

Table 1: Major five Asia countries (A5M)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1983-03 trough	1983-02 trough	-1	1 month earlier
1985-06 peak	1985-05 peak	-1	1 month earlier
1987-02 trough	1987-02 trough	0	exact match
1988-11 peak	1988-10 peak	-1	1 month earlier
1990-02 trough	1990-01 trough	-1	1 month earlier
1991-04 peak	1991-03 peak	-1	1 month earlier
1993-09 trough	1993-09 trough	0	exact match
1996-12 peak	1996-12 peak	0	exact match
1998-08 trough	1998-07 trough	-1	1 month earlier
2000-11 peak	2000-09 peak	-2	2 months earlier
2002-01 trough	2002-01 trough	0	exact match
2004-03 peak	2004-01 peak	-2	2 months earlier
2004-12 trough	(no match)	—	missing in our list
2007-12 peak	2007-12 peak	0	exact match
2009-03 trough	2009-02 trough	-1	1 month earlier
2011-08 peak	2011-07 peak	-1	1 month earlier
2013-11 peak	2013-11 peak	0	exact match
2016-09 trough	2016-08 trough	-1	1 month earlier
2018-03 peak	2018-03 peak	0	exact match
2020-02 trough	2020-06 trough	+4	4 months later
2021-02 peak	(no match)	—	missing in our list
Extra points we detected (no official match):			
(no official match)	1978-07 trough	—	extra in our detection
(no official match)	1979-08 peak	—	extra in our detection
(no official match)	1980-06 trough	—	extra in our detection
(no official match)	1981-09 trough	—	extra in our detection
(no official match)	2005-01 trough	—	extra in our detection
(no official match)	2012-11 trough	—	extra in our detection
(no official match)	2021-06 trough	—	extra in our detection
(no official match)	2022-12 trough	—	extra in our detection

Table 2: Australia (AUS)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1961-10 trough	1961-09 trough	-1	1 month earlier
1965-02 peak	1965-02 peak	0	exact match
1966-04 trough	1966-03 trough	-1	1 month earlier
1970-04 peak	1970-03 peak	-1	1 month earlier
1972-09 trough	1972-08 trough	-1	1 month earlier
1973-11 peak	1973-11 peak	0	exact match
1975-10 trough	1975-10 trough	0	exact match
1976-08 peak	1976-07 peak	-1	1 month earlier
1978-02 trough	1978-02 trough	0	exact match
1981-08 peak	1981-08 peak	0	exact match
1983-04 trough	1983-03 trough	-1	1 month earlier
1985-07 peak	1985-07 peak	0	exact match
1986-08 trough	1986-09 trough	+1	1 month later
1989-07 peak	1989-07 peak	0	exact match
1992-01 trough	1991-12 trough	-1	1 month earlier
1994-07 peak	1994-06 peak	-1	1 month earlier
1996-11 trough	1996-11 trough	0	exact match
1998-12 peak	(no match)	–	missing in our list
2001-03 trough	2001-02 trough	-1	1 month earlier
2002-06 peak	2002-06 peak	0	exact match
2003-04 trough	2003-04 trough	0	exact match
2005-08 peak	(no match)	–	missing in our list
2006-05 trough	2006-05 trough	0	exact match
2008-01 peak	2008-02 peak	+1	1 month later
2011-02 trough	2011-02 trough	0	exact match
2012-05 peak	2012-04 peak	-1	1 month earlier
2015-05 trough	2015-04 trough	-1	1 month earlier
2019-11 peak	(no match)	–	missing in our list
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1960-06 peak	–	extra in our detection
(no official match)	1967-03 peak	–	extra in our detection
(no official match)	1968-02 trough	–	extra in our detection
(no official match)	1969-04 trough	–	extra in our detection
(no official match)	1971-01 trough	–	extra in our detection
(no official match)	1974-10 trough	–	extra in our detection
(no official match)	1979-01 peak	–	extra in our detection
(no official match)	1979-12 peak	–	extra in our detection
(no official match)	1987-11 peak	–	extra in our detection
(no official match)	1993-02 peak	–	extra in our detection
(no official match)	1995-03 trough	–	extra in our detection
(no official match)	1998-03 trough	–	extra in our detection
(no official match)	1999-05 trough	–	extra in our detection
(no official match)	2004-01 peak	–	extra in our detection
(no official match)	2013-06 trough	–	extra in our detection
(no official match)	2016-08 trough	–	extra in our detection
(no official match)	2018-05 peak	–	extra in our detection
(no official match)	2021-02 peak	–	extra in our detection
(no official match)	2022-10 peak	–	extra in our detection

Table 3: Brazil (BRA)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1997-09 peak	1997-09 peak	0	exact match
1999-06 trough	1999-06 trough	0	exact match
2000-12 peak	2000-11 peak	-1	1 month earlier
2003-08 trough	2003-08 trough	0	exact match
2004-09 peak	2004-09 peak	0	exact match
2005-10 trough	(no match)	–	missing in our list
2008-05 peak	2008-05 peak	0	exact match
2009-04 trough	2009-04 trough	0	exact match
2011-04 peak	2011-03 peak	-1	1 month earlier
2012-02 trough	2012-02 trough	0	exact match
2014-01 peak	2014-01 peak	0	exact match
2016-08 trough	2016-07 trough	-1	1 month earlier
2020-02 peak	2020-01 peak	-1	1 month earlier
2020-06 trough	(no match)	–	missing in our list
Extra points we detected (no official match):			
(no official match)	2001-10 trough	–	extra in our detection
(no official match)	2002-09 peak	–	extra in our detection
(no official match)	2006-04 trough	–	extra in our detection
(no official match)	2018-10 peak	–	extra in our detection
(no official match)	2021-08 trough	–	extra in our detection
(no official match)	2023-03 peak	–	extra in our detection

