関西地震観測研究協議会　2011年観測記録一覧（1）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2191	2011.01.03 10:52:13.6	N35°03.3'	E135°33.2'	MID KYOTO PREF	11.7	2.7																			●							●		●			●	●	
2192	2011.01.03 13:19:32.5	N34°56.4'	E135°40.6'	KYOTO OSAKA BORDER REG	14.7	3.4	●	●	●	●		●		●	●						●			●	●	●	●		●					●			●	●	
2193	2011.01.04 03:51:35.2	N34°08.5'	E135°08.1'	NW WAKAYAMA PREF	5.7	2.8																								●									
2194	2011.01.11 03:12:57.9	N34°02.3'	E135°16.1'	NW WAKAYAMA PREF	5.7	3.5												●												●									
2195	2011.01.13 06:32:54.5	N27°04.5'	E140°10.4'	W OFF OGASAWARA	515.7	6.3	S	S	S	S	S	P-S		P-S	S		S				S		S	P-S	P-S	S	S		S		S	S		P-S			S	P,S	
2196	2011.01.16 20:33:24.7	N34°00.5'	E133°46.5'	TOKUSHIMA PREF	44.0	4.5						●			●				●		●		●	●						●									
2197	2011.01.19 09:46:16.3	N34°52.9'	E135°22.7'	SE HYOGO PREF	3.3	2.4																●																	
2198	2011.01.19 09:54:42.5	N34°53.0'	E135°22.7'	SE HYOGO PREF	3.2	2.5																●																	
2199	2011.01.19 15:02:07.5	N34°53.0'	E135°22.6'	SE HYOGO PREF	3.4	2.2																●																	
2200	2011.01.28 22:48:58.7	N34°43.8'	E135°16.0'	SE HYOGO PREF	6.3	3.6	●	●	●	●		●		●	●		●	●			●	●	●	●	●				●		●			●	●		●	●	
2201	2011.01.28 22:51:29.9	N34°43.8'	E135°16.1'	SE HYOGO PREF	6.3	2.0	●	●																															
2202	2011.01.28 23:45:24.2	N34°43.6'	E135°16.1'	SE HYOGO PREF	6.1	1.6		●																															
2203	2011.01.30 08:52:42.8	N34°43.7'	E135°15.9'	SE HYOGO PREF	6.6	1.9	●																																
2204	2011.01.30 21:28:13.0	N34°43.7'	E135°16.3'	SE HYOGO PREF	6.4	2.2	●	●																															
2205	2011.02.01 14:24:18.9	N34°43.7'	E135°16.2'	SE HYOGO PREF	5.8	1.7	●																																
2206	2011.02.01 15:42:34.4	N34°43.7'	E135°16.2'	SE HYOGO PREF	6.3	2.2	●	●																															
2207	2011.02.01 22:38:36.0	N34°14.8'	E135°11.0'	NW WAKAYAMA PREF	6.4	2.4																								●									
2208	2011.02.06 07:25:04.0	N35°55.2'	E137°47.0'	CENTRAL NAGANO PREF	11.3	3.7																																●	
2209	2011.02.07 04:40:32.7	N31°12.5'	E130°24.4'	SATSUMA PENINSULA REGION	137.2	4.4																								●									
2210	2011.02.09 15:11:14.9	N34°51.5'	E135°30.0'	KYOTO OSAKA BORDER REG	12.1	2.6		●						●										●									●						
2211	2011.02.10 06:03:11.2	N34°53.0'	E135°22.7'	SE HYOGO PREF	3.5	1.6																●																	
2212	2011.02.10 22:03:03.6	N37°09.5'	E141°24.5'	E OFF FUKUSHIMA PREF	48.2	5.4						●											●	●															
2213	2011.02.11 13:31:23.4	N34°43.7'	E135°16.0'	SE HYOGO PREF	6.7	2.2	●	●																															
2214	2011.02.19 22:04:56.6	N33°29.4'	E135°28.2'	S OFF KII PENINSULA	32.3	4.0									●			●												●									
2215	2011.02.21 15:46:10.1	N33°52.6'	E135°21.8'	CENTRAL WAKAYAMA PREF	53.4	4.8	●	●	●	●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●	●	神戸須磨:時計×
2216	2011.02.27 02:18:58.9	N36°09.4'	E137°27.4'	NORTHERN GIFU PREF	3.8	5.0		●	●	●	●	●			●		●				●		●	●	●	●	●			●	●	●		●			●	●	神戸須磨:時計×
2217	2011.02.27 05:38:02.6	N36°09.3'	E137°27.2'	NORTHERN GIFU PREF	4.3	5.5	●	●	●	●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●	●	神戸須磨:時計×
2218	2011.02.27 21:46:57.0	N36°08.8'	E137°26.9'	NORTHERN GIFU PREF	5.8	4.0																																●	
2219	2011.02.28 04:03:26.5	N36°08.7'	E137°27.1'	NORTHERN GIFU PREF	5.0	3.9																																●	
2220	2011.02.28 11:32:59.3	N36°09.8'	E137°28.7'	NORTHERN GIFU PREF	4.8	3.6																																●	
2221	2011.03.05 15:41:02.6	N34°30.3'	E136°15.5'	NORTHERN MIE PREF	41.4	3.4																											●					●	
2222	2011.03.06 13:22:51.7	N35°17.1'	E136°00.0'	NW SHIGA PREF	15.5	3.2																											●					●	
2223	2011.03.09 11:45:12.9	N38°19.7'	E143°16.7'	FAR E OFF MIYAGI PREF	8.2	7.3	●	●	●	●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●	●	神戸須磨:時計×
2224	2011.03.09 13:36:59.1	N38°36.3'	E143°14.9'	FAR E OFF MIYAGI PREF	11.3	6.1			●	●	●	●			●						●		●	●	●	●					●			●					神戸須磨:時計×
2225	2011.03.10 03:16:14.1	N38°16.2'	E142°52.7'	FAR E OFF MIYAGI PREF	28.8	6.4	●	●	●	●		●			●				●		●	●	●	●	●	●	●		●		●	●		●			●	●	神戸須磨:時計×
2226	2011.03.10 03:44:35.7	N38°28.7'	E143°25.9'	FAR E OFF MIYAGI PREF	36.0	6.3			●	●		●			●						●		●	●	●	●					●			●					●	神戸須磨:時計×
2227	2011.03.10 06:22:11.4	N38°07.9'	E143°13.1'	FAR E OFF MIYAGI PREF	17.8	6.3	●	●	●	●		●			●				●		●		●	●	●	●	●				●			●			●	●	神戸須磨:時計×
2228	2011.03.10 06:23:59.7	N38°10.3'	E143°02.6'	FAR E OFF MIYAGI PREF	9.3	6.8	↑	↑	↑	↑		↑			↑				↑		↑		↑	↑	↑	↑	↑		●		↑	●		↑			↑	↑	神戸須磨:時計×
2229	2011.03.11 14:46:18.1	N38°06.2'	E142°51.6'	FAR E OFF MIYAGI PREF	23.7	9.0	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●	●	神戸須磨:時計×
2230	2011.03.11 15:15:34.2	N36°07.2'	E141°15.1'	FAR E OFF IBARAKI PREF	42.7	7.6	↑	↑	↑	↑	↑	↑		↑	↑		↑	↑	↑		↑	↑	↑	↑	↑	↑	↑		↑	↑	↑	↑		↑	↑		↑	●	神戸須磨:時計×
2231	2011.03.11 17:12:06.4	N36°32.9'	E141°23.1'	E OFF IBARAKI PREF	32.4	6.6						●																			●								
2232	2011.03.11 17:19:17.2	N36°09.4'	E141°42.9'	FAR E OFF IBARAKI PREF	35.5	6.8																									↑								
2233	2011.03.11 19:09:39.0	N36°07.3'	E136°30.7'	CENTRAL FUKUI PREF	8.6	4.0						●															●							●					
2234	2011.03.11 20:10:54.1	N35°43.8'	E142°06.8'	FAR E OFF KANTO	27.8	5.9						●																											
2235	2011.03.11 20:36:39.9	N39°13.8'	E142°34.7'	E OFF IWATE PREF	23.6	6.7						●															●				●			●					
2236	2011.03.11 21:13:03.0	N37°13.5'	E142°13.0'	E OFF FUKUSHIMA PREF	26.0	6.2						●															●				●			●					
2237	2011.03.11 22:34:32.9	N36°17.1'	E141°55.7'	FAR E OFF IBARAKI PREF	23.0	5.6						●																											
2238	2011.03.12 00:13:12.4	N36°03.2'	E142°00.0'	FAR E OFF IBARAKI PREF	22.8	6.7	●			●		●							●			●					●		●		●			●					
2239	2011.03.12 00:19:34.7	N36°19.3'	E142°03.3'	FAR E OFF IBARAKI PREF	18.0	5.7	↑			↑		↑							↑			↑									↑			↑					
2240	2011.03.12 02:17:23.6	N35°24.2'	E142°01.6'	FAR E OFF KANTO	22.0	6.1	●	●		●		●						●	●			●				●	●		●		●			●					

