

Relative ENSO Index

Notice: This page is updated during the first week of each month. Due to the high-frequency filter applied to the ERSSTv5 data (Huang et al., 2017, J. Climate), ONI values may be revised up to two months after the initial "real-time" values are posted. As a result, the most recent ONI values should be considered provisional.

DESCRIPTION: Warm (red) and cold (blue) periods are defined when the Relative ENSO Index values cross the $\pm 0.5^\circ\text{C}$ threshold for three consecutive months. More details on the Relative ENSO Index can be found in L'Heureux et al. (2024).

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1950	-1.6	-1.2	-0.9	-1	-1.1	-0.6	-0.3	-0.3	-0.2	-0.2	-0.5	-0.5
1951	-0.6	-0.3	0.5	0.6	0.7	0.6	0.7	0.7	1	0.9	1	0.8
1952	0.6	0.4	0.3	0.5	0.4	0	-0.2	0.1	0.2	0.1	-0.3	0.1
1953	0.7	0.7	0.8	0.7	0.8	0.8	0.6	0.5	0.8	0.7	0.7	1
1954	1.1	0.9	0.2	-0.6	-0.1	-0.2	-0.4	-0.8	-0.9	-0.7	-0.4	-0.5
1955	-0.3	-0.3	-0.3	-0.4	-0.4	-0.3	-0.4	-0.6	-0.8	-1.6	-1.8	-1.4
1956	-0.5	-0.3	-0.1	-0.2	0.1	-0.1	-0.3	-0.5	-0.2	-0.2	-0.5	-0.3
1957	0.1	0.3	0.7	1	1	1	1.3	1.2	1.2	1.2	1.5	1.8
1958	2.3	1.8	1.4	0.8	0.9	0.7	0.4	0.3	0	0.1	0.6	0.5
1959	1	0.8	0.6	0.5	0.2	0.1	-0.4	-0.3	-0.4	-0.1	-0.3	0
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1960	0.2	-0.1	0	0.1	0.1	0	0	0.3	0.2	0	0	0
1961	0	0.1	0	0	0.3	0.4	0.2	-0.1	-0.4	-0.5	-0.1	-0.1
1962	-0.1	-0.1	0	-0.2	-0.4	-0.1	-0.1	-0.1	-0.3	-0.3	-0.6	-0.5
1963	-0.4	-0.2	0.3	0.4	0	0.3	0.9	1	1.1	1	1.1	1.4
1964	1.2	0.7	0.1	-0.5	-0.6	-0.6	-0.4	-0.6	-0.8	-0.7	-0.8	-0.6
1965	-0.2	0	0.3	0.1	0.7	1	1.3	1.7	1.9	2	2	1.9

1966	1.7	1.2	1.5	0.9	0.1	0.3	0.4	0.1	0	0	-0.1	-0.2
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1967	-0.2	-0.1	-0.3	-0.7	-0.1	0.3	0.3	0.3	-0.3	-0.1	0.1	0
1968	-0.2	-0.5	-0.3	-0.1	-0.1	0.7	0.8	0.6	0.4	0.4	0.9	1
1969	1.2	1.4	0.7	0.4	0.5	0.2	0.1	0.5	0.7	0.9	0.7	0.6
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1970	0.4	0.4	0.1	0.2	0	-0.2	-0.6	-0.8	-0.6	-0.6	-0.7	-0.8
1971	-1.3	-1	-0.7	-0.6	-0.3	-0.4	-0.5	-0.5	-0.4	-0.6	-0.5	-0.5
1972	-0.4	0	0.5	0.7	1	0.9	1.3	1.5	1.6	1.9	2.3	2.4
1973	2.1	1.5	0.5	-0.4	-0.8	-0.9	-1.3	-1.4	-1.4	-1.7	-2.1	-1.9
1974	-1.6	-1.1	-0.8	-0.8	-0.8	-0.6	-0.4	0	-0.1	-0.4	-0.6	-0.4
1975	0.2	-0.1	-0.5	-0.3	-0.5	-0.9	-0.8	-0.9	-1	-1.1	-0.9	-1.2
1976	-1.3	-0.6	0	-0.3	0	0.2	0.4	0.7	0.9	1.2	1.2	0.9
1977	1.2	0.8	0.7	0	0.2	0.3	0.5	0.4	0.8	1.1	0.9	1.2
1978	1	0.6	0.2	-0.3	-0.3	-0.3	-0.2	-0.4	-0.2	0	0.1	0.3
1979	0.1	0.1	0.3	0.3	0	-0.1	-0.2	0.2	0.6	0.4	0.5	0.7
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	0.7	0.4	0.2	0.1	0.3	0.5	0.2	-0.1	0	0.1	0.2	0.4
1981	0	-0.3	-0.4	-0.2	-0.3	-0.2	-0.4	-0.2	0	-0.2	-0.3	0
1982	0.4	0.1	0.5	0.6	0.8	0.8	0.7	1.1	1.9	2.4	2.3	2.5
1983	2.7	2.2	1.7	1.2	1.2	0.6	-0.1	-0.2	-0.4	-1.1	-1.3	-1
1984	-0.6	0	-0.5	-0.6	-0.5	-0.6	-0.2	0.1	-0.2	-0.4	-1	-1.1
1985	-0.9	-0.5	-0.4	-0.9	-0.7	-0.5	-0.4	-0.2	-0.4	-0.1	0	-0.1
1986	-0.4	-0.5	-0.1	0	-0.3	0	0.1	0.7	0.9	1.1	1.4	1.5
1987	1.5	1.5	1.3	0.8	0.7	1	1.4	1.6	1.7	1.2	0.9	1