Table 4: Canada (CAN)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1962-02 peak	1962-02 peak	0	exact match
1963-06 trough	1963-06 trough	0	exact match
1966-04 peak	1966-05 peak	+1	1 month later
1967-12 trough	1967-12 trough	0	exact match
1968-12 peak	1969-01 peak	+1	1 month later
1971-02 trough	1971-02 trough	0	exact match
1974-01 peak	1973-12 peak	-1	1 month earlier
1975-04 trough	1975-03 trough	-1	1 month earlier
1976-06 peak	1976-05 peak	-1	1 month earlier
1977-07 trough	1977-07 trough	0	exact match
1981-05 peak	1981-04 peak	-1	1 month earlier
1982-11 trough	1982-10 trough	-1	1 month earlier
1985-11 peak	1985-10 peak	-1	1 month earlier
1986-11 trough	1986-11 trough	0	exact match
1989-05 peak	1989-05 peak	0	exact match
1992-05 trough	1992-04 trough	-1	1 month earlier
1994-12 peak	1994-12 peak	0	exact match
1996-08 trough	1996-08 trough	0	exact match
2000-06 peak	2000-05 peak	-1	1 month earlier
2001-10 trough	2001-09 trough	-1	1 month earlier
2002-07 peak	2002-07 peak	0	exact match
2003-10 trough	2003-10 trough	0	exact match
2007-08 peak	2007-08 peak	0	exact match
2009-07 trough	2009-06 trough	-1	1 month earlier
2011-11 peak	2011-10 peak	-1	1 month earlier
2012-11 trough	2012-11 trough	0	exact match
2014-09 peak	2014-09 peak	0	exact match
2016-06 trough	2016-06 trough	0	exact match
2019-08 peak	2019-07 peak	-1	1 month earlier
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1964-10 trough	–	extra in our detection
(no official match)	1972-02 trough	–	extra in our detection
(no official match)	1979-10 peak	–	extra in our detection
(no official match)	1997-11 peak	–	extra in our detection
(no official match)	1998-08 trough	–	extra in our detection
(no official match)	2004-10 peak	–	extra in our detection
(no official match)	2006-01 peak	–	extra in our detection
(no official match)	2008-06 peak	–	extra in our detection
(no official match)	2018-06 peak	–	extra in our detection
(no official match)	2022-08 peak	–	extra in our detection
(no official match)	2023-12 trough	–	extra in our detection

Table 5: China (CHN)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1979-01 trough	1979-01 trough	0	exact match
1980-02 peak	1980-02 peak	0	exact match
1982-11 trough	1982-11 trough	0	exact match
1985-04 peak	1985-03 peak	-1	1 month earlier
1986-04 trough	1986-03 trough	-1	1 month earlier
1988-09 peak	1988-09 peak	0	exact match
1990-05 trough	1990-04 trough	-1	1 month earlier
1994-09 peak	1994-08 peak	-1	1 month earlier
2002-01 trough	2002-01 trough	0	exact match
2004-02 peak	2004-01 peak	-1	1 month earlier
2005-03 trough	2005-03 trough	0	exact match
2007-12 peak	2007-12 peak	0	exact match
2009-02 trough	2009-01 trough	-1	1 month earlier
2011-08 peak	2011-07 peak	-1	1 month earlier
2020-02 trough	(no match)	–	missing in our list
2021-01 peak	2021-01 peak	0	exact match
Extra points we detected (no official match):			
(no official match)	1981-03 trough	–	extra in our detection
(no official match)	1981-12 peak	–	extra in our detection
(no official match)	1983-08 peak	–	extra in our detection
(no official match)	1991-05 peak	–	extra in our detection
(no official match)	1993-05 peak	–	extra in our detection
(no official match)	1996-02 trough	–	extra in our detection
(no official match)	1996-11 peak	–	extra in our detection
(no official match)	1999-07 trough	–	extra in our detection
(no official match)	2000-07 peak	–	extra in our detection
(no official match)	2010-03 peak	–	extra in our detection
(no official match)	2012-10 trough	–	extra in our detection
(no official match)	2014-01 peak	–	extra in our detection
(no official match)	2016-10 trough	–	extra in our detection
(no official match)	2019-07 trough	–	extra in our detection

Table 6: Germany (DEU)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1960-11 peak	1960-11 peak	0	exact match
1963-02 trough	1963-02 trough	0	exact match
1966-02 peak	1966-02 peak	0	exact match
1967-05 trough	1967-05 trough	0	exact match
1970-08 peak	1970-07 peak	-1	1 month earlier
1972-02 trough	1972-01 trough	-1	1 month earlier
1973-04 peak	1973-04 peak	0	exact match
1975-06 trough	1975-05 trough	-1	1 month earlier
1979-11 peak	1979-10 peak	-1	1 month earlier
1982-10 trough	1982-09 trough	-1	1 month earlier
1985-09 peak	1985-09 peak	0	exact match
1987-04 trough	1987-03 trough	-1	1 month earlier
1991-03 peak	1991-02 peak	-1	1 month earlier
1993-09 trough	1993-08 trough	-1	1 month earlier
1994-12 peak	1994-11 peak	-1	1 month earlier
1996-02 trough	1996-02 trough	0	exact match
1998-01 peak	(no match)	–	missing in our list
1998-12 trough	1998-11 trough	-1	1 month earlier
2001-04 peak	2001-04 peak	0	exact match
2005-02 trough	2005-02 trough	0	exact match
2008-02 peak	2008-01 peak	-1	1 month earlier
2009-06 trough	2009-05 trough	-1	1 month earlier
2011-07 peak	2011-07 peak	0	exact match
2015-05 trough	(no match)	–	missing in our list
2017-11 peak	2017-10 peak	-1	1 month earlier
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1961-10 trough	–	extra in our detection
(no official match)	1969-08 peak	–	extra in our detection
(no official match)	1977-02 peak	–	extra in our detection
(no official match)	1978-03 trough	–	extra in our detection
(no official match)	1980-10 trough	–	extra in our detection
(no official match)	1988-03 trough	–	extra in our detection
(no official match)	1989-07 trough	–	extra in our detection
(no official match)	1992-02 peak	–	extra in our detection
(no official match)	1997-03 trough	–	extra in our detection
(no official match)	2000-04 peak	–	extra in our detection
(no official match)	2003-04 trough	–	extra in our detection
(no official match)	2013-03 trough	–	extra in our detection
(no official match)	2014-03 peak	–	extra in our detection
(no official match)	2016-02 peak	–	extra in our detection
(no official match)	2019-04 peak	–	extra in our detection
(no official match)	2022-07 peak	–	extra in our detection