関西地震観測研究協議会　2011年観測記録一覧（2）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2241	2011.03.12 03:11:25.6	N37°10.2'	E142°01.5'	E OFF FUKUSHIMA PREF	25.5	6.0	●	●		●		●					●		●		●					●	●		●		●			●					神戸須磨:時計×
2242	2011.03.12 03:59:15.6	N36°59.1'	E138°35.8'	MID NIIGATA PREF	8.3	6.7	●	●		●	●	●					●	●	●		●	●				●	●		●	●	●	●		●	●				神戸須磨:時計×
2243	2011.03.12 04:24:28.1	N35°45.5'	E141°02.4'	NEAR CHOSHI CITY	35.1	5.7	●	●		●		●									●					●	●				●			●					神戸須磨:時計×
2244	2011.03.12 04:31:55.6	N36°56.9'	E138°34.3'	MID NIIGATA PREF	0.7	5.9	●	●		●		●					●	●	●		●	●				●	●		●	●	●			●	●				神戸須磨:時計×
2245	2011.03.12 04:46:46.1	N40°23.6'	E139°05.3'	W OFF AKITA PREF	3.8	6.4	●	●		●							●	●	●		●	●				●	●		●	●	●			●	●				神戸須磨:時計×
2246	2011.03.12 05:11:21.3	N38°58.3'	E142°45.3'	FAR E OFF MIYAGI PREF	6.0	6.4	●	●		●		●					●		●		●	●					●				●			●					神戸須磨:時計×
2247	2011.03.12 08:59:21.3	N36°29.8'	E141°28.8'	E OFF IBARAKI PREF	28.4	5.5						●			●								●	●							●								
2248	2011.03.12 09:45:07.4	N36°09.7'	E141°55.9'	FAR E OFF IBARAKI PREF	20.0	5.6				●		●			●								●	●							●			●					
2249	2011.03.12 10:47:12.6	N37°28.5'	E142°45.2'	FAR E OFF FUKUSHIMA PREF	0.0	6.8	●	●		●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2250	2011.03.12 12:11:58.3	N35°58.9'	E141°36.6'	FAR E OFF IBARAKI PREF	37.1	5.6						●			●								●	●	●									●					
2251	2011.03.12 19:53:28.4	N38°59.8'	E142°32.2'	E OFF MIYAGI PREF	20.4	5.8																		●		●												
2252	2011.03.12 20:46:00.0	N35°52.5'	E141°51.4'	FAR E OFF IBARAKI PREF	25.7	5.5				●		●			●								●	●	●	●								●					
2253	2011.03.12 22:11:02.8	N33°01.2'	E136°41.0'	SE OFF KII PENINSULA	51.1	4.3		●				●			●									●	●													
2254	2011.03.12 22:15:41.7	N37°11.8'	E141°25.5'	E OFF FUKUSHIMA PREF	40.0	6.2				●	●	●			●		●				●		●	●	●	●	●				●			●			●		神戸須磨:時計×
2255	2011.03.13 07:12:44.0	N37°36.3'	E142°03.2'	SE OFF MIYAGI PREF	8.6	6.1	●	●		●	●	●			●		●		●		●		●	●	●	●	●				●				●		●		神戸須磨:時計×
2256	2011.03.13 08:24:46.9	N38°00.7'	E141°56.9'	SE OFF MIYAGI PREF	15.1	6.2		●		●	●	●			●		●	●	●		●		●	●	●	●	●		●	●	●			●			●		神戸須磨:時計×
2257	2011.03.13 10:26:02.0	N35°49.6'	E141°58.3'	FAR E OFF IBARAKI PREF	11.1	6.6	●	●		●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2258	2011.03.13 11:23:30.5	N36°29.6'	E141°54.7'	FAR E OFF IBARAKI PREF	23.0	6.2	●	●		●	●	●			●		●	●	●		●	●	●	●	●	●	●		●		●	●			●		●		神戸須磨:時計×
2259	2011.03.13 20:37:27.3	N37°23.7'	E142°26.0'	E OFF FUKUSHIMA PREF	2.3	6.1		●		●	●	●			●		●				●		●	●	●	●	●				●			●			●		神戸須磨:時計×
2260	2011.03.14 02:55:24.5	N35°14.8'	E141°13.8'	E OFF BOSO PENINSULA	16.2	5.7				●		●			●						●		●	●	●	●					●			●					神戸須磨:時計×
2261	2011.03.14 04:23:24.4	N35°05.7'	E136°09.2'	SE SHIGA PREF	13.6	3.6		●													●			●	●	●								●			●		神戸須磨:時計×
2262	2011.03.14 10:02:38.7	N36°27.5'	E141°07.5'	E OFF IBARAKI PREF	31.7	6.2	●	●		●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2263	2011.03.14 12:15:56.2	N36°21.2'	E141°39.1'	FAR E OFF IBARAKI PREF	29.6	5.5									●								●	●							●			●					
2264	2011.03.14 15:12:33.9	N37°48.2'	E142°35.2'	SE OFF MIYAGI PREF	7.0	6.5	●	●		●	●	●			●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2265	2011.03.15 02:59:39.6	N37°09.8'	E142°26.4'	E OFF FUKUSHIMA PREF	22.0	5.8				●	●	●			●								●	●										●					
