

VENUS IN CONJUNCTION WITH OUTER PLANET (EARTH-NEPTUNE)

period: 2015-01-01 - 2023-03-12

earthquakes: 42

earthquake source: EMSC

planetary data source: SSGEOS

Planetary data are generated with Solpage based on the VSOP87 solution. Non-heliocentric coordinates are converted through vector rotation.

match is marked red

xB = days before earthquake

xA = days after earthquake

2015-04-25, 06:11:26 M 7.8 NEPAL

Venus-Mercury-Neptune	2015-04-18, 11:21:54	336°46'44"
Earth-Mercury-Mars	2015-04-22, 22:59:55	46°06'10"
Sun-Venus-Jupiter	2015-04-25, 23:08:45	143°34'13": 1A

2015-05-30, 11:23:03 M 7.8 BONIN ISLANDS, JAPAN REGION

Earth-Mercury-Mars	2015-05-27, 10:22:30	70°32'11"
Sun-Mercury-Saturn	2015-05-28, 2:35:18	241°34'23"
Venus-Sun-Uranus	2015-05-28, 19:24:51	16°48'38": 2B
Venus-Mercury-Neptune	2015-05-29, 21:55:22	338°30'12": 1B
Sun-Mercury-Earth	2015-05-30, 16:48:45	248°45'28"

2015-09-16, 22:54:31 M 8.3 OFFSHORE COQUIMBO, CHILE

Jupiter-Venus-Neptune	2015-09-10, 15:25:43	337°38'08"
Mercury-Sun-Mars	2015-09-15, 17:39:27	126°58'09"
Jupiter-Earth-Neptune	2015-09-17, 5:42:22	337°44'48"

2015-10-26, 09:09:32 M 7.5 HINDU KUSH REGION, AFGHANISTAN

Sun-Mercury-Mars	2015-10-24, 1:14:16	143°55'55"
Jupiter-Mercury-Neptune	2015-10-24, 17:10:15	338°22'41"
Earth-Venus-Jupiter	2015-10-25, 20:07:11	165°25'54": 1B
Mercury-Earth-Uranus	2015-10-25, 22:45:35	17°43'39"
Sun-Mercury-Jupiter	2015-10-26, 21:01:17	157°50'42"
Mercury-Sun-Neptune	2015-10-27, 0:27:48	338°31'04"

2015-11-24, 22:45:40 M 7.6 CENTRAL PERU *

Mercury-Sun-Earth	2015-11-17, 14:34:16	54°42'12"
Sun-Mercury-Saturn	2015-11-21, 23:59:14	246°59'39"
Venus-Earth-Uranus	2015-11-23, 22:02:11	16°45'49": 1B
Earth-Mercury-Saturn	2015-11-25, 4:51:26	246°40'04"
Mars-Sun-Neptune	2015-11-26, 20:09:33	338°42'11"

* second earthquake occurred in the same area at 22:50:54

2016-03-02, 12:49:48 M 7.8 SOUTHWEST OF SUMATRA, INDONESIA

Mars-Sun-Uranus	2016-02-27,	1:12:54	19°46'09"
Jupiter-Venus-Neptune	2016-02-28,	2:04:19	340°30'11": 3B
Earth-Sun-Neptune	2016-02-28,	15:48:52	339°16'01"
Sun-Mercury-Venus	2016-03-01,	2:03:05	280°39'31"

2016-04-16, 23:58:37 M 7.8 NEAR COAST OF ECUADOR

Earth-Sun-Uranus	2016-04-09,	21:28:29	20°13'55"
Venus-Sun-Jupiter	2016-04-14,	10:51:54	170°53'45": 2B
Mercury-Venus-Neptune	2016-04-14,	17:07:10	339°15'14": 2B

2016-07-29, 21:18:30 M 7.7 PAGAN REGION, NORTH MARIANA ISLANDS

Mercury-Sun-Uranus	2016-07-27,	16:56:53	21°24'29"
Venus-Sun-Neptune	2016-07-28,	14:06:56	340°10'28": 1B

