

# SUMMARY OF EARTHQUAKES

## Occurring January-December 2005

With surface wave or moment magnitude ( $M_w$ ) greater than or equal to 6.5 and a depth no greater than 100 km, or an event for which a Tsunami Information Bulletin (TIB) or Regional Watch Warning (RWW) was issued. Epicenter,  $M_s$ , and  $M_w$  from USGS National Earthquake Information Center (NEIC, G);  $M_w$  and centroid depth from Harvard (H);  $M_w$  from PTWC (P) at action time.

DATE	TIME (UTC)	LOCATION	LATITUDE	LONGITUDE	DEPTH (km)	$M_w$	$M_s$	PTWC ACTION	ACTION TIME	TSUNAMI?
1-Jan	6:26	Off West Coast of Northern Sumatra	5.099 N	92.304 E	12	6.5 (G) 6.6 (H,P)	6.7	TIB	6:40	No
16-Jan	20:18	Western Caroline Islands (Yap)	10.934 N	140.842 E	25	6.6 (G,H) 6.9 (P)	6.7	TIB	20:30	No
19-Jan	6:12	Off the East Coast of Honshu Japan	34.064 N	141.491 E	28	6.4 (G) 6.5 (H)	6.4	none	--	Yes, 39 cm Miyake Island, Japan No damage.
22-Jan	20:30	Solomon Islands	7.73 S	159.48 E	29	6.4 (G,H) 6.6 (P)	6.5	TIB	20:46	No
5-Feb	3:34	Mariana Islands (Anatahan Region)	16.011 N	145.867 E	143	6.5 (G,P) 6.6 (H)	6.6	TIB	3:53	No
5-Feb	12:23	Mindanao Philippine Islands	5.293 N	123.337 E	525	7.1 (G,H) 6.9 (P)	7.1	TIB	12:38	No
8-Feb	14:48	Vanuatu Islands	14.252 S	167.259 E	206	6.7 (H) 6.8 (G,P)	6.8	TIB	15:04	No
9-Feb	18:46	Bonin Islands	26.09 N	144.00 E	24	6.3 (G,H) 6.5 (P)	6.3	TIB	19:00	No
19-Feb	0:05	Sulawesi, Indonesia	5.592 S	122.109 E	10	6.4 (H) 6.5 (G,P)	6.3	TIB	00:19	No
26-Feb	12:57	Off West Coast of Northern Sumatra	2.926 N	95.557 E	27	6.7 (H,P) 6.8 (G)	6.8	TIB	13:13	No
2-Mar	10:42	Banda Sea	6.532 S	129.940 E	201	7.1 (G,H) 7.2 (P)	7.1	TIB	10:56	No
20-Mar	1:54	Western Honshu, Japan	33.795 N	130.108 E	10	6.5 (G) 6.6 (H) 6.7 (P)	6.7	TIB	2:19	No
28-Mar	16:10	Northern Sumatra Indonesia	2.074 N	97.013 E	30	8.1 (G) 8.5 (P) 8.7 (H)	8.4	TIB 001 002	16:29 18:41	Yes, 2.35 m. Sibolga, Sumatra Some damage
28-Mar	22:10	Northern Sumatra Indonesia	----	-----	---	5.8 (P)	---	003	22:10	No

