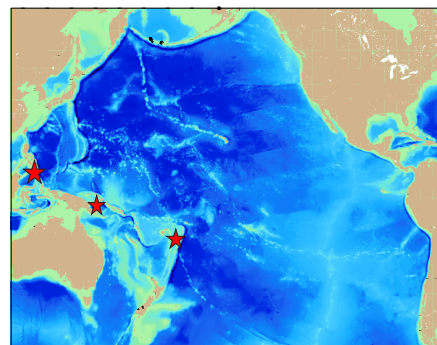




# 2002 SUMMARY OF EARTHQUAKES

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 at action time.



DATE	TIME (UTC)	LOCATION	LAT	LONG	DEPTH (km)	$M_w$	$M_s$	PTWC ACTION	ACTION TIME (UTC)	TSUNAMI ?
Jan 2	17:23	Vicinity of Vanuatu	17.7 S	168.0 E	21	7.3	7.5	TIB	17:55	NO
Jan 3	10:18	Vicinity of Vanuatu	17.9 S	168.1 E	29	6.7	6.4	TIB	10:40	YES
Jan 10	11:15	Near North Coast of Papua New Guinea	3.0 S	141.9 E	11	6.7	6.6	TIB	11:45	NO
March 5	21:16	Mindanao, Philippines	6.171 N	124.284 E	45	7.2 (G) 7.5 (H)	6.8	TIB	21:41	YES
March 26	03:46	Southwestern Ryukyu Islands, Japan	23.466 N	124.063 E	33	6.4 (G,H)	6.6	TIB	04:17	NO
March 31	06:53	Taiwan Region	24.477 N	122.203 E	33	7.1 (G,H)	7.3	TIB	07:21	NO
April 26	16:06	Vicinity of Mariana Islands	13.404 N	144.599E	67.5	7.1 (H,G)	6.8 (P) 6.6 (G)	TIB	16:34	NO
17 June	21:26	Vicinity of Santa Cruz Islands	12.59 S	166.38 E	48.3	6.6 (G) 6.7 (H)	6.5 (P) 6.7 (G)	TIB	22:07	NO
Sept 8	18:44	Near North Coast of Papua New Guinea	3.228 S	142.870 E	15	7.3 (G)	7.4 (P) 7.6 (P) 7.7 (P)	TIB#1 RWW#2 RWW#3 RWW#4 RWW#5	19:08 19:27 20:27 21:27 21:53	YES

## 2002 SUMMARY OF EARTHQUAKES, *continued*

DATE	TIME (UTC)	LOCATION	LAT	LONG	DEPTH (km)	M <sub>w</sub>	M <sub>s</sub>	PTWC ACTION	ACTION TIME (UTC)	TSUNAMI ?
Oct 10	10:50	Irian Jaya Region, Indonesia	1.684 S	134.149 E	15.0	7.6 (H)	7.5 (P) 7.8 (G)	TIB#1 TIB#2	11:24 11:32	?
Nov 2	01:26	Vicinity of Northern Sumatera, Indo- nesia	2.997 N	96.082 E	16.3	7.4 (G,H)	7.5 (P)	TIB	01:59	NO
Nov 3	22:13	Central Alaska, USA	63.520 N	147.533W	18.8	7.9 (H)	7.5 (P) 8.0 (P)	TIB TIB	22:22 22:54	NO
Nov 7	15:14	Rat Islands, Aleutian Islands	51.172 N	179.459 E	28.8	6.6 (G,H)	7.0 (P) 6.4 (G)	TIB#2 TIB#3	15:58 15:31	NO