Haryana, Chandigarh & Delhi Indian Weather Time Scales

Gangadhara Rao Irlapati

H.No.5-30-4/1, Saibaba Nagar, Jeedimetla, Hyderabad – 500 055, Telangana State, India
Email ID: scientistgangadhar@gmail.com

History: I have conducted many researches on the Indian weather and proposed hundreds and thousands of Indian weather Time Scale pertaining to the all Homogeneous Regions, Meteorological Subdivisions, states and districts of Indian which can help tp forecast the weather changes in advance in 1980, Sri G. Surya Rao MLA had sent these Indian weather time scales to the chief minister of Andhra Pradesh for consideration and necessary action in 2004, some consultations were made with the planning department to implement the Indian weather time scale at the directorate of Economics & Statistics department in 2006, some correspondences were made with the environment, forest, science & Technology department for implementation of the Indian weather time scale the same scales were sent to the chief minister of Andhra Pradesh in 2003. And the same was again submitted to the chief minister of Andhra Pradesh in 2006. Many consultations were made with the commissioner for disaster Management in the years of 2008,2009 about the implementation of Indian weather time scale. In 2010, these scales were consulated with the A.P state council of science & Technology in 2008, Sri T. Subbirami Reddy, Honable Union Minister of state had recommended the Indian weather time scale to the Indian Meteorological department for implementation in the services to the country. Later consultations were made with the India meteorological department about the Indian weather time scale during the years of 2008-2008.

Abstract: I have conducted many extensive researches on the astronomical forces and its effects on the earth climate particularly on various regions of the India. The variations in the solar cycle affects and stimulate the earth climate. The moon affects and stimulate the ocean tides and atmosphere too. The movement of axis of the earth inclined at 23 ½ degrees from vertical to its path around the sun affects and stimulate the earth weather and leads to formation of monsoons and seasons etc. So the astronomical forces affect and stimulate the earth climate it may be more or less but it is true. These scales may be taken as a part of scientific study of astronomical forces & its effects on the earth climate.

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Introduction:

In the time and scale of the universe some things from astronomy to atom including living beings have been repeating once in every certain time or period. For example, the south and north magnetic poles have been shifting in every certain period. The sun spots have been repeating once in every eleven years. The lunar and solar eclipses have also been occurring once in every 18.6 years. The seasons such as winter, autumn etc. also have been repeating once in every year in the same month of the year. The periodical menses in the females repeating once in every month.

Construction: On the basis of the said universal facts, I have prepared a time scale with 21 blocks, each block containing certain prescribed cycle of years in which similar calendar years repeating one after another that leads similar weather conditions of those previous years to future years likely repeating every year approximately. The rainfall of the years, have been entering in the scale in percentages or as it is pertaining to month, season, annual wise of the each and every year. If we managing the scale in this manner continuously, we may assuming the weather conditions of the anterior years on the basis of the posteriors years weather. On the basis of the principle, we can assume that a considerable, of course it may be little chance of predication for an ensuing years by study the data of earlier years.

Studies Carried Out: Many experiments were carried out on the Indian weather Time Scale and it was successfully proved out.

Firstly, see the Indian weather time scale. In this scale, the June, July, August and September months of the summer monsoon season were taken in a table in which the each month is also divided into three parts the Telangana, Rayalaseema and Coastal Andhra regions. The monthly wise rainfall data of the months of the regions from 1870 to till available years are taken in the form of percentages or as it is and entering in the scale pertaining to the region wise of the each and every year. If we managing the scale in this manner continuously, we may assuming the weather conditions of the anterior years on the basis of the posterior years weather.

Example for assuming the dry season or suppose to predict the rainfall situation in the summer season

of the ensuing year 2019: study the 7th cycle in which wet conditions in 10 years and dry conditions in 14 years were occurred in the month of June: wet conditions in 2 years and dry conditions in 22 years were occurred in the month of July: wet conditions in 4 years and dry conditions in 20 years were occurred in the month of August and wet conditions in 8 years and dry conditions in 16 years were occurred in the month of September. On the whole, wet conditions in 24 times and dry conditions in 72 times repeated in the summer monsoon season of the 7th cycle (As a result, there were dry conditions occurred in the 2002 year also). Therefore it is a considerable chance to predict that a dry season will be repeated in the ensuing year of 2019.