Table 7: Spain (ESP)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1963-04 peak	(no match)	–	missing in our list
1965-09 trough	1965-08 trough	-1	1 month earlier
1966-08 peak	1966-08 peak	0	exact match
1967-12 trough	1967-12 trough	0	exact match
1969-04 peak	1969-03 peak	-1	1 month earlier
1971-03 trough	1971-03 trough	0	exact match
1974-04 peak	1974-03 peak	-1	1 month earlier
1975-10 trough	1975-10 trough	0	exact match
1978-02 peak	1978-02 peak	0	exact match
1979-05 trough	1979-04 trough	-1	1 month earlier
1980-05 peak	1980-05 peak	0	exact match
1986-10 trough	1986-10 trough	0	exact match
1991-10 peak	1991-10 peak	0	exact match
1993-06 trough	1993-05 trough	-1	1 month earlier
2000-11 peak	2000-10 peak	-1	1 month earlier
2004-04 trough	2004-03 trough	-1	1 month earlier
2008-02 peak	2008-01 peak	-1	1 month earlier
2009-07 trough	2009-06 trough	-1	1 month earlier
2011-03 peak	2011-03 peak	0	exact match
2013-08 trough	2013-09 trough	+1	1 month later
2017-08 peak	(no match)	–	missing in our list
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1981-10 trough	–	extra in our detection
(no official match)	1983-05 peak	–	extra in our detection
(no official match)	1985-06 trough	–	extra in our detection
(no official match)	1989-06 peak	–	extra in our detection
(no official match)	1995-07 peak	–	extra in our detection
(no official match)	1996-12 trough	–	extra in our detection
(no official match)	1998-11 trough	–	extra in our detection
(no official match)	2016-01 peak	–	extra in our detection
(no official match)	2019-01 peak	–	extra in our detection

Table 8: France (FRA)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1960-12 trough	1960-11 trough	-1	1 month earlier
1962-05 peak	1962-04 peak	-1	1 month earlier
1963-02 trough	1963-02 trough	0	exact match
1965-10 peak	(no match)	–	missing in our list
1968-05 trough	1968-05 trough	0	exact match
1971-10 peak	(no match)	–	missing in our list
1972-07 trough	1972-06 trough	-1	1 month earlier
1974-02 peak	1974-02 peak	0	exact match
1975-07 trough	1975-06 trough	-1	1 month earlier
1979-12 peak	1979-08 peak	-4	4 months earlier
1981-01 trough	1980-12 trough	-1	1 month earlier
1982-05 peak	1982-05 peak	0	exact match
1987-03 trough	1987-02 trough	-1	1 month earlier
1990-01 peak	1989-11 peak	-2	2 months earlier
1993-09 trough	1993-09 trough	0	exact match
1995-03 peak	1995-03 peak	0	exact match
1997-02 trough	1997-01 trough	-1	1 month earlier
2000-11 peak	2000-09 peak	-2	2 months earlier
2003-06 trough	2003-05 trough	-1	1 month earlier
2007-12 peak	2008-01 peak	+1	1 month later
2009-06 trough	2009-05 trough	-1	1 month earlier
2011-09 peak	2011-09 peak	0	exact match
2016-08 trough	2016-09 trough	+1	1 month later
2019-05 peak	2019-05 peak	0	exact match
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1965-02 trough	–	extra in our detection
(no official match)	1966-12 trough	–	extra in our detection
(no official match)	1969-11 trough	–	extra in our detection
(no official match)	1977-02 peak	–	extra in our detection
(no official match)	1979-08 peak	–	extra in our detection
(no official match)	1980-12 trough	–	extra in our detection
(no official match)	1984-05 peak	–	extra in our detection
(no official match)	1991-06 trough	–	extra in our detection
(no official match)	1998-03 peak	–	extra in our detection
(no official match)	1999-02 trough	–	extra in our detection
(no official match)	2004-10 peak	–	extra in our detection
(no official match)	2012-12 trough	–	extra in our detection
(no official match)	2013-11 peak	–	extra in our detection
(no official match)	2017-09 peak	–	extra in our detection
(no official match)	2022-08 peak	–	extra in our detection
(no official match)	2024-06 peak	–	extra in our detection

