99	3.7		2006	10	15	19:05:46.200	36.1100	139.4170	90.76	1.9	
2006	9	29	23:55:56.770	36.7192	138.9435	144.16	1.6		2006	10	15	19:37:44.270	34.0870	140.2067	42.02	3.3	
2006	9	30	05:49:59.020	36.0382	139.7072	50.47	2.2		2006	10	15	19:58:36.740	35.9880	140.0812	62.64	3.5	
2006	9	30	17:25:58.090	32.3065	137.5122	421.95	4.0		2006	10	15	20:35:01.110	37.6800	137.3923	14.25	3.3	
2006	9	30	21:35:42.230	37.2342	138.9323	9.58	2.6		2006	10	16	02:07:49.200	19.8800	-155.9300	38.90	6.7	global
2006	10	1	00:27:17.600	2.8500	128.6300	216.60	5.1	global	2006	10	16	17:43:02.080	36.5852	139.4457	8.02	1.8	
2006	10	1	01:26:56.100	-15.5900	-73.1600	106.60	5.9	global	2006	10	16	23:16:51.870	34.2957	140.3282	74.15	2.3	
2006	10	1	02:50:23.000	46.3500	153.1700	11.00	6.6	global	2006	10	17	05:54:20.360	35.6988	140.0855	63.76	2.0	
2006	10	1	03:33:38.000	46.3300	153.2600	10.00	5.5	global	2006	10	17	08:15:19.920	37.3153	143.0615	54.00	3.7	
2006	10	1	03:47:41.900	36.0095	139.9402	41.28	2.5		2006	10	17	09:56:43.670	37.0343	138.3890	18.32	1.9	
2006	10	1	05:12:21.790	36.0070	140.1572	60.86	1.7		2006	10	17	11:35:28.290	36.8688	140.5295	16.88	2.7	
2006	10	1	07:37:10.460	37.0213	138.9723	6.94	2.5		2006	10	17	21:52:44.610	35.4878	138.9538	22.87	1.6	
2006	10	1	15:19:30.320	37.2135	138.8233	8.24	2.4		2006	10	17	21:55:31.600	35.2215	140.1982	20.27	2.2	
2006	10	1	16:35:02.540	36.0475	139.9275	45.48	2.8		2006	10	18	04:19:08.410	37.5295	143.0162	44.00	5.0	
2006	10	1	18:06:02.300	46.4700	153.2400	19.00	6.5	global	2006	10	18	07:53:27.010	35.7027	139.9203	56.05	4.2	
2006	10	1	19:07:34.340	40.9908	141.5030	79.17	3.7		2006	10	19	05:25:42.116	36.4341	138.6141	-1.30	2.0	local
2006	10	1	20:52:00.520	37.0635	139.4097	7.21	2.3		2006	10	19	18:29:26.880	35.2692	136.8762	10.22	2.7	
2006	10	2	02:07:23.840	38.5495	142.8297	56.34	5.2		2006	10	20	01:26:39.130	36.6370	139.4165	7.89	2.0	
2006	10	2	03:16:54.720	36.5378	139.2465	10.58	1.5		2006	10	20	19:01:12.350	33.1675	139.4970	181.61	3.4	
2006	10	2	05:36:27.550	35.2137	139.0175	1.02	2.2		2006	10	20	20:43:07.160	35.9117	137.6717	9.30	2.0	
2006	10	2	11:29:03.680	35.8408	138.0280	8.31	2.1		2006	10	20	23:36:36.170	34.3937	139.2607	8.10	2.7	
2006	10	2	14:56:26.750	37.3045	138.9720	10.29	2.7		2006	10	21	00:30:52.770	33.6787	138.2330	51.43	3.0	
2006	10	2	17:11:41.180	35.5143	140.0778	65.15	1.7		2006	10	21	05:36:48.930	36.9855	138.4202	9.33	1.3	
2006	10	2	18:14:33.720	35.9122	140.1540	47.40	2.6		2006	10	21	21:05:08.160	37.2008	138.1850	26.98	3.2	
2006	10	3	05:15:03.320	35.9120	137.6737	9.14	1.6		2006	10	21	21:10:28.000	37.6717	139.3053	11.48	1.9	
2006	10	3	18:43:45.400	37.3023	138.9805	8.20	3.5		2006	10	21	22:23:01.595	36.6411	138.2041	4.22	0.4	local
2006	10	3	19:08:10.190	37.3060	138.9822	8.95	2.8		2006	10	22	00:12:56.730	35.9388	137.6260	10.45	1.5	
2006	10	3	20:33:30.080	36.6575	138.9573	140.18	2.2		2006	10	22	01:31:44.280	36.6352	139.4653	8.38	2.0	
2006	10	3	22:42:30.050	37.0022	135.6502	30.99	4.6		2006	10	22	03:41:16.661	36.5254	138.9127	4.06	1.3	local
2006	10	4	02:28:12.240	35.7693	139.4747	107.07	2.2		2006	10	22	04:35:26.870	37.1940	138.1910	26.06	1.6	
2006	10	4	03:01:34.552	36.0289	138.0657	4.01	1.6	local	2006	10	22	04:35:51.700	21.9500	143.0700	35.50	5.3	global
2006	10	4	03:03:14.600	-18.8700	169.0000	171.40	6.3	global	2006	10	22	05:36:33.830	36.3060	142.3567	60.00	2.9	
2006	10	4	09:37:48.290	38.1987	144.7585	53.00	4.9		2006	10	22	10:55:48.479	36.5888	138.2796	2.36	1.8	local
2006	10	4	16:58:06.890	35.3655	140.0055	97.82	2.2		2006	10	23	03:06:58.180	36.1018	137.4405	7.55	2.2	
2006	10	4	21:04:24.510	37.3967	138.3235	29.22	1.8		2006	10	23	05:15:38.050	36.6438	139.3277	9.63	1.7	
2006	10	4	21:20:16.290	37.6680	141.6178	76.69	3.1		2006	10	23	09:58:13.480	40.1578	142.4678	34.39	4.3	
2006	10	5	04:55:08.260	37.3590	138.9367	12.09	2.0		2006	10	23	18:22:03.310	36.6783	138.0089	9.44	1.3	local
2006	10	5	07:54:36.630	35.2530	139.7063	86.49	2.4		2006	10	23	18:28:53.090	37.7387	138.2650	24.35	2.5	
2006	10	5	22:43:41.680	35.6912	140.0663	69.11	3.6		2006	10	23	21:24:20.850	36.1913	140.0183	52.25	3.7	
2006	10	5	23:50:12.120	35.9383	137.6282	10.24	2.7		2006	10	24	03:04:26.400	36.2135	140.4447	96.49	2.9	
2006	10	6	01:26:36.970	36.5147	141.5503	49.36	2.9		2006	10	24	06:17:16.940	29.1742	140.3513	2.72	6.8	
2006	10	6	02:36:02.430	36.3070	140.0152	71.79	2.2		2006	10	24	11:04:58.670	35.9807	137.5502	10.12	1.8	
2006	10	6	09:16:19.210	35.6465	140.0925	65.76	2.5		2006	10	24	17:33:42.140	35.9210	137.6157	8.03	2.2	
2006	10	6	13:05:06.420	36.6387	139.4457	10.63	1.7		2006	10	24	22:42:37.360	36.0693	139.9133			

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	10	28	22:42:58.320	34.0687	141.8085	27.98	3.5		2006	11	13	06:27:42.400	48.2800	154.2500	36.00	5.9	global
2006	10	28	23:22:39.150	37.2143	138.8228	7.76	1.8		2006	11	13	08:09:34.010	35.3995	135.7978	11.29	3.1	
2006	10	29	02:25:04.250	37.6173	138.4297	25.04	2.5		2006	11	13	10:26:34.200	-26.0400	-63.2200	551.80	6.8	global
2006	10	29	05:35:12.620	35.9875	140.2332	41.32	2.4		2006	11	13	16:45:25.550	35.9872	140.2310	42.11	2.7	
2006	10	29	11:28:28.690	37.1530	138.4985	191.07	2.5		2006	11	13	17:37:41.770	35.0260	140.0123	67.54	2.8	
2006	10	29	17:31:45.120	29.2230	140.2842	34.00	5.5		2006	11	13	21:21:19.710	36.3083	140.0880	69.48	2.3	
2006	10	30	00:22:04.820	33.2965	140.2105	120.50	2.9		2006	11	13	22:49:58.280	35.6567	139.9155	46.34	3.3	
2006	10	30	00:32:18.010	35.9267	137.5957	8.39	1.5		2006	11	13	23:09:03.190	35.9877	140.2310	42.00	2.6	
2006	10	30	01:23:34.880	34.2475	136.7350	356.89	2.9		2006	11	14	01:12:29.000	-6.3800	151.2300	11.00	6.2	global
2006	10	30	02:00:06.360	36.9692	142.9435	43.00	3.3		2006	11	14	01:22:12.063	36.3354	138.6093	37.15	2.1	local
2006	10	30	02:13:30.580	35.0567	137.2390	39.29	2.6		2006	11	14	07:27:17.660	33.1247	137.1340	41.78	3.7	
2006	10	30	02:49:50.330	36.3532	140.9767	46.87	3.2		2006	11	14	12:07:26.200	36.6770	139.4885	6.74	2.7	
2006	10	30	05:35:18.230	36.0273	140.0712	62.44	2.9		2006	11	14	21:33:00.510	39.2172	142.2925	81.02	3.7	
2006	10	30	06:05:21.940	36.0122	140.3282	68.85	2.1		2006	11	14	23:21:02.100	-6.4200	127.9800	352.20	6.1	global
2006	10	30	11:31:08.330	34.6143	141.3533	46.36	3.9		2006	11	15	06:39:25.790	35.0897	141.3332	48.35	3.0	
2006	10	30	12:10:43.210	35.5985	139.3320	46.98	3.3		2006	11	15	11:46:47.810	37.1168	138.6878	9.65	3.0	
2006	10	31	00:19:42.320	35.6897	140.1097	66.49	2.3		2006	11	15	12:52:28.000	4.8900	127.3900	83.20	5.3	global
2006	10	31	00:43:24.610	35.6228	140.0535	63.58	1.9		2006	11	15	15:08:50.650	36.1020	139.8450	98.74	3.0	
2006	10	31	00:53:02.880	35.7345	139.3375	105.47	3.2		2006	11	15	17:39:08.870	36.5230	140.5657	57.72	3.9	
2006	10	31	02:39:31.390	35.9880	140.2323	41.94	2.0		2006	11	15	20:05:44.000	34.4027	136.2777	7.36	2.8	
2006	10	31	02:50:33.470	35.5492	141.0807	35.08	2.7		2006	11	15	20:14:17.800	46.5700	153.2900	38.90	8.3	global
2006	10	31	05:05:16.390	37.3238	138.8447	14.32	3.0		2006	11	15	20:40:55.100	46.4800	154.7300	10.00	6.7	global
2006	10	31	12:43:59.250	35.2433	138.3930	17.91	1.9		2006	11	15	20:59:51.750	35.7582	139.5115	114.01	2.3	
2006	10	31	13:34:28.480	36.1462	139.9993	67.83	2.4		2006	11	16	02:41:47.500	36.5380	137.6680	4.12	1.1	
2006	10	31	15:38:44.150	35.0680	138.7420	174.28	2.8		2006	11	16	03:10:02.190	34.8573	140.3355	66.45	2.9	
2006	10	31	23:21:17.920	36.6107	139.4213	8.91	1.7		2006	11	16	04:25:26.000	47.0100	154.9800	10.00	6.0	global
2006	11	1	00:09:34.750	36.2195	139.8778	77.00	2.7		2006	11	16	05:47:36.110	30.2382	140.3510	245.98	4.2	
2006	11	1	02:39:41.390	42.4342	143.1735	50.21	4.3		2006	11	16	06:22:21.500	47.2800	154.1500	12.00	5.9	global
2006	11	1	05:46:08.260	36.4378	139.3110	142.43	1.9		2006	11	16	14:58:44.690	37.1273	138.7020	11.43	1.6	
2006	11	1	15:45:07.760	36.6067	139.4198	9.05	1.8		2006	11	16	15:20:20.800	46.3600	154.4700	9.00	6.0	global
2006	11	1	17:16:32.660	34.3458	139.2263	9.02	2.8		2006	11	16	17:32:55.980	37.1187	138.7030	9.39	2.7	
2006	11	1	23:11:28.130	34.2277	139.1593	11.16	2.7		2006	11	16	21:05:50.520	34.2475	139.1492	11.24	2.6	
2006	11	1	23:19:41.530	38.0398	142.5880	26.76	1.6		2006	11	16	23:15:48.500	35.3763	140.4050	56.70	2.2	
2006	11	1	23:21:37.240	42.3303	143.1207	48.54	4.8		2006	11	17	00:54:35.650	36.5357	137.6683	0.95	2.2	
2006	11	2	00:31:48.590	36.5707	137.7185	3.62	1.3		2006	11	17	05:29:55.000	-52.0000	139.4700	10.00	6.1	global
2006	11	2	04:06:19.460	35.7767	137.5655	7.79	2.1		2006	11	17	08:17:32.550	30.1835	139.0142	447.66	5.4	
2006	11	2	04:10:56.830	35.6848	140.0800	65.01	2.0		2006	11	17	11:04:35.307	36.4352	138.0497	5.31	1.6	local
2006	11	2	09:20:13.920	36.1483	141.2850	47.19	3.1		2006	11	17	13:09:54.500	47.0300	155.4800	11.40	5.4	global
2006	11	2	12:55:36.850	35.2343	139.2635	156.30	3.0		2006	11	17	15:33:49.500	47.0200	155.5300	10.00	5.5	global
2006	11	2	16:03:41.736	36.5229	138.9152	5.36	1.6	local	2006	11	17	18:58:11.200	46.8100	155.0000	10.00	5.1	global
2006	11	3	01:07:25.800	36.7468	139.5075	5.49	1.9		2006	11	17	21:31:34.190	33.2222	137.6023	376.39	5.5	
2006	11	3	06:24:30.050	34.9597	135.4690	8.32	3.7		2006	11	18	00:35:26.080	36.5192	137.6843	2.43	1.1	
2006	11	3	07:43:12.420	35.5713	139.7798	63.77	1.3		2006	11	18	01:10:14.570	36.9355	141.0893	59.76	1.5	
2006	11	3	11:34:19.540	34.7968	137.3057	37.02	3.3		2006	11	18	01:23:46.280	38.2340	144.7972	50.00	4.1	
2006	11	3	16:26:04.780	36.3843	141.4438	49.85	2.7		2006	11	18	01:30:48.900	35.6550	140.1002	70.02	1.8	
2006	11	3	18:21:47.080	31.5103	141.8525	23.00	4.2		2006	11	18	03:03:12.000	28.5167	130.1535	29.85	6.0	
2006	11	4	05:15:41.700	36.9033	140.9212	63.47	2.9		2006	11	18	04:29:09.840	35.2305	139.0227	4.32	2.2	
2006	11	4	15:06:17.750	35.2332	137.4695	13.47	3.2		2006	11	18	04:32:29.630	35.2300	139.0150	2.01	2.1	
2006	11	4	23:47:49.640	34.9777	139.7793	52.78	2.1		2006	11	18	04:33:45.240	35.2307	139.0170	0.89	2.2	
2006	11	5	07:28:23.420	33.8263	141.6593	38.00	3.9		2006	11	18	04:35:56.250	35.2295	139.0288	6.68	2.5	
2006	11	5	18:07:18.357	36.2691	138.2967	10.90	1.4	local	2006	11	18	05:42:59.140	37.2027	138.8423	7.99	2.2	
2006	11	5	20:30:44.910	36.7575	137.8430	0.80	1.2		2006	11	18	05:54:13.890	36.5185	137.6833	0.61	1.6	
2006	11	5	20:42:38.420	36.5938	138.6753	154.96	2.2		2006	11	18	09:14:28.560	36.2488	137.6985	5.03	2.8	
2006	11	5	21:26:56.150	35.7572	137.1092	10.55	2.7		2006	11	18	15:52:18.240	36.5555	137.7965	4.06	1.7	
2006	11	6	02:24:44.000	35.6630	140.0683	66.14	1.6		2006	11	18	22:05:29.820	35.5738	141.0478	38.97	2.5	
2006	11	6	08:12:56.410	33.3692	140.9092	39.00	4.1		2006	11	18	22:07:34.200	16.2900	-98.9000	35.00	4.9	global
2006	11	7	06:04:20.072	36.1233	138.7986	48.29	2.3	local	2006	11	19	01:35:14.690	36.6782	139.4938	7.22	1.6	
2006	11	7	07:45:45.030	36.6992	141.3305	48.79	2.9		2006	11	19	01:53:52.487	36.2966	139.1463	21.36	1.8	local
2006	11	7	15:00:53.970	37.2252	138.6023	14.91	2.3		2006	11	19	06:36:39.560	36.6765	139.4910	7.03	3.2	
2006	11	7	17:40:41.410	35.6672	140.0067	69.79	1.9		2006	11	19	07:08:25.200	35.9687	137.5493	7.79	2.0	
2006	11	7	18:08:39.813	36.4314	138.0484	4.01	2.1	local	2006	11	19	07:59:24.580	34.6832	140.1620	81.53	2.2	
2006	11	7	22:00:35.830	36.1257	139.8198	49.77	2.5		2006	11	19	08:59:20.150	36.2582	141.2675	62.47	4.1	
2006	11	7	23:21:46.590	35.5402	139.8708	58.37	1.8		2006	11	19	19:48:17.670	35.1278	141.8607	52.12	3.2	
2006	11	8	02:38:33.800	-6.4800	151.2000	10.00	6.6	global	2006	11	20	00:20:11.940	34.8100	130.2288	14.71	2.1	
2006	11	8	03:08:25.370	36.0603	139.8108	75.46	3.3		2006	11	20	08:33:05.550	35.3777	139.6398	64.38	2.4	
2006	11	8	05:32:17.310	35.9823	140.2367	42.59	2.1		2006	11	21	01:19:07.900	36.4197	138.0413	6.53	1.2	local
2006	11	8	10:30:04.138	36.6072	138.3414	4.24	1.2	local	2006	11	21	01:24:39.088	36.4198	138.0418	4.05	2.1	local
2006	11	8	15:24:23.100	35.9838	139.5033	94.64	2.0		2006	11	21	05:47:39.220	36.3612	140.9043			