Example for assuming the wet season or suppose to predict the rainfall situation in the summer season of the ensuing year 2022: study the 10th cycle in which wet conditions in 13 years and dry conditions in 8 years were occurred in the month of June: wet conditions in 13 years and dry conditions in 8 years were occurred in the month of July: wet conditions in 9 years and dry conditions in 12 years were occurred in the month of August and wet conditions in 19 years and dry conditions in 2 years were occurred in the month of September. On the whole, wet conditions in 54 times and dry conditions 30 times were repeated in the summer monsoon season of the 10th cycle. As a result, there were wet conditions occurred in the 2005 years also. Therefore, it is a considerable chance to predict that a wet season will be occurred in the ensuing year of 2022.

In the same manner, we can study the remaining All Indian weather time scales of all Homogeneous regions and subdivisions, states and districts of India.

Conslusions:

We can make many more modifications thus bringing many more developments in the Indian weather time scale and its all additional Indian weather time scale.

		June			July			August			SEPTEMBER	OVERALL SEASON					REMARKS
1	2020	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	
	1992	??.18	-9.5	-54.0	-39.2	+5	-15.8	+4.70	-11.2	-10.8	-35.2	-19.1	-26	-1	-12	-6	
	1964	-31.6	+21.3	-15.0	-36.6	+108	-13.4	??9.5	-17.8	-11.8	+1503	+139	+95.4	+17	+16	+44	
	1936	+31.7	-9.16	-13.0	-14.1	-35.3	-7.00	-12.5	-65.7	-32.3	+7.82	+21.2	-39.2	-3	-29	-5	
	1908	-32.3	-62.9	+69.9	+5.8	-29.4	-50.9	-9.13	-57.2	-25.2	+10.8	+84.9	+48.4	+38	-9	-2	
	1880	+21.5	+15.2	-99	-24.0	-50.2	-46	-60.7	+2.63	-99.4	+56.2	+19.7	-51	-11	-18	-30	
2	2017																
	1995	-1.01	-11.5	-36.2	-13.6	+6.5	-20.9	-46.7	-20	-23.0	-71.7	-17.3	-49.3	-33.5	-27.1	-16.3	
	1978	-78.2	-7.7	+26.2	-1.17	+57.5	+6.9	+47.0	-13.1	+31.7	+169.0	+100	+8.0	+50	+37	+55	
	1961	+34.0	+27.8	+70.9	-37.9	+32.9	-24.3	-8.35	-4.9	+13.3	+20.0	-49.6	-6.1	+12	+1	+30	
	1939	-38.0	-20.5	-38.2	-44.6	-34.6	-42.3	-27.5	+13.9	?398	-3.95	+81.7	-13.5	-28	-12	-23	
	1922	-12.3	-50.4	-90.2	-27.6	-516	-31	-36.8	-30.3	-42.0	+22.6	-1.2	-48.3	-18	-29	-15	
	1905	-17.6	+8.61	-29.3	-64.4	-62.2	-72.7	+16.8	+103	-10.5	?34.8	-58.1	-6.5	-5	-4	-18	
	1883	+60	+23.3	-25.1	-8.24	-23.5	-55.1	+32.2	+36.4	-10.6	+85.1	-32.1	-56.6	+31	-4	-21	
3	2024																
	1996	+13.5	+29.4	+13.7	-32.4	-21.4	-17.3	+21.1	+96.6	-9.8	-4.49	+51.2	+19.3	-3.6	+83.1	+46	
	1968	-330	-28.3	-38.7	-28.0	-39.4	-38.4	-82.5	-34.2	-99.4	+1.007	+55.6	-26.6	-20	-18	-39	
	1940	-19.8	+24.3	-2.0	+9.24	-159	-34.0	-89.9	-33.9	-18.4	-26.2	+35.0	-21.5	-5	-5	-3	
