

関西地震観測研究協議会 1999年観測記録一覧(1)

2014/12/23 16:54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 | 唐津 | 弥栄 | 豊中 | 堺新湊 | 堺 | 忠岡 | 洲本上瀬2 | 洲本上瀬 | 神戸須磨 | 猪名川木津 | 大阪市大 | 茨木白川 | 京都椋原 | 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 | | | |
|-----|-----------------------|------------|-------------|--------------------------|-------|------|------|------|----|-----|----|----|-----|------|---|----|-------|------|------|-------|------|------|------|------|------|------|------|-------|-----|-----|------|----|------|----|------|-----|----|---|--------|--------|
| 380 | 1999.01.03 04:19:46.8 | N34° 13.0' | E135° 12.3' | NW WAKAYAMA PREF | 6.8 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 381 | 1999.01.03 05:24:21.6 | N34° 13.0' | E135° 12.4' | NW WAKAYAMA PREF | 7.3 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 382 | 1999.01.09 23:00:15.1 | N35° 00.4' | E135° 31.9' | KYOTO OSAKA BORDER REG | 15.1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 383 | 1999.01.11 04:21:27.5 | N34° 12.8' | E135° 09.4' | NW WAKAYAMA PREF | 8.6 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 384 | 1999.01.11 09:10:39.4 | N36° 02.7' | E136° 44.6' | FUKUI GIFU BORDER REGION | 6.3 | 4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 385 | 1999.01.12 11:32:28.8 | N26° 51.3' | E140° 41.6' | W OFF OGASAWARA | 468.8 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 386 | 1999.01.21 07:26:21.0 | N34° 36.3' | E135° 02.4' | AWAJISHIMA ISLAND REGION | 16.1 | 3.5 | ▲ | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 神大:UD× | |
| 387 | 1999.01.24 09:37:06.0 | N30° 34.1' | E131° 17.4' | NEAR TANEGASHIMA ISLAND | 39.9 | 6.6 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 388 | 1999.01.28 10:25:45.9 | N36° 22.3' | E137° 58.9' | CENTRAL NAGANO PREF | 9.3 | 4.8 | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 389 | 1999.02.03 09:04:32.6 | N33° 46.7' | E135° 25.1' | SOUTHERN WAKAYAMA PREF | 46.1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 390 | 1999.02.06 07:19:34.5 | N34° 59.0' | E135° 34.4' | KYOTO OSAKA BORDER REG | 8.0 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 391 | 1999.02.12 03:16:45.6 | N34° 59.5' | E135° 33.5' | KYOTO OSAKA BORDER REG | 14.8 | 4.2 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 392 | 1999.02.18 17:45:30.1 | N34° 21.4' | E136° 06.5' | SOUTHERN MIE PREF | 8.5 | 4.1 | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 393 | 1999.02.20 05:36:09.0 | N34° 14.4' | E135° 10.6' | NW WAKAYAMA PREF | 9.4 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 394 | 1999.02.21 02:23:34.8 | N34° 50.6' | E135° 35.2' | KYOTO OSAKA BORDER REG | 13.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 395 | 1999.02.26 04:36:22.7 | N34° 42.0' | E135° 07.1' | SE HYOGO PREF | 12.4 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 396 | 1999.02.27 23:36:08.8 | N34° 13.8' | E135° 10.9' | NW WAKAYAMA PREF | 8.2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 397 | 1999.02.28 19:33:03.3 | N34° 54.8' | E135° 25.9' | KYOTO OSAKA BORDER REG | 8.5 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 398 | 1999.03.01 14:36:57.3 | N34° 24.0' | E136° 12.1' | SOUTHERN MIE PREF | 13.7 | 3.8 | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 399 | 1999.03.02 16:12:18.1 | N35° 40.7' | E142° 07.8' | FAR E OFF KANTO | 53.0 | 6.3 | | | ▲ | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 尼崎:UD× |