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	11	25	13:21:49.440	35.9127	137.6743	9.45	2.2		2006	12	9	12:36:57.410	32.1665	140.7808	40.00	4.3	
2006	11	25	14:26:26.070	39.5842	143.6963	20.00	3.7		2006	12	9	23:05:29.700	35.8020	140.1175	65.82	2.9	
2006	11	25	22:46:51.170	35.7723	140.2440	52.08	2.0		2006	12	10	02:11:51.900	52.6200	160.5800	10.00	5.1	global
2006	11	25	23:07:06.370	39.6997	142.0832	44.22	3.9		2006	12	10	05:47:10.970	35.3978	140.4045	58.74	3.3	
2006	11	25	23:52:33.350	36.0278	138.6277	74.99	1.4		2006	12	10	06:01:12.015	36.4327	138.0486	4.00	1.6	local
2006	11	26	03:02:29.430	35.7593	140.2710	51.75	1.3		2006	12	10	15:59:38.960	35.7925	139.8628	97.88	2.9	
2006	11	26	04:09:39.190	35.7720	140.2562	54.20	1.6		2006	12	10	18:38:53.040	36.7587	139.4235	132.87	2.8	
2006	11	26	04:49:17.170	35.7550	138.2145	14.60	2.8		2006	12	10	23:48:50.930	36.0118	141.4033	39.77	3.6	
2006	11	26	18:12:11.660	35.8972	137.4485	240.90	2.6		2006	12	11	00:28:08.590	29.7258	130.6813	53.68	5.7	
2006	11	26	18:41:45.500	36.2072	140.9662	44.12	2.4		2006	12	11	04:58:40.987	36.7975	138.9828	37.16	2.0	local
2006	11	26	20:47:20.690	36.0020	138.9590	133.03	2.2		2006	12	11	05:46:13.570	36.9943	141.7738	47.46	2.8	
2006	11	27	09:53:22.720	35.8233	138.0572	9.21	2.1		2006	12	11	13:46:10.020	36.0185	140.0915	61.43	2.6	
2006	11	27	14:24:55.940	35.4040	140.4110	57.00	2.8		2006	12	12	05:50:04.800	37.0513	138.4973	16.80	1.9	
2006	11	27	16:34:33.500	36.0955	140.0440	65.48	2.3		2006	12	12	09:31:17.530	36.3912	140.5257	87.69	2.8	
2006	11	27	21:39:39.050	35.6815	140.0868	67.49	2.6		2006	12	12	16:25:10.070	35.8883	140.8043	39.04	3.3	
2006	11	28	01:21:14.920	37.3687	138.9528	13.77	2.8		2006	12	12	20:53:00.860	36.1753	137.3478	251.63	2.8	
2006	11	28	04:26:02.780	37.7670	133.7483	449.90	5.3		2006	12	12	21:47:34.270	36.4235	141.6745	67.71	3.0	
2006	11	28	10:34:03.260	36.0912	139.2318	114.28	2.5		2006	12	12	23:19:56.650	36.3293	140.9135	44.82	3.0	
2006	11	28	10:47:19.970	37.3433	138.8357	15.20	2.4		2006	12	13	00:48:03.300	3.7300	124.6800	213.50	6.3	global
2006	11	28	17:05:28.366	36.3916	138.4220	-18.60	1.8	local	2006	12	13	01:39:56.590	36.5593	141.2403	45.02	2.7	
2006	11	28	19:04:03.780	33.3340	141.8988	88.88	4.4		2006	12	13	07:59:44.360	36.6980	139.4668	5.63	1.6	
2006	11	29	04:08:18.270	35.7983	136.1348	9.62	2.7		2006	12	13	08:21:06.710	38.4180	139.2440	17.55	3.5	
2006	11	29	10:32:17.900	2.5200	128.2800	39.00	6.2	global	2006	12	13	15:08:39.850	36.1375	135.5502	352.86	4.0	
2006	11	29	13:12:09.220	35.9983	141.4262	32.75	3.3		2006	12	13	19:18:08.650	35.5912	140.2883	68.72	1.8	
2006	11	29	15:37:44.838	36.2687	138.5339	2.28	0.9	local	2006	12	13	22:46:45.792	36.6063	138.3129	3.77	1.9	local
2006	11	29	16:44:53.560	35.8953	138.5232	9.69	1.9		2006	12	14	00:31:16.260	35.4777	139.6958	23.80	2.9	
2006	11	29	20:13:10.910	34.9308	138.2283	27.85	2.3		2006	12	14	13:11:56.480	33.1262	141.1057	48.00	4.0	
2006	11	30	02:42:59.010	35.3120	141.2193	33.44	3.4		2006	12	14	17:12:38.710	36.1972	139.0758	129.69	2.6	
2006	11	30	06:11:00.360	37.2080	138.8618	8.63	2.0		2006	12	14	19:13:47.500	36.0255	140.0902	63.75	3.8	
2006	11	30	11:59:14.760	37.4320	139.7007	4.14	4.3		2006	12	14	19:50:00.035	36.5018	138.3405	35.56	1.9	local
2006	11	30	12:01:57.330	37.4328	139.7092	4.34	2.9		2006	12	14	21:55:45.170	35.0752	137.2012	41.39	3.8	
2006	11	30	12:17:59.460	37.4325	139.6940	3.79	2.0		2006	12	15	00:34:36.170	36.5885	138.6312	14.03	1.1	local
2006	11	30	13:39:33.160	37.4350	139.7018	4.20	2.0		2006	12	15	01:55:41.510	36.8828	141.7993	48.08	2.8	
2006	11	30	13:43:18.520	37.4313	139.6995	4.51	2.4		2006	12	15	23:43:40.610	34.8825	137.3018	38.61	3.2	
2006	11	30	15:03:35.200	37.4347	139.7005	4.82	2.8		2006	12	16	03:34:07.010	25.1590	128.6088	54.00	2.9	
2006	11	30	20:02:02.880	37.2040	138.8055	7.39	2.3		2006	12	16	05:34:26.100	35.6845	140.1242	66.99	2.4	
2006	11	30	22:48:13.010	30.4582	138.9668	473.10	4.1		2006	12	16	12:59:27.180	36.6500	141.2792	44.75	3.4	
2006	12	1	04:25:37.110	37.4298	139.7137	4.49	2.5		2006	12	16	19:00:10.970	35.1558	138.4245	20.65	4.0	
2006	12	1	05:32:50.260	37.4302	139.7042	4.56	2.1		2006	12	16	20:34:29.970	36.3090	141.6702	59.04	4.1	
2006	12	1	10:31:36.000	-29.7500	-112.2500	10.00	5.1	global	2006	12	16	21:20:58.020	34.9070	140.2933	66.85	2.8	
2006	12	1	12:05:01.420	35.3392	137.4085	51.80	2.5		2006	12	17	02:23:01.760	36.0030	137.5232	8.58	1.9	
2006	12	1	12:58:21.800	3.4000	99.0900	205.50	6.3	global	2006	12	17	06:41:11.743	36.8305	138.6850	4.03	1.3	local
2006	12	1	17:25:41.380	34.3917	139.8672	82.95	2.5		2006	12	17	07:48:13.843	36.8244	138.6858	4.74	1.5	local
2006	12	1	20:33:13.400	37.4315	139.7142	4.37	2.6		2006	12	17	08:22:43.050	35.4167	135.7668	8.49	3.2	
2006	12	1	23:01:47.500	-8.2500	118.7800	43.20	6.3	global	2006	12	17	23:45:29.220	34.7907	137.0865	10.42	3.0	
2006	12	2	04:00:11.600	35.2422	141.3457	38.72	2.6		2006	12	18	00:05:04.880	36.6693	139.5207	111.87	2.1	
2006	12	2	06:32:19.289	36.5216	138.7332	4.06	1.6	local	2006	12	18	00:17:28.190	34.7907	137.0867	10.53	3.0	
2006	12	2	08:15:32.650	34.5692	140.3408	71.63	2.8		2006	12	18	00:53:36.140	37.3620	138.8692	9.11	2.0	
2006	12	2	09:30:35.880	36.4585	142.5620	59.00	3.8		2006	12	18	00:59:14.010	36.1867	140.0213	52.38	2.5	
2006	12	2	09:49:16.840	36.4468	142.6485	56.00	4.3		2006	12	18	06:10:21.900	4.8200	95.0200	36.00	5.8	global
2006	12	2	14:46:30.800	36.7212	139.0442	140.75	2.2		2006	12	18	07:33:40.080	35.9905	139.0552	128.24	1.7	
2006	12	2	17:25:12.750	36.6245	139.4898	8.64	1.8		2006	12	18	11:59:36.170	37.2593	138.9325	10.64	2.0	
2006	12	3	07:20:49.100	24.3200	125.2100	35.00	4.9	global	2006	12	18	16:27:50.580	36.7713	141.3168	48.71	4.3	
2006	12	3	09:06:12.350	35.0315	140.0137	67.15	2.4		2006	12	19	01:27:42.190	38.8882	141.6615	65.76	3.6	
2006	12	3	11:36:32.740	35.4590	138.9882	23.31	2.4		2006	12	19	04:53:23.080	35.9487	141.4118	37.54	3.4	
2006	12	3	11:54:23.620	35.9147	138.7723	12.09	2.7		2006	12	19	18:33:03.490	35.2623	137.2595	14.94	4.4	
2006	12	3	13:52:31.900	52.4900	160.3600	25.60	5.1	global	2006	12	19	18:45:04.140	36.2972	137.0368	275.96	3.9	
2006	12	3	17:30:07.550	35.6353	140.0467	67.05	1.9		2006	12	19	19:26:53.630	34.3677	140.2087	52.23	2.6	
2006	12	3	18:12:38.350	37.0688	141.1932	50.77	4.0		2006	12	19	19:45:09.980	35.6965	140.0875	63.51	1.8	
2006	12	4	04:22:47.530	37.3552	138.3262	19.52	1.7		2006	12	19	21:56:04.200	37.3027	142.1185	32.00	3.7	
2006	12	4	06:08:35.240	35.7440	140.6540	49.24	4.5		2006	12	21	07:57:41.360	35.4540	138.8675	13.84	2.9	
2006	12	4	12:38:43.910	35.6848	140.1288	67.71	3.3		2006	12	21	10:51:48.940	35.7523	138.1160	21.35	3.9	
2006	12	4	12:58:39.460	35.2612	139.0450	171.99	2.9		2006	12	21	18:22:52.070	35.6013	140.1295	64.69	2.1	
2006	12	4	13:40:26.880	35.6853	140.1302	67.63	2.4		2006	12	21	21:10:07.550	36.4195	141.0995	61.92	3.6	
2006	12	4	16:01:59.748	36.6073	138.3312	3.81	1.3	local	2006	12	21	22:41:21.340	35.3277	139.9657	77.71	1.8	
2006	12	4	17:51:56.350	35.3240	140.1793	27.97	2.5		2006	12	22	00:49:03.100	35.2805	138.2853	18.82	1.9	
2006	12	4	20:41:57.970	36.3110	140.0148	72.63	2.5		2006	12	22	00:50:27.260	33.7215	140.5988	55.96	3.7	
2006	12	5	01:17:24.655	36.2353	138.9402	14.40	1.0	local	2006	12	22						

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2006	12	27	02:42:10.050	34.2435	139.2163	12.24	3.0		2007	1	13	18:35:26.330	35.6247	140.0933	70.04	2.5	
2006	12	27	03:34:19.550	34.2440	139.2143	12.11	3.0		2007	1	13	18:40:13.360	34.6048	139.8712	31.51	1.3	
2006	12	27	19:20:43.351	36.4169	138.0487	8.77	1.2	local	2007	1	13	18:44:51.350	35.9340	139.8060	78.54	3.0	
2006	12	28	05:15:40.800	-5.7500	154.4200	375.40	6.0	global	2007	1	13	19:57:22.620	38.2793	140.6975	134.13	3.3	
2006	12	28	09:24:58.010	38.7867	141.6255	71.14	4.4		2007	1	14	01:36:44.580	36.0128	139.9288	43.49	2.8	
2006	12	29	09:07:02.570	35.4772	139.1475	20.09	2.2		2007	1	13	04:37:32.700	47.0500	155.5300	10.00	5.4	global
2006	12	29	21:15:47.820	35.0740	136.7883	15.67	2.9		2007	1	14	08:40:11.500	46.7000	156.5800	10.00	5.2	global
2006	12	30	06:26:20.390	36.6075	139.4205	8.90	2.0		2007	1	14	18:53:13.750	35.3165	139.5453	133.56	2.7	
2006	12	30	19:29:46.120	36.8448	138.6658	8.34	1.2		2007	1	15	00:08:38.750	36.5170	137.3830	261.32	3.0	
2006	12	31	02:49:31.290	34.2507	139.2178	11.47	4.7		2007	1	15	00:26:02.310	35.3598	136.9398	311.90	2.8	
2006	12	31	03:42:09.200	34.2275	139.2580	14.01	4.3		2007	1	15	06:48:31.080	37.2688	138.9172	13.34	2.0	
2006	12	31	06:31:29.470	34.2592	139.2340	11.39	3.3		2007	1	15	08:23:46.750	36.9442	141.5952	51.62	3.0	
2006	12	31	07:34:40.930	43.2605	146.2593	45.96	5.0		2007	1	15	09:37:01.030	36.4077	140.4888	95.78	2.6	
2006	12	31	07:49:49.570	34.8070	140.5717	41.46	4.1		2007	1	15	19:19:00.440	34.8845	138.2120	32.27	3.4	
2006	12	31	08:30:01.790	34.8147	140.5673	42.65	4.9		2007	1	16	03:17:57.750	34.9382	138.8930	174.52	5.8	
2006	12	31	09:49:40.572	36.5529	138.2629	13.86	1.6	local	2007	1	16	05:00:44.860	35.8213	137.4947	11.33	2.6	
2006	12	31	10:21:29.530	34.2275	139.2438	14.04	2.9		2007	1	16	05:52:57.290	35.5050	139.0175	22.24	2.5	
2006	12	31	13:14:08.200	36.6623	139.4817	7.51	1.8		2007	1	16	09:49:34.420	35.8210	137.5790	4.76	2.1	
2006	12	31	15:06:06.490	37.2387	138.0285	14.94	2.5		2007	1	16	16:55:31.830	36.9308	141.7632	45.51	3.2	
2006	1	1	04:18:04.270	34.2388	139.2802	13.05	2.9		2007	1	16	19:39:42.100	35.7553	140.9902	36.82	2.4	
2007	1	1	05:16:26.230	34.2357	139.2827	12.62	3.0		2007	1	16	21:52:36.950	41.1810	142.7142	30.17	5.0	
2007	1	1	05:43:58.380	34.7717	139.6278	107.04	1.9		2007	1	17	02:50:48.987	36.6023	138.3146	4.49	0.9	local
2007	1	1	09:43:45.810	35.6333	140.0123	70.61	2.2		2007	1	17	03:06:18.100	2.6100	126.2400	64.30	5.6	global
2007	1	1	13:51:21.480	34.9117	139.2887	14.87	2.6		2007	1	17	13:11:33.590	38.2742	142.5068	36.90	4.3	
2007	1	1	16:05:57.440	35.8902	140.8175	40.45	2.3		2007	1	17	13:36:57.280	35.8352	139.4643	53.60	3.1	
2007	1	1	19:59:33.300	36.4993	139.3850	6.68	1.5		2007	1	17	16:09:28.136	36.2582	138.5180	1.96	1.1	local
2007	1	1	22:00:50.370	37.1138	141.8978	45.44	3.5		2007	1	17	20:39:56.840	35.9197	137.6350	6.70	2.0	
2007	1	2	00:13:29.400	33.3005	140.9895	48.00	3.3		2007	1	17	23:15:14.620	36.2505	141.8707	58.00	2.9	
2007	1	2	07:02:13.580	36.1348	139.8363	50.14	2.1		2007	1	18	04:14:19.200	35.5553	139.9683	56.82	1.8	
2007	1	2	07:51:53.190	36.0033	137.2472	9.99	2.3		2007	1	18	07:31:46.460	35.8208	137.4935	11.12	1.7	
2007	1	2	08:47:20.110	36.4918	137.6430	2.51	1.3		2007	1	18	07:45:11.747	36.3237	138.4513	4.03	0.7	local
2007	1	2	12:13:11.480	27.4135	140.9625	331.00	5.5		2007	1	18	09:12:25.690	34.4912	140.1855	60.14	3.2	
2007	1	2	22:46:27.410	36.4165	140.0370	81.11	1.3		2007	1	19	00:25:49.710	35.8503	140.0160	51.77	2.7	
2007	1	2	22:46:34.220	37.1958	138.8397	9.07	3.3		2007	1	19	01:58:36.210	35.6407	140.1518	67.01	2.7	
2007	1	2	23:26:39.540	35.6917	139.8232	80.71	2.5		2007	1	19	03:02:12.700	37.3663	138.8650	13.07	1.5	
2007	1	3	09:21:37.490	34.7673	138.5338	23.74	2.8		2007	1	19	04:04:20.160	35.9378	137.6580	10.00	1.7	
2007	1	3	12:13:46.922	36.1844	138.2888	4.06	2.7	local	2007	1	19	11:44:23.400	-9.9900	109.6700	25.00	5.8	global
2007	1	3	12:19:48.060	37.6543	138.4267	22.55	2.3		2007	1	19	15:26:35.875	36.2631	138.5928	-0.71	1.0	local
2007	1	4	00:40:04.630	36.4307	140.6858	52.80	4.2		2007	1	19	17:44:57.794	36.8279	138.1972	5.92	1.5	local
2007	1	4	02:11:36.360	35.9582	139.5573	44.24	2.5		2007	1	19	23:43:11.160	36.9827	141.5392	47.91	3.8	
2007	1	4	08:31:22.100	-5.4400	101.4100	30.00	5.2	global	2007	1	20	05:29:03.040	37.2595	138.9220	13.56	2.0	
2007	1	4	08:47:48.880	35.2212	139.7508	98.67	4.0		2007	1	20	08:11:10.910	36.0337	140.0910	62.43	2.6	
2007	1	4	08:59:50.830	36.1581	139.0135	8.22	2.8	local	2007	1	20	16:31:55.390	35.7567	140.6365	46.36	2.3	
2007	1	4	09:17:55.300	37.4208	141.8222	39.91	3.3		2007	1	20	21:58:59.560	34.4827	140.2062	58.67	2.6	
2007	1	4	09:19:25.920	37.4227	141.8130	39.81	3.5		2007	1	20	22:00:39.830	35.3183	138.1123	38.62	2.9	
2007	1	4	17:13:31.368	36.1393	139.0359	11.79	2.3	local	2007	1	20	22:43:03.180	36.1047	139.4487	63.87	3.0	
2007	1	4	20:38:32.350	35.8403	138.1245	10.53	2.3		2007	1	21	06:08:42.000	35.8143	140.1588	57.40	1.6	
2007	1	4	21:34:56.110	36.1957	137.4087	258.67	3.1		2007	1	21	08:19:00.806	36.6888	137.8877	4.03	1.3	local
2007	1	4	23:22:35.580	36.9625	138.4977	9.07	1.8		2007	1	21	11:36:20.690	35.7670	139.7578	22.84	2.4	
2007	1	5	00:34:49.780	35.8015	140.0888	62.68	2.4		2007	1	21	20:27:45.100	1.0700	126.2800	22.00	7.5	global
2007	1	5	03:06:33.350	35.4062	137.3108	54.21	4.0		2007	1	21	20:55:39.300	35.2138	139.0100	0.00	2.3	
2007	1	5	06:13:09.230	37.1303	139.3102	7.26	3.0		2007	1	21	21:44:43.160	37.5475	140.6127	88.74	2.8	
2007	1	5	06:40:59.050	36.3883	139.9567	92.26	4.0		2007	1	21	21:57:49.880	34.7312	138.7635	6.78	2.8	
2007	1	5	16:28:51.210	37.1715	138.7628	6.74	2.2		2007	1	21	22:31:08.121	36.6510	138.2945	4.03	0.8	local
2007	1	5	23:01:49.900	37.0125	141.6983	48.64	3.1		2007	1	22	01:29:51.090	42.2390	142.8170	58.93	1.1	
2007	1	6	06:51:24.480	35.1992	139.7703	96.56	2.6		2007	1	22	02:02:17.550	35.8530	138.7122	4.82	1.0	
2007	1	6	06:59:04.700	35.6575	140.0422	66.16	3.2		2007	1	22	02:16:07.800	35.7337	136.3372	12.57	4.5	
2007	1	7	03:10:10.270	35.0643	137.5367	41.67	2.5		2007	1	22	02:32:55.500	1.0600	126.3500	23.00	6.2	global
2007	1	7	05:21:51.030	35.4775	140.9472	53.23	3.0		2007	1	22	15:44:12.510	35.4120	140.4327	55.60	2.2	
2007	1	7	05:55:05.100	0.0700	123.6700	122.80	5.1	global	2007	1	22	22:24:28.010	35.3200	137.1478	46.94	2.8	
2007	1	7	23:31:42.210	36.1107	139.6848	84.51	2.5		2007	1	23	00:34:57.090	36.0097	139.5797	57.38	2.2	
2007	1	8	07:49:36.190	35.7610	141.0045	33.45	2.5		2007	1	23	01:16:46.410	35.6268	140.1482	65.40	1.7	
2007	1	8	18:12:59.500	38.2753	141.6078	53.89	3.7		2007	1	23	02:57:29.000	36.0130	139.5837	57.57	2.1	
2007	1	8	18:59:35.890	37.2668	138.9198	13.34	4.8		2007	1	23	10:37:19.400	-6.8200	130.0300	112.70	5.7	global
2007	1	8	19:10:35.260	37.2647	138.9252	13.10	2.0		2007	1	23	16:10:06.180	33.0388	138.6120	322.06	3.8	
2007	1	8	19:22:14.500	37.2668	138.9227	12.61	2.3		2007	1	23	19:25:09.920	34.3408	138.5360	34.21	3.5	
2007	1	8	22:21:36.330	35.1140	139.9450	72.17	2.0		2007	1	23	29:34:49.500	46.1700	153.1500	10.00	5.4	global
2007	1	8	23:11:29.660	35.8300	140.2318	56.80	3.0		2007	1	23	23:11:15.183	36.6598	138.2297	8.47	0.9	local
2007	1	9	02:21:50.300	39.8000	70.3100	18.40	6.0	global	2007	1							