	1912	-61.1	-53.3	-74.3	+12.5	-20	-5.6	-11.8	+20.0	+15.3	-12.1	+41.4	?0.3	-15	+1	+10	
	1884	-38.8	-53.7	-69.4	+40.7	-43.1	-33.7	-23.1	-25.0	-15.3	+65.6	-30.9	+8.1	+12	-48	-1	
4	1999	-24.2	-25.8	-13.9	-23.5	-30.1	-48.8	-2.28	+7.8	-40.9	+25.8	-24.0	-18.4	-9.1	-20	-15.9	
	1982	+5.15	+59.3	-34.4	+27.6	+0.5	-24.1	-28.6	-66.3	-40.9	+12.4	+17.0	-27.0	+1	-5	+13	
	1965	-51.1	+40.2	-36.6	-44.5	-23.3	-24.2	-27.0	+2.08	-9.7	+80.8	-7.04	?2.0	+10	+3	+3	
	1943	+13.5	-54.8	-20.8	-31.4	-30.9	-35.8	-50.5	-9.5	+27.8	+99.1	+1.76	-14.9	-5	-20	-20	
	1926	-69.7	+32.3	+298.6	-10.8	-33.5	+1.8	-19.4	-31.4	-36.5	-18.6	-36.7	-5.3	-25	-2	-1	
	1909	-6.87	-45.4	-32.6	+0.71	-45.4	-22.4	-35.9	+2.06	-4.5	+1.24	+26	+4.3	-12	+44	+7	
	1887	+20.1	+165	+2.4	-23.5	+5.41	-32.6	?83.3	+133.1	+506	+148.0	+16	+31.9	+49	+62	+40	
	1870		+11.5	-64.1		-89.5	-42.4		+50.6	-22.8		-58.1	+25.5	-29	+25	-7	
5	2000	+56.9	+75.4	+47.8	-22.9	-7.8	-34.8	+66.5	+145	?64.9	-57.0	-25.1	-57.9	+11	+39	+23	
	1972	?0.93	+39.5	-77.6	-42.6	-67.6	-49.6	-58.4	-85.1	+29.9	-37.2	+39.9	+446.6	-1	-24	-34	
	1944	-17.7	+99.9	-0.2	-1.96	+5.6	-17.4	-310	+33.6	-35.4	+74.8	-1.92	-10.9	-39	+15	-2	
	1916	+42.2	-36.5	-2.4	+9.79	+12	+36	-24.3	+17.9	-11.5	+92.0	+54.0	-38.4	+19	+45	+18	
	1888	-18.3	-55.3	-56.2	-4.76	-53.2	-32.5	-43.6	-42.2	-57.4	-49.3	+72	-57.6	-28	-14	-39	
6	2018																
	2001	?14.4	-61.8	-13.4	-6.5	-44.4	-52.0	-53.8	-22.4	-94.3	-28.4	+10.9	+15.1	-25.1	+2.1	-1.2	
	1979	-18.7	-26.9	-23.0	-530	-40.4	-60.9	-50.4	-578	-64.2	+99.3	+37.8	+12.1	-8	-20	-21	
	1962	-48.5	+54.0	-36.1	-24.9	-47.1	+2.5	-27.6	+6.1	-10.5	+103	+4.4	+58.9	+14	-11	+30	
	1945	+17.1	-58.3	-67.7	+14.2	+112	-6.7	-2.23	+17.7	-26.6	+18.9	-15.6	+6.3	+8	+15	-1	
	1923	-80.1	-11.2	-75.5	+3.97	-53.4	-57.5	-54.2	-80.7	-99.4	+73.8	+33.5	-99.3	-17	-29	-13	
	1906	+95.6	+57.6	+180.6	-10.7	+18.0	-34.9	-3.33	+13.8	+10.9	+34.8	+47.4	-45.6	+10	+29	+18	
	1889	-16.6	-25.8	+50.1	+2.55	+43.6	-27.4	+24.0	+28.8	-33.2	+76.8	+17.8	+45.2	+18	-34	+23	
7	2019												-				
	2002	-23.0	+16.5	+478	-70.2	-50.1	-69.6	+5.43	-44.2	+64.9	-58.4	-23.4	57.9	-37.1	-31.5	-35.1	
	1985	+19.3	-21.8	-4.6	-15.4	-85.6	-6.8	-44.5	-18.3	-24.8	-39.2	-62.0	-44.1	-23	-20	-4	
	1963	-24.0	-7.7	-36.3	-43.0	+4.5	-22.2	-25.0	+60.6	-7.2	-27.1	-35.4	-4.3	+11	+2	-3	
	1946	+270	-31.6	-22.0	+5.69	-39.7	-9.8	-18.3	-16.6	-30.5	-47.4	+6.4	-16.1	-8	-20	-15	
	1929	-31.6	-20.2	+46.2	-56.6	-44.5	-65.4	-39.9	-69.5	-22.5	+79.3	+58.1	-4.1	-18	-12	-3	
	1907	?22	-19.7	+48.8	-42.6	-19.7	-35.1	?	-74.6	-53.6	-18.4	-1.2	-64.4	-8	-28	-19	
	1890	+1.86	+84.1	+2.3	-7.57	-11.6	-39.7	-25.0	+9.21	-50.7	+78.5	+38.5	-30.7	+10	+22	-15	
	1873	-13.5	-47.7	-48.2	-64.5	-53.2	-39.4	-31.5	-24.7	-16.7	+39.8	+25.6	-39.9	-27	-19	-20	