2016-08-19, 07:32:23 M 7.5 SOUTH GEORGIA ISLAND REGION

Venus-Earth-Neptune	2016-08-14,	16:45:39	340°54'08"
Sun-Mercury-Saturn	2016-08-14,	20:20:02	255°04'49"
Venus-Mercury-Neptune	2016-08-20,	21:50:16	341°08'24": 1A

2016-11-13, 11:02:58 M 7.9 SOUTH ISLAND OF NEW ZEALAND

Mercury-Venus-Mars	2016-11-08,	8:52:53	0°34'30"
Venus-Mercury-Jupiter	2016-11-09,	4:52:43	182°09'32": 4B
Mars-Mercury-Jupiter	2016-11-10,	3:29:24	182°08'57"
Sun-Mercury-Saturn	2016-11-11,	19:05:07	257°45'57"

2016-12-08, 17:38:46 M 7.8 SOLOMON ISLANDS

Venus-Sun-Jupiter	2016-12-06,	9:20:30	188°45'58": 2B
Sun-Mercury-Neptune	2016-12-07,	18:29:55	340°58'10"
Mars-Mercury-Jupiter	2016-12-08,	16:19:27	187°26'07"
Earth-Sun-Saturn	2016-12-10,	11:54:06	258°37'54"

2016-12-17, 10:51:09 M 7.9 NEW IRELAND REGION, P.N.G.

Earth-Sun-Saturn	2016-12-10,	11:54:06	258°37'54"
Sun-Mercury-Mars	2016-12-12,	21:31:17	4°09'49"
Mercury-Sun-Jupiter	2016-12-13,	22:30:43	189°20'10"
Sun-Venus-Uranus	2016-12-15,	6:32:25	22°55'44": 2B
Sun-Mercury-Uranus	2016-12-16,	12:47:34	22°56'33"
Sun-Mercury-Venus	2016-12-17,	1:09:06	25°45'49"
Mercury-Venus-Uranus	2016-12-18,	22:40:38	22°44'59": 1A

2016-12-25, 14:22:26 M 7.6 ISLA CHILOE, LOS LAGOS, CHILE

Mercury-Venus-Uranus	2016-12-18,	22:40:38	22°44'59"
Mars-Sun-Jupiter	2016-12-22,	6:13:41	189°57'51"
Mercury-Sun-Saturn	2016-12-25,	21:26:57	259°05'45"