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitude	Comment	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitude	Comment
							e	t								e	t
2007	1	28	07:28:14.180	38.9890	139.5437	21.94	4.0		2007	2	13	07:10:59.890	37.3090	138.9748	9.47	2.2	
2007	1	28	08:07:39.170	35.4978	141.0695	31.00	2.4		2007	2	13	07:29:08.370	35.3850	136.9150	7.73	2.8	
2007	1	28	21:09:05.500	1.0100	126.3100	10.00	5.8	global	2007	2	13	08:57:09.530	36.3020	140.3062	71.99	3.3	
2007	1	29	01:47:59.070	34.1095	141.5547	22.42	3.9		2007	2	13	13:09:00.607	36.2880	138.0012	3.44	1.3	local
2007	1	29	02:17:44.750	36.7267	142.0447	30.00	3.1		2007	2	13	14:00:25.022	36.5247	138.9022	4.04	1.4	local
2007	1	29	04:53:49.750	37.2457	138.5622	0.00	1.8		2007	2	13	16:15:38.650	35.6368	139.6537	22.34	2.4	
2007	1	29	06:24:02.640	35.7828	140.0972	62.43	1.5		2007	2	13	18:53:48.739	36.2935	138.2881	7.82	1.3	local
2007	1	30	03:13:38.750	40.9848	145.6993	59.43	4.4		2007	2	13	21:48:48.075	36.2884	138.2779	8.43	1.2	local
2007	1	30	08:05:03.710	35.1422	138.4422	23.76	2.1		2007	2	14	04:22:14.600	-0.4400	124.1900	84.80	5.4	global
2007	1	30	09:56:38.240	35.9512	139.5855	42.38	1.9		2007	2	14	07:36:05.510	35.2893	139.1193	13.37	3.1	
2007	1	30	10:47:16.930	37.1152	138.7038	10.56	2.1		2007	2	14	12:50:00.330	32.0322	141.9455	1.00	4.4	
2007	1	30	10:49:51.030	37.1165	138.7032	10.87	3.3		2007	2	14	13:54:39.420	35.6753	140.1302	66.24	2.6	
2007	1	30	12:02:30.050	35.3980	139.4788	96.86	2.3		2007	2	14	14:48:09.760	29.6168	138.5577	520.00	4.4	
2007	1	30	16:05:43.670	39.2532	140.3805	135.67	4.2		2007	2	14	17:10:07.120	33.8093	142.3835	68.00	4.9	
2007	1	30	19:45:55.370	36.9872	140.6847	17.04	3.1		2007	2	15	04:22:44.810	35.9938	137.3163	8.54	2.7	
2007	1	30	20:37:35.370	37.1172	138.7068	10.33	2.3		2007	2	15	09:18:18.885	36.5210	138.9146	8.78	2.3	local
2007	1	30	20:58:08.230	35.9067	138.0533	10.08	1.8		2007	2	15	21:22:38.660	37.2630	138.9198	12.57	2.1	
2007	1	30	21:16:28.230	36.2463	137.7000	5.28	1.3		2007	2	15	23:22:29.580	36.1172	139.8245	45.69	1.8	
2007	1	30	23:35:09.180	34.7565	137.9398	8.47	2.9		2007	2	16	01:27:52.000	-41.7500	-88.7500	10.00	5.0	global
2007	1	31	00:34:47.360	34.0755	135.3315	6.85	1.2		2007	2	16	05:54:14.620	35.7248	138.7555	165.96	3.4	
2007	1	31	02:07:13.940	34.0852	141.5390	23.85	3.4		2007	2	16	10:14:00.780	35.6282	139.7300	61.38	2.2	
2007	1	31	02:55:59.140	36.1680	141.9742	65.00	3.5		2007	2	16	18:59:34.070	37.3273	138.9548	10.52	2.2	
2007	1	31	06:37:45.800	20.9900	144.7000	30.00	6.6	global	2007	2	17	09:02:56.630	41.7318	143.7227	40.06	6.2	
2007	1	31	12:15:52.300	-29.7800	-178.0000	34.00	6.5	global	2007	2	17	09:22:26.000	41.7042	143.7343	45.26	5.1	
2007	1	31	21:12:14.370	37.1223	138.7040	10.05	1.8		2007	2	17	12:26:04.690	35.2150	138.9875	2.79	2.1	
2007	1	31	21:20:07.800	37.1185	138.7083	10.23	1.9		2007	2	17	18:00:24.120	35.4618	139.1618	17.93	2.3	
2007	1	31	21:25:37.510	37.2070	137.9785	10.26	2.4		2007	2	17	18:50:05.579	36.6771	138.2241	8.32	1.2	local
2007	1	31	22:27:21.540	36.3820	140.5630	54.46	2.9		2007	2	17	19:30:25.546	36.6915	138.5020	4.10	1.3	
2007	2	1	01:08:28.270	38.0373	139.5260	15.35	2.5		2007	2	18	00:51:53.300	37.2618	138.9537	9.58	2.4	
2007	2	1	04:23:05.740	34.0803	140.7925	50.65	3.1		2007	2	18	00:55:42.860	35.8468	137.6055	6.65	1.6	
2007	2	1	05:31:34.800	-7.8200	107.1900	51.70	5.5	global	2007	2	18	01:08:18.170	34.2725	139.2380	11.28	2.4	
2007	2	1	15:31:22.320	36.1138	139.5325	66.15	2.1		2007	2	18	02:07:52.100	35.8923	140.5715	96.38	2.2	
2007	2	1	15:40:24.350	37.2757	140.9928	86.67	3.8		2007	2	18	02:12:45.490	36.6318	139.4613	9.06	1.4	
2007	2	1	19:43:26.700	1.2200	126.3500	10.00	5.4	global	2007	2	18	07:17:36.630	35.9950	138.0902	10.05	1.4	
2007	2	2	14:06:44.892	36.5829	138.2412	4.98	2.6	local	2007	2	18	09:48:50.810	36.7942	136.4107	14.38	3.4	
2007	2	2	16:20:28.254	36.5778	138.2545	6.69	1.6	local	2007	2	18	13:07:56.880	35.1313	139.9503	74.20	1.8	
2007	2	3	00:00:03.050	37.6645	139.1418	8.57	1.9		2007	2	18	20:08:04.740	36.0442	137.5208	6.59	2.2	
2007	2	3	02:01:15.550	36.3155	139.5373	115.42	2.3		2007	2	18	23:07:13.650	34.9990	138.8290	49.82	3.3	
2007	2	3	06:36:24.220	36.3332	141.4547	63.69	2.8		2007	2	19	00:08:44.770	37.2143	138.8238	9.10	2.0	
2007	2	3	20:03:23.000	15.0700	146.8700	10.00	4.9	global	2007	2	19	04:02:57.161	36.7111	138.7400	4.03	2.0	local
2007	2	3	21:17:25.420	35.7572	138.2113	15.03	1.5		2007	2	19	04:56:03.230	33.9802	137.1903	365.41	3.6	
2007	2	3	21:48:13.540	33.6635	141.0972	42.00	3.3		2007	2	19	21:02:54.910	35.9402	137.5320	7.42	1.9	
2007	2	4	04:31:22.300	13.8700	145.2100	97.80	5.3	global	2007	2	20	02:40:51.730	36.3455	139.1953	4.06	1.3	
2007	2	4	06:59:41.180	35.8108	140.2090	59.90	2.0		2007	2	20	03:05:23.410	35.9778	137.5430	10.01	2.1	
2007	2	4	07:39:25.050	35.8132	140.2105	59.26	2.1		2007	2	20	17:04:25.100	-1.0300	126.9800	11.00	6.7	global
2007	2	4	12:31:18.170	35.4938	138.9402	24.65	2.5		2007	2	20	23:25:26.300	-1.0300	126.9700	11.00	6.0	global
2007	2	4	20:59:16.550	35.5902	140.1538	67.23	4.3		2007	2	21	02:41:05.090	36.0692	139.7877	44.85	2.2	
2007	2	5	00:35:44.760	35.7933	139.6002	128.12	2.5		2007	2	22	00:03:39.050	36.9298	141.3250	51.27	2.9	
2007	2	5	01:42:01.750	35.9787	137.5330	9.85	3.4		2007	2	22	09:11:37.180	37.6533	139.0795	10.45	2.5	
2007	2	5	04:30:52.010	36.7475	141.2545	45.62	3.0		2007	2	22	15:33:43.640	37.0385	141.9793	44.00	3.9	
2007	2	5	07:54:42.320	35.8213	137.5798	4.68	3.1		2007	2	22	19:29:56.880	35.8055	137.3693	8.17	1.8	
2007	2	5	08:27:07.480	35.7425	140.6267	46.49	2.5		2007	2	22	22:03:10.960	36.3595	139.5382	122.52	2.2	
2007	2	5	12:38:49.150	35.4980	138.2690	17.48	2.0		2007	2	23	02:08:06.780	34.0020	140.2203	82.30	2.7	
2007	2	5	14:41:34.240	34.7630	140.1068	61.54	2.7		2007	2	23	20:04:25.760	36.0370	140.0985	62.79	3.1	
2007	2	5	18:58:42.070	36.5198	140.5113	55.44	2.5		2007	2	23	22:55:13.130	36.3878	141.7258	73.24	3.0	
2007	2	5	19:09:21.480	35.9817	137.5383	9.58	1.7		2007	2	23	23:25:03.400	35.0207	138.1983	32.36	3.2	
2007	2	5	19:21:05.910	35.4673	139.0812	17.17	2.4		2007	2	24	08:26:28.950	35.6425	140.1713	62.22	1.9	
2007	2	5	23:42:40.430	36.6342	139.4782	8.86	1.7		2007	2	24	09:36:01.100	35.9732	137.5482	10.51	1.9	
2007	2	6	10:29:30.610	37.2142	138.8250	9.42	2.5		2007	2	24	19:08:07.250	37.0470	141.8898	45.18	2.8	
2007	2	6	12:27:28.258	36.7293	138.5849	4.20	1.5	local	2007	2	24	21:39:40.830	37.1092	141.6557	46.23	3.9	
2007	2	6	20:52:13.080	34.7508	137.9370	8.95	2.8		2007	2	25	01:14:39.948	36.3057	139.1617	16.60	1.9	local
2007	2	6	23:15:51.500	37.3275	142.1063	36.00	4.5		2007	2	25	02:34:13.810	35.9783	137.5300	9.63	1.7	
2007	2	7	07:57:22.650	34.4843	140.1965	60.93	2.7		2007	2	25	05:11:12.100	37.5270	138.7730	16.64	1.9	
2007	2	7	19:42:03.870	29.8283	139.4525	412.70	4.4		2007	2	25	05:38:50.480	38.2367	141.6947	50.83	3.4	
2007	2	8	04:14:07.110	42.7890	145.0208	47.95	1.5		2007	2	25	09:12:24.280	36.0082	137.5842	9.56	2.2	
2007	2	8	05:14:03.170	33.3092	140.8578	32.00	3.3		2007	2	25	11:36:55.480	36.4933	141.3263	45.60	3.8	
2007	2	9	12:31:26.440	35.8705	137.6072	10.11	1.9		2007	2	25	12:55:59.500	35.2505	139.4978	107.19	3.1	
2007	2	9	13:03:41.990	34.9420	138.8845	168.87	3.2		2007	2	25	12:58:38.389	36.6806	138.2125	8.96	2.9	local
2007	2	9	22:40:4														

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	3	2	07:11:41.410	38.8142	143.4067	18.64	3.7		2007	3	15	15:09:25.220	37.0042	141.7823	48.99	3.6	
2007	3	2	13:16:53.550	36.4168	140.9173	52.04	3.1		2007	3	15	18:48:08.440	36.2707	142.1078	72.00	2.9	
2007	3	2	14:13:43.470	35.6110	140.0710	68.16	2.9		2007	3	16	02:25:25.460	35.7255	138.2232	0.25	1.4	
2007	3	2	14:23:20.530	35.6317	140.0735	65.53	2.0		2007	3	16	19:24:35.060	34.8250	139.5022	26.75	2.5	
2007	3	2	20:21:42.310	35.1830	137.6342	45.44	1.6		2007	3	16	19:29:01.950	36.7123	139.3390	8.18	2.1	
2007	3	2	22:23:32.810	36.0415	139.8727	108.26	2.2		2007	3	16	19:36:56.620	33.2810	142.4093	80.00	3.3	
2007	3	3	03:43:06.170	36.7425	139.5575	7.31	2.2		2007	3	16	22:40:03.450	36.9402	138.5077	7.93	1.6	
2007	3	3	04:58:48.050	35.6622	140.0565	68.08	2.0		2007	3	17	10:05:28.810	35.8365	140.0157	65.10	2.1	
2007	3	3	05:14:04.500	41.2650	142.8208	17.87	4.8		2007	3	17	13:13:21.140	35.7692	137.5485	6.33	2.2	
2007	3	3	16:10:31.850	35.7422	140.6915	48.38	2.2		2007	3	17	14:01:21.302	36.3389	138.3864	8.81	1.3	local
2007	3	3	18:06:57.520	35.6813	140.7230	46.87	3.0		2007	3	17	14:15:33.160	35.9572	140.0630	94.96	2.1	
2007	3	3	18:26:13.610	35.6837	140.7323	47.84	4.0		2007	3	17	20:40:22.970	40.9773	142.0032	56.90	4.0	
2007	3	4	00:26:46.486	36.7402	138.2352	6.24	1.0	local	2007	3	17	21:27:21.420	36.0045	137.5262	8.64	1.9	
2007	3	4	02:21:49.800	46.8100	152.6300	34.30	5.4	global	2007	3	18	02:42:26.300	1.1300	126.2200	35.00	6.2	global
2007	3	4	04:41:33.560	35.0053	138.3373	26.87	1.7		2007	3	18	10:25:22.690	42.0558	144.1763	59.15	5.6	
2007	3	4	04:54:29.100	35.8620	137.5720	7.22	1.8		2007	3	19	07:31:21.610	35.7845	141.0722	36.70	2.6	
2007	3	4	05:08:28.800	0.0100	126.8100	38.50	5.9	global	2007	3	19	10:04:40.540	38.2188	144.6950	56.00	4.5	
2007	3	4	09:32:07.120	35.6212	139.8240	24.35	1.9		2007	3	19	22:10:08.740	36.7897	141.0178	48.85	3.2	
2007	3	4	12:00:00.511	36.6333	138.3507	4.01	1.1	local	2007	3	20	06:24:17.640	35.5988	139.4557	26.46	1.8	
2007	3	4	12:45:45.910	35.6682	140.0938	67.73	2.3		2007	3	20	16:26:13.760	36.3237	137.0787	5.40	2.6	
2007	3	4	14:16:23.510	35.4630	139.0032	23.38	3.5		2007	3	21	00:44:54.440	35.6542	140.1868	64.86	2.3	
2007	3	4	16:01:19.110	37.1563	138.6508	11.17	1.4		2007	3	21	01:00:56.400	-0.7500	127.5100	10.00	5.3	global
2007	3	5	03:07:52.130	36.4888	140.2535	103.28	2.9		2007	3	21	02:50:53.370	35.9878	139.5393	43.34	2.3	
2007	3	5	05:27:34.810	36.0363	137.5340	6.05	1.9		2007	3	21	05:17:17.037	36.5833	138.2891	3.81	1.2	local
2007	3	6	10:59:05.940	35.5317	138.9425	21.13	2.1		2007	3	21	08:16:52.720	37.8785	139.5107	0.09	2.2	
2007	3	6	11:36:06.860	32.9763	139.5117	201.22	3.7		2007	3	21	22:42:08.220	35.4893	139.0227	22.69	1.9	
2007	3	7	01:23:30.660	35.8128	139.1837	14.95	2.0		2007	3	21	23:12:25.820	36.6523	140.9590	48.93	3.3	
2007	3	7	02:39:25.270	36.9905	138.4545	11.97	1.3		2007	3	22	00:19:50.200	35.0020	139.8372	69.90	2.0	
2007	3	7	03:45:53.710	36.9933	138.4587	12.47	1.6		2007	3	22	03:52:25.720	35.4150	138.8408	169.97	2.5	
2007	3	7	03:45:55.810	31.6640	141.5208	0.00	3.7		2007	3	22	10:28:55.500	35.9585	139.8077	78.49	4.2	
2007	3	7	04:41:37.920	36.0022	137.3442	12.39	2.7		2007	3	22	19:17:15.290	36.6875	137.7493	0.00	1.3	
2007	3	7	09:37:35.540	36.9905	138.4508	10.74	2.5		2007	3	22	23:22:42.648	36.2908	139.1572	18.99	1.5	local
2007	3	7	13:11:05.880	35.4453	139.1493	11.59	2.6		2007	3	23	07:18:28.760	35.0348	140.0212	67.41	2.5	
2007	3	7	18:14:27.410	36.4400	139.2193	7.48	2.7		2007	3	23	16:20:51.100	33.3353	136.9688	41.07	3.5	
2007	3	7	18:37:44.050	34.6000	139.6298	125.29	2.8		2007	3	24	04:16:38.540	37.1125	139.4242	8.56	1.9	
2007	3	7	19:31:49.640	33.1775	140.0777	141.63	3.7		2007	3	24	07:14:39.470	35.5422	138.9268	24.65	2.0	
2007	3	7	18:53:37.600	1.9600	97.9100	35.00	5.9	global	2007	3	24	09:16:06.770	37.1308	139.3023	8.27	2.0	
2007	3	7	21:54:58.910	36.0018	137.3437	12.35	2.5		2007	3	24	16:33:54.540	35.6215	140.1372	67.63	2.9	
2007	3	8	00:16:17.870	34.0063	141.7965	33.03	3.3		2007	3	24	23:01:08.560	36.1565	138.7927	142.44	2.3	
2007	3	8	01:04:39.490	35.3110	139.5438	100.91	2.0		2007	3	25	00:50:42.030	35.7253	138.7920	14.17	3.3	
2007	3	8	01:29:29.524	36.2646	138.4553	7.12	0.9	local	2007	3	25	02:42:32.920	33.7402	137.2125	373.44	3.5	
2007	3	8	07:09:25.530	36.2478	137.7063	4.54	1.9		2007	3	25	04:13:50.600	-19.7200	-70.1400	30.00	5.5	global
2007	3	8	14:03:29.380	29.8692	140.8938	152.00	6.0		2007	3	25	05:55:44.740	35.6188	139.8283	24.05	2.7	
2007	3	8	20:45:08.970	35.7360	140.6440	47.25	2.7		2007	3	25	07:56:49.880	36.2447	140.4817	52.41	2.5	
2007	3	8	23:29:41.570	35.5642	141.0383	38.33	4.2		2007	3	25	09:41:57.910	37.2207	136.6860	10.70	6.9	
2007	3	9	00:45:29.442	36.5021	138.0664	32.66	1.6	local	2007	3	25	09:52:36.650	37.3138	136.7070	4.50	4.5	
2007	3	9	00:56:21.829	36.6769	138.2172	9.24	1.0	local	2007	3	25	09:54:52.050	37.2763	136.7008	6.77	4.5	
2007	3	9	04:23:16.400	36.2230	140.8730	46.43	2.9		2007	3	25	09:56:31.040	37.2290	136.7235	9.93	4.7	
2007	3	9	06:11:53.830	35.5825	139.4322	24.96	1.5		2007	3	25	10:06:17.400	37.2363	136.7305	10.10	3.7	
2007	3	9	07:28:50.960	33.1977	141.7343	94.00	3.0		2007	3	25	10:10:11.720	37.2540	136.6867	5.95	3.6	
2007	3	9	12:22:42.900	43.0145	134.2898	501.00	6.2		2007	3	25	10:11:27.000	37.2947	136.7518	7.97	4.5	
2007	3	9	17:32:02.980	36.4533	140.5952	55.82	3.1		2007	3	25	10:16:12.740	37.2300	136.6573	5.41	4.1	
2007	3	9	19:42:47.480	35.2278	136.6137	14.27	3.0		2007	3	25	10:36:02.230	37.1972	136.6995	11.20	4.1	
2007	3	9	20:03:35.890	29.8200	140.8123	166.00	4.1		2007	3	25	10:46:48.980	37.1785	136.5683	0.00	3.5	
2007	3	9	22:05:41.740	35.5743	141.0637	36.39	2.6		2007	3	25	10:55:10.190	37.2077	136.7063	9.80	3.3	
2007	3	10	00:47:06.980	37.1483	138.6453	9.40	4.0		2007	3	25	11:02:48.250	37.2073	136.7215	7.07	1.9	
2007	3	10	00:51:18.310	37.1473	138.6475	8.74	1.9		2007	3	25	11:04:33.860	37.2083	136.6742	4.94	3.2	
2007	3	10	01:03:19.990	37.1478	138.6470	10.36	2.2		2007	3	25	11:15:59.590	37.2030	136.7257	11.94	3.0	
2007	3	10	01:08:13.040	37.1468	138.6477	10.13	2.1		2007	3	25	11:19:01.570	37.2670	136.7007	6.84	4.2	
2007	3	10	01:50:07.270	34.8817	140.0522	70.19	2.4		2007	3	25	11:22:48.660	37.2438	136.6393	1.13	3.0	
2007	3	10	02:34:17.270	36.3153	138.4890	163.48	1.6		2007	3	25	11:25:08.430	37.1993	136.7040	12.02	3.3	
2007	3	10	02:48:45.962	36.0244	138.1934	14.62	1.7	local	2007	3	25	11:26:40.550	37.2452	136.6417	3.34	3.0	
2007	3	10	04:32:10.030	37.1480	138.6518	9.95	2.9		2007	3	25	11:30:51.190	37.2390	136.6457	4.06	3.2	
2007	3	10	04:43:05.510	37.1438	138.6500	9.82	1.8		2007	3	25	11:33:08.130	37.2418	136.6767	6.27	3.6	
2007	3	10	05:49:57.380	34.8173	140.0232	70.78	2.1		2007	3	25	11:38:15.100	37.2685	136.6650	7.69	3.9	
2007	3	10	06:32:46.730	37.1467	138.6417	8.10	2.3		2007	3	25	11:43:41.130	37.2165	136.6927	8.55	3.6	
2007	3	10	09:43:32.240	37.1625	138.6547	10.37	1.6		2007	3	25	11:49:42.260	37.2630	136.7037	6.97	3.7	
2007	3	10	11:18:03.930	37.1420	138.6435	10.54	1.9		2007	3	25	11:51:03.050	37.2267	136.7350	11.19	3.5	
2007	3	10	17:47:39.790	35.9965	139.2297	21.30	2.8		2007	3	25	11:58:07.070	37.2335	136.6178	2.78</		