	JUNE		JUNE			JULY			AUGUST			SEPTEMBER			Oveson		REMARKS
8	2025	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	
	2003	+11.3	-14.8	-21.6	-7.57	+22.3	-0.9	?7.85	-6.2	-28.8	-1.86	-20.1	-13.2	-8.2	8	+3.2	
	1986	?9.92	+5.6	-19.6	-21.4	-28.4	+52.9	+47.3	-54.8	+31.1	-34.3	+20.3	-43.6	-1	-5	-3	
	1969	+6.09	+11.3	-37.4	?7.99	+11.0	-5.0	-26.4	+53.5	-57.1	-78.9	-73.9	-20.6	+9	+44	-22	
	1947	-56.9	-16	-46.5	-29.3	+25.6	-3.5	-25.0	+85.6	-7.2	?64.9	?0.8	+28.8	+35	-3	+19	
	1930	?40.5	+42.7	+39.8	-46.6	-61.0	-44.4	-41.8	-62.7	-48.7	+410	+35.1	-17.6	-17	-39	-8	
	1913	-32.1	-66.5	-13.3	+25.3	-18.9	-9.7	-48.6	-69.7	-63.8	-3.9	-3.52	-33	-18	+74	-17	
	1874	-45.9	+39.5	+7.3	-4.1	+50.6	-13.4	-43.8	-58.1	-59.8	+15	+252.0	+32.3	-2	-12	+14	
9	2004														-		
	1976	-30.7	-2.6	-63.3	+77.3	-23.9	+24.8	+2.73	+83.1	+17.4	20	-54.4	-52.3	+18	2	+7	
	1948	-69.0	-48.1	-61.5	-45.8	-35.6	-26.6	-58.7	-15.6	-48.9	+66.3	-19.3	-8.1	-10	-30	-19	
	1920	-39.6	-39.5	-42.8	-40.6	-71.8	-99.4	+55.5	-36.6	-47.4	-22.7	+24.3	-35.6	66	-30	-38	
	1892	+20.1	+16.5	+2.4	-23.5	+5.41	-32.6	?83.3	+133.1	+50.6	+148.0	+16	+31.9	+49	+62	+40	
10	2005																
	1983	+7.42	+17.6	+19.8	+2.92	-88.9	+7.0	+85.1	+77.8	+22.4	+127	+160	+39.6	+51	+65	+50	
	1960	-29.2	+5.97	-12.1	-39.3	+23.1	-17.2	-67.6	-88.5	-59.9	?105.2	+167	+60.4	-9	+29	+12	
	1949	-26.3	+51.6	-8.4	-24.4	+13.7	+3.1	-11.9	+29.5	+8.9	+106.1	+109.0	+61.1	+5	+50	+47	
	1927	+55.6	+25.9	+34.2	+4.10	+26.3	-23.5	-35.7	+46.0	-9.3	+7.67	+94.1	+16.4	+1	+24	+23	
	1910	+81.6	-22.2	+20	-36.6	+76.6	+2.1	-34.1	+62.9	-17.8	+76.6	+55.2	+4.8	+10	+45	+22	
	1893	+42.3	+53.4	-13.4	+10.5	+98.2	-55.1	+67.6	-35	-10.6	+15.0	-8.96	-56.6	+45	+16	+19	
	1871	-41.2	-59.5	+399.6	-44.5	+31.0	+65.6	-77.8	+6200	-99.9	+65.4	+26.6	+714	-36	-7	-18	
11	2006																
	1989	+71.8	-47.9	-20.3	+72.1	+26.5	+80.2	+2.64	-79.6	-10.5	?53.3	+59.8	-99.3	+43	+49	+42	
