

[http://earthquake.usgs.gov/earthquakes/recenteqsww/Maps/ortho/90\\_0\\_eqs.php](http://earthquake.usgs.gov/earthquakes/recenteqsww/Maps/ortho/90_0_eqs.php)

[http://earthquake.usgs.gov/earthquakes/recenteqsww/Maps/ortho/90\\_0.php](http://earthquake.usgs.gov/earthquakes/recenteqsww/Maps/ortho/90_0.php)

USGS Website March 12, 2011

Earthquake List for Hemisphere Map Centered at 0°N, 90°E

Update time = Sat Mar 12 19:25:14 UTC 2011

Here is a list of the earthquakes located by the USGS and contributing networks for the Hemisphere Map Centered at 0°N, 90°E. Most recent events are at the top. (Some early events may be obscured by later ones on the map.) Click on the date portion of an earthquake record in the list below for more information.

MAG UTC DATE-TIME

y/m/d h:m:s LAT

deg LON

deg DEPTH

km Region

MAP 4.8	2011/03/12 18:38:37	37.805	143.349	25.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 18:09:14	37.321	141.367	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 17:59:56	37.474	143.799	20.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 17:51:27	38.003	143.881	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 17:48:13	37.381	143.491	24.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 17:40:56	38.728	142.512	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.0	2011/03/12 17:19:23	36.573	142.645	4.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 17:11:09	38.051	144.071	29.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 17:01:22	37.701	143.353	38.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 16:55:41	38.102	143.701	25.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 16:48:13	37.822	141.935	26.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 16:38:44	38.067	144.066	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 16:36:41	38.123	143.860	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 16:22:14	37.891	144.831	34.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 16:19:04	38.426	143.940	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 16:07:38	39.076	142.684	36.6	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 4.8	2011/03/12 16:03:56	37.259	142.116	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 14:53:20	37.569	143.805	24.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/12 14:43:09	39.471	142.406	21.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/12 14:35:00	35.784	141.660	24.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 14:14:55	35.768	140.560	24.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/12 14:03:30	38.843	142.592	24.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 13:57:12	36.439	141.926	24.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/12 13:26:56	39.381	142.423	25.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.4	2011/03/12 13:15:41	37.261	141.175	37.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/12 12:53:50	37.754	143.573	19.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 12:50:28	37.834	143.856	24.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 12:43:13	37.398	143.776	35.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 12:27:17	39.721	144.505	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 12:15:30	39.789	142.586	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 12:06:56	40.058	141.980	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/12 11:46:01	35.761	141.656	17.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 11:39:05	37.626	142.805	24.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 11:20:16	38.735	142.462	24.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 11:04:59	37.913	143.740	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/12 10:53:30	39.075	142.352	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 10:49:24	37.483	143.225	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 10:39:12	36.749	141.799	31.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/12 10:34:49	37.846	144.377	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/12 10:20:21	37.197	143.483	25.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 10:06:11	37.185	143.481	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 10:00:26	35.984	141.794	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 09:51:35	-3.790	151.443	10.0	NEW IRELAND REGION, PAPUA NEW GUINEA
MAP 4.9	2011/03/12 09:47:58	38.351	142.298	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.1	2011/03/12 09:40:43	38.867	142.829	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 09:27:12	37.436	143.716	25.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/12 09:18:56	37.141	143.496	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 09:05:32	38.444	144.305	28.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 09:00:02	37.328	143.591	41.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.6	2011/03/12 08:58:24	37.100	143.532	34.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 08:52:50	37.221	143.659	38.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 08:45:29	-7.239	129.151	186.4	KEPULAUAN BABAR, INDONESIA
MAP 4.8	2011/03/12 08:38:03	38.370	141.801	27.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 08:30:21	38.194	142.766	28.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.6	2011/03/12 08:22:07	36.131	141.772	30.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 08:13:41	39.343	142.989	26.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 07:54:09	36.064	141.496	31.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 07:50:53	38.537	146.425	14.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 07:46:42	37.785	143.660	34.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 07:38:05	38.676	144.429	29.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 07:30:18	35.943	141.348	30.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 07:21:00	36.069	141.321	29.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 07:18:52	39.116	144.638	12.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 07:13:35	37.452	142.050	25.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 07:07:31	38.363	142.164	29.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 07:02:20	36.916	143.456	30.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.5	2011/03/12 06:53:52	37.905	144.643	40.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 06:49:11	38.673	142.579	23.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 06:44:00	36.613	140.767	31.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 06:39:26	37.604	142.774	44.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 06:36:00	39.636	143.436	28.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 06:29:09	39.237	142.381	30.5	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.5	2011/03/12 06:18:43	39.235	142.377	36.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/12 06:10:43	38.594	143.753	10.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 06:10:22	37.197	143.710	35.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 06:00:25	36.415	141.714	29.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 05:58:59	37.759	143.963	37.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 05:14:50	36.811	140.375	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/12 04:52:57	40.123	143.287	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 04:47:18	35.969	141.416	26.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 04:43:03	35.983	141.347	25.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/12 04:37:21	36.268	140.997	25.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 04:06:09	38.902	141.792	25.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/12 04:04:48	-2.994	139.126	48.3	NEAR THE NORTH COAST OF PAPUA, INDONESIA
MAP 5.1	2011/03/12 03:54:48	35.838	141.275	26.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/12 03:34:46	35.257	140.973	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/12 03:29:28	37.929	144.671	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 03:21:44	37.924	143.923	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/12 03:11:59	35.950	141.407	24.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/12 03:01:48	39.612	142.770	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/12 02:47:35	37.617	143.696	25.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 02:43:10	39.170	142.342	25.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 02:34:04	36.738	141.411	22.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 02:27:49	37.941	144.496	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 02:13:51	37.569	143.738	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/12 02:07:21	37.825	143.207	24.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 02:04:55	36.739	141.512	25.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/12 01:59:43	37.522	142.783	24.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.8	2011/03/12 01:47:16	37.588	142.682	24.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.2	2011/03/12 01:46:20	37.354	141.998	25.4	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.2	2011/03/12 01:43:20	36.321	141.753	27.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.0	2011/03/12 01:34:10	38.748	142.853	24.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/12 01:25:04	36.425	141.605	27.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/12 01:17:01	38.095	142.702	24.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/12 01:12:16	37.118	140.535	54.5	EASTERN HONSHU, JAPAN
MAP 5.1	2011/03/12 01:03:59	37.939	141.556	26.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/12 00:45:09	36.041	141.815	23.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 00:39:37	37.317	142.450	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 00:25:08	37.803	141.894	29.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/12 00:21:24	36.475	143.586	24.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11 23:59:21	36.499	141.441	22.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11 23:58:03	38.460	143.530	29.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11 23:53:28	38.858	142.452	25.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11 23:40:11	37.073	143.529	25.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11 23:31:22	33.728	143.855	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11 23:26:50	39.178	142.709	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11 23:21:22	39.161	143.296	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11 23:05:14	39.732	141.850	65.0	EASTERN HONSHU, JAPAN