Jupiter-Earth-Uranus	2016-12-26,	17:43:10	20°19'28"
<u>2017-01-22, 04:30:23 M 7.9 BOUGAINVILLE REGION, P.N.G.</u>			
Sun-Mercury-Jupiter	2017-01-16,	22:48:28	191°54'12"
Mercury-Mars-Uranus	2017-01-17,	9:07:29	23°05'32"
Venus-Sun-Saturn	2017-01-19,	18:02:05	259°50'43": 3B
Mercury-Sun-Uranus	2017-01-20,	5:00:08	23°19'05"
Mercury-Sun-Mars	2017-01-21,	18:04:55	28°25'45"
<u>2017-07-17, 23:34:16 M 7.7 KOMANDORSKIYE OSTROVA REGION</u>			
Jupiter-Sun-Uranus	2017-07-11,	22:04:17	25°11'25"
Mercury-Sun-Uranus	2017-07-15,	17:15:53	25°13'53"
Sun-Mercury-Jupiter	2017-07-15,	19:05:07	205°29'00"
Jupiter-Mercury-Uranus	2017-07-16,	16:20:56	25°18'29"
<u>2017-09-08, 04:49:21 M 8.1 OFFSHORE CHIAPAS, MEXICO</u>			
Earth-Mercury-Mars	2017-09-03,	9:20:56	148°29'18"
Sun-Earth-Neptune	2017-09-05,	5:13:12	342°36'11"
Venus-Sun-Saturn	2017-09-05,	17:24:09	266°44'15": 3B
Sun-Mercury-Uranus	2017-09-06,	23:09:46	25°48'34"
Mercury-Sun-Jupiter	2017-09-07,	15:19:24	209°33'28"
<u>2018-01-10, 02:51:32 M 7.6 NORTH OF HONDURAS</u>			
Sun-Mercury-Mars	2018-01-04,	20:09:46	195°33'12"
Earth-Mars-Jupiter	2018-01-07,	0:34:31	227°40'43"
Mercury-Sun-Uranus	2018-01-08,	5:43:13	27°08'55"
Venus-Sun-Earth	2018-01-09,	6:21:41	108°41'12": 1B
Sun-Mercury-Jupiter	2018-01-12,	0:57:20	219°09'26"
<u>2018-01-23, 09:31:44 M 7.9 GULF OF ALASKA</u>			
Mercury-Venus-Neptune	2018-01-20,	2:21:54	344°17'37": 3B
<u>2018-02-25, 17:44:44 M 7.5 NEW GUINEA, PAPUA NEW GUINEA</u>			
Sun-Mercury-Neptune	2018-02-21,	5:53:56	343°37'16"
Mars-Mercury-Uranus	2018-02-21,	8:20:59	28°22'46"
Earth-Venus-Neptune	2018-02-21,	18:35:36	343°16'52": 4B
Mars-Venus-Uranus	2018-02-25,	9:53:09	28°33'40": 1B
Earth-Mercury-Neptune	2018-02-25,	12:19:55	343°25'18"
Sun-Mercury-Venus	2018-02-25,	15:58:13	3°46'53"
<u>2018-08-19, 00:19:37 M 8.2 FIJI REGION</u>			
Sun-Venus-Saturn	2018-08-14,	14:26:13	277°02'30"
Sun-Mercury-Neptune	2018-08-16,	10:24:10	344°40'59"
Venus-Mars-Neptune	2018-08-20,	4:10:00	345°54'44": 1A
<u>2018-09-06, 15:49:15 M 7.8 FIJI</u>			
Mercury-Sun-Jupiter	2018-08-30,	3:03:30	236°49'35"

Mercury-Sun-Saturn	2018-09-05,	15:19:43	277°42'14"
Sun-Earth-Neptune	2018-09-07,	18:12:18	344°49'04"

2018-09-28, 10:02:43 M 7.5 MINAHASA, SULAWESI, INDONESIA

Mercury-Sun-Earth	2018-09-21,	1:36:53	357°46'52"
Mercury-Venus-Neptune	2018-09-21,	15:08:37	345°05'32"
Mercury-Mars-Neptune	2018-09-22,	12:42:37	345°08'38"
Sun-Venus-Mars	2018-09-23,	23:13:52	340°54'40"
Sun-Venus-Neptune	2018-09-26,	12:02:14	344°55'51": 2B
Mercury-Sun-Uranus	2018-09-30,	0:48:00	30°01'54"
Sun-Mars-Neptune	2018-09-30,	8:13:27	344°57'14"

2018-12-05, 04:18:07 M 7.5 SOUTHEAST OF LOYALTY ISLANDS

Venus-Earth-Uranus	2018-12-01,	2:00:31	28°53'35": 4B
Sun-Mercury-Venus	2018-12-01,	10:56:11	90°29'56"
Mercury-Sun-Saturn	2018-12-03,	0:51:58	280°21'42"
Earth-Mars-Neptune	2018-12-07,	14:05:50	343°28'49"
Venus-Sun-Saturn	2018-12-07,	15:19:41	280°30'00": 2A