Table 9: Four big European countries (G4E)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1962-05 peak	1962-05 peak	0	exact match
1963-02 trough	1963-02 trough	0	exact match
1965-08 peak	(no match)	–	missing in our list
1967-04 trough	1967-03 trough	-1	1 month earlier
1970-08 peak	1970-07 peak	-1	1 month earlier
1972-03 trough	1972-02 trough	-1	1 month earlier
1973-09 peak	1973-08 peak	-1	1 month earlier
1975-07 trough	1975-06 trough	-1	1 month earlier
1976-12 peak	(no match)	–	missing in our list
1977-09 trough	(no match)	–	missing in our list
1979-11 peak	1979-11 peak	0	exact match
1982-11 trough	1982-10 trough	-1	1 month earlier
1991-02 peak	(no match)	–	missing in our list
1993-08 trough	1993-07 trough	-1	1 month earlier
1995-02 peak	1994-12 peak	-2	2 months earlier
1996-12 trough	1996-12 trough	0	exact match
1998-01 peak	1997-12 peak	-1	1 month earlier
1999-03 trough	1999-03 trough	0	exact match
2001-02 peak	2001-02 peak	0	exact match
2003-06 trough	2003-05 trough	-1	1 month earlier
2008-02 peak	2008-02 peak	0	exact match
2009-06 trough	2009-05 trough	-1	1 month earlier
2011-06 peak	2011-06 peak	0	exact match
2013-03 trough	2013-02 trough	-1	1 month earlier
2019-04 peak	2019-05 peak	+1	1 month later
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1961-02 peak	–	extra in our detection
(no official match)	1963-11 peak	–	extra in our detection
(no official match)	1964-12 trough	–	extra in our detection
(no official match)	1968-04 trough	–	extra in our detection
(no official match)	1969-04 peak	–	extra in our detection
(no official match)	1981-06 trough	–	extra in our detection
(no official match)	1983-11 peak	–	extra in our detection
(no official match)	1985-06 peak	–	extra in our detection
(no official match)	1987-03 trough	–	extra in our detection
(no official match)	1990-02 peak	–	extra in our detection
(no official match)	1992-01 peak	–	extra in our detection
(no official match)	2005-01 trough	–	extra in our detection
(no official match)	2014-09 peak	–	extra in our detection
(no official match)	2016-01 peak	–	extra in our detection
(no official match)	2017-10 peak	–	extra in our detection
(no official match)	2018-07 trough	–	extra in our detection
(no official match)	2022-07 peak	–	extra in our detection
(no official match)	2023-11 trough	–	extra in our detection

Table 10: Major seven countries (G7)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1961-01 trough	1961-01 trough	0	exact match
1962-02 peak	1962-01 peak	-1	1 month earlier
1963-02 trough	1963-02 trough	0	exact match
1964-03 peak	1964-02 peak	-1	1 month earlier
1965-02 trough	1965-02 trough	0	exact match
1966-03 peak	1966-03 peak	0	exact match
1967-07 trough	1967-07 trough	0	exact match
1969-03 peak	1969-02 peak	-1	1 month earlier
1971-03 trough	1971-03 trough	0	exact match
1973-05 peak	1973-05 peak	0	exact match
1975-05 trough	1975-05 trough	0	exact match
1979-08 peak	1979-07 peak	-1	1 month earlier
1982-11 trough	1982-10 trough	-1	1 month earlier
1985-09 peak	1985-08 peak	-1	1 month earlier
1987-02 trough	1987-02 trough	0	exact match
1990-04 peak	1990-04 peak	0	exact match
1993-08 trough	1993-07 trough	-1	1 month earlier
1997-10 peak	1997-09 peak	-1	1 month earlier
1999-03 trough	(no match)	–	missing in our list
2000-06 peak	2000-05 peak	-1	1 month earlier
2003-03 trough	2003-02 trough	-1	1 month earlier
2008-01 peak	2008-01 peak	0	exact match
2009-05 trough	2009-04 trough	-1	1 month earlier
2012-02 peak	2012-02 peak	0	exact match
2012-12 trough	2012-11 trough	-1	1 month earlier
2015-03 peak	(no match)	–	missing in our list
2016-08 trough	2016-08 trough	0	exact match
2019-07 peak	2019-08 peak	+1	1 month later
2020-05 trough	2020-05 trough	0	exact match
2022-01 peak	2021-11 peak	-2	2 months earlier
Extra points we detected (no official match):			
(no official match)	1980-07 trough	–	extra in our detection
(no official match)	1991-09 trough	–	extra in our detection
(no official match)	1994-10 peak	–	extra in our detection
(no official match)	1996-01 trough	–	extra in our detection
(no official match)	1998-06 trough	–	extra in our detection
(no official match)	2010-11 peak	–	extra in our detection
(no official match)	2014-03 trough	–	extra in our detection
(no official match)	2018-01 peak	–	extra in our detection
(no official match)	2018-10 trough	–	extra in our detection

Table 11: United Kingdom (GBR)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1955-09 peak	1955-09 peak	0	exact match
1958-12 trough	1958-12 trough	0	exact match
1960-02 peak	1960-01 peak	-1	1 month earlier
1962-12 trough	1962-11 trough	-1	1 month earlier
1964-09 peak	1964-09 peak	0	exact match
1966-12 trough	1966-11 trough	-1	1 month earlier
1968-08 peak	1968-08 peak	0	exact match
1970-02 trough	1970-01 trough	-1	1 month earlier
1973-04 peak	1973-04 peak	0	exact match
1975-08 trough	1975-07 trough	-1	1 month earlier
1979-06 peak	1979-06 peak	0	exact match
1981-03 trough	1981-02 trough	-1	1 month earlier
1983-10 peak	1983-09 peak	-1	1 month earlier
1984-07 trough	1984-07 trough	0	exact match
1988-12 peak	1988-12 peak	0	exact match
1992-06 trough	1992-05 trough	-1	1 month earlier
1994-09 peak	1994-08 peak	-1	1 month earlier
1996-05 trough	1996-06 trough	+1	1 month later
1997-12 peak	1997-11 peak	-1	1 month earlier
1999-04 trough	1999-04 trough	0	exact match
2000-03 peak	2000-04 peak	+1	1 month later
2002-04 trough	2002-06 trough	+2	2 months later
2008-02 peak	2008-01 peak	-1	1 month earlier
2009-07 trough	2009-06 trough	-1	1 month earlier
2019-08 peak	2019-09 peak	+1	1 month later
2020-05 trough	(no match)	–	missing in our list
Extra points we detected (no official match):			
(no official match)	1956-08 trough	–	extra in our detection
(no official match)	1961-02 peak	–	extra in our detection
(no official match)	1971-02 trough	–	extra in our detection
(no official match)	1974-03 trough	–	extra in our detection
(no official match)	1976-11 peak	–	extra in our detection
(no official match)	1985-04 peak	–	extra in our detection
(no official match)	1986-06 trough	–	extra in our detection
(no official match)	2010-11 peak	–	extra in our detection
(no official match)	2011-09 trough	–	extra in our detection
(no official match)	2013-02 trough	–	extra in our detection
(no official match)	2014-09 peak	–	extra in our detection
(no official match)	2016-07 trough	–	extra in our detection
(no official match)	2017-09 peak	–	extra in our detection
(no official match)	2018-09 trough	–	extra in our detection
(no official match)	2019-09 peak	–	extra in our detection
(no official match)	2020-10 peak	–	extra in our detection
(no official match)	2022-11 peak	–	extra in our detection
(no official match)	2023-11 trough	–	extra in our detection