MAP 5.4	2011/03/11 22:54:28	36.494	142.267	25.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11 22:51:18	37.806	144.967	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11 22:42:58	37.627	143.801	27.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11 22:36:56	37.097	143.796	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.6	2011/03/11 22:29:42	38.285	142.636	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11 22:22:35	39.180	142.917	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/11 22:08:13	40.152	142.219	47.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11 21:41:57	37.279	142.351	10.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/11 21:34:25	37.401	141.236	37.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11 21:00:45	39.048	142.477	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.1	2011/03/11	20:41:24	37.675	143.698	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	20:36:10	37.838	142.847	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	20:34:40	36.993	140.985	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	20:23:43	35.818	141.583	24.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.3	2011/03/11	20:11:22	39.025	142.645	8.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.6	2011/03/11	19:46:49	40.472	139.070	10.0	NEAR THE WEST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	19:45:24	37.653	141.548	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	19:31:56	36.962	138.367	10.3	EASTERN HONSHU, JAPAN
MAP 5.5	2011/03/11	19:24:28	35.770	140.639	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/11	19:02:58	39.372	142.900	24.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.2	2011/03/11	18:59:15	37.037	138.355	10.0	NEAR THE WEST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	18:55:14	35.814	141.657	24.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	18:44:06	36.858	141.029	25.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	18:43:13	40.139	143.061	89.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	18:39:33	37.916	143.055	1.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11	18:17:05	36.218	141.685	25.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/11	18:11:24	37.118	142.160	13.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/11	18:02:38	36.793	143.212	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	17:50:01	37.648	144.991	25.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11	17:32:13	37.137	144.572	24.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	17:30:47	37.418	141.099	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	17:23:57	36.015	141.888	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	17:16:59	37.111	144.145	26.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/11	17:14:59	39.016	142.517	51.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	17:12:40	37.564	144.069	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	16:55:52	37.779	143.171	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	16:34:21	39.376	143.405	40.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	16:20:51	36.157	141.877	25.3	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.5	2011/03/11	16:11:26	39.463	143.577	9.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	16:04:52	39.236	144.320	25.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	15:55:22	36.626	142.162	24.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	15:50:59	37.409	142.217	24.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	15:46:01	36.022	141.958	19.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11	15:42:05	36.066	141.515	15.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	15:36:15	38.907	142.722	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	15:32:33	37.216	142.233	25.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	15:19:37	36.233	141.856	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.2	2011/03/11	15:13:14	35.997	141.796	18.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	15:01:38	39.082	142.383	26.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11	14:56:15	35.979	141.367	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11	14:54:03	35.919	141.819	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	14:44:07	36.655	140.769	25.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11	14:26:30	37.431	142.254	13.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	14:20:19	37.947	143.183	25.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	14:10:39	37.575	141.963	25.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	14:00:37	36.151	140.845	30.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	13:58:49	36.681	141.776	25.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	13:55:27	38.039	142.831	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	13:48:38	38.426	143.061	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	13:43:10	38.972	144.209	25.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/11	13:42:26	37.410	142.009	25.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	13:34:36	36.249	141.850	35.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	13:31:54	39.152	142.837	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11	13:16:49	36.304	141.730	30.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	13:15:45	37.393	141.882	30.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	13:02:43	36.755	141.885	30.2	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.3	2011/03/11	12:59:21	36.128	141.768	24.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11	12:54:52	38.502	142.120	36.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	12:49:01	36.158	141.711	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	12:34:22	36.912	143.736	39.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	12:33:18	38.374	142.590	29.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	12:28:44	36.166	141.664	29.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	12:24:37	36.525	141.707	27.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11	12:12:53	38.052	142.542	21.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	12:04:16	36.351	142.700	38.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	11:56:16	36.356	141.504	39.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	11:54:02	36.982	142.535	45.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11	11:46:46	36.034	141.055	47.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11	11:44:28	36.709	142.231	31.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.5	2011/03/11	11:36:39	39.276	142.521	11.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/11	11:21:02	35.759	140.913	25.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	11:16:50	36.614	141.894	36.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	11:13:12	36.451	141.789	18.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	11:10:57	35.534	141.856	27.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	11:00:51	37.813	141.481	28.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/11	10:58:05	39.060	142.213	30.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/11	10:52:07	38.534	143.346	29.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	10:45:46	38.466	143.591	41.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/11	10:35:35	37.044	141.298	25.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11	10:28:44	39.447	143.531	29.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11	10:20:27	36.966	142.289	21.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.0	2011/03/11	10:10:34	39.248	142.779	28.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11	09:59:56	36.703	142.207	41.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11	09:47:01	39.685	142.938	29.7	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 5.2	2011/03/11 09:42:22	39.438	142.749	30.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11 09:37:08	35.877	141.585	29.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11 09:09:14	37.717	143.267	36.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11 09:04:10	37.299	142.655	30.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/11 09:00:19	37.056	141.966	20.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/11 08:52:26	36.763	141.910	35.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11 08:46:47	37.421	142.453	37.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11 08:40:56	37.465	141.122	38.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/11 08:31:07	37.428	141.200	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.5	2011/03/11 08:19:24	36.200	142.000	19.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.2	2011/03/11 08:15:40	37.034	144.612	27.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.2	2011/03/11 08:12:04	36.606	141.557	19.8	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.5	2011/03/11 08:10:30	36.394	140.631	30.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11 08:01:58	37.071	142.734	22.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/11 07:56:15	37.130	142.305	34.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/11 07:54:44	37.742	141.565	45.3	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11 07:42:55	36.406	141.919	29.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11 07:38:26	39.250	142.783	29.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/11 07:28:12	36.802	141.911	24.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/11 07:25:33	37.916	144.621	15.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.3	2011/03/11 07:14:59	36.648	141.811	25.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.9	2011/03/11 07:13:47	36.051	142.347	28.5	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.8	2011/03/11 07:10:59	37.899	142.734	30.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.3	2011/03/11 06:57:14	35.758	140.992	30.2	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.3	2011/03/11 06:48:47	37.993	142.764	22.3	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 7.1	2011/03/11 06:25:50	38.106	144.553	19.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.8	2011/03/11 06:15:40	36.186	141.192	35.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.4	2011/03/11 06:07:21	36.401	141.862	35.4	NEAR THE EAST COAST OF HONSHU, JAPAN