2019-02-22, 10:17:22 M 7.5 PERU ECUADOR BORDER REGION

Venus-Mercury-Uranus	2019-02-16,	10:43:33	31°40'53"
Sun-Mercury-Uranus	2019-02-17,	19:27:07	31°34'07"
Earth-Venus-Saturn	2019-02-18,	10:51:01	286°30'45": 4B
Mercury-Sun-Venus	2019-02-19,	4:59:14	219°37'15"
Earth-Mercury-Neptune	2019-02-19,	6:33:11	345°18'44"
Mars-Sun-Jupiter	2019-02-23,	11:14:19	250°41'42"
Mercury-Sun-Jupiter	2019-02-24,	7:09:01	250°45'38"
Sun-Mercury-Mars	2019-02-24,	8:40:45	71°09'43"
Mars-Mercury-Jupiter	2019-02-24,	15:18:19	250°54'09"

2019-05-14, 12:58:25 M 7.5 NEW BRITAIN REGION, P.N.G.

Sun-Mercury-Neptune	2019-05-07,	17:02:02	346°16'39"
Earth-Mercury-Uranus	2019-05-08,	14:16:59	33°09'37"
Sun-Venus-Neptune	2019-05-10,	1:24:43	346°17'30": 4B
Sun-Mercury-Uranus	2019-05-16,	22:46:57	32°31'56"

2019-05-26, 07:41:13 M 8.0 NORTHERN PERU

Mercury-Sun-Earth	2019-05-21,	12:53:48	239°56'11"
Mercury-Sun-Jupiter	2019-05-24,	9:17:36	257°49'56"
Mercury-Venus-Neptune	2019-05-25,	8:20:01	345°48'07": 1B
Mercury-Sun-Saturn	2019-05-28,	20:09:17	285°40'59"

2020-01-28, 19:10:25 M 7.7 CUBA REGION

Mars-Mercury-Uranus	2020-01-26,	18:55:48	36°07'58"
Sun-Mercury-Neptune	2020-01-26,	23:35:55	347°52'26"
Venus-Sun-Mars	2020-01-27,	19:07:56	226°57'06": 1B
Earth-Venus-Neptune	2020-01-27,	19:57:59	346°40'37": 1B

2020-03-25, 02:49:21 M 7.5 EAST O KURIL ISLANDS

Earth-Mars-Jupiter	2020-03-20, 11:31:00	292°32'31"
Venus-Mercury-Jupiter	2020-03-21, 4:45:10	286°01'19": 4B
Venus-Mercury-Saturn	2020-03-26, 12:27:39	296°34'33": 1A
Sun-Mercury-Mars	2020-03-27, 13:17:10	258°17'15"

2020-07-22, 06:12:44 M 7.8 ALASKA PENINSULA

Sun-Venus-Mars	2020-07-20, 11:18:58	327°17'04": 2B
Sun-Earth-Saturn	2020-07-20, 22:14:32	298°21'19"
Sun-Mercury-Neptune	2020-07-21, 3:54:28	348°56'20"

2020-10-19, 20:54:40 M 7.5 SOUTH OF ALASKA

Venus-Mercury-Jupiter	2020-10-12, 2:18:37	297°25'25"
Venus-Mercury-Saturn	2020-10-13, 3:20:34	299°42'55"
Sun-Earth-Mars	2020-10-13, 23:18:35	20°47'36"
Sun-Mercury-Neptune	2020-10-17, 6:03:37	349°28'19"
Venus-Earth-Neptune	2020-10-18, 14:35:20	348°19'50": 1B
Mercury-Earth-Uranus	2020-10-20, 2:56:01	38°51'52"

2021-02-10, 13:19:59 M 7.7 SOUTHEAST OF LOYALTY ISLANDS

Mercury-Sun-Saturn	2021-02-05, 19:00:30	304°26'39"
Earth-Venus-Saturn	2021-02-06, 7:01:09	305°37'03": 4B
Mercury-Sun-Jupiter	2021-02-06, 17:56:20	309°50'07"
Sun-Mercury-Earth	2021-02-08, 13:41:11	139°43'43"
Mercury-Venus-Saturn	2021-02-09, 22:51:50	305°17'45": 1B
Earth-Venus-Jupiter	2021-02-11, 14:54:08	312°17'33": 1A
Mercury-Venus-Jupiter	2021-02-12, 11:20:46	312°09'39": 2A