	1967	+17.4	-25.4	-1.7	+51.5	+6.11	-0.4	-25.2	-72.2	-55	+28.3	+8	-16.7	+19	-10	+2	
	1950	-51.7	-12.2	-40.7	-33.7	-20.8	-9.4	-67.6	-7.19	-59.9	+31.5	+11.3	+2.8	+1	-5	-9	
	1933	+87.3	-76.1	-52.5	+116	-18.9	-6.9	-22.9	+80.3	-29.6	?49.7	-48.4	-32.1	+11	-11	-5	
	1911	+0.78	+3.47	-22.9	-36.6	-26.4	-22.2	-28.4	-59.8	-62.5	+1.00	-22	-13.5	-20	-32	-18	
	1894	+7.8	-45.4	-8.2	+25.4	+15.3	-51.4	+14.6	-78.6	-31.4	+3.0	-17.3	-0.06	+19	+11	-7	
	1877	-43.2	+5.41	-70	-75.6	-65.4	-53.4	-58.5	-48.5	-56.3	+15.9	+7.20	+21.4	-39	-19	+21	
12	2007																
	1990	+48.6	-29.3	-9.3	-39.0	-45.2	-54.4	+49.2	-2.2	+6.1	+10	+32.3	-99.3	+11	+8	-2	
	1973	+0.31	+0.5	-33.6	-9.41	-29.8	-48.7	+42.2	+15.4	-19.9	-40.0	+10.1	-31.5	+1	-8	-21	
	1951	-17.0	-15.9	+3.1	-5.77	-7.8	+28.6	-405	-62.2	-26.4	-0.3	-33.6	-31.4	-10	-33	+11	
	1934	-3.04	+25.6	-4.5	+22.8	+27.0	+5.9	+0.3	-68.0	-18.8	+11.5	-62.4	-40.4	+5	-30	-1	
	1917	+43.9	+36.3	+87.7	+7.94	-38.8	-38.4	-17.2	+52.1	+3.2	+11.3	+22.0	+30	+25	+17	+38	
	1895	-17.5	-44.5	-21.4	-7.9	+27.6	-17.4	-15.4	-27.6	-4.8	-60.3	+41.3	+25.5	+45	+2	+19	
13	2008																
	1980	+66.0	-17.6	+80	-34.3	-28.4	-11.6	-99.9	?017	-6.6	+2.48	-447	-37.1	+5	-25	+20	
	1952	-50	+34	-37.8	-59.7	-45.3	-45.0	-60.4	-42.1	-51.0	-40.1	-63.6	-53.2	-30	-41	-39	
	1924	-4.8.6	-58.8	-56.6	-36.1	-13.3	-45.2	-16.7	-38.6	-32.8	+105.9	+81.4	+7.4	-7	-3	+8	
	1896	-34.0	-32.3	-22.8	-16.7	-38.8	-29.3	+0.18	-21.8	-25.3	+08.2	-31.2	-16.5	-24	-32	6	
14	2009																
	1987	-31.1	-36.5	-53.8	-12.6	-6.2	-53.6	+0.63	+30	-20.9	-52.1	-18.0	-60.6	-18	-21	-33	
	1970	?75.9	-5.1	+41.5	-39.9	-2.8	-39.7	+63.4	+77.2	+9.0	+36.3	+83.0	+477.5	+25	+39	-5	
	1953	-20.3	-26.5	+0.8	-56.1	+4.1	-40.1	-35.7	-48.4	-20.4	?14.6	+54.8	-10.3	+25	+10	-3	
	1931	+50	-440	+768.9	+12.3	-2.70	-24.0	+38.0	-26.8	+39.2	+14.3	-33.2	+12.8	+18	-11	-12	
	1914	?159.0	-13.6	-7.9	+11.6	-23.1	-19.7	-6.43	+42.1	-31.3	+67.9	+60.8	+44	+27	+20	+18	