Table 12: Indonesia (IDN)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1993-03 trough	1993-03 trough	0	exact match
1997-08 peak	1997-08 peak	0	exact match
1998-10 trough	1998-09 trough	-1	1 month earlier
2003-03 peak	2003-02 peak	-1	1 month earlier
2004-04 trough	2004-04 trough	0	exact match
2008-04 peak	2008-04 peak	0	exact match
2009-05 trough	2009-04 trough	-1	1 month earlier
2012-11 peak	2012-10 peak	-1	1 month earlier
2015-09 trough	(no match)	–	missing in our list
2019-12 peak	2019-12 peak	0	exact match
2020-05 trough	(no match)	–	missing in our list
Extra points we detected (no official match):			
(no official match)	1990-09 trough	–	extra in our detection
(no official match)	1991-06 peak	–	extra in our detection
(no official match)	1994-02 peak	–	extra in our detection
(no official match)	1995-05 peak	–	extra in our detection
(no official match)	2000-12 peak	–	extra in our detection
(no official match)	2006-04 trough	–	extra in our detection
(no official match)	2021-02 peak	–	extra in our detection

Table 13: India (IND)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1997-10 trough	1997-09 trough	-1	1 month earlier
1999-12 peak	1999-12 peak	0	exact match
2003-01 trough	2002-12 trough	-1	1 month earlier
2007-09 peak	2007-08 peak	-1	1 month earlier
2009-03 trough	2009-03 trough	0	exact match
2010-12 peak	2010-12 peak	0	exact match
2013-09 trough	2013-09 trough	0	exact match
2018-11 peak	2019-01 peak	+2	2 months later
2020-05 trough	2020-07 trough	+2	2 months later
Extra points we detected (no official match):			
(no official match)	2016-10 peak	–	extra in our detection
(no official match)	2021-11 peak	–	extra in our detection
(no official match)	2024-04 peak	–	extra in our detection

Table 14: Italy (ITA)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1960-10 trough	1960-10 trough	0	exact match
1962-01 peak	1961-12 peak	-1	1 month earlier
1965-01 trough	(no match)	–	missing in our list
1970-07 peak	1970-07 peak	0	exact match
1972-11 trough	1972-10 trough	-1	1 month earlier
1974-03 peak	1974-03 peak	0	exact match
1975-06 trough	1975-05 trough	-1	1 month earlier
1976-11 peak	1976-11 peak	0	exact match
1977-10 trough	1977-10 trough	0	exact match
1980-01 peak	1980-01 peak	0	exact match
1983-03 trough	1983-02 trough	-1	1 month earlier
1989-12 peak	1989-12 peak	0	exact match
1993-08 trough	1993-07 trough	-1	1 month earlier
1995-11 peak	1995-10 peak	-1	1 month earlier
1997-01 trough	1997-01 trough	0	exact match
1997-11 peak	1997-10 peak	-1	1 month earlier
1999-03 trough	1999-03 trough	0	exact match
2001-01 peak	2001-02 peak	+1	1 month later
2003-07 trough	2003-07 trough	0	exact match
2008-03 peak	2008-01 peak	-2	2 months earlier
2009-05 trough	2009-04 trough	-1	1 month earlier
2011-05 peak	2011-05 peak	0	exact match
2013-04 trough	2013-03 trough	-1	1 month earlier
2019-05 peak	2019-02 peak	-3	3 months earlier
2020-05 trough	2020-04 trough	-1	1 month earlier
Extra points we detected (no official match):			
(no official match)	1961-12 peak	–	extra in our detection
(no official match)	1962-11 trough	–	extra in our detection
(no official match)	1963-10 peak	–	extra in our detection
(no official match)	1964-12 trough	–	extra in our detection
(no official match)	1965-10 peak	–	extra in our detection
(no official match)	1967-08 peak	–	extra in our detection
(no official match)	1969-02 peak	–	extra in our detection
(no official match)	1984-01 peak	–	extra in our detection
(no official match)	1985-01 trough	–	extra in our detection
(no official match)	1987-02 trough	–	extra in our detection
(no official match)	1990-11 trough	–	extra in our detection
(no official match)	1991-12 peak	–	extra in our detection
(no official match)	2017-10 peak	–	extra in our detection
(no official match)	2022-07 peak	–	extra in our detection