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	3	25	15:48:39.770	37.2915	136.7790	8.31	3.4		2007	3	27	07:56:48.340	37.2443	136.6402	1.90	3.1	
2007	3	25	15:57:00.220	37.2288	136.7337	11.42	3.8		2007	3	27	09:42:53.860	37.2607	136.6877	6.24	3.5	
2007	3	25	16:00:40.730	37.2673	136.6875	6.29	3.4		2007	3	27	11:33:25.460	37.2267	136.6793	7.43	3.8	
2007	3	25	16:14:12.810	37.2723	136.7167	8.57	3.1		2007	3	27	12:28:04.470	37.2430	136.7492	10.63	3.8	
2007	3	25	16:36:24.180	37.2682	136.7035	7.82	3.3		2007	3	27	12:29:56.920	35.6315	140.0390	69.37	2.5	
2007	3	25	16:39:02.170	37.1587	136.6385	10.33	3.2		2007	3	27	12:40:39.490	37.2875	136.7618	9.10	3.4	
2007	3	25	16:53:22.860	37.2203	136.6657	7.72	3.7		2007	3	27	17:27:17.600	35.5012	138.2335	5.59	3.0	
2007	3	25	17:33:06.670	37.3133	136.7770	10.54	3.0		2007	3	27	19:47:08.510	35.9952	139.9495	99.85	2.0	
2007	3	25	17:39:10.940	37.2787	136.7420	7.41	3.0		2007	3	27	20:04:21.590	37.2197	136.6642	6.70	2.8	
2007	3	25	17:54:24.210	37.2437	136.7302	9.91	3.8		2007	3	27	20:11:42.220	37.2183	136.6840	10.12	3.3	
2007	3	25	18:11:45.160	37.3043	136.8395	13.45	5.3		2007	3	27	21:45:22.980	36.1887	140.0247	52.06	2.4	
2007	3	25	18:41:05.490	37.2270	136.6088	1.23	3.6		2007	3	27	22:12:36.860	37.0967	136.6192	0.00	2.7	
2007	3	25	19:02:33.860	37.1868	136.6477	10.69	3.5		2007	3	27	22:58:58.210	37.1818	136.5293	1.11	2.4	
2007	3	25	19:04:37.110	37.3222	136.8403	13.14	3.5		2007	3	27	23:04:14.640	37.1767	136.6183	8.11	3.5	
2007	3	25	19:07:26.020	37.2012	136.6545	9.46	3.1		2007	3	27	23:14:22.690	37.2905	136.7288	8.63	3.1	
2007	3	25	19:47:23.240	37.2347	136.7393	9.44	1.7		2007	3	28	00:57:11.330	37.2510	136.7215	9.89	4.0	
2007	3	25	19:53:00.400	37.1722	136.5560	7.13	3.0		2007	3	28	04:37:54.400	37.2165	136.6588	6.04	2.9	
2007	3	25	20:17:36.280	35.7258	138.7917	14.34	2.0		2007	3	28	04:44:59.900	37.2902	136.7572	8.30	3.1	
2007	3	25	20:52:15.030	37.2377	136.7490	10.80	3.1		2007	3	28	05:18:42.730	37.3150	136.7705	9.34	2.6	
2007	3	25	21:02:07.330	37.2350	136.6530	4.80	3.4		2007	3	28	05:22:20.230	37.1585	136.5035	6.83	3.1	
2007	3	25	21:26:36.030	37.2265	136.6990	9.68	3.4		2007	3	28	08:08:14.570	37.2223	136.7088	13.29	4.9	
2007	3	25	21:32:48.170	37.2403	136.7747	12.72	3.2		2007	3	28	08:47:41.890	37.0827	136.4953	0.00	3.0	
2007	3	25	21:53:19.380	37.2297	136.6848	7.47	3.0		2007	3	28	09:39:18.930	44.6492	146.3315	193.99	5.1	
2007	3	25	22:19:02.890	37.2823	136.7267	5.11	3.0		2007	3	28	09:58:28.910	37.2010	136.6492	5.98	1.9	
2007	3	25	22:28:25.680	37.2453	136.7673	10.42	3.5		2007	3	28	10:51:02.650	37.1757	136.6118	10.18	4.6	
2007	3	25	22:43:46.640	35.3763	140.4603	40.57	2.6		2007	3	28	12:18:45.630	35.6377	139.5418	24.13	2.0	
2007	3	25	22:49:26.300	37.2753	136.6982	7.51	3.8		2007	3	28	13:05:31.060	37.2820	136.6832	6.79	4.7	
2007	3	25	23:39:02.450	37.2788	136.7718	10.87	3.4		2007	3	28	14:36:49.450	37.2760	136.6782	6.97	3.5	
2007	3	25	23:44:55.220	36.6873	137.6505	0.00	2.5		2007	3	28	17:17:25.040	34.2897	138.2443	280.20	3.1	
2007	3	25	23:49:27.180	37.2383	136.7405	10.74	3.3		2007	3	28	18:14:30.200	35.9788	137.5287	9.43	2.0	
2007	3	26	00:02:56.790	37.2853	136.7832	9.86	3.3		2007	3	28	20:22:42.590	36.9603	138.1807	19.17	1.5	
2007	3	26	00:14:14.910	37.2017	136.7293	10.18	2.4		2007	3	28	21:16:38.800	37.1903	136.5823	6.10	3.8	
2007	3	26	00:21:43.160	37.2185	136.6508	5.58	3.6		2007	3	28	22:11:58.940	37.1912	136.7118	11.55	2.9	
2007	3	26	01:08:22.620	37.2882	136.7750	8.96	2.9		2007	3	28	23:54:57.230	37.2477	136.6823	7.06	3.2	
2007	3	26	02:05:37.660	37.2480	136.6747	5.62	3.3		2007	3	29	00:15:29.090	37.2507	136.7848	11.51	3.3	
2007	3	26	02:14:54.230	37.1578	136.6695	11.96	4.2		2007	3	29	00:56:43.720	37.2253	136.7272	10.38	1.8	
2007	3	26	02:25:53.410	37.1838	136.5938	6.95	3.7		2007	3	29	01:20:30.780	35.6383	140.1032	65.85	1.7	
2007	3	26	02:40:23.780	37.2353	136.6547	4.78	3.3		2007	3	29	02:19:24.840	37.3650	136.7308	6.85	2.6	
2007	3	26	03:02:09.200	35.6113	139.8143	26.15	2.2		2007	3	29	02:23:13.420	37.1552	136.4948	8.07	2.5	
2007	3	26	03:21:18.380	37.2345	136.7445	11.13	3.6		2007	3	29	02:27:38.752	36.6762	138.2127	9.43	1.2	local
2007	3	26	03:32:06.040	37.2723	136.7765	11.66	3.2		2007	3	29	03:17:08.430	37.1610	136.6705	10.55	3.2	
2007	3	26	03:34:16.740	37.1953	136.6732	10.13	2.6		2007	3	29	03:39:41.660	37.2243	136.7048	9.75	2.8	
2007	3	26	03:37:32.990	37.2670	136.7000	7.36	2.4		2007	3	29	04:32:01.300	37.2457	136.7000	7.96	3.4	
2007	3	26	04:03:24.410	37.3712	136.7207	8.66	3.5		2007	3	29	06:26:54.820	37.2812	136.7707	7.63	3.1	
2007	3	26	04:36:18.040	37.2178	136.6312	5.82	3.1		2007	3	29	10:46:19.100	37.2297	136.6888	8.31	3.8	
2007	3	26	06:46:27.860	37.2975	136.7705	10.08	3.4		2007	3	29	14:52:51.600	30.8193	141.8832	25.00	5.1	
2007	3	26	07:11:21.320	37.2347	136.7413	11.27	3.3		2007	3	29	15:34:14.690	37.1782	136.6275	10.83	3.5	
2007	3	26	07:16:36.490	37.1668	136.4893	0.00	5.3		2007	3	29	17:25:48.650	37.0557	140.3130	118.40	2.8	
2007	3	26	07:22:08.870	37.1693	136.5117	7.29	3.6		2007	3	29	18:32:08.710	37.1290	136.4653	5.77	2.9	
2007	3	26	07:49:21.580	37.1637	136.5193	5.11	3.5		2007	3	29	18:56:20.540	37.1753	136.5720	7.81	1.7	
2007	3	26	07:59:05.590	37.1672	136.5107	8.41	3.2		2007	3	29	19:14:21.700	37.3558	136.6842	7.89	2.8	
2007	3	26	09:48:20.920	37.1682	136.5635	0.00	3.2		2007	3	29	21:06:52.520	35.7033	140.7142	50.33	3.3	
2007	3	26	09:52:26.500	37.2363	136.7088	8.89	3.3		2007	3	29	22:40:15.620	36.0343	140.0997	63.82	3.4	
2007	3	26	09:55:46.740	37.2313	136.6435	0.48	3.3		2007	3	29	23:35:09.470	31.6727	138.5000	412.40	4.6	
2007	3	26	10:40:45.270	37.2867	136.6928	5.75	3.1		2007	3	30	01:09:55.760	37.3077	136.7667	10.67	3.0	
2007	3	26	11:58:14.710	37.2183	136.7320	13.58	3.6		2007	3	30	01:53:33.580	35.8533	137.6540	11.18	1.6	
2007	3	26	12:05:54.480	37.2410	136.6783	6.79	3.6		2007	3	30	02:05:36.170	37.2265	136.7278	11.39	3.5	
2007	3	26	13:47:40.980	37.2703	136.6570	4.30	4.4		2007	3	30	03:51:17.210	37.2377	136.7518	2.00	2.8	
2007	3	26	14:42:54.970	37.1712	136.5305	2.51	3.5		2007	3	30	04:18:14.780	37.2887	136.7365	8.31	3.1	
2007	3	26	14:46:34.670	37.1653	136.5518	8.62	4.8		2007	3	30	04:58:44.690	37.1112	136.5505	0.67	3.2	
2007	3	26	15:25:28.590	37.2552	136.7163	9.24	3.4		2007	3	30	06:10:42.930	36.1238	137.8984	-1.35	1.7	local
2007	3	26	15:51:18.470	36.2950	138.4472	18.95	9.9	local	2007	3	30	06:54:45.360	37.1712	138.6687	9.93	2.2	
2007	3	26	16:00:30.230	37.2403	136.6833	6.39	3.1		2007	3	30	14:04:53.880	37.3042	136.5998	8.31	3.7	
2007	3	26	16:41:16.300	37.2353	136.6785	8.12	3.5		2007	3	30	14:51:59.790	36.0502	139.8788	43.08	3.0	
2007	3	26	17:18:51.700	35.9447	137.6488	8.48	2.6		2007	3	30	18:05:05.720	43.9537	146.3213	98.63	5.6	
2007	3	26	17:58:26.830	37.2325	136.7342	10.17	3.1		2007	3	30	20:55:17.340	37.3077	136.7717	9.24	2.8	
2007	3	26	18:02:52.520	37.2762	136.7007	5.91	4.6		2007	3	31	01:30:32.690	37.2953	136.7833	10.18	2.9	
2007	3	26	18:26:31.480	37.1935	136.6602	10.03	3.6		2007	3	31	02:28:14.420	34.9070	136.9015	14.92	3.2	
2007	3	26	18:35:53.840	37.1630	136.5608	8.44	3.6		2007	3	31	08:09:46.940	37.23				