| 400 | 1999.03.12 15:32:02.7 | N34° 09.0' | E135° 12.2' | NW WAKAYAMA PREF | 8.9 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 401 | 1999.03.12 23:24:25.7 | N34° 59.1' | E135° 33.9' | KYOTO OSAKA BORDER REG | 15.0 | 4.0 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 402 | 1999.03.14 04:15:51.1 | N35° 08.8' | E135° 44.3' | MID KYOTO PREF | 12.4 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 403 | 1999.03.16 16:43:35.3 | N35° 16.6' | E135° 55.8' | NW SHIGA PREF | 11.6 | 5.2 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 404 | 1999.03.21 04:51:43.6 | N34° 11.7' | E135° 10.6' | NW WAKAYAMA PREF | 8.0 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 405 | 1999.03.25 00:07:41.4 | N33° 45.3' | E135° 15.2' | CENTRAL WAKAYAMA PREF | 45.3 | 4.3 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 406 | 1999.03.28 01:37:03.5 | N34° 05.9' | E139° 00.4' | NEAR NIJIMA ISLAND | 14.0 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 407 | 1999.04.02 14:43:22.3 | N34° 13.7' | E135° 09.4' | NW WAKAYAMA PREF | 8.8 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 408 | 1999.04.05 20:08:04.0 | S05° 35.4' | E149° 34.0' | NEW BRITAIN, P. N. G. | 150.0 | 6.2 | | | | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 409 | 1999.04.08 22:10:34.1 | N43° 33.0' | E130° 59.4' | NEAR VLADIVOSTOK | 633.0 | 7.1 | S | P, S | S | P-S | S | S | P-S | P, S | S | S | P, S | S | P, S | P, S | P-S | P-S | P-S | P-S | P-S | S | P, S | P-S | S | S | P, S | | | | | | | | | |
| 410 | 1999.04.16 11:04:34.3 | N34° 59.1' | E135° 33.9' | KYOTO OSAKA BORDER REG | 14.7 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 411 | 1999.04.17 17:31:10.6 | N34° 58.3' | E134° 43.0' | SW HYOGO PREF | 17.7 | 3.8 | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 412 | 1999.04.19 15:18:02.0 | N34° 29.6' | E135° 05.4' | OSAKA BAY REGION | 13.9 | 3.3 | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 413 | 1999.04.25 21:27:02.9 | N36° 27.3' | E140° 37.3' | NORTHERN IBARAKI PREF | 59.4 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 414 | 1999.05.01 18:11:55.0 | N34° 36.3' | E135° 02.2' | AWAJISHIMA ISLAND REGION | 16.0 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 415 | 1999.05.07 21:48:25.5 | N35° 12.7' | E138° 20.3' | CENTRAL SHIZUOKA PREF | 19.8 | 4.9 | | | | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 416 | 1999.05.14 02:19:49.9 | N35° 05.5' | E135° 25.5' | MID KYOTO PREF | 15.2 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 417 | 1999.05.16 09:25:03.1 | N34° 22.3' | E136° 02.8' | SOUTHERN NARA PREF | 9.1 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 418 | 1999.05.18 10:21:15.0 | N34° 51.7' | E134° 46.1' | SW HYOGO PREF | 13.9 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 419 | 1999.06.06 16:49:05.5 | N34° 23.0' | E134° 44.3' | AWAJISHIMA ISLAND REGION | 16.2 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 420 | 1999.06.07 23:06:42.4 | N34° 10.2' | E135° 02.8' | NW WAKAYAMA PREF | 11.8 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 421 | 1999.06.14 04:42:16.6 | N35° 13.9' | E135° 17.6' | MID KYOTO PREF | 11.1 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 422 | 1999.06.16 10:59:22.3 | N34° 12.2' | E135° 07.9' | NW WAKAYAMA PREF | 8.6 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 423 | 1999.06.20 10:08:08.8 | N34° 40.7' | E135° 09.6' | SE HYOGO PREF | 12.1 | 2.9 | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 424 | 1999.06.30 11:02:54.6 | N34° 56.3' | E135° 21.1' | SE HYOGO PREF | 7.4 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 425 | 1999.07.03 14:30:12.5 | N26° 34.1' | E141° 09.4' | W OFF OGASAWARA | 448.9 | 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 426 | 1999.07.09 05:06:46.7 | N34° 12.0' | E135° 09.2' | NW WAKAYAMA PREF | 8.4 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 427 | 1999.07.15 00:53:17.4 | N34° 47.0' | E135° 19.1' | SE HYOGO PREF | 10.8 | 3.0 | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 428 | 1999.07.15 19:25:46.0 | N34° 38.7' | E135° 08.1' | OSAKA BAY REGION | 12.7 | 3.9 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 429 | 1999.07.18 00:27:13.1 | N34° 09.1' | E135° 48.5' | SOUTHERN NARA PREF | 51.6 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