2266	2011.03.15 03:41:00.9	N36°33.8'	E141°50.7'	FAR E OFF IBARAKI PREF	44.0	5.7						●			●								●	●	●	●					●			●					
2267	2011.03.15 15:32:29.0	N35°58.7'	E137°18.3'	NORTHERN GIFU PREF	7.8	3.8						●												●	●	●								●			●		
2268	2011.03.15 18:49:51.5	N37°23.3'	E142°19.9'	E OFF FUKUSHIMA PREF	6.7	6.3	●	●		●	●	●			●		●		●		●		●	●	●	●	●		●		●	●		●			●		
2269	2011.03.15 22:27:53.6	N37°35.9'	E142°17.9'	E OFF FUKUSHIMA PREF	10.0	6.2	●	●		●	●	●			●		●	●	●		●		●	●	●	●	●		●		●	●		●	●		●		
2270	2011.03.15 22:31:46.3	N35°18.5'	E138°42.8'	MT. FUJI REGION	14.3	6.4	↑	↑		↑	↑	↑			↑		↑	↑	↑		↑	●	↑	↑	↑	↑	↑		↑	●	↑	↑		↑	↑		●		神戸須磨:時計×
2271	2011.03.16 00:23:52.3	N40°22.2'	E143°28.4'	FAR E OFF SANRIKU	18.3	6.3	●	●		●	●	●			●		●	●			●	●	●	●	●						●	●		●			●		神戸須磨:時計×
2272	2011.03.16 03:33:28.4	N35°58.7'	E137°18.5'	NORTHERN GIFU PREF	7.0	4.0		●				●												●	●	●								●			●		
2273	2011.03.16 05:30:00.2	N35°17.0'	E141°13.4'	E OFF BOSO PENINSULA	24.1	5.8		●		●	●	●			●		●				●		●	●	●	●					●			●			●		神戸須磨:時計×
2274	2011.03.16 12:52:02.7	N35°50.2'	E140°54.3'	NEAR CHOSHI CITY	9.9	6.1	●	●		●	●	●			●		●		●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2275	2011.03.16 13:14:29.6	N37°32.0'	E141°34.8'	E OFF FUKUSHIMA PREF	25.3	5.6						●			●								●	●		●								●					
2276	2011.03.16 22:39:02.5	N35°55.0'	E140°26.4'	SOUTHERN IBARAKI PREF	53.4	5.4				●	●	●		●	●						●		●	●	●	●					●			●			●		神戸須磨:時計×
2277	2011.03.17 13:13:57.3	N40°07.5'	E142°24.6'	NE OFF IWATE PREF	31.1	5.9						●			●								●	●										●					
2278	2011.03.17 17:25:22.7	N36°40.8'	E141°51.0'	E OFF FUKUSHIMA PREF	17.2	5.4					●	●			●								●	●	●	●					●			●					
2279	2011.03.17 21:32:02.4	N35°37.8'	E140°58.7'	NEAR CHOSHI CITY	27.8	5.7	●	●			●	●		●	●						●		●	●	●	●	●				●			●			●		神戸須磨:時計×
2280	2011.03.17 21:54:53.6	N36°44.2'	E141°18.5'	E OFF IBARAKI PREF	47.0	5.7				●	●	●		●	●		●				●		●	●	●	●	●			●	●			●					神戸須磨:時計×
2281	2011.03.18 03:55:31.9	N37°08.5'	E142°31.3'	E OFF FUKUSHIMA PREF	9.0	5.7						●			●								●	●							●			●					
2282	2011.03.18 17:01:34.4	N35°49.3'	E141°06.7'	NEAR CHOSHI CITY	34.5	5.4			●		●	●		●	●								●	●	●	●					●			●					
2283	2011.03.18 23:13:35.6	N34°10.5'	E135°04.1'	NW WAKAYAMA PREF	9.6	2.9																								●								
2284	2011.03.19 08:49:31.4	N36°44.2'	E140°36.2'	NORTHERN IBARAKI PREF	4.9	5.3			●	●		●			●								●	●										●					
2285	2011.03.19 10:22:42.3	N39°39.5'	E143°20.8'	FAR E OFF SANRIKU	12.7	6.1			●	●					●								●											●					
2286	2011.03.19 18:56:48.0	N36°47.0'	E140°34.2'	NORTHERN IBARAKI PREF	5.3	6.1	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2287	2011.03.19 21:40:49.3	N33°41.9'	E135°09.3'	S PART OF KII CHANNEL	41.3	3.2																								●								
2288	2011.03.21 13:15:14.0	N36°14.8'	E137°35.1'	HIDA MOUNTAINS REGION	3.3	4.8			●			●		●	●								●	●	●	●								●			●		
2289	2011.03.22 12:38:34.7	N35°15.8'	E141°14.2'	E OFF BOSO PENINSULA	36.9	5.9	●	●	●	●	●	●		●	●		●				●		●	●	●	●	●				●	●		●			●		神戸須磨:時計×
2290	2011.03.22 16:18:40.8	N37°05.1'	E144°14.8'	FAR E OFF NORTH HONSHU	28.0	6.7	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●			●		神戸須磨:時計×