	1897	-34	-42.6	-57.2	+47.5	-9.47	-48.1	-34.6	+32.1	-26.5	+42.4	+12.8	+39.4	-1	+35	-2	
	1875	-	+11.5	-64.1		-89.5	-47.4		+50.6	-22.8		+58.1	+25.5	-29	+25	-7	
15	2010																
	1993	-37.1	-46.1	-58.6	-17.1	+19.3	-36.9	-27.9	+43.4	-40.1	-2.40	+9.9	-1.8	-17.5	-12.8	-6.3	
	1971	?7.89	-31.3	-32.3	-61.3	-26.6	-57.4	-19.4	-25.4	-24.6	-14.3	-46.7	+5.1	-29	-35	-10	
	1954	-27.1	-54.6	-9.4	-30.0	+93.4	-4.8	-40.2	-17.3	-26.6	?78.9	-52.8	?39.9	+24	-10	+19	
	1937	-50.8	+15.9	-89.6	+10.9	-9.46	-35.2	-43.5	+63.1	-31.4	+11.3	+86.7	+444.8	-18	-11	-28	
	1915	+99.4	-39.0	+18.1	-15.2.	+58.2	-24.4	-6.40	-49.2	+24.4	-12.6	+58.3	-14.9	+10	+6	+21	
	1898	-20	-37.2	+5.3	+47.8	-30.2	-18.1	-34.6	-42.1	-51.4	+42.4	+106.4	-8.5	+18	+3	-3	
	1881	-18.9	+15.0	+41.2	-56.7	-78.3	-73.3	-34.2	+75.1	-123	+41.0	+12	+10.4	-36	+5	+4	
16	2011																
	1994	-29.0	-40	-55.7	-20.0	-98.9	-9.7	+6.71	-10.8	-37.2	-71.7	-71.3	-49.3	-23.5	-34.9	-21.4	
	1977	?0.93	+39.5	-17.6	-42.6	-67.6	-49.6	-58.4	-85.1	+22.9.9	-37.2	+39.9	+446.6	-39	-24	-34	
	1955	-49.8	-48.3	-37.6	-55.5	+17.2	-39.2	-16.5	+94.7	+3.2	+29.2	+10.6	+1.0	+35	+20	+3	
	1938	?95.6	?33.3	+25	?15.8	-34.1	-36.1	+25.8	+13.9.8	?7.7	+89.8	+81.7	?82.2	+48	+58	-45	
	1921	+44.2	-4.16	-39.8	-660	+75.5	+2	-47.2	+45.7	-30.7	+50.6	-23.2	+2.5	-1	-5	+13	
	1899	-17.2	-85.4	-57.8	-74.7	-88.4	-68.4	-38.1	-37.7	-34.1	-10	+43.5	-22.9	-43	-36	-32	
	1882	+20.1	+165	+2.4	-23.5	+5.41	-32.6	?83.3	+133.1	+50.6	+148.0	+16	+31.9	+49	+62	+40	
17	2012																
	1984	-34.6	-56.1	-37.4	+0.50	+49.4	-15.2	-58.5	-84.1	-71.6	+24.6	-22	-37.8	-20	-30	-23	
	1956	?6.875	+21.8	+32.8	?0.96	+809	+37.8	-30.7	-38.4	-14.3	+503.6	+38	+19.6	+24	+20	+40	
	1928	+37.3	+21.8	-56.2	-21.5	-38.5	-20.2	-27.5	-17.4	-29.7	+102	-3.44	+9.5	+9	-5	-2	
	1900	-10.9	-30.1	-47.8	+29.3	+48.5	-19.3	-38.7	-78.6	-63.6	+90.3	+53.8	+10.0	+10	-2	-12	
	1872	-44.5	-13.8	-0.2	-29.9	-17.7	-18.1	-45.0	-99.1	-9.49	+44.4	+54.3	+16	-25	+4	+18	