1988	0.9	0.1	-0.1	-0.6	-1.5	-1.8	-1.8	-1.2	-1	-1.9	-2	-1.9
1989	-1.9	-1.3	-1	-0.9	-0.6	-0.3	-0.4	-0.4	-0.1	-0.2	-0.3	0.1

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	0.3	0.3	0.2	0.2	0.3	0.1	0.3	0.4	0.4	0.3	0.3	0.6
1991	0.7	0.6	0.3	0.4	0.4	0.7	0.9	0.9	0.6	1.2	1.6	2.2
1992	2.4	2.3	1.9	1.7	1.4	0.8	0.4	0.3	0.2	0	0.1	0.2
1993	0.5	0.8	0.8	1	1.1	0.5	0.5	0.4	0.6	0.3	0.2	0.4
1994	0.3	0.3	0.4	0.6	0.6	0.7	0.6	0.9	0.9	1	1.4	1.6
1995	1.3	0.9	0.6	0.4	0	-0.1	-0.2	-0.6	-0.8	-0.8	-1.1	-0.9
1996	-0.8	-0.9	-0.6	-0.3	-0.2	-0.3	-0.3	-0.1	-0.3	-0.3	-0.2	-0.4
1997	-0.3	-0.1	0	0.5	1	1.3	1.7	2.1	2.3	2.4	2.5	2.2
1998	2.4	1.9	1.2	0.7	0.5	-0.7	-1.2	-1.6	-1.4	-1.6	-1.6	-1.7
1999	-1.7	-1.2	-0.9	-1	-1	-0.9	-1	-1	-0.9	-1	-1.4	-1.7
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2000	-1.7	-1.6	-0.9	-0.8	-0.7	-0.4	-0.4	-0.3	-0.4	-0.6	-0.7	-0.8
2001	-0.6	-0.5	-0.5	-0.5	-0.3	-0.1	0.1	0	-0.1	-0.1	-0.3	-0.4
2002	-0.1	0	0	0	0.3	0.8	0.9	1.1	1.3	1.4	1.6	1.4
2003	0.6	0.6	0.3	-0.2	-0.7	-0.3	0.2	0.2	0.2	0.3	0.3	0.4
2004	0.2	0.1	0.1	0.1	0.3	0.4	0.7	0.9	0.9	0.8	0.7	0.7
2005	0.6	0.3	0.4	0.2	0.3	0.1	-0.3	-0.1	0	0	-0.6	-1
2006	-1	-0.8	-0.8	-0.3	-0.1	0	0	0.3	0.6	0.7	1	1.1
2007	0.7	0	-0.2	-0.3	-0.5	-0.4	-0.6	-0.7	-1.1	-1.3	-1.4	-1.5
2008	-1.6	-1.6	-1.1	-0.9	-0.7	-0.6	-0.2	-0.1	-0.3	-0.4	-0.5	-0.9
2009	-1	-0.8	-0.8	-0.4	0	0.1	0.3	0.4	0.6	0.8	1.5	1.7