関西地震観測研究協議会　2011年観測記録一覧（3）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2291	2011.03.22 18:19:05.2	N37°18.9'	E141°54.6'	E OFF FUKUSHIMA PREF	43.0	6.4	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2292	2011.03.22 18:44:25.4	N39°55.1'	E143°39.6'	FAR E OFF SANRIKU	0.3	6.5	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●			●	●	●	●		●	●		●		神戸須磨:時計×
2293	2011.03.22 21:04:05.0	N36°13.8'	E141°37.6'	FAR E OFF IBARAKI PREF	48.4	5.9	●	●	●	●	●	●		●	●		●		●		●		●	●	●	●	●			●	●			●			●		神戸須磨:時計×
2294	2011.03.22 22:50:49.8	N35°51.6'	E141°46.8'	FAR E OFF IBARAKI PREF	21.6	6.0	●	●	●	●	●	●		●	●		●				●		●	●	●	●					●	●		●			●		神戸須磨:時計×
2295	2011.03.23 00:03:46.2	N35°52.5'	E141°45.8'	FAR E OFF IBARAKI PREF	22.6	5.8		●	●	●	●	●		●	●		●				●		●	●	●	●					●			●					神戸須磨:時計×
2296	2011.03.23 01:12:07.2	N35°48.6'	E141°50.2'	FAR E OFF IBARAKI PREF	34.7	5.4			●			●			●								●	●		●					●			●					
2297	2011.03.23 07:12:28.7	N37°05.0'	E140°47.2'	EASTERN FUKUSHIMA PREF	7.6	6.0	●	●	●	●	●	●		●	●		●		●		●		●	●	●	●				●	●			●			●		神戸須磨:時計×
2298	2011.03.23 07:36:31.3	N37°03.8'	E140°46.2'	EASTERN FUKUSHIMA PREF	7.3	5.8		●	●	●	●	●		●	●		●				●		●	●	●	●				●	●			●			●		神戸須磨:時計×
2299	2011.03.24 17:20:58.6	N39°04.6'	E142°21.4'	E OFF IWATE PREF	33.7	6.2		●	●	●	●	●		●	●		●				●		●	●	●	●					●			●			●		神戸須磨:時計×
2300	2011.03.24 22:55:12.0	N20°41.2'	E099°49.3'	MYANMAR	8.0	6.3	○	○	○	○	○	○		○	○		○	○	○		○	○	○	○	○	○	○		○	○	○	○			○		○		神戸須磨:時計×
2301	2011.03.25 20:36:24.2	N38°43.7'	E142°06.4'	E OFF MIYAGI PREF	44.6	6.3	●	●	●	●	●	●		●	●		●		●		●	●	●	●	●	●	●				●	●		●			●		神戸須磨:時計×
2302	2011.03.28 05:22:12.1	N35°05.4'	E135°56.6'	NW SHIGA PREF	12.8	2.6																												●			●		
2303	2011.03.28 07:23:57.0	N38°23.0'	E142°20.7'	E OFF MIYAGI PREF	31.6	6.5	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2304	2011.03.29 19:54:30.4	N37°24.5'	E142°28.1'	SE OFF MIYAGI PREF	13.3	6.6	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2305	2011.03.30 14:29:52.6	N36°07.4'	E142°28.2'	FAR E OFF KANTO	80.0	6.3	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●			●		●	●		●			●		神戸須磨:時計×
2306	2011.03.30 21:51:37.1	N35°26.6'	E141°13.6'	E OFF BOSO PENINSULA	30.1	5.3			●			●			●								●	●							●			●					
2307	2011.03.31 15:04:58.3	N35°40.6'	E136°53.2'	SW GIFU PREF	15.1	3.5																												●					
2308	2011.03.31 16:15:29.6	N38°52.3'	E142°05.0'	KINKAZAN REGION	47.3	6.1			●	●	●	●			●								●	●	●						●			●					
2309	2011.04.01 20:57:54.6	N39°20.1'	E142°09.9'	E OFF IWATE PREF	45.2	6.0			●			●			●								●	●										●					
2310	2011.04.01 23:44:32.5	N36°14.3'	E141°39.1'	FAR E OFF IBARAKI PREF	63.3	5.2			●			●			●								●	●										●					
2311	2011.04.02 16:55:53.6	N36°12.4'	E139°57.7'	SW IBARAKI PREF	53.6	5.0						●												●															
2312	2011.04.07 23:32:43.4	N38°12.2'	E141°55.2'	E OFF MIYAGI PREF	65.8	7.2	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2313	2011.04.09 21:57:49.4	N30°00.9'	E131°50.3'	E OFF TANEGASHIMA ISLAND	61.6	5.8			●	●					●								●	●						●				●					
2314	2011.04.11 06:35:53.9	N36°44.4'	E141°09.2'	E OFF IBARAKI PREF	52.7	5.1									●									●										●					
2315	2011.04.11 17:16:12.0	N36°56.7'	E140°40.3'	EASTERN FUKUSHIMA PREF	6.4	7.0	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2316	2011.04.11 20:42:35.1	N36°57.9'	E140°38.0'	EASTERN FUKUSHIMA PREF	10.5	5.9	●	●	●	●	●	●		●	●		●		●		●		●	●	●	●	●			●	●	●		●			●		神戸須磨:時計×
2317	2011.04.12 07:26:16.8	N36°49.1'	E138°36.3'	NORTHERN NAGANO PREF	0.0	5.6	●	●	●	●	●	●		●	●		●				●		●	●	●	●					●	●		●			●		神戸須磨:時計×
2318	2011.04.12 08:08:15.8	N35°28.9'	E140°52.0'	NEAR CHOSHI CITY	26.2	6.4	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2319	2011.04.12 14:07:42.2	N37°03.1'	E140°38.6'	EASTERN FUKUSHIMA PREF	15.0	6.4	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		神戸須磨:時計×
2320	2011.04.13 08:36:20.2	N35°29.2'	E140°52.7'	NEAR CHOSHI CITY	26.9	5.3			●		●	●											●	●	●						●			●					
2321	2011.04.13 10:07:58.0	N36°54.9'	E140°42.4'	EASTERN FUKUSHIMA PREF	4.5	5.7	●	●	●	●	●	●		●	●		●				●		●	●	●	●	●			●	●	●		●			●		神戸須磨:時計×
2322	2011.04.14 04:57:18.5	N39°38.8'	E143°48.5'	FAR E OFF SANRIKU	0.0	6.3	●	●	●	●	●	●			●						●		●	●	●	●					●			●					神戸須磨:時計×
2323	2011.04.14 12:08:58.3	N36°59.0'	E140°46.3'	EASTERN FUKUSHIMA PREF	10.7	5.4			●			●			●								●	●	●	●													
2324	2011.04.14 15:08:42.6	N35°31.0'	E142°27.9'	FAR E OFF CENTRAL HONSHU	28.0	6.0		●	●	●	●	●			●						●		●	●	●						●			●					
2325	2011.04.16 11:19:31.6	N36°20.4'	E139°56.7'	SW IBARAKI PREF	78.8	5.9	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2326	2011.04.17 05:00:50.6	N34°13.0'	E135°12.8'	NW WAKAYAMA PREF	4.4	1.9																								●									
2327	2011.04.17 11:13:59.0	N34°11.3'	E135°12.2'	NW WAKAYAMA PREF	2.1	1.7																								●									
2328	2011.04.18 17:16:29.3	N35°23.4'	E136°17.3'	SHIGA GIFU BORDER REGION	38.1	3.6																			●									●			●		
2329	2011.04.19 23:10:20.0	N36°10.1'	E139°48.4'	SW IBARAKI PREF	53.4	5.0						●			●									●		●												
2330	2011.04.21 00:29:07.5	N34°25.1'	E134°49.8'	AWAJISHIMA ISLAND REGION	16.1	3.5	●	●													●	●								●					●				
2331	2011.04.21 10:54:40.5	N40°18.6'	E143°39.0'	FAR E OFF SANRIKU	10.7	6.0			●	●		●			●								●	●							●			●					
2332	2011.04.21 22:37:02.1	N35°40.5'	E140°41.1'	NEAR CHOSHI CITY	46.4	6.0	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2333	2011.04.22 01:11:16.9	N37°30.6'	E141°27.1'	E OFF FUKUSHIMA PREF	48.1	5.6			●			●			●								●	●	●	●													
2334	2011.04.23 19:12:46.2	N39°07.9'	E143°00.0'	FAR E OFF SANRIKU	35.1	6.1			●	●	●	●		●	●						●		●	●	●	●					●			●					
2335	2011.04.23 23:08:54.3	N35°01.0'	E135°27.3'	KYOTO OSAKA BORDER REG	11.8	2.6																●																	
2336	2011.04.26 08:58:19.9	N34°49.6'	E136°24.8'	NORTHERN MIE PREF	42.7	3.4																			●									●			●		
2337	2011.04.26 21:12:01.5	N36°05.1'	E139°58.5'	SW IBARAKI PREF	46.3	5.0						●			●								●	●	●	●								●					
2338	2011.04.28 18:27:46.7	N37°24.8'	E141°46.8'	E OFF FUKUSHIMA PREF	43.5	5.7			●			●			●								●	●		●					●			●					
2339	2011.04.30 14:06:31.1	N36°45.5'	E141°16.8'	E OFF IBARAKI PREF	36.9	5.3																		●										●					
2340	2011.05.03 07:06:35.9	N34°17.1'	E135°10.4'	NW WAKAYAMA PREF	8.0	2.9																								●									