		June		July			August			SEPTEMBER			OVERALL SEASON			REMARKS
18	2013	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	
	1991	+42.1	+17.7	+64.5	-11.9	-16.1	-30.2	-39.0	-17.8	-93.7	+1.31	-11.6	+32.7	-9.6	+14.7	+22.6	
	1974	-26.6	-5.5	-14.3	-46.9	-12.2	-99.9	-22.6	-20.7	-37.2	+17.6	+10.3	+33.6	-24	+19		
	1957	-16.9	+19.5	+45.3	-49.0	-12.9	-30.4	-1.91	-26.6	+21.3	+12.4	-22.4	-12.1		+8	+24	
	1935	-6.87	+43.4	-45.1	+11.5	+4.16	-30.6	-31.1	+138.8	+346.3	+51.0	-11.3	-21.8	+2	+35	-24	
	1918	-93.3	-45.9	-16.8	-46.1	-56.3	-62.1	-57.0	-38.2	-40.5	+1.00	+18.1	-13.2	-40	-29	-20	
	1901	-21.0	-6.25	-40.7	-11.5	-69.7	-43.8	-16.3	+10.4	-42.2	-44.0	+30.1	-28.9	-19	-29	-24	
	1879	-8.51	+18.8	+3.2	-27.8	+48.1	-116.5	+31.4	-10.4	-99.4	+56.7	+19.7	-51	-9	-6	-16	
19	2014																
	1997	-59.7	+7.9	-65.1	-40.2	-54.2	-37.2	-33.8	-40.7	-48.2	+10.6	+134	+109	-33.2	+14.1	+15	
	1975	-15.4	-4.9	+53.8	+7.44	+48.3	-16.3	-10.9	-14.9	-28.5	+149	+31.6	+7.2	+21	+11	+20	
	1958	-60.6	-19.5	-42.3	-10.1	-16.7	+22.7	-32.0	+105	-15.9	+13.0	-10.4	-12.7		+8	+10	
	1941	+18.0	-47.0	+82.5	-67.5	+578	-70.2	-33.4	-48.3	?269	+37.2	+53.6	+1.2	-32	+8	-5	
	1919	+26.6	+6.66	-20.1	-41.1	+57.3	-19.7	-55.7	-80.0	-49.2	+457	+10.7	-26	-32	+2	-15	
	1902	-36.6	-27.6	-47.8	-48.6	-13.6	-35.5	-12.1	-55.7	-99.4	+26.3	-13.2	+15.1	-19	-17	+4	
	1885	-20.7	+19.4	-4.2	-14.1	+11.8	-31.5	-47.8	-41.8	-67.3	+38.5	-25.4	+5.5	-18	-18	-10	
20	2015																
	1998	?1.32	-529	-34.5	-21.5	-58.6	29.8	+15.4	+20.2	+5.1	+49.0	+70.6	+56	-50.9	+37	+25.3	
	1981	+36.3	-0.6	-26.9	+1.12	-5.9	+10.0	+7.12	-7.6	-28.9	+105.1	+61.2	+24.6	+26	+10	+25.3	
	1959	-4.76	+76.3	+18.3	-11.5	+9.27	+20.5	-34.2	-165	-30.9	-99.9	+136	-28.8	+40	+10	+12	
	1942	?4.76	+42.7	-12.1	-7.78	-66.7	-47.9	+22.4	-13.1	-18.4	-44.5	-24.8	+34.2	-4	-20	-20	
	1925	6.28	-47.2	+1.0	+2.38	-9.2	-10	-4.93	+19.1	+2.4	-0.54	-18.4	+386	-2	-14	+4	
	1903	-25.7	-680	+22.6	+54.0	-46.8	+10.2	+34.8	+30.3	+8.0	+5304	+72	+7.0	+45	+39	+37	
	1886	+60.9	+3.88	+25.1	+26.6	+69.4	-4.2	+40.6	+40.1	+55.3	-39.9	+9.04	-99.3	+24	+21	+38	
21	2016																
	1988	-14.2	-57.0	-57.4	+10.7	+77.7	+33.6	-25.9	+12.7	+19.4	+136	+33.4	+37.4	+65	+50	+41	
	1966	-54.9	+67.3	-32.8	?15.4	+14.3	+32.3	-7.57	+0.5	+6.1	+61.3	+14.8	-27.2	+3	+20	+9	
	1932	+13.2	-629	-13.1	?3.97	-24.1	-13.7	+20.1	+22.0	-36.2	+52.6	-20.32	-32.4	+1	-10	-18	
	1904	+15	-33.4	-42.5	-4.6	-22.1	-51.4	-69	-83.0	-38.0	+36.9	-39.6	-41.5	-24	-55	-30	
	1876	-42.2	-20.8	-33.3	-34.7	73.6	-52.1	-31.8	-42.4	-99.9	-40.6	-71.1	-50.4	-38	-53	-19	