Table 15: Japan (JPN)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1961-12 peak	1961-11 peak	-1	1 month earlier
1963-02 trough	1963-01 trough	-1	1 month earlier
1964-04 peak	1964-04 peak	0	exact match
1965-11 trough	1965-10 trough	-1	1 month earlier
1970-03 peak	1970-02 peak	-1	1 month earlier
1971-10 trough	1971-09 trough	-1	1 month earlier
1973-04 peak	1973-04 peak	0	exact match
1975-02 trough	1975-01 trough	-1	1 month earlier
1979-06 peak	1979-05 peak	-1	1 month earlier
1980-05 trough	1980-05 trough	0	exact match
1982-03 peak	1982-03 peak	0	exact match
1983-05 trough	1983-04 trough	-1	1 month earlier
1985-09 peak	1985-08 peak	-1	1 month earlier
1987-02 trough	1987-02 trough	0	exact match
1990-08 peak	1990-08 peak	0	exact match
1994-10 trough	1993-10 trough	-12	12 months earlier
1996-12 peak	1996-12 peak	0	exact match
1999-05 trough	1999-04 trough	-1	1 month earlier
2001-01 peak	2001-01 peak	0	exact match
2002-01 trough	2001-12 trough	-1	1 month earlier
2008-02 peak	2008-02 peak	0	exact match
2009-04 trough	2009-03 trough	-1	1 month earlier
2010-09 peak	2010-08 peak	-1	1 month earlier
2012-10 trough	2012-10 trough	0	exact match
2013-10 peak	2013-10 peak	0	exact match
2016-08 trough	2016-08 trough	0	exact match
2019-05 peak	2019-05 peak	0	exact match
2020-05 trough	2020-06 trough	+1	1 month later
Extra points we detected (no official match):			
(no official match)	1960-05 trough	–	extra in our detection
(no official match)	1966-08 peak	–	extra in our detection
(no official match)	1967-08 peak	–	extra in our detection
(no official match)	1975-12 peak	–	extra in our detection
(no official match)	1976-10 trough	–	extra in our detection
(no official match)	1981-02 peak	–	extra in our detection
(no official match)	1988-12 peak	–	extra in our detection
(no official match)	2012-01 peak	–	extra in our detection
(no official match)	2014-07 trough	–	extra in our detection
(no official match)	2015-04 peak	–	extra in our detection
(no official match)	2018-02 peak	–	extra in our detection
(no official match)	2023-03 peak	–	extra in our detection
(no official match)	2024-02 trough	–	extra in our detection

Table 16: Korea (KOR)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1962-06 trough	1962-05 trough	-1	1 month earlier
1964-12 peak	(no match)	–	missing in our list
1965-09 trough	1965-08 trough	-1	1 month earlier
1969-09 peak	1969-08 peak	-1	1 month earlier
1972-06 trough	1972-06 trough	0	exact match
1973-12 peak	1974-01 peak	+1	1 month later
1975-02 trough	1975-01 trough	-1	1 month earlier
1979-03 peak	1979-03 peak	0	exact match
1980-12 trough	1980-11 trough	-1	1 month earlier
1984-04 peak	1984-02 peak	-2	2 months earlier
1985-12 trough	1985-12 trough	0	exact match
1988-02 peak	1988-02 peak	0	exact match
1989-06 trough	1989-05 trough	-1	1 month earlier
1991-11 peak	1991-10 peak	-1	1 month earlier
1992-12 trough	1992-11 trough	-1	1 month earlier
1997-06 peak	1997-06 peak	0	exact match
1998-07 trough	1998-06 trough	-1	1 month earlier
2000-07 peak	2000-06 peak	-1	1 month earlier
2001-06 trough	2001-07 trough	+1	1 month later
2002-08 peak	2002-08 peak	0	exact match
2005-01 trough	2005-01 trough	0	exact match
2007-12 peak	2008-01 peak	+1	1 month later
2009-03 trough	2009-02 trough	-1	1 month earlier
2010-12 peak	2010-12 peak	0	exact match
2012-12 trough	2012-12 trough	0	exact match
2014-03 peak	2014-02 peak	-1	1 month earlier
2015-03 trough	2015-03 trough	0	exact match
2019-09 peak	2019-08 peak	-1	1 month earlier
2020-06 trough	2020-05 trough	-1	1 month earlier
Extra points we detected (no official match):			
(no official match)	1960-05 peak	–	extra in our detection
(no official match)	1961-05 peak	–	extra in our detection
(no official match)	1964-04 trough	–	extra in our detection
(no official match)	1966-05 peak	–	extra in our detection
(no official match)	1967-02 trough	–	extra in our detection
(no official match)	1968-05 peak	–	extra in our detection
(no official match)	1970-05 trough	–	extra in our detection
(no official match)	1976-05 peak	–	extra in our detection
(no official match)	1977-10 peak	–	extra in our detection
(no official match)	1981-10 peak	–	extra in our detection
(no official match)	1990-04 trough	–	extra in our detection
(no official match)	2003-05 trough	–	extra in our detection
(no official match)	2004-02 peak	–	extra in our detection
(no official match)	2006-02 peak	–	extra in our detection
(no official match)	2016-09 trough	–	extra in our detection
(no official match)	2018-05 peak	–	extra in our detection
(no official match)	2022-03 peak	–	extra in our detection
(no official match)	2023-03 trough	–	extra in our detection
(no official match)	2024-02 peak	–	extra in our detection

Table 17: Mexico (MEX)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1962-09 trough	1962-09 trough	0	exact match
1964-08 peak	1964-07 peak	-1	1 month earlier
1967-06 trough	1967-06 trough	0	exact match
1968-07 peak	1968-07 peak	0	exact match
1971-07 trough	1971-06 trough	-1	1 month earlier
1973-09 peak	1973-08 peak	-1	1 month earlier
1977-07 trough	1977-07 trough	0	exact match
1981-08 peak	1981-08 peak	0	exact match
1983-06 trough	1983-05 trough	-1	1 month earlier
1985-07 peak	1985-07 peak	0	exact match
1986-11 trough	1986-10 trough	-1	1 month earlier
1994-08 peak	1994-08 peak	0	exact match
1995-07 trough	1995-07 trough	0	exact match
2000-07 peak	2000-07 peak	0	exact match
2003-08 trough	(no match)	–	missing in our list
2008-05 peak	2008-05 peak	0	exact match
2009-05 trough	2009-04 trough	-1	1 month earlier
2012-08 peak	2012-03 peak	-5	5 months earlier
2013-10 trough	2013-10 trough	0	exact match
2018-06 peak	2018-04 peak	-2	2 months earlier
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1970-04 peak	–	extra in our detection
(no official match)	2002-02 trough	–	extra in our detection
(no official match)	2005-05 trough	–	extra in our detection
(no official match)	2015-08 peak	–	extra in our detection
(no official match)	2017-01 peak	–	extra in our detection
(no official match)	2021-04 peak	–	extra in our detection
(no official match)	2023-07 peak	–	extra in our detection