関西地震観測研究協議会　2011年観測記録一覧（4）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2341	2011.05.04 00:37:03.7	N34°10.4'	E135°05.6'	NW WAKAYAMA PREF	8.6	2.4																								●									
2342	2011.05.05 23:58:19.1	N38°12.7'	E144°07.1'	FAR E OFF NORTH HONSHU	42.0	6.1			●	●		●			●								●	●	●	●								●					
2343	2011.05.07 21:47:38.1	N33°51.3'	E134°41.1'	TOKUSHIMA PREF	38.6	4.0													●		●									●									
2344	2011.05.07 22:00:26.1	N33°51.5'	E134°40.9'	TOKUSHIMA PREF	37.7	3.6													●											●									
2345	2011.05.08 05:52:20.3	N40°14.6'	E142°30.0'	NE OFF IWATE PREF	33.5	5.7						●			●								●	●	●						●			●					
2346	2011.05.09 22:20:50.0	N34°10.4'	E135°03.5'	NW WAKAYAMA PREF	10.5	2.5																								●									
2347	2011.05.10 22:09:30.6	N34°11.8'	E135°10.9'	NW WAKAYAMA PREF	5.2	3.4																								●									
2348	2011.05.10 23:01:53.4	N34°11.9'	E135°11.1'	NW WAKAYAMA PREF	5.1	4.2		●				●			●		●	●	●		●		●	●		●	●		●	●				●	●		●		
2349	2011.05.10 23:12:43.3	N34°11.9'	E135°11.0'	NW WAKAYAMA PREF	5.2	2.2																								●									
2350	2011.05.10 23:13:59.3	N34°12.2'	E135°11.6'	NW WAKAYAMA PREF	5.0	2.8																								↑									
2351	2011.05.10 23:14:48.6	N34°12.2'	E135°11.6'	NW WAKAYAMA PREF	5.0	2.4																								↑									
2352	2011.05.11 09:21:14.4	N34°12.1'	E135°11.9'	NW WAKAYAMA PREF	4.5	2.0																								●									
2353	2011.05.12 02:46:20.3	N34°11.7'	E135°10.5'	NW WAKAYAMA PREF	6.0	3.5												●												●									
2354	2011.05.12 19:17:59.6	N34°04.3'	E135°20.1'	NW WAKAYAMA PREF	5.7	3.2																								●									
2355	2011.05.13 22:15:53.1	N34°47.9'	E135°22.7'	SE HYOGO PREF	11.2	2.8		●																										●					
2356	2011.05.14 08:35:50.9	N37°19.6'	E141°37.7'	E OFF FUKUSHIMA PREF	40.9	5.9			●	●	●	●			●		●				●		●	▲	●	●					●			●			●		茨木白川:UD不良
2357	2011.05.14 19:28:38.3	N34°50.3'	E135°29.1'	KYOTO OSAKA BORDER REG	11.9	2.3																												●					
2358	2011.05.16 11:01:26.5	N34°56.7'	E135°35.6'	KYOTO OSAKA BORDER REG	10.4	2.6																			●														
2359	2011.05.18 08:01:38.5	N34°11.5'	E135°08.3'	NW WAKAYAMA PREF	5.6	1.8																								●									
2360	2011.05.19 15:23:36.4	N34°51.9'	E135°55.3'	KYOTO OSAKA BORDER REG	10.0	2.3																												●					
2361	2011.05.20 09:46:15.4	N35°48.0'	E141°10.5'	NEAR CHOSHI CITY	35.8	5.8		●	●	●	●	●		●	●		●		●		●		●	●	●	●	●				●	●		●			●		森河内:UD後半に長周期ノイズ
2362	2011.05.21 15:25:38.2	N35°22.4'	E135°53.3'	NW SHIGA PREF	15.0	3.4																			●							●					●		
2363	2011.05.22 07:06:27.4	N35°43.7'	E140°38.6'	NEAR CHOSHI CITY	48.3	5.5			●	●	●	●		●	●						●		●	●	●	●				●	●			●			●		
2364	2011.05.25 22:31:49.4	N34°13.1'	E135°11.6'	NW WAKAYAMA PREF	4.6	1.9																								●									
2365	2011.06.03 04:57:53.5	N34°11.2'	E135°03.3'	NW WAKAYAMA PREF	10.5	2.7																								●									
2366	2011.06.03 09:05:02.7	N37°18.1'	E143°49.9'	FAR E OFF NORTH HONSHU	57.0	6.1			●	●	●	●			●								●	●	●	●					●			●					
2367	2011.06.03 17:21:00.7	N35°00.2'	E135°35.1'	KYOTO OSAKA BORDER REG	10.4	3.1																		●	●	●						●		●			●	●	
2368	2011.06.04 01:00:14.1	N36°59.4'	E141°12.6'	E OFF FUKUSHIMA PREF	29.6	5.5			●			●			●								●											●					
2369	2011.06.04 01:57:31.0	N35°05.7'	E132°40.2'	SHIMANE HIROSHIMA BORDER	10.5	5.2	●	●	●	●	●	●		●	●		●		●		●	●	●		●	●	●			●	●	●		●	●		●		
2370	2011.06.05 09:27:51.4	N34°11.2'	E135°03.2'	NW WAKAYAMA PREF	10.6	2.7																								●									
2371	2011.06.06 19:24:16.3	N36°06.2'	E137°28.3'	NORTHERN GIFU PREF	7.6	4.1																												●					
2372	2011.06.09 19:38:32.9	N36°29.8'	E140°58.2'	E OFF IBARAKI PREF	12.5	5.7			●	●	●	●		●	●		●				●		●		●	●					●			●					
2373	2011.06.13 05:36:11.9	N34°00.7'	E135°27.6'	CENTRAL WAKAYAMA PREF	57.8	3.0		●																															
2374	2011.06.14 09:16:19.8	N34°56.7'	E135°36.0'	KYOTO OSAKA BORDER REG	10.1	2.7																		▲	●							●		●			●		茨木白川:UD不良
2375	2011.06.14 22:06:52.8	N37°48.7'	E143°34.9'	FAR E OFF MIYAGI PREF	50.0	6.0			●	●	●	●			●						●		●		●	●					●			●					
2376	2011.06.17 19:33:20.9	N33°51.8'	E135°22.1'	CENTRAL WAKAYAMA PREF	50.6	3.4		●							●			●			●																		
2377	2011.06.18 20:31:04.6	N37°37.0'	E141°49.2'	E OFF FUKUSHIMA PREF	27.6	6.0	●	●	●	●	●	●		●	●		●	●			●		●	▲	●	●	●		●	●	●	●		●			●		茨木白川:UD不良
2378	2011.06.20 11:09:10.5	N34°13.6'	E135°05.4'	NW WAKAYAMA PREF	8.7	2.3																								●									
2379	2011.06.21 17:49:39.9	N35°45.5'	E141°28.4'	FAR E OFF IBARAKI PREF	21.1	5.5			●	●		●			●								●	▲	●	●					●			●					茨木白川:UD不良
2380	2011.06.22 04:21:08.7	N34°31.9'	E137°09.4'	ENSYUNADA	28.6	3.4																			●														
2381	2011.06.23 06:50:50.7	N39°56.8'	E142°35.4'	E OFF IWATE PREF	36.4	6.9	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2382	2011.06.24 07:47:16.1	N35°08.3'	E135°53.3'	NW SHIGA PREF	10.8	2.8																															●		
2383	2011.06.24 12:09:39.4	N52°03.0'	W171°50.1'	FOX ISLANDS,ALEUTIAN IS.	52.0	6.9	○	○	○	○	○	○		○	○		○		○		○	○	○	△					○	○	○	○		○					茨木白川:UD不良
2384	2011.06.30 08:16:37.0	N36°11.3'	E137°57.2'	CENTRAL NAGANO PREF	4.3	5.4		●	●	●	●	●		●	●		●		●		●	●	●	●	●	●	●			●	●	●		●			●		
2385	2011.06.30 08:21:33.7	N36°11.3'	E137°57.2'	CENTRAL NAGANO PREF	3.6	5.1		●	↑	●	●	●		●	↑						↑		↑	↑	●	●				●	↑			●			●		
2386	2011.07.04 11:07:11.8	N33°55.8'	E135°32.8'	CENTRAL WAKAYAMA PREF	46.4	4.1	●	●				●		●	●		●	●	●		●		●	●	●				●	●	●			●	●		●		
2387	2011.07.04 22:59:03.9	N34°39.6'	E135°06.6'	SE HYOGO PREF	7.4	1.7															●																		
2388	2011.07.05 19:18:43.4	N33°59.4'	E135°14.0'	CENTRAL WAKAYAMA PREF	7.3	5.5	●	●	●	●	●			●	●		●		●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2389	2011.07.05 19:34:55.6	N33°59.7'	E135°14.5'	CENTRAL WAKAYAMA PREF	7.0	4.5	●	●	●	●	●	●		●	●		●		●		●	●	●	●	●	●	●		●	●	●			●	●		●		
2390	2011.07.07 00:15:00.0	N36°22.4'	E141°47.2'	FAR E OFF IBARAKI PREF	76.3	5.9		●	●	●	●	●		●	●		●				●		●	●	●	●	●				●			●					

