Four Kondratieff Waves in the US

June 1789 through October 2007

	1	2	3	4
Spring	1789-1803	1845-1859	1896-1907	1949-1966
Summer	1803-1821	1859-1865	1908-1920	1966-1981
Autumn	1821-1836	1866-1873	1921-1929	1982-2000
Winter	1837-1845	1873-1896	1929-1949	2000-2020?

Statistics prepared for Long Wave Group by
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LONGWAVE group

US Stock Prices
(S&P 500)

1000 S&P 300 100 30 10 3 1

1816-1835
Bull Market Runs through Autumn

1864-1873
Bull Market Runs through Autumn

1921-1929
Bull Market Runs through Autumn

1982-2000
Bull Market Runs through Autumn

Homestake Mining
(currently ABX)

US Prices
PPI before 1949, CRB after

PPI 30 10

20 HM 10 5 2 1 ½ 100 PPI 30 10

US Total Debt
(percent of GDP)
350% 300% 250% 200% 150%

10% 7% 5% 4% 3%

US Treasury Bond Yield

Aaa Corp. Bond Yield

T-Bond

Aaa

Interest Rate Spike

Aaa

T-Bond

T-Bond

Revolutionary War

Spring 1789 – 1803
Summer 1803 – 1819
Autumn 1819 – 1837
Winter 1837 – 1845

1821 Primary Recession after Summer Peak
Winter Begins
Winter Ends Spring Begins

Summer begins (1803) with sharply rising prices and interest rates, which peak at summer's end (corresponding to War of 1812).

Spring 1845 – 1859
Summer 1859 – 1865
Autumn 1865 – 1873
Winter 1873 – 1896

1859 Primary Recession after Summer Peak
1866 Winter Begins
Winter Ends Spring Begins

Summer begins (1859) with sharply rising prices and interest rates, which peak at summer's end (corresponding to Civil War).

Spring 1896 – 1907
Summer 1907 – 1919
Autumn 1919 – 1929
Winter 1929 – 1949

1921 Primary Recession after Summer Peak
1929 Winter Begins
Winter Ends Spring Begins

Summer begins (1908) with sharply rising prices and interest rates, which peak at summer's end (corresponding to World War I).

Spring 1949 – 1966
Summer 1966 – 1981
Autumn 1981 – 2000
Winter 2000 – 2020?

1982 Primary Recession after Summer Peak
2000 Winter Begins

Summer begins (1966) with sharply rising prices and interest rates, which peak at summer's end (corresponding to Viet Nam War).

1800 1850 1900 1950 2000