MAP 6.4	2011/03/11 06:06:11	39.025	142.316	25.1	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 8.9	2011/03/11 05:46:23	38.322	142.369	24.4	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/11 04:28:20	47.849	154.247	39.6	KURIL ISLANDS
MAP 4.9	2011/03/10 22:44:25	38.844	143.006	34.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/10 21:49:46	38.590	143.086	26.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/10 19:06:10	13.745	120.725	127.0	MINDORO, PHILIPPINES
MAP 6.5	2011/03/10 17:08:36	-6.862	116.765	508.1	BALI SEA
MAP 5.2	2011/03/10 16:54:45	38.053	143.253	4.7	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/10 15:22:51	-9.093	67.172	16.2	MID-INDIAN RIDGE
MAP 4.6	2011/03/10 14:24:46	-5.662	150.587	113.7	NEW BRITAIN REGION, PAPUA NEW GUINEA
MAP 5.1	2011/03/10 11:21:08	38.611	143.049	17.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/10 09:02:21	38.652	143.146	21.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/10 08:59:19	38.547	143.295	19.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/10 08:08:20	38.630	143.304	17.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/10 07:33:04	38.954	142.458	20.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.2	2011/03/10 07:07:09	-43.550	172.740	10.0	SOUTH ISLAND OF NEW ZEALAND
MAP 5.4	2011/03/10 04:58:17	24.710	97.994	10.0	MYANMAR-CHINA BORDER REGION
MAP 4.6	2011/03/10 04:14:00	38.406	143.427	31.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/10 01:20:23	38.408	143.033	25.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/09 23:57:41	38.308	143.275	20.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.4	2011/03/09 23:37:00	38.438	143.185	32.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.5	2011/03/09 21:24:51	-6.022	149.659	29.0	NEW BRITAIN REGION, PAPUA NEW GUINEA
MAP 6.1	2011/03/09 21:22:18	38.385	142.642	23.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/09 21:00:57	38.267	142.580	22.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 6.0	2011/03/09 18:44:35	38.502	143.199	23.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 6.1	2011/03/09 18:16:14	38.378	142.506	22.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/09 17:57:27	18.714	121.430	59.9	LUZON, PHILIPPINES
MAP 4.8	2011/03/09 14:24:05	38.589	143.226	10.0	OFF THE EAST COAST OF HONSHU, JAPAN

