

**FREQUENCY OF SEVERE CYCLONES (MAXIMUM WIND SPEED OF 48  
KNOTS OR MORE) OVER THE BAY OF BENGAL (BOB), ARABIAN SEA (AS)  
AND LAND SURFACE OF INDIA DURING POST-MONSOON SEASON  
(OCTOBER-DECEMBER)**

YEAR	OCTOBER				NOVEMBER				DECEMBER				OCTOBER- DECEMBER			
	BOB	AS	LAND	TOTAL	BOB	AS	LAND	TOTAL	BOB	AS	LAND	TOTAL	BOB	AS	LAND	TOTAL
1891	0	0	0	0	1	1	1	3	0	0	0	0	1	1	1	3
1892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1893	1	0	0	1	1	1	0	2	0	0	0	0	2	1	0	3
1894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1895	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
1896	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1897	1	0	0	1	0	0	0	0	1	0	0	1	2	0	0	2
1898	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1901	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1902	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
1903	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1904	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1905	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1906	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1907	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1908	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1909	2	0	0	2	0	0	0	0	1	0	0	1	3	0	0	3
1910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1911	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
1912	1	0	0	1	0	0	1	1	0	0	0	0	1	0	1	2
1913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1916	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1919	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1920	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
1921	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1

1922	0	0	0	0	3	0	0	3	1	0	0	1	4	0	0	4
1923	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	2
1924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1925	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1926	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2
1927	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1931	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
1932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	2
1934	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	1	0	0	1	2	1	0	3	0	0	0	0	3	1	0	4
1939	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	2
1940	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	2
1941	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1942	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1943	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	1	0	0	1	0	0	0	0	1	0	0	1	2	0	0	2
1946	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1948	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
1949	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	2
1952	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1956	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1957	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
1958	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1959	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
1960	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	1	0	0	1	1	0	0	1	1	0	0	1	3	0	0	3
1963	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
1964	0	0	0	0	2	1	0	3	1	0	0	1	3	1	0	4
1965	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	2
1966	0	0	0	0	4	0	0	4	0	0	0	0	4	0	0	4

1967	2	0	0	2	0	0	0	0	1	0	0	1	3	0	0	3
1968	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1969	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1970	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1971	1	1	0	2	1	0	0	1	0	1	0	1	2	2	0	4
1972	0	1	0	1	1	0	0	1	1	0	0	1	2	1	0	3
1973	0	0	0	0	2	0	0	2	1	0	0	1	3	0	0	3
1974	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1975	0	1	0	1	1	0	0	1	0	0	0	0	1	1	0	2
1976	0	1	0	1	2	0	0	2	1	0	0	1	3	1	0	4
1977	1	0	0	1	2	0	0	2	0	0	0	0	3	0	0	3
1978	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	1	0	1	1	0	0	1	1	0	0	1	2	1	0	3
1982	2	0	0	2	0	1	0	1	0	0	0	0	2	1	0	3
1983	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1984	1	0	0	1	2	0	0	2	0	0	0	0	3	0	0	3
1985	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
1986	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
1988	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2
1989	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
1990	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2
1993	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	2
1994	1	0	0	1	0	1	0	1	0	0	0	0	1	1	0	2
1995	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2
1996	0	1	0	1	2	0	0	2	0	0	0	0	2	1	0	3
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	2	0	0	2	0	1	0	1	2	1	0	3
1999	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
2000	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	2
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
2003	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	2
2004	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	1	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2
2011	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	1	0	0	1	2	0	0	2	1	0	0	1	4	0	0	4
2014	1	1	0	2	0	0	0	0	0	0	0	0	1	1	0	2
2015	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	2
2016	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
2017	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
2018	1	1	0	2	1	0	0	1	1	0	0	1	3	1	0	4
2019	0	2	0	2	1	0	0	1	0	1	0	1	1	3	0	4
2020	0	0	0	0	1	1	0	2	0	0	0	0	1	1	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
2023	1	1	0	2	0	0	0	0	1	0	0	1	2	1	0	3