Table 18: North American Free Trade Agreement area (NAFTA)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1949-10 trough	1949-10 trough	0	exact match
1951-08 peak	1951-07 peak	-1	1 month earlier
1954-06 trough	1954-05 trough	-1	1 month earlier
1955-09 peak	1955-08 peak	-1	1 month earlier
1958-04 trough	1958-03 trough	-1	1 month earlier
1959-06 peak	1959-06 peak	0	exact match
1961-02 trough	1961-02 trough	0	exact match
1962-03 peak	1962-03 peak	0	exact match
1963-03 trough	1963-03 trough	0	exact match
1964-04 peak	1964-04 peak	0	exact match
1966-02 peak	1966-02 peak	0	exact match
1967-08 trough	1967-08 trough	0	exact match
1968-07 peak	(no match)	—	missing in our list
1970-11 trough	1970-11 trough	0	exact match
1973-05 peak	1973-05 peak	0	exact match
1975-03 trough	1975-03 trough	0	exact match
1976-04 peak	(no match)	—	missing in our list
1978-10 peak	1978-10 peak	0	exact match
1980-06 trough	1980-06 trough	0	exact match
1981-04 peak	1981-04 peak	0	exact match
1982-11 trough	1982-11 trough	0	exact match
1985-08 peak	1985-08 peak	0	exact match
1987-01 trough	(no match)	—	missing in our list
1990-03 peak	1990-03 peak	0	exact match
1991-09 trough	1991-08 trough	-1	1 month earlier
1992-10 peak	1992-10 peak	0	exact match
1993-07 trough	1993-07 trough	0	exact match
1994-08 peak	1994-08 peak	0	exact match
1995-10 trough	1995-10 trough	0	exact match
1997-12 peak	1997-12 peak	0	exact match
2000-05 peak	2000-05 peak	0	exact match
2003-02 trough	2003-02 trough	0	exact match
2006-03 peak	2006-03 peak	0	exact match
2007-11 peak	2007-11 peak	0	exact match
2009-05 trough	2009-04 trough	-1	1 month earlier
2010-11 peak	(no match)	—	missing in our list
2012-02 peak	2012-02 peak	0	exact match
2013-09 peak	2013-09 peak	0	exact match
2015-03 peak	2015-03 peak	0	exact match
2016-05 trough	2016-05 trough	0	exact match
2017-04 trough	(no match)	—	missing in our list
2018-03 peak	2018-03 peak	0	exact match
2018-12 trough	(no match)	—	missing in our list
2020-01 peak	2020-01 peak	0	exact match
2021-12 peak	2021-12 peak	0	exact match
2023-10 peak	(no match)	—	missing in our list
Extra points we detected (no official match):			
(no official match)	1947-08 trough	—	extra in our detection
(no official match)	1948-05 peak	—	extra in our detection
(no official match)	1952-06 trough	—	extra in our detection
(no official match)	1953-03 peak	—	extra in our detection
(no official match)	1956-06 trough	—	extra in our detection

Table 19: Republic of Türkiye (TUR)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1961-10 trough	1961-09 trough	-1	1 month earlier
1963-08 peak	1963-08 peak	0	exact match
1965-06 trough	1965-06 trough	0	exact match
1966-08 peak	1966-07 peak	-1	1 month earlier
1967-08 trough	1967-08 trough	0	exact match
1968-08 peak	1968-08 peak	0	exact match
1971-04 trough	1971-03 trough	-1	1 month earlier
1972-06 peak	1972-06 peak	0	exact match
1973-11 trough	1973-11 trough	0	exact match
1976-09 peak	1976-09 peak	0	exact match
1980-07 trough	1980-06 trough	-1	1 month earlier
1984-06 peak	1984-05 peak	-1	1 month earlier
1985-08 trough	1985-08 trough	0	exact match
1987-11 peak	1987-11 peak	0	exact match
1989-05 trough	1989-04 trough	-1	1 month earlier
1993-08 peak	(no match)	–	missing in our list
1994-07 trough	1994-07 trough	0	exact match
1998-02 peak	1998-01 peak	-1	1 month earlier
1999-08 trough	1999-07 trough	-1	1 month earlier
2000-09 peak	2000-09 peak	0	exact match
2001-10 trough	2001-09 trough	-1	1 month earlier
2008-01 peak	2008-01 peak	0	exact match
2009-03 trough	2009-02 trough	-1	1 month earlier
2011-09 peak	2011-08 peak	-1	1 month earlier
2012-06 trough	2012-06 trough	0	exact match
2015-07 peak	2015-08 peak	+1	1 month later
2016-08 trough	2016-08 trough	0	exact match
2018-02 peak	2018-01 peak	-1	1 month earlier
2020-05 trough	2020-07 trough	+2	2 months later
Extra points we detected (no official match):			
(no official match)	1981-10 peak	–	extra in our detection
(no official match)	1982-07 trough	–	extra in our detection
(no official match)	1990-04 peak	–	extra in our detection
(no official match)	1991-04 trough	–	extra in our detection
(no official match)	1992-03 peak	–	extra in our detection
(no official match)	2013-06 peak	–	extra in our detection
(no official match)	2014-06 trough	–	extra in our detection
(no official match)	2018-12 trough	–	extra in our detection
(no official match)	2021-10 peak	–	extra in our detection
(no official match)	2022-12 trough	–	extra in our detection