関西地震観測研究協議会　2011年観測記録一覧（5）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2391	2011.07.07 04:03:18.2	S29°32.3'	W176°20.4'	KERMADEC ISLANDS REGION	17.0	7.0		○	○	○	○	○		○	○		○				○		○	○	○	○	○				○			○					
2392	2011.07.08 03:35:41.8	N37°05.8'	E141°07.7'	E OFF FUKUSHIMA PREF	55.4	5.6			●	●		●			●								●	●	●	●								●					
2393	2011.07.10 09:57:07.3	N38°01.9'	E143°30.4'	FAR E OFF MIYAGI PREF	34.0	7.3	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2394	2011.07.11 11:35:52.8	N34°03.6'	E135°15.4'	NW WAKAYAMA PREF	7.8	2.7																								●									
2395	2011.07.13 05:47:09.7	N37°17.4'	E141°10.4'	E OFF FUKUSHIMA PREF	14.2	5.3									●								●																
2396	2011.07.14 06:46:05.3	N34°17.2'	E136°23.1'	SHIMA PENINSULA REGION	35.3	3.2																												●					
2397	2011.07.14 13:10:49.4	N36°53.7'	E141°31.1'	E OFF FUKUSHIMA PREF	28.6	5.4									●								●	●															
2398	2011.07.15 10:31:42.7	N34°45.6'	E135°48.4'	KYOTO OSAKA BORDER REG	11.1	3.4		●			●			●	●						●		●	●	●		●		●		●	●		●			●		
2399	2011.07.15 14:07:47.7	N34°45.9'	E135°48.4'	KYOTO OSAKA BORDER REG	11.4	2.6																												●					
2400	2011.07.15 21:01:10.8	N36°09.8'	E140°05.0'	SW IBARAKI PREF	66.3	5.4			●	●	●	●		●	●						●		●	●	●	●	●			●	●			●			●		
2401	2011.07.23 13:34:23.8	N38°52.4'	E142°05.4'	KINKAZAN REGION	47.1	6.4	●	●	●	●	●	●		●	●		●		●		●	●	●	●	●	●					●	●		●			●		
2402	2011.07.24 23:32:12.4	N33°55.2'	E136°08.3'	SOUTHERN MIE PREF	42.2	4.8	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2403	2011.07.25 03:51:25.3	N37°42.5'	E141°37.6'	E OFF FUKUSHIMA PREF	45.8	6.3	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●			●		
2404	2011.07.25 20:54:48.9	N35°14.6'	E141°13.9'	E OFF BOSO PENINSULA	36.9	5.7		●	●	●	●	●		●	●						●		●	●	●	●	●				●			●			●		
2405	2011.07.29 23:53:17.4	N36°41.2'	E142°08.0'	E OFF FUKUSHIMA PREF	29.0	5.6			●	●	●	●		●	●						●		●	●	●	●	●				●			●			●		
2406	2011.07.30 10:07:04.7	N34°05.3'	E135°13.1'	NW WAKAYAMA PREF	6.5	4.0	●	●				●			●		●	●	●				●	●	●					●				●					
2407	2011.07.30 19:38:39.5	N34°14.0'	E135°06.9'	NW WAKAYAMA PREF	6.9	2.5																								●									
2408	2011.07.30 21:18:02.9	N34°02.2'	E135°16.2'	NW WAKAYAMA PREF	5.9	3.2																								●									
2409	2011.07.31 03:53:50.6	N36°54.1'	E141°13.2'	E OFF FUKUSHIMA PREF	57.3	6.5	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2410	2011.07.31 07:13:48.8	N34°11.4'	E135°09.5'	NW WAKAYAMA PREF	6.9	2.2																								●									
2411	2011.07.31 19:54:00.0	N34°10.6'	E135°10.2'	NW WAKAYAMA PREF	4.8	2.2																								●									
2412	2011.08.01 23:58:11.0	N34°42.4'	E138°32.9'	SOUTHERN SURUGA BAY REG	23.0	6.2	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2413	2011.08.02 14:22:14.1	N34°12.6'	E135°07.6'	NW WAKAYAMA PREF	6.7	2.0																								●									
2414	2011.08.09 11:26:01.2	N34°10.1'	E135°11.6'	NW WAKAYAMA PREF	7.5	2.8																								●									
2415	2011.08.10 08:13:21.7	N34°03.0'	E135°31.2'	NE WAKAYAMA PREF	61.2	4.7	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2416	2011.08.12 03:22:04.7	N36°58.1'	E141°09.6'	E OFF FUKUSHIMA PREF	52.2	6.1	●	●	●	●	●	●		●	●		●	●			●		●	●	●	●	●		●	●	●	●		●			●		
2417	2011.08.12 04:37:45.4	N34°24.5'	E138°04.9'	ENSYUNADA	26.9	5.2	●	●	●	●	●	●		●	●		●	●	●		●		●	●	●	●	●		●	●	●	●		●			●		
2418	2011.08.17 20:44:08.6	N36°46.1'	E143°45.8'	FAR E OFF CENTRAL HONSHU	52.0	6.2			●			●			●								●			●								●					
2419	2011.08.19 14:36:31.6	N37°38.9'	E141°47.8'	E OFF FUKUSHIMA PREF	51.1	6.5	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2420	2011.08.22 20:23:35.3	N36°06.4'	E141°59.0'	FAR E OFF IBARAKI PREF	34.0	6.1	●	●	●	●	●	●		●	●		●		●		●		●	●	●	●	●		●		●	●		●	●		●		
2421	2011.08.23 20:00:16.5	N34°10.2'	E135°11.7'	NW WAKAYAMA PREF	7.7	2.9																								●									
2422	2011.08.27 23:31:59.0	N33°49.7'	E135°35.1'	SOUTHERN WAKAYAMA PREF	41.0	3.4		●										●												●									
2423	2011.08.28 18:23:05.1	N34°04.1'	E135°20.0'	NW WAKAYAMA PREF	5.4	3.8		●																●					●	●				●					
2424	2011.08.28 18:23:42.6	N34°04.2'	E135°19.8'	NW WAKAYAMA PREF	5.7	3.2		↑																↑					↑	↑				↑					
2425	2011.08.30 13:17:58.3	N34°01.6'	E136°32.2'	SE OFF KII PENINSULA	16.4	3.6																												●					
2426	2011.09.03 06:56:53.7	N34°19.7'	E136°03.0'	SOUTHERN NARA PREF	53.3	3.6						●			●			●					●	●	●		●		●					●			●		
2427	2011.09.04 00:18:02.1	N33°01.8'	E134°53.2'	SE OFF SHIKOKU	43.1	3.2																								●									
2428	2011.09.08 21:33:55.2	N34°43.7'	E135°16.4'	SE HYOGO PREF	6.3	1.6		●																															
2429	2011.09.15 09:11:55.8	N34°10.8'	E135°12.0'	NW WAKAYAMA PREF	5.8	2.6																								●									
2430	2011.09.15 17:00:08.6	N36°15.3'	E141°29.0'	FAR E OFF IBARAKI PREF	50.8	6.3	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2431	2011.09.16 07:15:07.1	N34°09.6'	E135°36.4'	NE WAKAYAMA PREF	67.2	4.3	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2432	2011.09.17 04:26:35.8	N40°15.5'	E143°05.1'	NE OFF IWATE PREF	7.4	6.6	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2433	2011.09.17 06:08:02.5	N40°14.8'	E143°12.7'	FAR E OFF SANRIKU	3.6	6.1		●	●	●	●	●		●	●						●		●	●	●						●			●			●		
2434	2011.09.19 05:14:35.9	N34°42.5'	E135°16.9'	SE HYOGO PREF	8.6	1.6		●																															
2435	2011.09.22 13:02:14.1	N35°02.9'	E135°33.0'	KYOTO OSAKA BORDER REG	12.0	2.5																										●							
2436	2011.09.29 19:05:05.6	N37°07.9'	E140°52.1'	EASTERN FUKUSHIMA PREF	8.8	5.4			●			●			●								●			●					●			●					
2437	2011.10.02 13:38:00.5	N33°52.1'	E135°30.6'	CENTRAL WAKAYAMA PREF	48.6	3.5		●													●									●									
2438	2011.10.04 19:19:30.0	N34°02.5'	E134°04.9'	TOKUSHIMA PREF	44.0	4.2	●	●	●			●		●	●						●				●					●				●	●		●		
2439	2011.10.05 18:59:58.7	N36°31.9'	E137°39.0'	HIDA MOUNTAINS REGION	0.6	5.4	●	●	●	●	●	●		●	●		●	●			●	●	●	●	●	●					●	●		●			●		
2440	2011.10.05 19:06:10.1	N36°32.9'	E137°38.8'	HIDA MOUNTAINS REGION	0.0	5.2			●	●	●	●		●	↑		●				●		↑	●	●	●					●			●			●		