MAP 5.3	2011/03/09 13:57:27	8.631	92.395	23.2	NICOBAR ISLANDS, INDIA REGION
MAP 4.7	2011/03/09 12:03:17	38.358	143.119	13.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/09 11:27:51	38.529	143.040	28.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/09 10:13:39	38.721	143.090	27.2	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/09 08:55:38	38.667	143.055	15.6	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/09 08:02:36	38.606	143.103	15.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/09 07:56:27	38.849	142.929	10.7	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/09 07:13:48	38.246	143.108	9.9	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.1	2011/03/09 06:25:12	38.299	143.067	10.8	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.9	2011/03/09 06:12:13	38.681	143.022	10.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.7	2011/03/09 05:27:06	37.830	145.135	10.0	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.3	2011/03/09 04:45:54	38.543	142.740	27.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.7	2011/03/09 04:37:03	38.666	142.991	25.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/09 04:32:10	38.727	143.001	32.1	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 4.8	2011/03/09 04:15:39	38.857	142.658	12.6	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/09 04:05:53	38.870	142.420	10.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.0	2011/03/09 03:19:00	38.795	142.962	19.9	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 5.2	2011/03/09 03:08:35	38.339	143.097	24.4	OFF THE EAST COAST OF HONSHU, JAPAN
MAP 5.6	2011/03/09 02:57:16	38.402	142.825	17.5	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 7.2	2011/03/09 02:45:20	38.424	142.836	32.0	NEAR THE EAST COAST OF HONSHU, JAPAN
MAP 4.6	2011/03/09 01:47:46	52.893	160.683	25.0	OFF THE EAST COAST OF KAMCHATKA, RUSSIA
MAP 4.7	2011/03/09 01:30:26	-19.410	171.907	19.3	VANUATU REGION
MAP 4.9	2011/03/08 22:42:39	52.731	160.884	22.8	OFF THE EAST COAST OF KAMCHATKA, RUSSIA
MAP 4.9	2011/03/08 21:42:31	-4.578	139.146	28.8	PAPUA, INDONESIA
MAP 4.8	2011/03/08 20:48:09	52.631	160.720	38.8	OFF THE EAST COAST OF KAMCHATKA, RUSSIA
MAP 4.4	2011/03/08 19:49:29	49.575	155.555	75.5	KURIL ISLANDS
MAP 4.3	2011/03/08 17:48:31	22.930	94.312	86.5	MYANMAR
MAP 4.3	2011/03/08 15:18:29	48.359	151.215	201.2	KURIL ISLANDS