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	4	2	13:37:41.010	36.7597	139.4578	5.01	3.4		2007	4	8	21:52:13.900	22.8000	145.6600	40.10	4.9	global
2007	4	2	13:50:04.080	37.2835	136.7680	8.42	3.2		2007	4	8	22:28:17.400	-17.4200	-72.7400	29.80	5.1	global
2007	4	2	17:25:12.630	37.2203	136.6478	5.05	3.2		2007	4	8	23:52:32.290	35.7327	140.1807	64.35	1.8	
2007	4	2	19:49:17.700	-7.2200	156.2400	34.00	6.0	global	2007	4	9	00:48:18.400	35.8645	140.6198	49.95	1.9	
2007	4	2	21:02:23.300	-8.7100	157.6200	14.00	6.2	global	2007	4	9	05:07:25.230	35.0773	136.7882	13.44	2.1	
2007	4	2	21:21:43.451	36.7214	138.9988	10.90	1.7	local	2007	4	9	06:23:42.050	37.0333	136.4372	7.60	3.2	
2007	4	2	21:28:37.700	37.2063	136.6407	8.10	2.9		2007	4	9	15:15:00.680	36.6168	139.3895	9.59	2.4	
2007	4	2	21:49:50.470	37.2977	136.7330	7.64	3.3		2007	4	9	19:03:02.000	36.5370	139.8117	125.45	2.3	
2007	4	2	22:53:07.500	-8.5500	157.5300	11.10	5.6	global	2007	4	9	19:18:04.600	48.3000	154.7000	36.00	5.8	global
2007	4	3	00:48:22.479	36.2064	138.5428	10.48	1.4	local	2007	4	9	20:19:07.610	35.9225	137.6028	8.62	1.7	
2007	4	3	04:42:56.200	1.4100	125.7600	55.00	5.5	global	2007	4	9	22:02:31.950	36.9637	141.7372	49.41	3.7	
2007	4	3	05:58:14.340	35.7013	140.7102	53.24	4.0		2007	4	9	22:20:57.530	37.2337	136.7437	11.31	3.2	
2007	4	3	07:10:09.500	-7.7600	155.7000	10.00	5.0	global	2007	4	10	00:55:08.080	37.1673	136.5450	7.47	3.2	
2007	4	3	09:31:58.150	37.0393	140.7110	97.02	3.9		2007	4	10	02:54:53.070	35.3468	139.9428	86.85	2.3	
2007	4	3	09:54:45.360	35.7435	140.6570	46.19	3.4		2007	4	10	06:03:07.190	35.4670	139.0040	23.66	2.0	
2007	4	3	11:42:55.530	36.2417	139.3275	21.19	2.5		2007	4	10	06:24:05.090	34.8517	137.8110	17.55	2.6	
2007	4	3	11:51:15.780	35.6313	140.0233	67.88	1.8		2007	4	10	08:32:01.720	36.6182	140.9992	46.77	3.2	
2007	4	3	12:35:07.300	36.4500	70.6900	222.10	6.2	global	2007	4	10	10:22:24.280	38.9605	141.6512	73.80	4.0	
2007	4	3	12:44:09.840	37.3045	136.7860	10.59	1.2		2007	4	10	15:45:16.958	36.4471	138.0563	4.00	1.4	local
2007	4	3	14:11:49.500	36.7467	141.2792	46.83	3.3		2007	4	10	16:50:37.430	37.2010	136.7262	10.74	3.4	
2007	4	3	15:21:02.530	36.0927	141.1915	45.56	2.7		2007	4	10	22:56:53.900	12.9900	92.5300	30.00	5.5	global
2007	4	3	17:00:42.760	36.2338	140.0758	57.36	2.4		2007	4	11	09:30:32.202	36.6221	138.3492	4.01	1.9	local
2007	4	3	19:28:48.280	35.5633	141.0243	37.45	3.6		2007	4	11	11:18:25.970	34.3078	140.3112	77.38	4.0	
2007	4	3	20:20:03.400	35.9062	140.4452	53.67	1.6		2007	4	11	17:30:00.230	34.6547	139.8397	26.78	2.7	
2007	4	3	20:57:33.500	-7.8400	155.5900	27.50	5.5	global	2007	4	11	17:42:43.420	37.0748	141.0228	87.85	3.8	
2007	4	3	21:04:27.400	-7.8600	155.8000	8.00	6.0	global	2007	4	11	18:17:37.560	37.0850	136.4378	4.85	2.8	
2007	4	4	00:22:06.043	36.6908	138.3880	4.04	1.0	local	2007	4	11	19:30:57.700	46.4500	153.5500	10.00	5.3	global
2007	4	4	01:41:22.910	37.1462	136.4915	8.87	2.8		2007	4	11	22:11:57.520	37.0742	136.4268	8.20	4.3	
2007	4	4	05:01:08.620	35.8525	137.6600	11.07	1.5		2007	4	11	22:15:23.260	37.0757	136.4417	6.86	3.2	
2007	4	4	05:10:08.010	36.8462	138.2842	14.06	1.7		2007	4	12	01:45:47.710	37.0210	141.9787	43.41	2.8	
2007	4	4	05:26:09.600	-20.6300	168.9900	12.00	6.2	global	2007	4	12	02:08:51.510	37.2578	136.7020	4.82	3.0	
2007	4	4	08:11:43.610	37.3230	136.8293	4.32	3.0		2007	4	12	03:16:47.100	36.5368	140.4233	65.03	2.4	
2007	4	4	08:18:44.810	37.2608	136.7418	7.42	3.9		2007	4	12	03:30:58.690	37.2312	136.6628	5.42	2.7	
2007	4	4	09:18:25.600	23.3400	143.7600	26.20	5.1	global	2007	4	12	05:08:45.320	37.0747	136.4347	7.97	3.3	
2007	4	4	09:39:44.000	-7.1400	156.0500	10.00	5.9	global	2007	4	12	18:41:17.420	35.5747	139.6258	26.88	1.8	
2007	4	4	14:12:49.680	37.1615	136.5308	8.50	3.5		2007	4	12	20:05:34.480	37.1613	138.8255	6.74	2.3	
2007	4	4	14:46:42.330	36.1408	139.2415	82.06	2.6		2007	4	12	20:08:25.180	36.8357	141.3383	75.49	2.8	
2007	4	4	15:34:38.100	-7.7800	156.4900	31.20	6.4	global	2007	4	12	22:45:00.020	36.2210	141.8908	65.62	2.8	
2007	4	4	16:21:28.450	36.0192	141.7632	32.33	3.9		2007	4	12	22:50:26.130	38.1995	141.1475	11.95	4.5	
2007	4	4	17:54:36.380	37.1820	138.8400	10.65	1.6		2007	4	12	22:50:39.910	33.4950	132.7633	39.60	2.2	
2007	4	4	18:46:31.400	36.2178	137.9723	9.53	2.1	local	2007	4	13	01:06:12.310	37.2300	136.6870	8.17	3.3	
2007	4	4	19:52:02.290	36.2280	140.8730	45.73	2.7		2007	4	13	02:23:46.260	36.1543	140.2515	94.85	2.8	
2007	4	4	20:02:29.600	-20.6900	169.0600	10.00	6.5	global	2007	4	13	07:30:19.860	36.5902	139.5337	6.72	2.0	
2007	4	4	20:08:57.640	37.5488	136.7898	11.44	2.7		2007	4	13	09:02:53.210	37.1687	136.5165	0.00	3.7	
2007	4	4	21:29:04.710	37.2423	136.7342	10.29	2.8		2007	4	13	21:38:46.100	36.9393	138.1958	19.16	1.3	
2007	4	5	02:20:45.520	36.2193	141.8405	66.00	2.5		2007	4	13	21:50:47.960	35.3790	140.4543	53.80	2.2	
2007	4	5	02:32:13.060	36.2067	139.7775	55.92	3.0		2007	4	13	23:48:27.840	37.0902	136.4260	1.08	2.6	
2007	4	5	03:25:29.850	36.2380	141.7787	67.00	2.6		2007	4	13	23:56:28.190	36.9247	138.3345	17.78	1.3	
2007	4	5	03:53:39.380	30.9722	141.8410	39.00	4.9		2007	4	14	00:28:29.620	37.2755	136.6797	2.75	3.5	
2007	4	5	06:40:19.200	31.0283	141.9608	34.00	5.8		2007	4	14	03:11:04.220	33.6753	141.0550	55.34	5.3	
2007	4	5	13:25:40.100	37.3100	136.7745	9.53	2.9		2007	4	14	05:35:52.800	36.3287	142.4695	36.00	2.9	
2007	4	5	13:41:36.170	35.5300	141.9793	32.95	3.9		2007	4	14	05:42:24.450	36.6547	141.1940	45.86	4.6	
2007	4	5	15:09:41.350	37.0718	136.4425	0.00	3.8		2007	4	14	07:36:25.370	36.6472	139.4963	7.87	1.8	
2007	4	5	15:14:01.240	37.0735	136.4387	8.33	4.3		2007	4	14	08:19:54.910	35.7020	139.8078	54.93	1.9	
2007	4	5	16:33:25.490	35.8515	137.6573	11.31	1.9		2007	4	14	09:08:33.410	35.6543	139.7995	67.42	1.8	
2007	4	5	20:39:40.880	38.2028	141.1492	11.73	4.5		2007	4	14	17:06:27.030	35.8177	137.4790	10.00	2.3	
2007	4	5	22:43:19.160	37.2690	136.7855	10.80	3.4		2007	4	14	20:27:11.540	37.3148	136.8092	9.10	3.1	
2007	4	6	02:52:58.930	37.1568	136.4930	6.72	3.3		2007	4	14	23:08:13.870	37.2648	136.7222	5.58	3.5	
2007	4	6	12:54:33.660	37.0877	136.4457	5.52	2.8		2007	4	14	23:45:04.730	37.2662	136.7193	5.76	2.7	
2007	4	6	15:18:17.790	37.2673	136.7902	11.68	4.3		2007	4	15	00:50:06.080	35.6942	142.4050	35.00	4.8	
2007	4	6	18:06:28.200	35.7045	140.7032	48.55	2.6		2007	4	15	01:17:08.440	35.9233	137.5973	9.68	1.8	
2007	4	6	21:42:10.770	37.0955	136.4252	6.82	4.7		2007	4	15	01:37:05.897	36.3748	137.9770	7.85	0.7	local
2007	4	6	21:50:52.510	33.4807	141.3098	64.22	4.2		2007	4	15	05:52:01.527	36.3501	137.9212	8.31	1.4	local
2007	4	6	22:02:11.750	37.0882	136.4272	0.00	3.4		2007	4	15	06:14:07.760	36.2528	141.7122	67.00	2.7	
2007	4	6	22:19:45.200	37.0905	136.4270	0.00	2.7		2007	4	15	06:38:55.530	37.2505	136.7293	5.32	3.8	
2007	4	6	23:19:55.260	35.9330	141.4852	38.24	4.3		2007	4	15	08:12:40.640	36.5440	138.2990	4.04	1.1	local
2007	4	6	23:27:59.630	37.0943	136.4363	0.00	1.9		2007	4	15	12:17:32.620	34.7905	136.4078	15.64	3.2	
2007	4	6	23:55:36.110	37.0922	136.4342	6.72	4.3		2007	4	15	12:19:29.530	34.7912	136.4077	15.97	5.4	
2007	4	7	00:52:46.670	37.1043	136.4463	7.00	2.9		2007	4	15	12:36:14.050	34.7873	136.4085	15.43	2.2	
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浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	4	18	01:35:06.140	34.8487	140.3478	66.53	3.0		2007	5	2	07:19:54.390	36.8872	138.1793	8.11	1.8	
2007	4	18	02:36:48.770	37.1645	136.4883	7.36	3.2		2007	5	2	10:15:43.450	37.2383	136.6897	7.70	3.4	
2007	4	18	08:24:07.260	37.3238	136.8558	5.02	3.2		2007	5	2	13:07:01.060	36.7278	141.9123	38.00	3.0	
2007	4	19	00:07:31.070	42.6707	141.9467	126.18	5.6		2007	5	2	20:10:40.230	37.3298	136.7638	6.68	2.8	
2007	4	19	05:16:39.840	37.0843	136.4473	8.83	2.7		2007	5	2	20:44:38.200	37.3307	136.7628	6.59	4.7	
2007	4	19	08:16:06.640	35.8520	137.6495	11.35	1.7		2007	5	2	21:47:23.570	37.3377	136.7595	7.13	3.4	
2007	4	19	12:11:15.920	37.5385	142.2263	31.39	3.3		2007	5	3	03:43:40.640	35.8183	137.5352	6.46	2.4	
2007	4	19	15:25:51.722	36.2710	138.5457	1.95	1.4	local	2007	5	3	05:12:32.930	33.2867	138.0413	362.00	3.9	
2007	4	19	15:28:03.485	36.5927	138.1909	7.18	1.3	local	2007	5	3	09:10:11.390	36.6618	141.1823	44.37	3.3	
2007	4	20	01:38:19.250	34.3128	141.4037	40.06	2.9		2007	5	3	17:34:53.090	37.3373	141.5942	45.05	3.6	
2007	4	20	06:06:37.020	36.0588	141.0778	41.82	3.4		2007	5	3	17:55:46.495	36.8128	138.7195	3.11	1.5	local
2007	4	20	09:26:39.970	25.7387	125.0710	22.12	6.3		2007	5	3	21:11:35.220	43.3297	145.2103	75.91	3.9	
2007	4	20	10:45:54.930	25.7478	125.1368	20.82	6.7		2007	5	3	22:01:44.780	35.7430	140.1970	64.36	1.7	
2007	4	20	12:16:46.832	36.4592	138.5548	11.44	1.5	local	2007	5	3	23:57:52.500	36.1920	139.0570	82.97	1.4	
2007	4	20	21:34:53.320	35.1898	140.2238	41.86	3.3		2007	5	4	01:10:47.160	34.5602	140.2307	51.17	2.5	
2007	4	20	22:30:39.640	37.3172	136.6060	4.68	3.1		2007	5	4	02:25:25.900	-27.5500	-178.0700	216.70	5.5	global
2007	4	20	23:06:53.050	34.6798	140.2382	63.47	2.7		2007	5	4	05:24:37.600	37.3367	136.7622	6.75	2.7	
2007	4	21	00:36:41.100	36.2903	137.6260	4.53	1.3		2007	5	4	14:03:02.020	33.3275	142.4378	73.00	3.5	
2007	4	21	02:20:09.400	52.6500	-176.1000	177.10	5.4	global	2007	5	4	16:51:01.670	37.3367	136.7493	6.48	2.9	
2007	4	21	04:37:58.070	27.4392	128.6045	41.67	5.7		2007	5	4	21:23:34.890	37.1438	136.5135	8.38	3.3	
2007	4	21	07:49:00.730	36.1830	139.7897	54.08	2.4		2007	5	5	01:11:12.950	37.0737	136.4170	0.00	4.5	
2007	4	21	09:19:24.350	35.6890	140.1013	65.53	1.9		2007	5	5	08:23:59.570	35.9747	139.8402	94.81	2.2	
2007	4	21	16:08:27.270	33.7130	141.2560	62.20	3.8		2007	5	5	10:25:14.490	35.1310	135.6918	10.94	3.5	
2007	4	21	16:12:48.100	-3.5500	151.2700	407.40	6.1	global	2007	5	5	13:26:00.940	37.0755	136.4335	0.00	3.5	
2007	4	22	02:20:31.900	-13.8400	166.8400	40.70	6.0	global	2007	5	5	17:09:29.860	36.9422	138.1783	0.06	3.3	
2007	4	22	02:35:45.730	35.7582	138.2105	14.77	1.5		2007	5	5	17:59:45.230	36.1488	138.4370	-4.61	1.5	local
2007	4	22	04:32:51.090	36.7157	139.5787	7.78	3.0		2007	5	5	18:22:26.250	37.1608	136.6712	11.28	2.9	
2007	4	22	18:40:46.220	37.5027	141.8452	35.43	3.1		2007	5	5	20:39:51.000	37.0952	138.4607	14.74	2.8	
2007	4	22	21:02:12.400	37.3042	136.7670	9.42	2.7		2007	5	5	20:50:53.650	37.0993	138.4647	14.90	1.9	
2007	4	22	22:16:52.800	36.3858	137.6368	1.59	1.8		2007	5	6	00:58:04.920	36.1928	139.1562	131.61	1.6	
2007	4	23	00:28:45.010	36.9518	138.1723	14.17	1.3		2007	5	6	03:15:08.720	37.2893	136.8502	10.07	2.7	
2007	4	23	00:47:24.330	35.6863	140.6640	49.97	2.2		2007	5	6	03:16:54.310	36.0232	137.5407	4.97	1.9	
2007	4	23	03:42:31.390	36.5723	139.3935	5.29	1.7		2007	4	5	04:06:39.900	-7.3500	128.4000	119.00	5.4	global
2007	4	23	08:27:32.840	36.0907	139.5182	64.96	2.2		2007	5	6	05:33:48.180	35.8108	139.1877	15.60	2.9	
2007	4	23	22:50:26.340	36.1715	139.2637	75.78	2.4		2007	5	6	05:44:46.540	37.0663	136.4345	0.00	2.1	
2007	4	24	01:35:54.640	35.2263	138.5003	19.41	1.9		2007	5	6	05:56:26.940	37.2428	142.1738	28.66	2.9	
2007	4	24	06:59:28.320	35.4800	139.1115	19.35	2.1		2007	5	6	06:36:57.080	34.9718	137.8335	22.65	2.5	
2007	4	24	12:36:50.450	36.3455	141.7580	65.23	3.6		2007	5	6	10:09:41.700	36.8843	141.4670	62.32	4.1	
2007	4	24	18:58:19.280	36.8348	138.6215	0.00	1.4		2007	5	6	11:07:02.140	37.7827	140.7697	86.05	2.8	
2007	4	24	20:08:25.130	34.9363	138.8512	167.75	2.5		2007	5	6	14:30:32.950	35.8093	139.1863	14.80	1.8	
2007	4	24	21:14:22.000	-7.7900	155.6700	10.00	5.4	global	2007	5	6	17:30:11.690	35.0817	141.0763	50.08	3.2	
2007	4	24	22:34:23.110	37.1453	138.6245	10.80	2.4		2007	5	6	23:54:11.260	37.6367	138.2808	24.33	2.0	
2007	4	25	03:11:01.330	34.8937	141.9760	51.87	3.0		2007	5	7	02:13:17.800	37.2748	136.7637	8.95	3.4	
2007	4	25	03:41:06.690	35.8127	139.1865	16.45	2.3		2007	5	7	02:47:10.970	37.0705	136.4135	6.18	3.3	
2007	4	25	03:47:06.470	35.8118	139.1865	15.24	2.0		2007	5	7	04:28:51.330	36.5388	139.4255	116.32	3.4	
2007	4	25	12:13:13.860	37.2483	136.6992	8.10	3.2		2007	5	7	06:21:20.790	35.3517	135.2885	6.01	1.0	
2007	4	25	16:48:34.360	36.0542	137.5140	6.86	2.5		2007	5	7	07:01:08.900	-19.4100	-179.3200	688.00	6.0	global
2007	4	25	20:52:55.600	7.4000	126.4400	27.10	5.7	global	2007	5	7	09:24:47.900	-19.2500	-179.3600	682.20	5.6	global
2007	4	25	21:41:30.600	37.0132	138.4103	12.57	2.0		2007	5	7	17:25:40.430	34.3867	140.1547	41.68	2.7	
2007	4	26	04:44:37.920	33.0838	142.2958	90.00	4.3		2007	5	7	20:49:01.964	36.3424	138.0014	6.02	1.3	local
2007	4	26	07:04:44.500	36.3813	140.4935	87.44	3.0		2007	5	7	22:29:14.540	36.9412	138.2493	26.32	1.0	
2007	4	26	07:27:31.720	37.2962	138.9738	7.96	1.9		2007	5	8	00:08:51.580	36.6362	139.4785	8.41	1.9	
2007	4	26	08:12:27.060	35.6668	140.7290	46.93	3.2		2007	5	8	05:32:32.300	-21.2100	-178.6200	550.00	5.7	global
2007	4	26	09:02:56.950	33.8893	133.5847	39.10	5.3		2007	5	8	05:46:43.440	36.6772	141.2225	47.88	2.6	
2007	4	26	11:30:35.460	37.2342	136.7443	10.90	3.9		2007	5	8	11:45:07.580	35.5457	139.8527	59.08	2.2	
2007	4	26	11:55:15.020	34.1173	135.3208	6.93	4.0		2007	5	8	18:07:16.700	36.2135	137.9827	7.42	2.3	local
2007	4	26	12:06:38.490	37.2598	139.0158	8.69	3.0		2007	5	8	21:01:34.830	36.0603	139.8900	46.32	4.5	
2007	4	26	20:15:58.000	37.2833	136.7497	6.19	3.3		2007	5	8	21:52:33.640	37.8153	142.4680	35.19	3.7	
2007	4	27	01:37:57.200	42.34730	143.6060	57.61	5.2		2007	5	9	01:37:52.920	36.0675	139.8327	132.75	1.9	
2007	4	27	05:04:09.520	36.7902	140.9793	83.27	3.8		2007	5	9	02:08:46.220	36.5235	140.6912	54.53	3.9	
2007	4	27	09:06:42.860	37.2872	136.7900	9.27	2.9		2007	5	9	08:52:05.260	35.8092	139.1870	14.95	3.8	
2007	4	27	14:02:19.800	36.0238	139.9513	45.05	3.1		2007	5	9	18:01:47.600	6.6400	123.9100	572.80	5.6	global
2007	4	27	16:01:04.440	37.6710	138.6378	23.69	2.6		2007	5	9	22:30:22.700	36.2458	137.6917	4.88	1.5	
2007	4	27	17:10:57.630	37.3272	136.7062	4.39	1.5		2007	5	10	12:34:41.240	34.9623	138.5435	8.01	2.0	
2007	4	27	19:30:39.380	37.3313	136.6963	5.28	3.1		2007	5	10	15:36:26.981	36.3999	138.4998	1.03	-0.6	local
2007	4	27	22:49:28.300	-6.9700	155.9400	46.40	5.8	global	2007	5	10	15:37:42.500	36.3975	138.4567	3.76	9.9	local
2007	4	27	23:04:10.090	36.9960	141.5130	48.70	3.4		2007	5	11	02:12:27.240	37.1185	136.3117	10.56	4.5	
2007	4	28	03:15:57.260	37.3300	136.6960	5.09	3.8		2007	5	11	05:02:13.210	35.8638	137.6512	8.25	3.2	
2007	4	28	09:27:24.670	35.7287	136.6257	9.94	4.6		2007	5	11	09:42:38.60					

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	5	13	17:48:44.670	36.1125	142.1222	68.29	4.1		2007	5	30	22:16:35.280	35.1430	139.8843	32.01	2.0	
2007	5	13	29:26:42.900	-19.5100	-179.3300	668.60	5.8	global	2007	5	30	22:40:30.332	36.3883	138.8043	15.44	1.1	local
2007	5	14	04:36:26.040	37.4793	142.1153	30.80	3.4		2007	5	31	00:41:11.730	37.0877	139.2482	6.58	1.9	
2007	5	14	06:59:39.660	36.3415	140.9433	44.62	4.0		2007	5	31	01:14:43.100	35.6175	139.8223	25.45	1.9	
2007	5	14	19:08:09.880	36.0085	140.0732	61.52	1.8		2007	5	31	03:21:46.780	35.2540	140.1332	59.86	2.4	
2007	5	14	20:37:19.110	32.2262	141.0737	14.00	5.0		2007	5	31	05:22:12.700	52.1400	157.2900	116.00	6.4	global
2007	5	15	00:01:44.020	36.3683	137.9797	4.97	1.3	local	2007	5	31	15:04:32.050	27.6848	129.2465	34.50	1.7	
2007	5	15	00:34:28.700	35.6775	140.3570	67.99	1.8		2007	5	31	22:41:03.730	34.6992	137.8958	12.80	2.7	
2007	5	15	02:56:25.050	36.1332	140.0867	65.17	2.8		2007	6	1	00:55:59.990	35.8937	140.2635	39.02	2.8	
2007	5	15	04:22:48.290	37.4315	139.6885	3.10	1.9		2007	6	1	01:58:09.320	36.2452	137.6895	5.10	1.4	
2007	5	15	08:12:14.013	36.2525	138.0161	4.11	1.4	local	2007	6	1	04:47:02.160	36.2468	137.6995	6.12	2.1	
2007	5	15	11:42:49.981	36.7385	137.8434	4.11	2.6	local	2007	6	1	07:28:58.530	36.0938	139.6812	59.39	4.5	
2007	5	15	18:00:06.420	35.7147	140.6270	49.84	2.8		2007	6	1	11:17:02.370	34.6980	137.8922	13.45	2.9	
2007	5	15	20:22:18.800	47.8300	154.5500	10.00	5.3	global	2007	6	1	11:42:45.500	34.6995	137.8950	13.30	4.3	
2007	5	16	02:46:46.480	38.7430	142.3113	29.05	1.1		2007	6	1	23:25:21.220	35.7033	140.7177	52.64	3.2	
2007	5	16	03:08:01.150	37.3020	136.7943	8.34	2.5		2007	6	2	00:14:02.010	36.5632	141.0943	43.32	3.3	
2007	5	16	10:52:05.510	37.7810	143.2802	49.00	4.5		2007	6	2	00:23:00.600	-33.8300	-178.9000	10.00	5.0	global
2007	5	16	17:21:02.990	35.1477	139.5323	44.62	2.3		2007	6	2	04:00:13.740	36.3931	137.9828	5.05	1.7	local
2007	5	16	20:51:39.030	36.0160	140.0742	61.25	2.1		2007	6	2	04:34:02.820	36.1233	139.9858	68.14	2.3	
2007	5	16	21:47:08.722	36.1567	138.0240	6.03	1.6	local	2007	6	2	05:39:42.360	36.1265	139.9897	68.46	2.4	
2007	5	17	00:54:51.860	35.9160	137.6505	11.53	1.8		2007	6	2	08:33:05.845	36.3944	137.9840	7.47	2.7	local
2007	5	17	02:24:15.090	31.9698	138.7010	398.00	3.5		2007	6	2	14:43:14.930	36.1345	140.0343	49.84	4.6	
2007	5	17	08:58:36.100	-6.9600	155.8700	35.00	5.7	global	2007	6	2	18:41:26.000	37.3102	138.8792	12.99	2.0	
2007	5	17	09:19:21.090	35.6465	140.1263	66.36	1.9		2007	6	2	21:33:00.700	-6.0700	147.4500	78.50	5.0	global
2007	5	17	10:08:09.980	36.1373	140.0112	48.44	2.9		2007	6	2	22:49:50.750	36.1490	140.8702	43.36	2.7	
2007	5	17	11:32:13.570	34.6903	140.8397	73.94	3.2		2007	6	2	23:00:49.130	36.2462	137.6998	5.70	1.1	
2007	5	18	00:15:52.280	36.0543	137.5140	6.86	2.3		2007	6	3	00:27:03.270	35.5940	137.7585	15.62	1.7	
2007	5	18	01:41:22.460	37.5322	139.9842	119.54	2.4		2007	6	3	03:25:12.420	37.4280	139.7012	3.66	1.6	
2007	5	18	12:14:12.580	34.5895	140.6652	57.90	3.4		2007	6	3	06:34:57.800	23.0300	101.0500	5.00	6.1	global
2007	5	18	12:59:43.670	35.6863	140.0982	68.65	2.6		2007	6	3	06:48:16.690	36.4255	140.6863	50.89	2.9	
2007	5	18	17:02:16.470	36.4240	140.6858	52.10	3.9		2007	6	3	07:20:44.220	36.5243	137.6668	2.38	1.0	
2007	5	18	17:33:35.059	36.0853	138.0293	8.56	1.4	local	2007	6	3	08:26:06.815	36.4044	137.9843	7.66	1.1	local
2007	5	18	19:55:59.210	36.5201	138.7291	29.05	1.4	local	2007	6	3	16:05:14.510	36.0065	137.5852	9.40	3.2	
2007	5	18	22:42:30.910	32.7995	138.5190	325.00	3.3		2007	6	3	19:33:34.070	36.2473	137.6942	4.85	1.8	
2007	5	19	00:02:50.273	36.6075	138.3151	4.02	1.1	local	2007	6	3	23:53:43.710	37.3300	138.7047	24.53	2.1	
2007	5	19	00:59:57.540	41.5628	142.0528	67.50	5.3		2007	6	4	01:11:51.470	36.0893	140.0230	66.10	2.4	
2007	5	19	02:57:01.332	36.6021	138.3233	4.63	0.7	local	2007	6	4	01:36:10.100	36.0065	137.5848	9.25	1.5	
2007	5	19	07:39:05.540	37.7652	141.8197	40.06	3.6		2007	6	4	03:08:45.390	33.3272	135.2437	32.58	3.7	
2007	5	19	12:08:23.550	36.0157	140.1070	62.30	2.2		2007	6	4	08:48:09.930	36.7718	141.3088	48.03	3.1	
2007	5	19	15:12:17.960	36.3430	140.9952	54.07	3.5		2007	6	4	12:58:03.980	35.5898	140.0585	68.47	2.2	
2007	5	19	21:04:15.440	36.0265	140.0928	61.66	2.2		2007	6	4	13:33:55.020	36.0900	139.8638	47.58	4.4	
2007	5	20	02:29:20.270	34.9645	138.5455	6.47	1.9		2007	6	4	13:55:53.390	35.5928	137.7588	15.62	2.4	
2007	5	20	06:20:09.910	37.2122	142.2097	27.00	3.1		2007	6	4	15:06:44.360	36.2473	137.6968	5.28	2.3	
2007	5	20	13:40:06.870	35.5518	138.9215	23.51	1.9		2007	6	4	22:07:50.170	36.0063	137.5853	9.48	1.7	
2007	5	20	20:06:18.980	36.4558	142.5548	87.00	3.2		2007	6	4	22:36:00.320	36.3273	139.9602	75.77	2.3	
2007	5	21	00:41:37.770	36.3100	140.0873	68.94	2.7		2007	6	4	23:49:16.790	34.8358	141.0782	45.77	4.5	
2007	5	21	02:38:04.140	36.8667	137.6748	0.85	2.3		2007	6	5	00:00:06.670	37.1973	138.6358	7.14	2.7	
2007	5	21	04:31:34.790	37.5893	139.0885	162.33	2.3		2007	6	5	01:57:05.460	37.1898	138.4123	12.69	2.6	
2007	5	21	05:48:24.610	36.7003	141.2230	44.20	3.2		2007	6	5	02:59:08.260	33.6937	137.1955	370.05	3.4	
2007	5	21	07:19:39.660	37.8913	135.6750	374.18	5.3		2007	6	5	03:06:30.380	33.3093	139.4570	168.12	3.6	
2007	5	21	10:23:23.040	36.3365	141.3090	46.02	1.3		2007	6	5	03:45:43.830	35.7915	139.4348	53.93	1.5	
2007	5	21	14:02:09.354	36.0441	138.3442	35.46	2.1	local	2007	6	5	03:54:31.990	37.2843	136.7223	4.42	2.5	
2007	5	21	15:19:47.560	35.8747	140.4963	34.03	2.9		2007	6	5	05:29:22.310	37.1515	138.4305	19.52	1.6	
2007	5	21	22:06:22.150	37.4382	136.5913	9.36	3.2		2007	6	5	06:16:22.240	35.1662	136.0598	11.42	3.2	
2007	5	22	01:00:35.020	36.7287	141.4860	53.87	2.8		2007	6	5	13:59:11.460	34.8892	140.3293	65.65	4.1	
2007	5	22	01:36:51.860	33.0215	141.5280	87.00	3.2		2007	6	5	18:34:57.800	23.0300	101.0500	5.00	5.8	global
2007	5	22	02:27:52.990	35.9105	137.6743	9.31	3.4		2007	6	5	22:53:33.000	37.1900	138.4045	15.16	1.5	
2007	5	22	02:35:44.950	35.9117	137.6702	9.65	1.8		2007	6	6	00:27:02.100	-60.1800	-26.7300	10.00	5.7	global
2007	5	22	06:58:40.870	36.3501	138.6249	25.80	1.5	local	2006	6	6	07:08:35.080	35.8752	140.4830	35.20	2.8	
2007	5	22	09:34:21.930	35.9118	137.6783	9.18	1.9		2007	6	6	20:28:25.000	-6.7200	130.9100	86.60	5.8	global
2007	5	22	09:50:29.460	35.8447	137.6052	6.71	2.0		2007	6	6	23:41:38.830	33.3333	131.4892	9.63	1.6	
2007	5	22	17:17:16.850	36.0268	140.0982	63.73	2.4		2007	6	7	05:01:21.880	35.7493	138.1215	21.79	1.8	
2007	5	22	17:55:15.452	36.7786	137.8922	4.63	2.0	local	2007	6	7	07:08:07.870	36.1810	140.0710	66.40	2.6	
2007	5	23	03:10:04.120	35.6788	140.0275	65.51	1.7		2007	6	7	07:27:43.000	35.1943	137.7050	17.43	2.9	
2007	5	23	04:50:26.950	35.9137	137.6738	9.62	1.3		2007	6	7	10:11:24.500	35.4545	140.4443	54.78	2.8	
2007	5	23	13:00:13.340	36.8787	141.6493	47.53	3.2		2007	6	7	16:17:12.220	37.9128	141.4840	81.46	3.6	
2007	5	24	23:08:56.760	34.9403	136.7795	17.92	3.0		2007	6	7	20:49:28.670	33.3328	131.5147	9.36	3.4	
2007	5	25	03:38:54.283	36.4554	138.0181	6.70	1.2	local	2007	6	7	21:42:06.300	37.2215	142.1683	25.33	3.2	
2007	5	25	04:20:03.530	36.0502	139.8888	44.96	2.1		2007	6	7	22:41:54.590	38.8937				