関西地震観測研究協議会 1999年観測記録一覧 (2)

2014/12/23 16:54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 | 唐津 | 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 | 京都椋原 | 草津山田 | 奈良大宮 | 奈良四條 | 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 | | | |
|-----|-----------------------|------------|-------------|---------------------------|------|------|------|----|----|-----|----|----|----|-----|---|----|----|-------|------|------|-------|------|------|------|------|------|------|------|-------|-----|-----|-----|----|------|----|------|-----|----|--------|--------|--|
| 430 | 1999.07.19 05:14:49.1 | N33° 47.1' | E134° 19.7' | TOKUSHIMA PREF | 8.8 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 431 | 1999.07.29 21:30:41.3 | N34° 13.5' | E135° 12.8' | NW WAKAYAMA PREF | 7.1 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 432 | 1999.08.02 04:58:14.3 | N34° 26.5' | E135° 20.4' | OSAKA BAY REGION | 11.2 | 3.9 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | |
| 433 | 1999.08.02 18:29:35.7 | N35° 58.0' | E137° 28.1' | NORTHERN GIFU PREF | 8.4 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 434 | 1999.08.07 12:30:02.1 | N34° 24.3' | E136° 11.4' | SOUTHERN MIE PREF | 11.8 | 3.4 | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | |
| 435 | 1999.08.07 19:33:01.4 | N34° 11.4' | E135° 05.4' | NW WAKAYAMA PREF | 9.4 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 436 | 1999.08.08 09:08:22.9 | N34° 29.9' | E135° 16.1' | OSAKA BAY REGION | 11.4 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 437 | 1999.08.12 05:10:03.6 | N34° 15.0' | E135° 11.5' | NW WAKAYAMA PREF | 8.5 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 438 | 1999.08.12 05:11:18.5 | N34° 15.0' | E135° 11.4' | NW WAKAYAMA PREF | 8.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 439 | 1999.08.17 09:01:39.1 | N40° 44.8' | E029° 51.8' | TURKEY | 17.0 | 6.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 440 | 1999.08.21 05:33:11.3 | N34° 01.8' | E135° 28.2' | CENTRAL WAKAYAMA PREF | 65.8 | 5.6 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 京工:時計× | | |
| 441 | 1999.08.26 00:15:56.7 | N34° 13.5' | E135° 07.5' | NW WAKAYAMA PREF | 9.0 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 442 | 1999.08.31 16:34:49.5 | N34° 11.7' | E135° 07.6' | NW WAKAYAMA PREF | 9.4 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 443 | 1999.09.21 02:47:28.6 | N23° 52.6' | E120° 55.8' | TAIWAN REGION | 0.0 | 7.7 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | 京工:時計× | | |
| 444 | 1999.10.12 03:16:18.7 | N34° 12.1' | E135° 51.0' | SOUTHERN NARA PREF | 61.7 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 445 | 1999.10.14 03:09:14.3 | N34° 11.1' | E135° 09.4' | NW WAKAYAMA PREF | 8.0 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 446 | 1999.10.20 23:13:17.9 | N34° 11.5' | E135° 12.4' | NW WAKAYAMA PREF | 7.0 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 447 | 1999.10.30 06:25:50.8 | N34° 02.8' | E133° 30.1' | HIUCHINADA SETONAIKAI | 13.1 | 4.6 | | ● | ● | ● | | ● | | | | | | | | ● | ● | | | | | | | | | | | | | | | | | | | | |
| 448 | 1999.11.01 01:52:34.5 | N33° 50.8' | E135° 29.8' | CENTRAL WAKAYAMA PREF | 50.2 | 3.7 | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 449 | 1999.11.02 14:55:35.3 | N34° 02.0' | E135° 18.3' | NW WAKAYAMA PREF | 7.4 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 1999.11.03 12:53:57.2 | N34° 11.5' | E135° 13.4' | NW WAKAYAMA PREF | 7.8 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 451 | 1999.11.03 12:54:27.2 | N34° 11.6' | E135° 14.1' | NW WAKAYAMA PREF | 6.6 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 452 | 1999.11.03 13:07:27.3 | N34° 11.8' | E135° 13.8' | NW WAKAYAMA PREF | 7.5 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 453 | 1999.11.07 03:34:01.6 | N36° 03.5' | E135° 47.6' | NW OFF KINKI DISTRICT | 15.0 | 5.0 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 京工:時計× | | |
| 454 | 1999.11.10 22:24:49.0 | N35° 15.4' | E135° 50.8' | NW SHIGA PREF | 17.3 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 455 | 1999.11.29 21:34:04.1 | N35° 06.7' | E137° 01.5' | CENTRAL AICHI PREF | 44.9 | 4.8 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 京工:時計× | |
| 456 | 1999.12.12 03:03:36.4 | N15° 45.9' | E119° 44.4' | LUZON, PHILIPPINE ISLANDS | 33.0 | 6.5 | ○ | ○ | ○ | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- 【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)
 - ↑ : 矢印が示すファイルに含まれている記録

◎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】**
- ・醍醐は、時刻校正不可の場合が多いため、時刻参照の際は注意が必要。(アスキーファイルの16行目で判断可能)
 - ・その他、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。