

## IEVPC PREDICTION SCORE TABLE

Green= hit

Red = miss

Prediction						Actual occurrence				Score	Note
ID# CWN or (OBS)	Date of original prediction	Locality	Magnitude	Depth (km)	Time window	Date of occurrence	Locality	Magnitude	Depth	See footnote*	
001-04-09-12	30-Jul-2012	Offshore southern Kamchatka	7.4 - 8.5	Shallow	After 30-Jul-2012	9-Mar-2013 24-Mar-2013 19-Apr-2013 19-May-2013	Offshore southern Kamchatka ibid ibid ibid	5.8 6.0 6.1 6.0	47.6 10 10 10	75%	Original deep quake energy (646 - 505 km, M7.7 and M7.3 on 5 July 2008 and 24 Nov 2008, respectively) under the northern Okhotsuk Sea reappeared as multiple strong quakes in the Kamchatka continental slope about five years later (early 2013).
N/A	3-Nov-2012	Myanmar	6.5-7.0	Shallow	After 3-Nov-12	11-Nov-2012	Myanmar	6.8	14	100%	Unpublished internal test.
002-02-16-13	16-Feb-2013	Samoa-Tonga region	7.0+	10 - 30	Feb to October 2013.	11-May-13 23-May-13	Tonga Tonga	6.5 6.3	185 100	25%	Original deep energy released as an M7.3 on 15 Sep 2011 at 644km transmigrated towards Tonga and appeared as two smaller magnitude quakes at intermediate depth.
003-02-22-13	22-Feb-2013	Yunnan, China	6.0 - 7.0	10 - 30	22-Feb-2013 and after	31-Aug-2013	Yunnan-Sichuan border	5.8	10	50%	IEVPC CEO was interviewed by Chinese national television after the occurrence.
004-19-12-13	19-Dec-2013	Northwest Australia	6.0-7.0	10-40	Late Dec-2013	26 to 31-Dec-2013	Northwestern Australia			0%	A cyclone appeared instead of earthquake in the predicted area and time; which was detailed in NCGT Journal, v. 1, no. 4, p. 34-45.
001-07-14 (OBS)	7-Jul-2014	Samar, Philippines	6.5+	20-40	July to December 2014	15-Nov-2014	Northern Molucca Sea	7.3	10 - 52	75%	Original deep energy in Celebes Sea (M7.6, 640 km, 23 July 2010). Shallow mainshock in northern Molucca Sea. Main energy flow headed northward triggering numerous M5 to 6 quakes in the Philippine Islands and a volcanic eruption (Mayon Volcano, May 2013) as well. It finally reached Kyushu Japan causing the M7.0 Kumamoto earthquake in April 2016. Details of scientific grounds described in NCGT Journal, v. 4, no. 2, p. 286-294.

002-07-14-14 (OBS)	9-May-2014	Offshore Fukushima, Japan	5.5 - 7.0	10-70	May to August 2014	11-Jul-2014	Offshore Fukushima, Japan	6.8	10	100%	IEVPC Public announcement made on 9 May 2014. "Increased seismic activity off Fukushima, Japan". Appeared also in "South China Morning Post" on 12 May 2014. Predicted earthquake occurred two months after that.
003-08-25-14 (OBS)	25-Aug-2014	Baja California, Mexico	5.0-6.0	10-30	Aug-2014 to Mar 2015	08-Dec-2014	Baja California	6.1	7	75%	Press release, 25 Aug 2014
004-09-01-14 (OBS)	1-Sep-2014	Coquimbo, Chile	7.0 - 8.3	10 to 60	Sep to Dec 2014	16-Sep-2015	Coquimbo	8.3	20	75%	An article on this quake's prediction appeared in NCGT Journal, v. 3, no. 3, p. 387-390.
001-2015	19-Oct-2015	Chile, north Coquimbo	6.3-8.0	10-30	Oct-2015 and after	11-Nov-2015	Coquimbo	6.9	10	100%	
002-2015	21-Nov-2015	Vicinity of Antofagasta, Chile	6.3 - 8.0	10 to 45	Nov 2015 to Mar 2016	27-Nov-2015	South of Aftogagasta	6.2	35	100%	
003-2015	27-Nov-2015	Inland to offshore, Tohoku, Japan	5.5 - 7.0	10 to 70	Nov 15 to Jan 2016	12 and 25-Dec-2015	Both Inland and offshore Tohoku	4.5 to 4.8	18 to 60	75%	Six moderate shocks: 1 and 2 December and 12 and 25 Dec. 2015
001-2016	6-Feb-2016	Iran-Iraq border	6.5 - 8.0	10 to 40	After 6 Feb 2016	12-Nov-17	Iran-Iraq border	7.3	10	75%	Mainshock occurred one year after the expiration of the CWN.
001-25-01-2017	25-Jan-2017	Offshore Kamchatka	7.0 or greater	40 km or shallower	During 2017	17-Jul-2017	Offshore Kamchatka	7.7	11	100%	Scientific data published in NCGT Journal, v. 5, no. 4, p. 379-390.
002-16-02-2017	17-Feb-2017	Cook strait, New Zealand	6.5 - 7.5	10-30 km or deeper than 80 km	After 17 Feb. 2017	11-Jul-2017	Off South Island, NZ	6.6	10	75%	Mainshock took place along the Alpine Fault on the other side of the NZ South Island crustal block. Relevant papers in NCGT Journal, v. 5, no. 2, p. 244-260.

**\* Prediction Success Qualifiers:**

"100 %" Means correct prediction of all four parameters; Magnitude, location, depth and time frame, within 25% variance.

"75%" Means correct prediction of three

"50 %" Means correct prediction of two

"25%" Means correct prediction of one

"0%" Means no correct parameters predicted.

CWN = Catastrophic Geophysical Event Warning Notice

OBS = Published as an observation