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	6	13	06:15:52.290	36.0067	137.5845	9.65	2.2		2007	6	25	09:50:56.310	37.1158	138.4515	22.32	1.7	
2007	6	13	10:49:35.580	38.3477	141.8150	65.61	4.2		2007	6	25	11:45:31.580	36.1993	140.8630	71.40	3.4	
2007	6	13	19:54:41.410	36.4722	138.5413	162.27	2.6		2007	6	26	00:12:21.070	36.5368	139.2487	10.62	1.9	
2007	6	14	02:27:42.400	3.4900	127.9400	103.00	5.6	global	2007	6	26	06:38:28.550	36.3108	140.0320	71.73	2.4	
2007	6	14	04:58:44.830	35.4805	137.9322	224.00	2.9		2007	6	26	11:30:42.270	36.6995	141.2055	45.22	3.7	
2007	6	14	07:28:35.490	36.7420	139.4020	6.84	2.2		2007	6	26	14:33:45.560	35.9743	141.2570	36.89	3.0	
2007	6	14	07:38:24.050	35.5677	140.0248	79.22	2.5		2007	6	26	18:53:05.490	36.6328	140.4795	90.99	2.6	
2007	6	14	17:35:02.560	35.2217	140.6263	34.37	2.7		2007	6	26	20:04:30.970	36.8768	136.6748	7.84	3.4	
2007	6	15	00:03:14.800	30.8763	137.6867	507.17	5.1		2007	6	26	21:08:02.460	41.2585	139.0393	29.15	4.4	
2007	6	15	04:51:11.950	35.6757	140.1392	63.64	1.6		2007	6	27	04:06:33.790	35.7108	140.0593	37.17	1.7	
2007	6	15	11:48:51.640	36.8737	138.3058	11.45	2.2		2007	6	27	04:20:50.890	36.0980	139.9730	47.26	2.4	
2007	6	15	14:20:09.240	35.3910	138.4820	14.62	2.0		2007	6	27	06:15:02.610	36.8307	137.7843	0.00	1.8	
2007	6	15	23:03:52.020	36.1088	140.5127	56.37	3.1		2007	6	27	07:20:17.640	36.8313	137.7710	0.00	1.8	
2007	6	16	10:18:48.000	1.1500	126.4100	47.20	5.7	global	2007	6	27	07:20:34.150	28.1783	130.3755	43.00	1.9	
2007	6	16	13:24:53.100	36.1248	140.0292	48.86	3.0		2007	6	27	10:49:27.160	36.8325	137.7787	0.00	2.2	
2007	6	16	18:20:16.660	34.4085	138.1772	283.10	3.0		2007	6	27	10:50:46.450	36.8327	137.7810	0.00	2.8	
2007	6	16	22:55:42.210	36.4815	139.3803	6.81	1.8		2007	6	27	10:59:40.552	36.7444	137.8865	-9.35	2.3	local
2007	6	17	00:11:01.640	35.9340	137.6345	9.33	1.6		2007	6	27	11:19:55.500	36.8292	137.7820	0.00	2.6	
2007	6	17	06:52:35.000	-3.0800	138.7300	10.00	5.7	global	2007	6	27	11:34:28.300	36.8290	137.7825	0.00	2.9	
2007	6	17	12:15:56.690	36.7065	142.2870	25.00	4.5		2007	6	27	11:39:40.878	36.7079	137.8529	-0.52	2.1	local
2007	6	17	13:31:05.260	36.2460	140.4752	52.71	2.2		2007	6	27	12:01:42.614	36.7135	138.0038	7.66	2.6	local
2007	6	17	15:56:39.940	37.2523	142.1238	31.83	2.8		2007	6	27	12:15:19.210	36.8292	137.7782	0.00	1.9	
2007	6	17	16:20:02.040	36.6912	142.3048	7.00	3.3		2007	6	27	12:28:09.500	36.8283	137.7757	0.00	2.6	
2007	6	17	19:05:51.650	37.6000	138.5448	24.21	2.3		2007	6	27	12:30:20.710	36.8282	137.7768	0.00	2.6	
2007	6	17	20:12:02.820	36.7040	142.2120	27.00	3.0		2007	6	27	13:28:34.150	36.8275	137.7815	0.00	2.2	
2007	6	18	02:20:11.700	35.3802	140.3875	55.59	1.8		2007	6	27	16:06:28.250	36.8295	137.7830	0.00	3.5	
2007	6	18	02:50:08.760	36.5510	141.2865	45.24	3.1		2007	6	27	16:17:45.920	36.8278	137.7812	0.00	2.2	
2007	6	18	17:38:53.010	35.6433	140.1820	61.93	1.8		2007	6	27	17:03:05.390	35.2647	139.7743	124.27	2.0	
2007	6	18	18:42:08.630	37.8955	140.8435	84.78	3.3		2007	6	27	18:03:27.370	36.7498	137.8923	4.00	2.1	local
2007	6	18	23:08:00.450	36.7023	142.3108	15.32	3.1		2007	6	27	20:46:34.180	36.8287	137.7718	0.00	1.9	
2007	6	19	03:21:41.460	35.6602	140.2020	66.12	2.8		2007	6	27	20:48:44.280	36.8278	137.7700	0.00	2.5	
2007	6	19	04:19:55.710	35.6680	140.1710	65.25	2.4		2007	6	27	21:04:08.220	36.8260	137.7848	1.00	2.2	
2007	6	19	09:46:47.926	36.4298	138.1869	4.01	1.1	local	2007	6	27	21:27:54.610	36.8285	137.7703	0.00	2.5	
2007	6	19	11:37:01.100	30.1058	139.4630	398.55	3.8		2007	6	27	21:37:30.780	36.8317	137.7875	0.00	1.7	
2007	6	19	12:45:02.085	36.2194	139.0140	4.01	1.5	local	2007	6	27	22:32:10.750	36.8217	137.7702	0.00	1.4	
2007	6	19	15:27:50.240	38.7277	140.5160	116.78	4.4		2007	6	27	23:20:17.490	36.6960	142.0557	28.45	3.1	
2007	6	19	23:55:50.060	37.0715	142.2320	27.34	3.2		2007	6	27	23:51:38.270	36.8227	137.7678	0.00	1.7	
2007	6	20	00:51:32.158	36.2773	138.0485	4.22	0.8	local	2007	6	28	01:04:01.460	36.8263	137.7720	0.00	1.7	
2007	6	20	02:02:07.670	35.6073	140.1268	61.74	2.6		2007	6	28	02:37:02.750	36.8312	137.7707	0.00	1.9	
2007	6	20	05:26:39.780	35.2437	141.3433	30.16	2.9		2007	6	28	02:59:39.590	36.8305	137.7752	0.00	1.4	
2007	6	20	06:00:50.370	35.2127	141.4057	34.38	2.8		2007	6	28	04:22:29.800	36.8262	137.7672	0.00	1.9	
2007	6	20	10:09:30.970	36.7092	141.1518	74.24	3.0		2007	6	28	08:15:28.070	37.1918	135.6218	365.68	4.5	
2007	6	20	11:43:35.230	37.2530	138.9345	9.94	2.4		2007	6	28	12:00:07.290	36.2415	140.8562	43.77	1.1	
2007	6	20	13:31:08.060	35.2380	141.2403	22.46	3.8		2007	6	28	12:46:25.750	35.9333	141.2388	43.87	1.9	
2007	6	20	21:43:08.588	36.5655	137.8561	13.17	1.4	local	2007	6	28	17:12:06.350	35.8960	140.8377	40.74	2.8	
2007	6	20	21:56:03.300	36.7142	142.1592	14.55	4.1		2007	6	28	18:26:26.000	35.8125	139.1870	15.44	4.1	
2007	6	20	23:00:25.720	35.2360	141.2968	24.90	5.0		2007	6	28	18:36:24.040	35.8112	139.1863	15.01	2.1	
2007	6	20	23:13:21.670	35.2068	141.2425	27.28	4.5		2007	6	28	18:44:10.140	35.8118	139.1972	15.19	1.9	
2007	6	20	23:54:02.010	35.2055	141.3097	22.84	4.6		2007	6	28	18:52:36.630	35.8107	139.1858	14.78	2.2	
2007	6	21	00:45:55.630	35.2205	141.4048	37.26	3.8		2007	6	28	19:36:07.470	37.1028	136.4465	9.52	2.9	
2007	6	21	01:51:49.010	35.1945	141.3767	30.49	2.9		2007	6	28	21:08:09.530	36.8292	137.7728	0.00	1.4	
2007	6	21	01:57:22.880	35.2620	141.3985	33.73	2.4		2007	6	28	22:44:52.700	36.5087	140.8355	56.82	2.7	
2007	6	21	02:25:31.500	35.2482	141.4520	34.24	2.9		2007	6	28	22:55:22.270	36.0575	139.6982	106.34	3.9	
2007	6	21	02:33:19.240	35.2080	141.3855	33.91	2.7		2007	6	28	23:08:33.110	35.6365	140.0878	64.06	1.7	
2007	6	21	02:57:11.810	35.1930	141.3705	35.92	2.6		2007	6	28	23:47:35.160	36.8293	137.7768	0.00	1.5	
2007	6	21	03:00:50.950	35.2318	141.4505	26.39	3.3		2007	6	28	23:50:59.140	36.8302	137.7732	0.00	1.4	
2007	6	21	03:12:31.830	35.1983	141.4092	38.80	4.8		2007	6	29	00:03:43.750	36.8242	137.7678	0.00	1.6	
2007	6	21	05:49:28.820	35.1627	139.7730	64.96	2.0		2007	6	29	00:40:29.224	36.7516	138.0528	12.08	1.4	local
2007	6	21	08:56:07.170	35.1572	141.6075	30.00	2.9		2007	6	29	01:37:16.300	35.9445	138.0753	9.05	1.3	
2007	6	21	10:38:02.320	35.6900	140.0498	67.83	2.3		2007	6	29	03:50:03.600	-22.3000	171.5400	110.70	5.5	global
2007	6	21	23:03:35.810	37.2383	138.6080	12.20	1.7		2007	6	29	05:52:17.801	36.7659	138.9451	31.16	1.7	local
2007	6	22	00:22:26.900	37.2833	139.0377	6.63	2.1		2007	6	29	06:17:42.070	36.8257	137.7838	0.00	1.7	
2007	6	22	03:34:18.334	36.3006	138.4140	10.70	1.1	local	2007	6	29	17:39:22.420	37.8995	140.3963	132.61	1.3	
2007	6	22	03:48:07.300	36.8798	136.6677	6.59	2.6		2007	6	29	17:39:34.470	36.1910	138.6987	150.00	2.6	
2007	6	22	03:57:21.670	36.8843	136.6678	6.32	2.6		2007	6	29	22:52:31.500	35.7017	138.7492	18.79	2.1	
2007	6	22	04:31:40.890	36.8753	136.6673	6.88	2.9		2007	6	29	22:56:35.070	34.5912	140.4130	62.46	4.4	
2007	6	22	06:44:01.930	36.8773	136.6687	7.35	3.0		2007	6	29	23:46:22.890	35.4027	136.5092	15.78	3.5	
2007	6	22	10:42:05.426	36.0035	139.1559	14.62	2.0	local	2007	6	30	03:07:28.100	-5.7600	145.8400	115.20	5.1	global
2007	6	22	11:03:46.820	34.0163	140.3540												

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	7	3	21:13:13.210	34.8195	137.8415	32.96	2.6		2007	7	16	11:55:44.580	37.5618	138.7017	24.11	3.1	
2007	7	3	23:31:14.140	35.8575	140.5992	48.42	4.5		2007	7	16	12:01:51.650	37.5370	138.5617	17.11	2.6	
2007	7	4	00:08:49.695	36.5725	138.2854	2.84	1.5	local	2007	7	16	12:04:05.030	37.4935	138.5303	21.26	2.8	
2007	7	4	01:41:44.820	36.8908	140.9618	71.30	3.3		2007	7	16	12:10:49.520	37.4447	138.5690	19.46	1.8	
2007	7	4	07:58:26.960	35.8120	139.1888	15.36	2.6		2007	7	16	12:20:37.350	37.5130	138.5452	20.03	3.4	
2007	7	4	09:27:55.392	36.4191	138.0433	6.77	1.3	local	2007	7	16	12:24:53.590	37.5147	138.5960	19.94	2.2	
2007	7	4	11:57:55.420	35.4167	140.4542	53.23	2.3		2007	7	16	12:27:41.520	37.4683	138.5830	21.77	2.8	
2007	7	4	12:56:56.640	36.1712	140.0707	66.34	2.0		2007	7	16	12:28:41.360	37.4887	138.5613	18.42	1.9	
2007	7	4	21:36:17.300	36.9237	138.3682	12.15	1.2		2007	7	16	12:29:18.480	37.5495	138.6293	15.80	1.9	
2007	7	4	22:37:48.012	36.4633	138.0205	7.27	2.0	local	2007	7	16	12:34:02.510	37.5488	138.5425	18.44	2.9	
2007	7	4	23:45:04.520	36.4995	137.7098	1.76	2.0		2007	7	16	12:37:52.430	37.5048	138.5730	17.79	2.5	
2007	7	5	00:02:32.740	36.5974	138.2691	5.94	2.1	local	2007	7	16	12:42:01.360	37.5250	138.5527	18.69	2.1	
2007	7	5	08:36:33.320	35.8435	137.5680	5.66	2.6		2007	7	16	12:43:04.470	37.4892	138.5223	18.66	2.4	global
2007	7	5	16:48:39.970	35.8802	140.8658	36.58	2.5		2007	7	16	12:49:44.260	37.4905	138.5308	18.55	2.9	local
2007	7	5	19:08:02.570	35.1213	137.4418	42.12	2.5		2007	7	16	12:56:53.390	37.4408	138.6008	17.52	2.5	local
2007	7	5	23:33:04.560	37.7103	141.7638	75.76	3.0		2007	7	16	12:58:15.970	37.5067	138.6038	17.75	2.3	
2007	7	6	06:48:14.130	35.5762	139.9392	10.83	2.1		2007	7	16	12:58:56.020	37.4667	138.5805	19.72	2.6	
2007	7	6	16:18:21.020	35.0570	140.3623	72.66	2.5		2007	7	16	12:59:35.220	37.4815	138.4985	20.10	2.8	
2007	7	6	17:38:34.010	33.5937	140.9235	64.80	3.7		2007	7	16	13:07:33.410	37.3943	138.5410	18.85	2.1	
2007	7	6	18:58:20.610	36.2937	138.6147	152.63	2.1		2007	7	16	13:08:25.820	37.4190	138.5267	21.41	2.3	
2007	7	6	22:14:32.020	36.3303	140.5072	90.74	2.5		2007	7	16	13:16:57.600	37.4945	138.5485	17.97	3.1	
2007	7	7	00:35:22.930	35.1658	136.0622	11.31	3.2		2007	7	16	13:24:52.140	37.4743	138.5885	18.96	2.3	
2007	7	7	00:59:26.560	37.3210	141.8467	40.57	3.5		2007	7	16	13:33:23.600	37.4360	138.5542	20.09	2.7	
2007	7	7	12:03:57.380	35.6687	140.2582	34.35	2.4		2007	7	16	13:37:08.720	37.4887	138.4902	20.14	2.3	
2007	7	7	14:01:33.470	35.6208	140.0687	65.99	2.2		2007	7	16	13:44:52.610	37.3677	138.4682	17.93	3.3	
2007	7	7	23:09:09.970	34.9438	139.2822	12.31	2.8		2007	7	16	13:48:05.280	35.7633	139.7130	79.28	1.9	
2007	7	8	08:44:05.410	33.4328	134.8040	37.53	4.2		2007	7	16	13:53:08.830	37.4633	138.5705	20.64	2.8	
2007	7	8	18:47:15.880	37.2387	138.6732	7.47	3.2		2007	7	16	13:59:05.960	37.4310	138.5272	18.55	2.6	
2007	7	8	20:15:52.350	34.5935	142.0535	38.97	3.9		2007	7	16	14:01:35.560	37.5648	138.6390	21.05	2.3	
2007	7	8	23:31:29.990	34.0198	134.5885	44.63	3.6		2007	7	16	14:06:44.750	37.5120	138.5697	18.75	2.4	
2007	7	9	03:54:00.200	46.8400	155.4800	10.00	5.3	global	2007	7	16	14:08:54.730	37.4908	138.4912	22.84	2.6	
2007	7	9	05:34:05.351	36.5171	138.3361	4.05	0.9	local	2007	7	16	14:13:02.420	37.4545	138.5543	22.55	2.5	
2007	7	9	09:15:48.179	36.5738	138.2886	3.95	1.7	local	2007	7	16	14:15:57.298	36.7818	138.4079	20.29	2.4	local
2007	7	9	15:26:58.220	36.1392	142.1733	76.59	3.1		2007	7	16	14:26:09.360	37.4078	138.4288	19.52	3.3	
2007	7	9	16:00:34.280	37.3243	136.7580	10.04	4.2		2007	7	16	14:34:39.870	37.3862	138.4710	15.08	2.1	
2007	7	9	18:13:22.620	35.8248	137.4978	5.89	1.7		2007	7	16	14:37:16.250	37.5745	138.6093	18.65	2.4	
2007	7	9	22:06:48.340	28.3435	139.0548	540.62	4.6		2007	7	16	14:43:37.390	37.4943	138.6340	22.33	2.5	
2007	7	10	00:53:24.040	37.7402	141.5670	52.73	4.0		2007	7	16	14:54:24.390	37.5462	138.5840	18.11	1.8	
2007	7	10	01:15:42.140	37.2293	137.9880	24.55	3.1		2007	7	16	15:16:12.560	37.3878	138.4657	18.54	3.0	
2007	7	10	02:19:31.590	33.1217	136.9515	37.42	4.1		2007	7	16	15:26:14.140	37.4610	138.5618	18.66	3.1	
2007	7	10	03:56:30.520	33.4273	138.4448	333.00	3.9		2007	7	16	15:33:24.420	37.4973	138.5527	20.22	2.7	
2007	7	10	04:16:33.170	35.6127	139.4783	24.16	1.7		2007	7	16	15:37:40.410	37.5040	138.6445	22.53	5.8	
2007	7	10	05:16:31.120	34.6500	141.9043	47.24	4.0		2007	7	16	15:53:37.400	37.5355	138.5962	17.71	2.4	
2007	7	10	07:05:54.560	35.7450	140.6488	46.37	2.0		2007	7	16	16:06:43.310	37.5195	138.6590	21.97	2.8	
2007	7	10	16:39:49.260	34.5518	139.8090	101.83	3.0		2007	7	16	16:08:33.250	37.4760	138.6227	22.75	2.6	
2007	7	10	18:27:46.260	35.8228	137.4493	8.07	3.1		2007	7	16	16:11:05.760	37.5180	138.6488	21.38	2.6	
2007	7	10	18:51:21.280	35.8220	137.4500	8.05	2.2		2007	7	16	16:12:29.360	37.5975	138.5957	15.86	2.9	
2007	7	10	18:52:44.100	34.6723	141.9132	40.65	3.6		2007	7	16	16:18:01.850	37.5035	138.6480	21.68	2.5	
2007	7	10	23:48:02.370	35.6362	140.0920	64.39	1.7		2007	7	16	16:23:15.970	37.4932	138.5887	20.13	2.5	
2007	7	11	04:46:04.850	35.8215	137.4503	8.28	2.5		2007	7	16	16:26:33.820	37.4777	138.5668	17.94	2.6	
2007	7	12	02:10:18.720	37.0230	137.5720	252.35	4.2		2007	7	16	16:30:11.540	37.4762	138.5672	18.05	3.1	
2007	7	12	05:29:25.970	35.4495	139.1662	19.49	4.2		2007	7	16	16:32:18.670	37.5207	138.6572	21.48	3.5	
2007	7	12	13:19:01.293	36.5859	138.2451	5.63	1.8	local	2007	7	16	16:52:44.470	37.4353	138.5220	15.51	2.1	
2007	7	12	18:57:51.480	36.6697	141.3392	48.94	2.6		2007	7	16	16:54:20.130	37.4795	138.5678	17.37	2.2	
2007	7	12	19:43:55.440	33.9620	135.5105	51.41	3.4		2007	7	16	16:57:04.930	37.4937	138.5437	18.26	2.5	
2007	7	13	14:07:24.900	35.9778	137.5478	10.64	2.5		2007	7	16	17:07:44.980	37.5167	138.5468	16.53	2.0	
2007	7	14	06:09:18.430	34.9755	140.1858	35.60	2.7		2007	7	16	17:13:11.400	37.4648	138.6298	21.76	3.6	
2007	7	14	06:54:43.100	51.8400	-176.2800	35.00	6.0	global	2007	7	16	17:24:19.110	34.2613	135.9473	48.69	4.7	
2007	7	15	01:17:23.350	37.4583	135.8705	358.36	4.2		2007	7	16	17:32:11.700	37.5225	138.6295	20.71	2.4	
2007	7	15	06:05:35.870	36.9740	141.8983	41.37	3.5		2007	7	16	17:36:00.300	37.4232	138.4488	17.78	2.7	
2007	7	15	09:40:02.910	35.9898	139.5553	22.22	2.5		2007	7	16	17:42:25.530	37.4147	138.5568	18.85	4.2	
2007	7	15	18:12:05.360	35.3885	140.4065	56.03	2.8		2007	7	16	17:44:54.330	37.5218	138.5740	19.97	2.6	
2007	7	15	18:27:34.500	-15.3800	168.6000	8.00	6.1	global	2007	7	16	17:48:14.370	37.4758	138.5197	17.53	2.6	
2007	7	15	21:38:20.470	33.3043	140.9838	42.00	3.8		2007	7	16	17:54:06.440	37.5705	138.6272	17.58	2.9	
2007	7	15	22:08:00.800	52.4800	-168.0500	10.00	6.1	global	2007	7	16	18:13:02.710	37.3847	138.4592	17.88	2.0	
2007	7	15	22:33:43.345	36.5501	138.8583	13.09	2.1	local	2007	7	16	18:19:46.130	37.3732	138.5385	21.54	4.4	
2007	7	15	23:04:15.550	35.3605	141.2652	33.21	2.8		2007	7	16	18:49:03.500	37.5195	138.7112	26.37	2.8	
2007	7	16	02:21:14.200	36.1342	140.0930	65.23	2.4		2007	7	16	18:58:16.110	37.4407	138.4645	21.12	3.1	
2007	7	16	05:44:24.557	36.7049	138.9718	28.98	2.0	local	2007	7	16</						