Table 20: United States (USA)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1949-10 trough	1949-10 trough	0	exact match
1951-08 peak	1951-07 peak	-1	1 month earlier
1954-06 trough	1954-05 trough	-1	1 month earlier
1955-09 peak	1955-08 peak	-1	1 month earlier
1958-04 trough	1958-03 trough	-1	1 month earlier
1959-06 peak	1959-06 peak	0	exact match
1961-02 trough	1961-02 trough	0	exact match
1962-03 peak	1962-03 peak	0	exact match
1963-03 trough	1963-03 trough	0	exact match
1966-03 peak	1966-02 peak	-1	1 month earlier
1967-09 trough	1967-08 trough	-1	1 month earlier
1969-03 peak	1969-02 peak	-1	1 month earlier
1970-11 trough	1970-10 trough	-1	1 month earlier
1973-05 peak	1973-05 peak	0	exact match
1975-04 trough	1975-03 trough	-1	1 month earlier
1978-11 peak	1978-10 peak	-1	1 month earlier
1982-11 trough	1982-11 trough	0	exact match
1984-07 peak	1984-06 peak	-1	1 month earlier
1987-03 trough	1987-03 trough	0	exact match
1989-06 peak	(no match)	–	missing in our list
1991-09 trough	1991-08 trough	-1	1 month earlier
1994-09 peak	1994-09 peak	0	exact match
1995-12 trough	1995-11 trough	-1	1 month earlier
2000-05 peak	2000-05 peak	0	exact match
2003-02 trough	2003-02 trough	0	exact match
2007-11 peak	2007-11 peak	0	exact match
2009-05 trough	2009-05 trough	0	exact match
2012-04 peak	2012-03 peak	-1	1 month earlier
2014-02 trough	(no match)	–	missing in our list
2015-03 peak	2015-02 peak	-1	1 month earlier
2017-03 trough	2017-03 trough	0	exact match
2020-01 peak	2020-01 peak	0	exact match
2020-05 trough	(no match)	–	missing in our list

Extra points we detected (no official match):

(no official match)	1947-08 trough	–	extra in our detection
(no official match)	1948-05 peak	–	extra in our detection
(no official match)	1952-06 trough	–	extra in our detection
(no official match)	1953-03 peak	–	extra in our detection
(no official match)	1956-06 trough	–	extra in our detection
(no official match)	1964-03 peak	–	extra in our detection
(no official match)	1976-05 peak	–	extra in our detection
(no official match)	1977-07 peak	–	extra in our detection
(no official match)	1980-07 trough	–	extra in our detection
(no official match)	1985-03 trough	–	extra in our detection
(no official match)	1990-02 peak	–	extra in our detection
(no official match)	1992-11 peak	–	extra in our detection
(no official match)	1997-01 trough	–	extra in our detection
(no official match)	1998-03 trough	–	extra in our detection
(no official match)	2006-03 peak	–	extra in our detection
(no official match)	2010-10 peak	–	extra in our detection
(no official match)	2013-08 peak	–	extra in our detection
(no official match)	2015-02 peak	–	extra in our detection
(no official match)	2018-03 peak	–	extra in our detection
(no official match)	2018-12 trough	–	extra in our detection
(no official match)	2021-11 peak	–	extra in our detection
(no official match)	2024-08 peak	–	extra in our detection

Table 21: South Africa (ZAF)

Official (YYYY-MM)	Our (YYYY-MM)	Month Diff	Comments
1960-07 peak	1960-07 peak	0	exact match
1962-12 trough	1962-12 trough	0	exact match
1965-02 peak	1965-01 peak	-1	1 month earlier
1966-10 trough	1966-09 trough	-1	1 month earlier
1967-08 peak	1967-08 peak	0	exact match
1969-03 trough	1969-02 trough	-1	1 month earlier
1971-01 peak	1971-01 peak	0	exact match
1972-08 trough	(no match)	–	missing in our list
1974-06 peak	1974-05 peak	-1	1 month earlier
1977-10 trough	1977-09 trough	-1	1 month earlier
1981-09 peak	1981-08 peak	-1	1 month earlier
1983-04 trough	1983-03 trough	-1	1 month earlier
1984-05 peak	1984-05 peak	0	exact match
1986-06 trough	1986-06 trough	0	exact match
1989-05 peak	1989-05 peak	0	exact match
1992-11 trough	1992-11 trough	0	exact match
1996-12 peak	1996-12 peak	0	exact match
1998-12 trough	1998-11 trough	-1	1 month earlier
2000-10 peak	2000-10 peak	0	exact match
2003-11 trough	2003-11 trough	0	exact match
2008-04 peak	2008-04 peak	0	exact match
2009-09 trough	2009-08 trough	-1	1 month earlier
2013-08 peak	2013-07 peak	-1	1 month earlier
2016-11 trough	2016-10 trough	-1	1 month earlier
2018-10 peak	2018-10 peak	0	exact match
2020-05 trough	2020-05 trough	0	exact match
Extra points we detected (no official match):			
(no official match)	1961-08 trough	–	extra in our detection
(no official match)	1973-04 trough	–	extra in our detection
(no official match)	1974-05 peak	–	extra in our detection
(no official match)	1975-02 trough	–	extra in our detection
(no official match)	1975-12 peak	–	extra in our detection
(no official match)	1978-10 trough	–	extra in our detection
(no official match)	2011-04 peak	–	extra in our detection
(no official match)	2014-05 trough	–	extra in our detection
(no official match)	2015-07 trough	–	extra in our detection
(no official match)	2021-04 peak	–	extra in our detection
(no official match)	2024-03 peak	–	extra in our detection