MAP 3.2 2011/03/08 11:32:10 53.395 178.753 25.0 RAT ISLANDS, ALEUTIAN ISLANDS, ALASKA

MAP 4.7 2011/03/08 10:46:26 52.739 160.827 23.9 OFF THE EAST COAST OF KAMCHATKA, RUSSIA

MAP 4.9 2011/03/07 13:28:29 -19.159 169.377 177.1 VANUATU

MAP 4.7 2011/03/07 12:32:04 -5.764 102.451 41.9 SOUTHERN SUMATRA, INDONESIA

MAP 5.0 2011/03/07 10:13:07 29.096 129.383 46.2 RYUKYU ISLANDS, JAPAN

MAP 4.9 2011/03/07 09:49:34 29.056 129.346 19.8 RYUKYU ISLANDS, JAPAN

MAP 4.6 2011/03/07 09:46:52 4.123 126.239 126.6 KEPULAUAN TALAUD, INDONESIA

MAP 4.5 2011/03/07 07:26:21 -3.465 151.641 424.3 NEW IRELAND REGION, PAPUA NEW GUINEA

MAP 6.6 2011/03/07 00:09:38 -10.334 160.739 37.9 SOLOMON ISLANDS

MAP 4.6 2011/03/06 20:50:32 73.061 5.998 34.8 GREENLAND SEA

MAP 4.9 2011/03/06 15:48:54 52.180 142.177 10.0 SAKHALIN, RUSSIA

MAP 4.8 2011/03/06 13:35:16 52.847 160.698 44.7 OFF THE EAST COAST OF KAMCHATKA, RUSSIA

MAP 4.9 2011/03/06 13:09:33 52.882 160.605 49.9 OFF THE EAST COAST OF KAMCHATKA, RUSSIA

MAP 4.7 2011/03/06 11:26:25 26.909 143.598 10.0 BONIN ISLANDS, JAPAN REGION

MAP 4.7 2011/03/06 11:06:27 26.903 143.632 10.1 BONIN ISLANDS, JAPAN REGION

MAP 4.3 2011/03/06 10:57:29 36.447 71.193 232.8 HINDU KUSH REGION, AFGHANISTAN

MAP 5.0 2011/03/06 10:52:52 26.897 143.610 10.1 BONIN ISLANDS, JAPAN REGION

MAP 4.5 2011/03/06 10:11:35 -9.389 119.210 85.9 SUMBA REGION, INDONESIA

MAP 4.4 2011/03/06 08:39:52 53.742 159.112 158.2 NEAR THE EAST COAST OF KAMCHATKA, RUSSIA

MAP 4.3 2011/03/06 07:58:40 39.208 40.355 10.0 EASTERN TURKEY

MAP 4.9 2011/03/06 07:13:24 27.023 143.682 10.0 BONIN ISLANDS, JAPAN REGION

MAP 4.5 2011/03/06 05:21:07 -5.148 102.356 40.8 SOUTHERN SUMATRA, INDONESIA

MAP 4.8 2011/03/06 03:43:31 -42.381 173.921 10.0 SOUTH ISLAND OF NEW ZEALAND

MAP 4.2 2011/03/06 03:28:17 34.801 24.960 44.8 CRETE, GREECE

MAP 5.1 2011/03/06 01:44:07 -23.054 170.448 35.3 SOUTHEAST OF THE LOYALTY ISLANDS

MAP 4.7 2011/03/06 00:55:59 26.953 143.702 10.7 BONIN ISLANDS, JAPAN REGION

MAP 4.4 2011/03/06 00:18:25 23.933 94.001 69.8 MYANMAR

MAP 5.1 2011/03/05 20:42:54 28.295 57.121 59.7 SOUTHERN IRAN

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