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	7	16	22:51:09.990	37.5255	138.5605	17.35	3.0		2007	7	17	19:09:52.480	37.4402	138.4420	18.84	2.3	
2007	7	16	22:55:35.100	37.5333	138.5595	17.72	3.8		2007	7	17	19:21:56.800	37.3685	138.4893	18.37	2.0	
2007	7	16	23:06:39.870	37.5082	138.5023	18.28	1.9		2007	7	17	19:33:48.824	36.4146	138.5039	-4.71	0.9	local
2007	7	16	23:09:58.520	37.5410	138.5620	17.25	1.7		2007	7	17	19:52:50.030	37.5440	138.6450	18.65	2.1	
2007	7	16	23:11:09.610	37.4655	138.5403	18.47	2.1		2007	7	17	20:07:14.380	37.3833	138.5063	19.94	1.9	
2007	7	16	23:17:01.470	37.4947	138.5287	18.19	1.9		2007	7	17	20:13:17.910	37.5247	138.5978	16.09	2.3	
2007	7	16	23:17:36.960	36.8660	135.1045	373.83	6.7		2007	7	17	20:47:59.200	37.4242	138.5300	19.41	2.3	
2007	7	16	23:30:39.440	37.5257	138.5562	16.53	2.4		2007	7	17	21:22:53.500	37.5172	138.5430	19.53	2.0	
2007	7	16	23:48:40.540	37.4078	138.5292	18.68	2.4		2007	7	17	21:38:12.360	37.4765	138.6165	23.50	2.9	
2007	7	16	23:50:30.970	37.5647	138.6362	14.01	3.1		2007	7	17	21:47:26.370	36.3353	140.5658	60.13	2.4	
2007	7	16	23:52:59.200	37.3753	138.4593	16.89	2.9		2007	7	17	22:56:54.230	37.4530	138.4877	18.41	1.9	
2007	7	16	23:54:23.930	37.5138	138.5425	15.79	2.3		2007	7	17	23:00:08.940	37.5070	138.5610	16.48	1.7	
2007	7	17	00:03:21.780	37.5297	138.5602	18.03	2.2		2007	7	17	23:02:59.650	37.4882	138.5303	18.27	1.8	
2007	7	17	00:31:34.200	37.5000	138.5768	19.78	2.1		2007	7	17	23:59:46.700	37.4407	138.5470	20.18	1.9	
2007	7	17	00:34:28.490	37.4335	138.5278	19.21	3.0		2007	7	18	00:17:58.450	37.3708	138.4820	17.26	1.9	
2007	7	17	00:35:37.190	37.5418	138.5655	17.61	2.7		2007	7	18	00:46:30.580	36.2157	139.7585	57.60	1.5	
2007	7	17	00:39:52.480	37.4930	138.5773	19.06	3.3		2007	7	18	01:02:26.680	37.5292	138.5552	17.33	2.6	
2007	7	17	00:49:51.640	37.4382	138.5413	19.47	2.2		2007	7	18	01:25:22.190	37.5195	138.6320	16.87	2.6	
2007	7	17	01:01:55.940	37.4000	138.4417	17.83	2.3		2007	7	18	01:54:34.960	36.4380	141.1173	46.45	2.8	
2007	7	17	01:07:00.230	37.5180	138.5448	16.57	2.2		2007	7	18	02:47:22.950	37.4910	138.5457	16.90	2.0	
2007	7	17	01:16:49.190	37.5340	138.5588	18.05	2.4		2007	7	18	03:19:57.450	37.6490	138.6285	23.30	2.3	
2007	7	17	01:24:06.610	37.4902	138.5325	18.96	2.1		2007	7	18	03:21:13.930	37.5017	138.6172	16.13	2.3	
2007	7	17	01:29:10.120	37.4788	138.5708	19.00	1.8		2007	7	18	04:42:45.680	37.4133	138.4237	16.45	2.3	
2007	7	17	01:43:15.930	37.5235	138.5457	17.75	2.1		2007	7	18	05:08:01.330	37.4810	138.4937	19.65	2.8	
2007	7	17	01:44:56.060	37.6153	138.6587	25.26	2.2		2007	7	18	05:22:23.810	37.2425	136.7375	5.04	2.5	
2007	7	17	01:55:32.910	37.5772	138.5577	16.65	3.0		2007	7	18	05:27:49.390	37.4295	138.5622	20.92	2.2	
2007	7	17	01:59:15.910	37.4337	138.5167	17.10	2.7		2007	7	18	06:07:46.500	37.4197	138.5443	19.48	1.9	
2007	7	17	02:04:44.190	37.4788	138.5728	18.27	1.7		2007	7	18	08:53:37.920	36.6517	141.3442	46.90	3.0	
2007	7	17	02:08:58.660	37.5225	138.6370	19.89	1.9		2007	7	18	08:57:14.060	37.4432	138.4775	17.87	2.8	
2007	7	17	02:10:51.280	37.5202	138.5803	16.62	3.0		2007	7	18	08:58:43.540	37.5428	138.6327	16.13	2.5	
2007	7	17	02:39:52.680	37.4907	138.5087	24.21	2.2		2007	7	18	09:11:31.680	37.4997	138.5433	19.60	2.0	
2007	7	17	02:55:49.600	37.4885	138.5763	18.85	1.8		2007	7	18	11:37:40.330	37.5107	138.5882	18.46	2.4	
2007	7	17	03:03:36.510	37.4163	138.4393	16.74	3.2		2007	7	18	11:47:54.850	37.4768	138.5693	18.01	3.7	
2007	7	17	03:11:40.140	37.4822	138.5750	18.50	2.2		2007	7	18	12:36:03.720	37.5165	138.5788	20.12	2.2	
2007	7	17	03:19:54.240	37.5040	138.5730	17.61	2.5		2007	7	18	13:00:31.240	37.5085	138.5443	17.38	2.3	
2007	7	17	03:23:09.880	37.4178	138.4390	15.62	2.5		2007	7	18	13:11:38.060	36.8377	137.8465	0.00	2.2	
2007	7	17	03:25:43.010	37.4970	138.5938	17.81	1.8		2007	7	18	15:10:43.490	36.8348	137.8557	0.00	2.1	
2007	7	17	03:34:19.450	37.5338	138.6480	21.39	2.2		2007	7	18	15:53:14.270	37.4573	138.4288	17.24	2.2	
2007	7	17	03:55:39.640	37.5042	138.6165	22.81	2.2		2007	7	18	16:53:05.210	37.4418	138.6153	22.97	4.3	
2007	7	17	04:04:21.560	37.5168	138.6288	17.10	2.7		2007	7	18	17:25:39.770	37.5493	138.6165	16.91	2.7	
2007	7	17	04:07:42.090	37.5230	138.5455	17.28	2.5		2007	7	18	18:24:40.890	37.5248	138.5553	19.42	2.0	
2007	7	17	04:13:55.470	37.3978	138.4398	18.76	2.6		2007	7	18	19:20:57.700	37.5250	138.5630	17.40	2.0	
2007	7	17	04:31:09.530	37.5318	138.5867	19.75	1.8		2007	7	18	19:27:54.160	37.4232	138.4590	17.86	2.4	
2007	7	17	04:45:01.690	37.5287	138.5490	15.95	2.4		2007	7	18	19:40:07.270	37.5025	138.5545	17.61	2.3	
2007	7	17	04:52:09.790	37.4020	138.4395	17.50	2.5		2007	7	18	20:02:55.910	37.4720	138.4935	20.67	3.7	
2007	7	17	05:20:20.850	37.5043	138.6170	15.96	3.2		2007	7	18	20:12:04.450	35.5845	139.4115	22.87	2.4	
2007	7	17	05:23:25.010	37.3912	138.4373	16.88	2.2		2007	7	18	20:20:02.720	37.4177	138.4380	19.39	2.7	
2007	7	17	05:27:05.570	37.4975	138.5698	17.51	2.9		2007	7	18	21:45:43.500	37.4065	138.5232	19.23	2.9	
2007	7	17	05:28:44.960	37.4560	138.5673	19.86	2.5		2007	7	18	21:47:03.250	37.4892	138.5298	17.67	3.0	
2007	7	17	05:31:54.620	36.0313	141.4953	37.29	3.2		2007	7	18	21:54:03.320	37.4307	138.4332	25.75	2.1	
2007	7	17	05:40:52.870	37.4760	138.5647	17.70	2.1		2007	7	18	22:22:58.700	37.5145	138.5423	17.21	1.9	
2007	7	17	05:48:45.980	37.5067	138.5517	18.05	2.8		2007	7	18	22:56:04.980	37.4555	138.6215	22.66	1.9	
2007	7	17	05:55:16.820	37.5427	138.6652	19.61	2.3		2007	7	18	23:30:10.030	37.4885	138.5480	18.40	2.2	
2007	7	17	06:19:07.050	37.5337	138.6587	19.82	3.1		2007	7	18	23:33:38.120	37.4810	138.5752	18.44	2.8	
2007	7	17	06:24:59.810	37.5217	138.5762	17.78	2.0		2007	7	19	00:37:55.360	37.5432	138.5285	17.81	2.5	
2007	7	17	06:42:14.570	37.5142	138.5703	17.12	2.1		2007	7	19	01:14:33.840	37.3942	138.5093	16.88	1.9	
2007	7	17	06:58:37.880	37.4757	138.4913	20.93	2.1		2007	7	19	02:07:35.850	35.9858	139.5573	22.76	2.4	
2007	7	17	07:08:00.240	37.4177	138.4672	17.91	2.0		2007	7	19	03:01:21.460	30.7395	138.8978	423.59	5.3	
2007	7	17	07:11:15.200	37.4987	138.5403	18.06	1.9		2007	7	19	03:52:30.410	37.5133	138.5247	19.72	2.0	
2007	7	17	07:18:25.420	37.4953	138.5373	19.20	2.0		2007	7	19	04:13:30.750	36.0268	140.0763	61.76	1.3	
2007	7	17	08:19:30.880	37.4563	138.4377	13.09	2.2		2007	7	19	04:38:06.090	37.4872	138.6275	22.89	2.1	
2007	7	17	08:21:24.650	37.5713	138.6095	17.73	2.2		2007	7	19	04:53:45.480	37.5412	138.5923	15.96	1.7	
2007	7	17	08:24:20.610	37.5550	138.5888	15.26	1.9		2007	7	19	05:44:23.240	37.5138	138.5410	18.22	2.2	
2007	7	17	08:30:04.780	37.5075	138.5072	22.80	2.3		2007	7	19	06:59:07.690	37.5722	138.6098	22.76	1.9	
2007	7	17	08:39:42.640	37.5220	138.5503	19.32	3.5		2007	7	19	07:03:40.780	37.0042	141.7670	51.58	3.8	
2007	7	17	08:48:48.250	37.5430	138.5980	15.76	2.5		2007	7	19	07:46:06.310	37.5010	138.5755	18.22	2.7	
2007	7	17	09:10:11.110	37.5390	138.5890	16.70	2.4		2007	7	19	08:15:14.970	37.4982	138.6253	15.19	1.8	
2007	7	17	09:27:10.680	37.5155	138.5497	18.57	2.5		2007	7	19	08:17:19.160	37.0108	141.7693	47.57	3.5	
2007	7	17	09:50:40.810	37.4333	138.51												

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	7	19	23:08:54.600	37.5378	138.6010	14.46	2.1		2007	7	23	00:57:54.120	35.0165	136.8568	13.00	2.9	
2007	7	19	23:36:48.575	36.5318	138.1156	6.37	1.3	local	2007	7	23	01:13:26.150	37.4335	138.1567	22.11	2.5	
2007	7	19	23:58:01.910	37.4225	138.4582	17.92	2.2		2007	7	23	01:43:26.820	37.4400	138.1530	22.93	1.4	
2007	7	20	01:12:34.240	36.5620	140.3618	60.40	2.6		2007	7	23	03:12:04.970	37.5247	138.5427	18.19	2.0	
2007	7	20	01:16:52.830	37.3700	138.4883	18.24	1.9		2007	7	23	05:41:54.640	37.4353	138.1565	21.76	3.2	
2007	7	20	01:52:05.390	37.4527	138.5578	19.38	4.2		2007	7	23	06:09:44.180	37.4917	138.5142	18.08	2.6	
2007	7	20	02:33:34.100	34.6995	137.8973	13.07	3.9		2007	7	23	06:16:27.970	37.4987	138.6298	15.16	3.0	
2007	7	20	02:38:00.800	34.6948	137.8965	12.74	3.1		2007	7	23	07:01:37.890	37.5857	138.5787	14.69	2.4	
2007	7	20	03:14:32.120	37.5080	138.5845	18.50	2.6		2007	7	23	09:10:09.590	36.3138	140.0308	72.39	2.6	
2007	7	20	04:50:26.060	37.5397	138.6840	10.14	1.8		2007	7	23	09:15:06.570	35.8873	140.2447	37.75	1.1	
2007	7	20	06:22:11.770	37.2873	138.2227	18.27	2.8		2007	7	23	13:24:29.100	37.4505	138.4963	18.28	3.0	
2007	7	20	08:50:46.250	37.0377	136.4330	8.62	3.6		2007	7	23	14:14:35.900	35.8242	140.0775	38.30	2.3	
2007	7	20	08:58:45.490	37.0372	136.4387	9.29	4.1		2007	7	23	14:36:10.090	37.4012	138.4937	19.50	2.4	
2007	7	20	10:11:11.190	37.5718	138.6122	17.19	2.2		2007	7	23	14:38:04.600	35.2130	141.4905	46.73	3.2	
2007	7	20	13:50:01.540	36.0433	141.2747	46.68	3.6		2007	7	23	17:10:46.250	35.6637	140.0297	71.34	3.2	
2007	7	20	14:02:03.610	37.3737	138.4832	17.97	2.5		2007	7	23	17:38:57.040	35.8113	138.7613	11.57	1.3	
2007	7	20	14:19:35.240	37.4938	138.5140	19.15	3.3		2007	7	23	18:46:36.370	37.5078	138.5395	14.68	2.1	
2007	7	20	14:33:33.120	37.4993	138.5108	20.39	1.9		2007	7	23	19:03:52.710	37.5557	138.6352	21.18	1.7	
2007	7	20	15:10:47.610	37.5258	138.5450	19.86	2.0		2007	7	23	20:55:23.720	35.8863	140.1408	47.55	2.0	
2007	7	20	16:07:12.590	35.7738	139.4182	100.81	2.0		2007	7	23	21:52:17.160	37.5053	138.7395	26.42	2.3	
2007	7	20	16:58:46.860	37.4223	138.5247	19.15	1.8		2007	7	23	22:30:54.690	37.4853	138.5238	15.66	1.5	
2007	7	20	17:15:22.830	34.7275	139.3135	3.90	4.4		2007	7	23	22:40:02.200	23.6700	121.6300	40.60	5.2	global
2007	7	20	17:17:27.380	34.7455	139.3033	0.00	3.4		2007	7	24	02:28:51.410	37.5137	138.5443	14.38	1.9	
2007	7	20	18:17:54.640	37.5343	138.6830	9.83	2.0		2007	7	24	02:41:50.710	37.5833	138.5793	14.88	3.0	
2007	7	20	18:55:41.440	37.4915	138.5958	15.38	1.8		2007	7	24	02:56:44.740	36.5165	140.5608	54.79	3.0	
2007	7	20	19:32:51.690	35.5263	138.9855	20.11	2.5		2007	7	24	10:37:17.790	37.4462	138.4750	17.72	2.4	
2007	7	20	19:57:36.410	34.7287	139.2758	0.00	2.6		2007	7	24	12:39:51.440	35.3092	139.0700	13.55	2.5	
2007	7	20	20:11:00.470	37.4762	138.5015	19.23	1.9		2007	7	24	15:51:53.170	37.3982	138.5370	18.70	3.5	
2007	7	20	20:41:46.410	37.1562	136.4890	9.14	3.1		2007	7	24	16:53:25.920	35.5680	140.1527	76.90	3.3	
2007	7	20	21:21:43.800	34.1868	140.1537	49.16	2.9		2007	7	24	17:21:38.580	37.5140	138.5457	15.04	1.6	
2007	7	20	21:47:11.000	37.4988	138.6310	15.47	3.2		2007	7	24	19:40:59.940	37.1097	138.7050	9.62	1.7	
2007	7	20	21:54:43.950	37.4480	138.5693	19.50	3.6		2007	7	24	19:48:43.460	37.5275	138.5578	16.93	2.3	
2007	7	20	22:13:32.890	34.7295	139.3085	3.62	3.2		2007	7	24	20:41:27.400	37.4843	138.5770	17.11	2.4	
2007	7	20	22:20:22.910	34.7262	139.3035	0.00	2.5		2007	7	24	23:30:13.780	37.3955	138.4358	17.96	2.4	
2007	7	20	23:10:13.130	34.7317	139.2895	0.00	3.0		2007	7	25	00:35:00.180	37.4215	138.5542	17.04	2.4	
2007	7	21	01:01:06.670	37.3820	138.3720	19.93	3.0		2007	7	25	01:13:12.910	36.0505	137.5190	6.37	2.4	
2007	7	21	01:49:00.510	37.3978	138.5468	19.66	2.5		2007	7	25	04:55:11.600	35.0895	142.4925	53.00	3.7	
2007	7	21	02:05:28.870	37.5057	138.5798	15.08	2.2		2007	7	25	06:52:04.040	37.5328	138.7212	24.21	4.8	
2007	7	21	03:05:42.860	37.3930	138.4377	17.50	2.9		2007	7	25	07:27:04.300	37.5287	138.7168	23.60	3.5	
2007	7	21	04:21:08.160	34.7347	139.2960	0.00	3.0		2007	7	25	10:14:10.850	37.5318	138.7188	23.58	2.4	
2007	7	21	04:29:27.750	36.6880	139.3348	6.72	2.0		2007	7	25	10:46:14.160	37.5050	138.7445	26.24	2.4	
2007	7	21	04:48:07.780	37.4935	138.5338	18.80	2.0		2007	7	25	11:25:33.762	36.6803	138.2201	9.12	1.5	local
2007	7	21	07:36:16.220	37.4982	138.5283	17.39	2.3		2007	7	25	17:23:47.484	36.6114	138.3473	4.01	1.3	local
2007	7	21	09:32:42.090	37.5727	138.6367	16.78	3.3		2007	7	25	17:25:18.000	35.9105	137.6710	9.23	1.9	
2007	7	21	09:52:39.990	38.6017	141.4182	67.89	3.7		2007	7	25	22:45:05.030	37.4995	138.7378	25.60	1.3	
2007	7	21	10:05:24.980	37.5287	138.5948	16.82	2.1		2007	7	26	01:17:56.010	35.5832	137.3262	6.03	2.1	
2007	7	21	10:20:35.450	37.5772	138.5570	18.02	2.2		2007	7	26	02:16:50.080	37.5033	138.7407	27.12	1.5	
2007	7	21	12:07:24.130	37.5458	138.7122	19.50	1.8		2007	7	26	03:12:06.030	37.4058	138.4555	16.31	1.8	
2007	7	21	12:13:39.270	35.2148	137.1995	43.52	3.0		2007	7	26	03:58:25.760	34.9472	138.1885	19.14	2.7	
2007	7	21	13:43:34.950	37.4143	138.4662	18.63	2.1		2007	7	26	08:40:42.650	36.8223	138.7434	4.01	1.7	local
2007	7	21	14:53:24.890	37.4135	138.5230	19.14	1.8		2007	7	26	11:21:28.250	35.2108	141.1867	29.16	3.2	
2007	7	21	16:29:19.810	37.4025	138.5295	18.77	1.7		2007	7	26	12:27:56.820	27.8737	140.2027	489.26	4.5	
2007	7	21	16:30:09.230	37.5567	138.6087	17.83	2.2		2007	7	26	13:27:10.120	37.5027	138.5918	18.88	1.9	
2007	7	21	16:36:09.260	36.5442	140.8673	51.12	4.2		2007	7	26	13:48:48.660	37.4493	138.5388	18.41	2.3	
2007	7	21	16:42:47.180	35.8380	139.0883	125.94	2.0		2007	7	26	14:40:16.100	2.8700	127.4600	25.00	6.9	global
2007	7	21	18:10:39.520	37.4843	138.5233	18.16	1.9		2007	7	26	18:48:25.500	37.4140	138.5237	17.74	1.6	
2007	7	21	22:27:04.400	-8.1300	-71.2700	644.90	6.0	global	2007	7	26	19:10:26.270	37.4658	138.4870	20.25	1.9	
2007	7	22	00:47:37.670	37.4808	138.5258	17.51	1.8		2007	7	26	19:56:54.660	37.4083	138.4460	10.12	1.4	
2007	7	22	01:26:35.930	36.0488	137.5573	4.31	1.6		2007	7	26	21:33:48.320	35.1023	139.7290	129.83	2.7	
2007	7	22	03:26:00.890	37.5590	138.5858	16.17	1.4		2007	7	26	22:26:34.020	37.4458	138.4765	18.04	1.9	
2007	7	22	04:48:06.720	36.7048	139.2877	127.02	1.5		2007	7	27	02:15:55.490	37.5408	138.5837	18.19	2.2	
2007	7	22	06:18:41.550	34.7382	139.3020	0.63	2.4		2007	7	27	03:24:55.910	37.3843	138.4645	16.52	1.8	
2007	7	22	06:24:13.560	36.0028	139.6522	54.84	2.5		2007	7	27	05:55:51.740	37.4773	138.5873	19.52	2.1	
2007	7	22	07:09:03.370	37.4535	138.5533	18.52	2.6		2007	7	27	06:06:28.610	37.4612	138.5585	18.12	1.8	
2007	7	22	08:39:22.960	36.3067	141.0325	45.04	2.7		2007	7	27	09:28:53.760	36.0848	139.8038	75.82	2.2	
2007	7	22	09:01:27.010	37.4177	138.4527	16.77	2.0		2007	7	27	12:28:27.190	35.9887	139.4452	87.12	2.7	
2007	7	22	09:26:06.280	37.5405	138.6088	14.81	2.0		2007	7	27	12:54:12.200	37.4167	138.5252	17.89	2.1	
2007	7	22	10:40:26.560	36.0623	139.0663	10.25	2.4	local	2007	7	27	14:05:13.030	37.0508	136.4313	7.02	3.6	
2007	7	22	10:48:31.540	37.5058	138.5583	17.38	1.7		2007	7							