関西地震観測研究協議会　2011年観測記録一覧（6）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考
2441	2011.10.06 19:37:12.6	N36°34.0'	E137°39.1'	HIDA MOUNTAINS REGION	1.2	4.7						●			●								●										●						
2442	2011.10.08 06:11:38.7	N33°50.1'	E134°59.3'	S PART OF KII CHANNEL	12.7	4.2	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●			●	●		●		
2443	2011.10.09 16:18:25.9	N34°30.2'	E135°29.4'	OSAKA PREF	11.7	3.9	●	●	●	●	●	●		●	●		●	●			●	●	●	●	●	●	●		●	●	●	●		●	●		●		
2444	2011.10.10 11:45:57.0	N37°30.4'	E141°29.1'	E OFF FUKUSHIMA PREF	46.9	5.6			●	●		●			●								●		●	●					●			●					
2445	2011.10.10 16:09:38.2	N34°13.2'	E135°11.9'	NW WAKAYAMA PREF	6.1	2.7																								●									
2446	2011.10.20 09:13:10.6	N34°08.9'	E135°07.6'	NW WAKAYAMA PREF	6.5	2.8																								●									
2447	2011.10.21 17:02:36.9	N43°47.6'	E142°39.1'	KAMIKAWA-SORACHI REGION	195.5	6.3			●			●			●								●										●						
2448	2011.10.22 02:57:16.1	S28°59.5'	W176°14.2'	KERMADEC ISLANDS REGION	33.0	6.4		○						○	○			○					○		○				○			○		○			○		
2449	2011.10.23 12:35:28.3	N33°49.7'	E134°58.7'	S PART OF KII CHANNEL	12.6	3.7												●												●									
2450	2011.10.24 08:57:42.4	N33°49.7'	E134°58.7'	S PART OF KII CHANNEL	12.5	3.6													●											●									
2451	2011.10.25 22:37:36.7	N33°24.7'	E134°48.3'	SE OFF SHIKOKU	38.4	4.0						●			●				●		●									●									
2452	2011.10.26 04:34:12.7	N32°10.5'	E138°23.0'	FAR S OFF TOKAI DISTRICT	45.0	4.9						●			●								●	●	●				●					●					
2453	2011.10.27 02:23:52.2	N34°08.6'	E135°05.0'	NW WAKAYAMA PREF	8.9	2.7																								●									
2454	2011.10.28 19:57:43.5	N34°02.2'	E135°16.2'	NW WAKAYAMA PREF	6.3	3.2																								●									
2455	2011.11.01 15:32:26.4	N34°59.3'	E135°43.4'	KYOTO OSAKA BORDER REG	6.3	2.3																			●								●			●			
2456	2011.11.05 13:18:50.4	N33°44.1'	E134°55.3'	S PART OF KII CHANNEL	41.1	3.8													●		●									●									今福:記録後半にノイズ
2457	2011.11.07 19:06:24.6	N34°12.6'	E135°18.7'	NW WAKAYAMA PREF	6.5	3.3		●							●		●	●			●		●							●									
2458	2011.11.08 11:59:06.9	N27°17.8'	E125°44.3'	EAST CHINA SEA REGION	217.0	7.0						●			●								●							●				●					
2459	2011.11.08 12:13:49.2	N31°23.6'	E142°20.6'	NEAR TORISHIMA IS	66.0	4.8									●																			●					
2460	2011.11.10 18:55:59.2	N35°11.5'	E136°44.9'	CENTRAL AICHI PREF	14.1	3.9		●				●			●								●	●	●	●			●					●			●		
2461	2011.11.15 01:06:13.9	N34°56.8'	E135°30.0'	KYOTO OSAKA BORDER REG	12.9	2.8																			●														
2462	2011.11.17 18:42:59.5	N35°49.1'	E141°53.9'	FAR E OFF IBARAKI PREF	19.9	5.1																												●					
2463	2011.11.17 19:09:47.3	N35°56.0'	E136°20.2'	CENTRAL FUKUI PREF	7.6	3.7																												●					
2464	2011.11.18 03:57:56.2	N35°56.0'	E136°20.2'	CENTRAL FUKUI PREF	7.1	4.8	●	●	●	●	●	●		●	●		●	●			●	●	●	●	●	●	●		●	●	●	●		●			●		
2465	2011.11.18 11:14:07.4	N35°08.8'	E135°41.2'	MID KYOTO PREF	9.6	2.5																			●														
2466	2011.11.20 06:59:12.1	N34°12.1'	E135°42.0'	NE WAKAYAMA PREF	61.6	3.1																	●																
2467	2011.11.20 10:23:40.7	N36°42.6'	E140°35.2'	NORTHERN IBARAKI PREF	8.9	5.3									●								●																
2468	2011.11.20 15:19:50.1	N34°30.4'	E135°32.4'	OSAKA PREF	12.9	2.1												●																					
2469	2011.11.21 19:16:29.5	N34°52.3'	E132°53.6'	SHIMANE HIROSHIMA BORDER	11.6	5.4	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●			●		
2470	2011.11.22 02:38:51.9	N35°55.8'	E136°20.4'	CENTRAL FUKUI PREF	8.2	3.6																												●					
2471	2011.11.24 04:24:30.4	N37°19.8'	E141°36.7'	E OFF FUKUSHIMA PREF	45.4	6.1	●	●	●	●	●	●		●	●		●	●	●		●		●	●	●	●	●		●	●	●	●		●			●		
2472	2011.11.24 19:25:33.7	N41°45.0'	E142°53.2'	S OFF URAKAWA	43.2	6.2			●	●		●			●								●											●					
2473	2011.11.25 04:35:26.9	N34°52.2'	E132°53.6'	SHIMANE HIROSHIMA BORDER	12.4	4.7	●	●	●	●		●		●	●				●		●	●	●	●	●	●				●				●			●		
2474	2011.11.25 04:52:24.3	N34°52.1'	E132°53.7'	SHIMANE HIROSHIMA BORDER	12.6	4.3															●				●														
2475	2011.12.03 05:55:29.0	N35°21.1'	E140°19.3'	KUJUKURI COAST BOSO PEN	22.0	5.2			●		●	●			●								●	●	●	●								●					
2476	2011.12.14 13:01:08.2	N35°21.3'	E137°14.6'	SE GIFU PREF	48.8	5.1	●	●	●	●	●	●		●	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●		●			●		
2477	2011.12.16 05:00:30.5	N34°09.9'	E135°03.5'	NW WAKAYAMA PREF	11.0	2.7																								●									
2478	2011.12.19 08:58:51.2	N35°21.1'	E135°47.0'	WESTERN FUKUI PREF	7.5	3.6																			●	●								●			●		
2479	2011.12.20 06:29:54.6	N35°09.2'	E135°41.6'	MID KYOTO PREF	9.7	3.1																												●			●		
2480	2011.12.25 02:56:33.1	N34°43.2'	E135°20.4'	SE HYOGO PREF	6.4	2.8	●	●	●																														
2481	2011.12.27 18:04:29.3	N31°16.0'	E140°52.5'	NEAR TORISHIMA IS	78.0	5.3																												●					
2482	2011.12.28 05:40:43.2	N34°13.2'	E135°13.5'	NW WAKAYAMA PREF	3.3	1.9																								●									
2483	2011.12.28 10:04:49.8	N34°09.3'	E135°11.2'	NW WAKAYAMA PREF	6.2	2.6																								●									