2005 Earthquake list, *continued*

DATE	TIME (UTC)	LOCATION	LATITUDE	LONGITUDE	DEPTH (km)	M <sub>w</sub>	M <sub>s</sub>	PTWC ACTION	ACTION TIME	TSUNAMI?
10- April	11:14	Southern Sumatra Indonesia	1.714 S	99.779 E	30	6.6 (G) 6.7 (H,P)	6.7	TIB	10:47	Yes, 40 cm. Padang, Sumatra No damage
11- April	17:09	Loyalty Islands Region	21.975 S	170.612 E	68	6.7 (P) 6.8 (G,H)	6.8	TIB	17:26	No
16- April	16:38	Northern Sumatra Indonesia	1.812 N	97.662 E	31	6.3 (G) 6.4 (H) 6.7 (P)	6.2	TIB	16:57	No
5-May	19:12	South of Panama	5.720 N	82.838 W	10	6.4 (G) 6.5 (H) 6.9 (P)	6.5	TIB	17:24	No
14- May	5:05	Northern Sumatra Indonesia	.567 N	98.444 E	34	6.8 (G,H) 6.9 (P)	6.8	TIB	5:21	No
16- May	3:54	South of Kermadec Islands	32.546 S	179.341 W	34	6.6 (G,H) 6.7 (P)	6.4	TIB	4:11	No
19- May	1:55	Northern Sumatra Indonesia (Nias Region)	1.989 N	97.041 E	30	6.7 (G) 6.8 (P) 6.9 (H)	6.9	TIB	2:10	No
13 June	22:44	Northern Chile (Tarapaca, Chile)	19.987 S	69.197 W	116	7.8 (G,H,P)	7.8	TIB	22:59	No
14 June	17:10	Rat Islands, Aleutian Islands	51.232 N	179.406 E	51	6.6 (G) 6.8 (H) 6.9 (P)	6.8	TIB	17:19	No
15 June	2:51	Off the Coast of Northern California	41.301 N	125.970 W	10	7.1 (G) 7.2 (H) 7.4 (P)	7.2	TIB	2:59	Yes, 20 cm, Crescent City, CA. No damage
17 June	6:22	Off the Coast of Northern Califor- nia	40.768 N	126.574 W	10	6.6 (G) 6.7 (H) 6.9 (P)	6.5	TIB	6:28	No
2 July	2:17	Near Coast of Nicaragua	11.245 N	86.172 W	27	6.6 (G,H) 6.7 (P)	6.4	TIB	2:27	No
5 July	1:52	Northern Sumatra Indonesia (Nias Region)	1.819 N	97.082 E	21	6.6 (G) 6.7 (H) 6.8 (P)	6.8	TIB	2:07	No
24 July	15:42	Nicobar Islands, India	7.926 N	92.174 E	16	7.2 (G) 7.3 (H,J)	7.5	JMA	16:02	No
16 Aug	2:46	Near East Coast of Honshu, Japan	38.252 N	142.077 E	36	7.0 (P) 7.1 (G) 7.2 (H)	6.8	TIB	2:57	Yes, 13 cm, Ayukawa, Japan No damage

2005 Earthquake list, *continued*

DATE	TIME (UTC)	LOCATION	LATITUDE	LONGITUDE	DEPTH (km)	M <sub>w</sub>	M <sub>s</sub>	PTWC ACTION	ACTION TIME	TSUNAMI? DAMAGING?
9 Sept	7:27	New Ireland Region, PNG	4.540 S	153.402 E	91	7.3 (P) 7.5 (G,H)	7.7	TIB	7:44	No
26 Sept	1:56	Northern Peru	5.678 S	76.399 W	117	7.5 (G,H,P)	7.5	TIB	2:10	No
29 Sept	15:50	New Britain Region PNG	5.461 S	151.820 E	37	6.5 (G) 6.7 (H) 6.8 (P)	6.6	TIB	16:04	No
Oct 8	3:51	Pakistan	34:529 N	73.580 E	26	7.3 (G) 7.6 (H) 7.5 (P)	7.7	TIB	4:04	No
Oct 15	15:51	Northeast of Taiwan	25.315 N	123.335 E	182	6.5 (G,H) 6.6 (P)	6.6 (H)	TIB	16:07	No
Nov 14	21:39	Off East Coast of Honshu Japan	38.101 N	144.925 E	11	6.9 (G) 7.0 (H) 7.3 (P)	6.8	TIB	21:49	Yes, 42 cm., Ofunato, Japan No damage
Nov 17	19:27	Chile-Bolivia Region	22.263 S	67.784 W	163	6.8 (H) 6.9 (G,P)	6.9 (H)	TIB	19:45	No
Nov 19	14:10	Northern Sumatra Indonesia	2.232 N	96.769 E	30	6.5 (G,H, P)	6.1	TIB	14:27	No
Dec 11	14:21	New Britain Region, PNG	6.593 S	152.184 E	10	6.6 (G, H) 7.0 (P)	6.2	TIB	14:34	No
Dec 13	3:16	Fiji Islands Region	15.270 S	178.569 W	29	6.6 (G,H) 6,8 (P)	6.8	TIB	4:05	No