浅間山の大学合同稠密地震観測（2005年7月-2007年7月）

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t	Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	7	29	15:37:15.310	37.3753	138.4597	14.94	1.9		2007	8	7	12:56:29.290	36.1315	140.0817	64.62	2.0	
2007	7	29	20:09:43.280	38.2148	144.7043	54.00	3.5		2007	8	7	15:04:44.250	33.2670	138.2467	326.39	3.6	
2007	7	29	20:49:08.960	34.2808	137.8117	24.37	2.5		2007	8	7	21:54:25.970	37.5752	140.7768	78.73	2.6	
2007	7	29	20:52:02.130	37.4348	138.5130	17.59	2.3		2007	8	7	23:02:59.250	36.0105	139.9135	100.52	2.5	
2007	7	29	23:19:27.540	37.4763	138.4970	17.95	1.9		2007	8	8	02:50:24.190	37.5415	138.6907	9.75	1.8	
2007	7	29	23:46:28.030	37.4150	138.4403	18.80	1.6		2007	8	8	04:40:53.020	37.4677	138.4845	16.16	1.8	
2007	7	30	00:09:32.870	36.6808	137.7400	0.00	2.0		2007	8	8	05:27:52.580	37.5588	138.6158	16.30	2.0	
2007	7	30	03:21:24.230	37.3795	138.4628	18.25	1.8		2007	8	8	05:45:41.930	35.9383	137.6242	9.56	1.7	
2007	7	30	03:33:16.540	37.4085	138.5177	16.40	1.8		2007	8	8	09:10:52.490	36.1010	139.8542	49.00	2.7	
2007	7	30	05:43:11.730	34.2975	142.0335	46.09	4.2		2007	8	8	14:06:30.220	37.4172	138.5290	19.26	2.1	
2007	7	30	06:54:06.990	37.4048	138.5163	16.05	2.0		2007	8	8	18:09:27.700	51.9300	155.6100	225.80	5.1	global
2007	7	30	07:03:11.360	37.3895	138.6158	17.83	2.2		2007	8	8	20:55:40.240	35.5103	138.9468	18.45	2.0	
2007	7	30	07:54:56.090	37.4057	138.5343	19.59	2.1		2007	8	8	21:27:21.030	37.6523	140.8123	77.02	3.7	
2007	7	30	12:34:26.060	37.5117	138.5868	16.28	1.9		2007	8	8	23:02:29.030	37.3768	138.4545	18.33	3.4	
2007	7	30	13:18:45.530	36.3257	139.1967	10.36	1.3		2007	8	8	23:13:31.230	36.0717	139.8680	52.29	1.9	
2007	7	30	17:46:07.380	37.4742	138.5067	15.20	2.1		2007	8	9	00:19:42.760	27.3110	128.4443	44.39	5.1	
2007	7	30	22:21:38.230	37.5438	138.6278	13.27	2.3		2007	8	9	01:46:12.522	36.5120	138.9189	4.29	1.6	local
2007	7	30	22:52:18.180	37.5077	138.5475	15.31	1.9		2007	8	9	02:04:57.800	-5.9300	107.6800	291.20	7.5	global
2007	7	30	23:15:55.230	37.4188	138.5470	18.11	1.8		2007	8	9	03:38:28.140	37.3718	141.1870	80.98	3.2	
2007	7	31	04:51:46.040	37.4733	142.2120	27.14	3.4		2007	8	9	05:16:33.380	37.3648	138.4570	17.88	2.8	
2007	7	31	05:59:24.280	37.4080	138.5302	18.40	2.3		2007	8	9	11:44:30.610	34.9073	139.5183	110.04	3.4	
2007	7	31	06:40:29.050	37.4863	138.5137	16.33	2.0		2007	8	9	15:39:40.220	36.7153	141.2380	43.44	3.4	
2007	7	31	06:50:24.430	37.4875	138.5142	16.09	2.2		2007	8	9	19:03:43.930	35.9370	137.6243	9.94	2.0	
2007	7	31	07:08:10.520	37.4868	138.5152	18.22	1.9		2007	8	9	21:01:09.502	36.5951	138.2962	28.41	1.9	local
2007	7	31	07:33:17.120	37.5033	138.5827	17.51	2.2		2007	8	9	21:48:47.390	37.5693	138.4785	18.79	3.0	
2007	7	31	09:06:40.120	37.4875	138.5647	16.32	2.3		2007	8	9	23:43:39.020	36.5913	139.8422	96.63	2.0	
2007	7	31	19:19:56.830	37.4910	138.5232	16.60	1.7		2007	8	10	02:04:40.780	37.3955	138.5470	18.48	3.2	
2007	7	31	19:40:21.150	37.4995	138.5045	16.73	2.1		2007	8	10	05:30:33.710	33.4077	138.4082	314.62	3.6	
2007	7	31	20:07:30.780	37.5042	138.5122	17.07	1.9		2007	8	10	08:08:41.070	37.3922	138.5578	17.20	2.0	
2007	7	31	20:37:20.580	35.9442	137.6482	8.85	1.8		2007	8	10	09:28:48.580	37.5617	138.5983	18.28	2.8	
2007	7	31	21:58:28.430	28.2408	139.2978	532.08	5.6		2007	8	10	09:52:03.200	37.3515	138.3100	19.65	2.3	
2007	8	1	00:07:31.060	27.3898	126.7128	5.65	6.1		2007	8	10	12:21:49.910	35.4055	140.4427	54.56	2.1	
2007	8	1	03:13:40.070	37.4703	138.5773	18.38	1.8		2007	8	10	13:13:45.770	35.9785	140.1653	61.21	2.0	
2007	8	1	07:16:57.880	37.4055	138.5267	15.61	2.5		2007	8	10	17:56:06.650	37.5048	138.5465	15.86	2.0	
2007	8	1	12:50:00.440	27.3403	126.7373	5.00	3.4		2007	8	10	20:47:00.200	46.5500	153.1500	10.00	5.2	global
2007	8	1	16:14:42.650	37.4442	138.4623	17.44	2.3		2007	8	10	23:50:22.010	37.5803	138.5865	16.64	1.9	
2007	8	1	17:15:58.900	33.9908	136.7677	383.35	5.5		2007	8	11	01:57:11.010	37.5675	138.6288	16.72	2.4	
2007	8	1	20:00:40.390	36.4133	141.0370	46.67	3.9		2007	8	11	01:58:43.090	37.5638	138.6258	16.80	2.1	
2007	8	1	21:57:29.460	37.3882	138.5092	19.64	1.7		2007	8	11	03:12:36.860	34.9110	137.9528	32.11	1.3	
2007	8	2	02:08:51.400	-15.6000	167.6800	120.00	7.2	global	2007	8	11	04:31:45.380	37.4728	138.5800	15.63	1.7	
2007	8	2	07:30:56.500	36.0140	140.0903	62.97	2.4		2007	8	11	05:39:54.750	37.4475	138.4698	17.94	2.0	
2007	8	2	09:00:53.140	36.0213	139.9028	54.69	2.2		2007	8	11	07:04:41.020	37.2897	136.7412	7.56	3.4	
2007	8	2	12:21:42.800	51.3100	-179.9700	21.00	6.7	global	2007	8	11	07:34:35.480	37.2827	138.2692	214.99	2.4	
2007	8	2	14:24:25.450	25.5477	128.3377	46.00	2.6		2007	8	11	12:15:23.350	37.6713	137.4225	12.48	4.0	
2007	8	2	16:26:47.630	37.5257	138.5552	15.15	2.0		2007	8	11	15:28:10.150	35.2520	135.7732	13.31	3.4	
2007	8	2	17:07:52.920	35.8250	137.4367	8.10	2.2		2007	8	11	16:17:12.420	35.2527	135.7723	13.17	3.3	
2007	8	2	19:37:58.370	40.5542	139.6697	191.86	3.5		2007	8	11	16:36:37.610	37.3682	138.3752	17.46	3.2	
2007	8	3	00:11:43.000	-21.5600	-179.3600	617.70	5.6	global	2007	8	11	23:17:36.460	37.3495	138.5167	13.06	2.0	
2007	8	3	01:28:11.260	37.5457	138.6273	12.64	2.0		2007	8	12	03:04:53.100	-22.2600	-179.4900	606.20	5.7	global
2007	8	3	03:02:00.000	2.5100	126.9500	10.00	5.6	global	2007	8	12	06:12:10.100	35.2418	138.4140	18.01	2.0	
2007	8	3	06:59:39.520	37.5498	138.6152	16.03	1.8		2007	8	12	09:56:46.160	37.5563	141.6757	44.87	4.1	
2007	8	3	11:01:16.300	37.3817	138.5183	20.21	4.1		2007	8	12	14:19:13.840	35.3967	140.4290	53.47	2.7	
2007	8	3	13:33:35.960	37.3748	138.3583	18.34	2.3		2007	8	12	21:05:19.900	-11.3800	166.2700	42.00	6.0	global
2007	8	3	17:29:07.090	37.1965	138.2222	14.75	3.3		2007	8	12	21:23:59.550	38.8747	141.5828	76.66	3.3	
2007	8	3	17:40:23.180	37.1985	138.2287	14.29	2.3		2007	8	13	05:06:10.440	37.4817	138.5083	17.27	1.3	
2007	8	3	18:45:02.760	37.4408	138.5483	17.84	2.4		2007	8	13	05:54:03.050	35.6563	138.0920	15.84	2.1	
2007	8	4	00:16:21.960	37.4202	138.5373	17.88	3.2		2007	8	13	08:35:20.830	36.1780	137.7600	236.94	2.5	
2007	8	4	00:23:18.670	37.4350	138.4403	18.34	2.0		2007	8	13	09:30:31.440	35.3387	140.5467	25.80	3.1	
2007	8	4	01:24:55.330	35.2667	136.9573	43.00	2.9		2007	8	13	11:16:23.800	35.3387	140.5475	24.93	2.7	
2007	8	4	01:40:21.140	37.3952	138.5443	19.34	2.2		2007	8	13	12:34:12.750	38.3093	141.8937	46.15	3.8	
2007	8	4	01:57:42.460	37.5490	138.5530	16.46	2.2		2007	8	13	14:57:35.300	36.1514	139.0364	12.66	1.4	local
2007	8	4	02:13:04.380	36.9163	141.1820	48.73	4.2		2007	8	13	17:47:38.860	37.0675	136.4460	1.09	3.2	
2007	8	4	02:23:45.580	36.9158	141.1825	48.64	3.9		2007	8	13	18:23:09.500	35.4793	140.0095	102.88	1.8	
2007	8	4	07:39:36.380	37.4010	138.4650	16.92	2.1		2007	8	13	18:53:37.915	36.6060	138.3167	4.02	0.9	local
2007	8	4	09:22:26.830	35.8697	140.8620	37.41	3.6		2007	8	13	19:21:56.310	35.3745	140.5130	24.22	2.5	
2007	8	4	17:03:29.280	38.9512	141.6763	68.59	4.0		2007	8	13	19:48:02.530	35.8605	138.7985	7.29	1.5	
2007	8	5	03:27:00.180	37.5413	138.5983	14.23	2.0		2007	8	13	19:54:49.230	35.0098	141.5193	55.88	2.6	
2007	8	5	06:57:14.510	37.5442	138.6272	12.91	2.9		2007	8	13	21:26:27.640	35.3712	140.4867	26.26	2.4	
2007	8	5	18:28:40.400	-19.1500	168.7200	45.10	5.9	global	2007								

Table 2. (Continued)

Year	Month	Date	Origin Time	Latitude (degree)	Longitude (degree)	Depth (km)	Magnitud e	Commen t
2007	8	16	04:15:06.640	35.4437	140.5305	30.77	5.3	
2007	8	16	04:29:22.770	37.5543	138.6235	17.48	2.1	
2007	8	16	04:59:21.650	35.4105	140.5558	26.47	2.0	
2007	8	16	05:04:13.250	35.4115	140.5537	27.87	4.0	
2007	8	16	05:28:35.070	35.3952	140.5302	24.87	1.1	
2007	8	16	06:55:59.280	36.0987	139.6823	84.90	2.0	
2007	8	16	07:16:31.620	35.7623	138.2105	14.84	2.0	
2007	8	16	07:21:57.910	35.4510	140.5143	27.79	2.2	
2007	8	16	07:41:13.730	35.3930	140.5482	28.47	4.0	
2007	8	16	07:47:43.070	35.3977	140.5590	26.92	4.4	
2007	8	16	08:20:32.600	35.4055	140.5498	28.85	4.9	
2007	8	16	08:29:57.970	35.3887	140.5532	26.45	3.4	
2007	8	16	08:32:31.600	35.3520	140.5660	24.33	4.4	
2007	8	16	08:40:03.990	35.3947	140.4820	26.62	2.5	
2007	8	16	09:22:11.920	35.3922	140.5505	27.56	4.7	
2007	8	16	16:45:17.050	35.4350	140.5245	27.93	2.7	
2007	8	16	17:34:52.600	37.5075	138.5363	15.59	2.1	
2007	8	16	17:39:27.600	-9.8300	159.4700	10.00	6.5	global
2007	8	16	18:30:21.990	37.3870	138.4540	17.51	2.0	
2007	8	16	18:33:06.420	37.4938	138.5695	17.59	1.5	
2007	8	16	23:37:40.980	37.3767	138.4700	18.59	1.8	
2007	8	17	00:22:02.560	35.3412	140.3445	22.49	4.4	
2007	8	17	00:25:47.740	35.3375	140.3322	21.42	3.4	
2007	8	17	00:41:11.540	36.2143	138.6617	152.00	2.6	
2007	8	17	02:10:06.130	37.0787	139.9007	10.99	3.6	
2007	8	17	02:19:00.800	37.4902	138.5152	16.10	2.0	
2007	8	17	02:38:04.250	37.0772	139.9002	10.72	2.7	
2007	8	17	05:37:44.030	36.4495	141.5720	55.79	2.7	
2007	8	17	06:11:56.420	37.0948	138.4220	15.44	1.3	

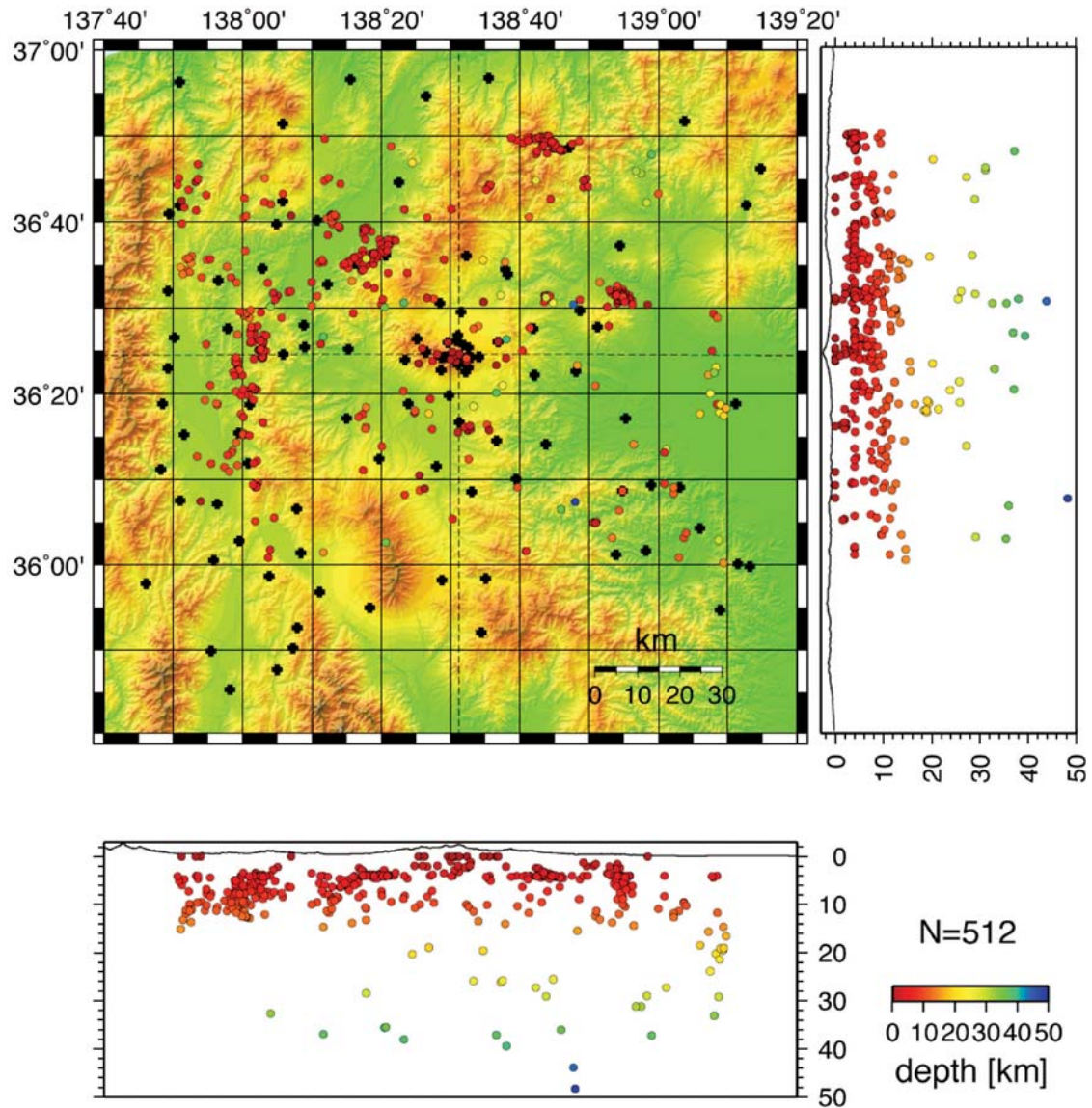


Fig. 4. A distribution of hypocenters occurring around Mt. Asama volcano between July 2005 and July 2007.

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(Received March 27, 2009)

(Accepted July 2, 2009)