2021-03-04, 19:28:35 M 8.1 KERMADEC ISLANDS, NEW ZEALAND

Mercury-Venus-Neptune	2021-02-28, 8:28:12	350°54'17": 4B
Mercury-Sun-Uranus	2021-02-28, 19:46:06	39°43'12"
Earth-Mercury-Jupiter	2021-03-05, 3:32:32	317°15'52"

2021-07-29, 06:15:50 M 8.2 ALASKA PENINSULA

Mars-Mercury-Neptune	2021-07-22, 7:00:51	350°34'58"
Venus-Earth-Jupiter	2021-07-22, 12:31:47	330°18'32"
Venus-Mercury-Uranus	2021-07-25, 23:23:21	40°40'29": 4B
Mars-Earth-Jupiter	2021-07-29, 15:27:14	329°34'44"

2021-08-12, 18:32:55 M 7.5 SOUTH SANDWICH ISLANDS REGION *

Venus-Sun-Uranus	2021-08-07, 4:01:11	41°28'59"
Sun-Mercury-Mars	2021-08-09, 9:59:46	168°10'22"
Venus-Earth-Neptune	2021-08-10, 0:05:30	352°23'03": 2B
Mercury-Sun-Neptune	2021-08-10, 3:12:33	351°16'09"
Mercury-Earth-Jupiter	2021-08-11, 1:07:10	328°05'35"

* second earthquake M 8.1 occurred in the same area at 18:35:20

2021-11-28, 10:52:13 M 7.5 NORTHERN PERU

Mercury-Venus-Uranus	2021-11-24, 19:38:18	42°58'04": 4B
Venus-Sun-Mars	2021-11-26, 4:52:48	217°49'40": 2B
Mercury-Sun-Earth	2021-11-29, 4:20:16	66°51'32"
Sun-Venus-Uranus	2021-11-29, 6:39:00	42°44'54": 1A

2022-09-10, 23:46:58 M 7.6 EASTERN NEW GUINEA REGION, P.N.G.

Mercury-Earth-Jupiter	2022-09-03, 1:37:51	6°20'34"
Venus-Sun-Saturn	2022-09-11, 16:36:05	322°27'34": 1A

2022-09-19, 18:05:08 M 7.6 MICHOACAN, MEXICO

Venus-Mercury-Saturn	2022-09-13, 5:48:41	322°40'33"
Sun-Mercury-Saturn	2022-09-14, 7:46:56	322°32'31"
Mercury-Sun-Venus	2022-09-16, 6:51:31	149°55'36"
Sun-Earth-Neptune	2022-09-16, 22:06:31	353°42'36"
Mercury-Earth-Jupiter	2022-09-18, 22:33:20	4°25'31"
Mars-Jupiter-Neptune	2022-09-20, 17:42:47	351°56'29"
Sun-Mercury-Neptune	2022-09-21, 22:54:12	353°44'26"

2023-01-09, 17:47:35 M 7.6 KEPULAUAN BABAR, INDONESIA

Sun-Venus-Saturn	2023-01-04, 12:08:46	326°03'50"
Sun-Mercury-Mars	2023-01-04, 19:08:48	89°38'38"
Sun-Mercury-Earth	2023-01-07, 12:50:14	106°37'46"
Mercury-Venus-Saturn	2023-01-10, 7:30:43	325°31'51": 1A

2023-02-06, 01:17:36 M 7.8 CENTRAL TURKEY *

Mercury-Venus-Jupiter	2023-01-30, 16:07:39	16°09'33"
Sun-Venus-Jupiter	2023-02-04, 12:53:57	15°21'25": 2B
Mercury-Sun-Uranus	2023-02-05, 5:05:16	47°34'18"

* second earthquake M 7.5 occurred in the same region at 10:24:49