関西地震観測研究協議会　2011年観測記録一覧（7）

2014/12/23 17:44更新

	発震時	震央緯度	震央経度	震源位置	震源深さ(km)	M	神戸大学	神戸本山	尼崎	福島	森河内	盾津	弥栄	豊中	堺新湊	堺	忠岡	千早	洲本上灘2	洲本上灘	神戸須磨	猪名川木津	大阪市大	茨木白川	京都樫原	草津山田	奈良大宮	奈良四条	桜井初瀬	和歌山今福	阿倍野	京大桂	京大工	醍醐	神戸垂水	炭山	京大総人	清水寺	備考

【観測点について】

・阿倍野，京大工，神戸垂水，炭山，京大総人，京大桂は管理観測点である。
・清水寺は記録提供観測点である。

【凡例】　●：アスキーファイル化済み
▲：アスキーファイル化済み（記録が一部不良）
○：バイナリ形式で保存（遠地地震のため，表面波のみ顕著な記録）
△：バイナリ形式で保存（遠地地震のため，表面波のみ顕著な記録；記録が一部不良）

◎アルファベット表記について（深発地震記録に対して適用）

P-S ： P波の頭からS波まで，連続した波が取れている。
P　 ： P波の頭から記録を開始していて，S波は含まれていない。
S　 ： P波の途中から記録を開始していて，S波は頭から取れている。
p　 ： P波の途中から記録を開始していて，S波は含まれていない。
s　 ： S波の途中から記録を開始している。
注）それぞれの波が独立したファイルとなっている場合は，コンマで区切っている。（例：'P,s'）

【注意】　・注意事項は，備考欄を参照。

【震源情報について】

気象庁の地震月報(カタログ編)による。