2012	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1984	-93.43434	2.515723	-91.11111	-37.5	-97.81022	78.07475	1.875733	17.67656	-13.05698	-100	-100	-95.45455
1956	-15.15152	-86.16352	122.963	-91.66667	-77.9927	33.17866	-48.47507	5.181656	-83.52144	698.7578	-14.89362	89.84848
1928	10.10101	59.1195	67.40741	-5.555556	-74.45255	0.928074	-19.81243	49.67742	-51.7246	-69.56522	351.0638	136.3636
1900	-20.20202	-86.16352	80	256.9444	-37.22628	-44.33555	-27.25674	5.598571	150.9029	83.22981	-53.19149	327.2727
1872	72.72727	-59.1195	-23.7037	-48.61111	17.51825	82.83063	48.47507	38.65356	-32.05418	-98.75776	-100	250
1930	42.42424	-38.36478	-69.62963	-76.38889	-85.40146	90.25522	21.67954	-52.35259	-59.70655	-77.01863	-74.46809	-62.12121
2013												
1991	-100	54.71698	-67.40741	181.9444	2.919708	73.7819	-69.69519	6.493959	-54.85327	-100	-27.65957	357.5758
1974	-96.9697	-89.30818	-83.7037	83.33333	-75.18248	9.976798	15.47479	47.49917	-90.85779	-51.5528	-100	78.78788
1957	113.1313	-100	117.037	-58.33333	-55.47445	-73.43387	7.913247	39.36867	75.28217	93.1677	68.08511	206.0606
1935	109.596	81.13208	-51.11111	331.9444	-87.59124	-87.70302	16.82298	-15.96188	6.094808	-32.91925	23.40426	124.7474
1918	-53.0303	-99.37107	-18.51852	45.83333	-95.62044	-33.87471	-91.79367	-17.09063	-94.20813	-58.13665	-46.80851	-100
1901	75.25253	58.49057	-5.185185	-100	-45.25547	-50.35675	-22.74556	-20.78618	-87.02032	-58.13665	-100	-19.69697
1875	-87.9798	-49.68553	-14.81481	-100	-95.62044	47.75582	-41.78664	9.455523	-45.25959	-81.98758	-100	236.3636
2014												
1997	-40.40404	-83.01887	4.444444	504.1667	281.0219	124.826	-38.449	22.45384	-65.46275	104.3478	157.4468	201.5152
1975	6.565657	-81.76101	-44.44444	-91.66667	-61.50365	17.63341	38.10082	108.6361	24.94357	12.42236	-100	-100
1958	-67.17172	-94.96855	-51.11111	-51.38889	-67.88321	-66.12529	-17.77843	-0.238237	249.4357	52.17391	-87.23404	51.51515
1941	197.9798	-60.37736	80	-100	66.42336	147.7958	-80.42204	-42.78706	-47.2912	68.9441	-100	-43.93939
1919	183.8384	-81.76101	-48.14815	-62.5	27.73723	-96.51972	-3.810082	-1.022067	-38.48758	-100	-48.93617	289.3939
1902	-100	-89.93711	-78.51852	22.22222	13.67883	98.60789	-7.620164	-44.90768	-79.79684	-36.02484	;100	-100
1885	268.6869	-89.93711	-60	-40.27778	218.9781	188.8631	-23.32943	123.1686	-89.16479	-96.27329	-100	557.5758
2015												
1998	-95.9596	32.07547	145.1852	137.5	29.92701	197.2158	38.58148	0.416915	27.5395	168.323	275.5319	-100
1981	37.87879	-1.886792	155.5556	-100	25.91241	156.1485	28.95662	-57.17689	-63.09255	-100	947.5532	-87.87879
1959	66.66667	-49.0566	-71.11111	-100	-48.17518	-26.45012	-30.24619	5.022978	25.8465	14.90683	453.1915	-100
1942	52.52525	192.4528	-83.7037	70.83333	-44.52555	2.552204	55.20305	78.70756	-80.58691	95.03106	-100	96.9697
1925	-77.27273	-98.74214	-100	-59.72222	6.569343	275.406	-43.96249	-32.75759	-91.19639	-66.45963	187.234	96.9697
1903	-13.13131	-99.37107	-74.07407	-97.22222	-4.379562	-82.83063	-7.385698	-30.13695	1.467269	-63.35404	-100	-87.87879
1886	32.82828	-93.71069	79.25926	-86.88889	45.9854	142.6914	33.52872	-51.51876	-90.06772	-21.73913	-100	-77.27273
2016												
1988	-87.37374	-3.773585	123.7037	5.555556	-59.85401	35.0348	68.05393	29.54139	151.8059	-100	-93.61702	-48.48485
1966	-83.83838	41.50943	-59.25926	-88.88889	237.2263	150.8121	-37.98359	68.85051	-36.34312	-37.91925	-89.3617	-100
1937	-80.30303	-71.69811	117.037	-23.61111	-55.47445	-74.24594	-71.74678	-36.50983	67.15576	100	-100	189.3939
1904	-58.08081	-96.22642	258.5185	-88.88889	54.89051	-32.25058	-43.37632	-12.68612	22.4605	97.56658	129.7872	228.7879
1876	-100	-94.96855	-42.22222	-16.66667	91.9708	-2.088167	12.54396	-78.26087	13.76975	190.0621	-100	-100
2017												
1996	232.8283	61.00629	35.55556	15.27778	-97.81022	44.31555	-15.41618	96.30733	16.13995	-97.51553	-74.46809	-80.30303
1978	-95.9596	89.93711	277.7778	-79.16667	-80.51095	67.28538	36.34232	18.28469	42.88939	-84.47205	-57.44681	-90.90909
1961	230.303	146.5409	-99.25926	-44.44444	-12.40876	-32.4826	-26.20164	65.75342	-50.90293	59.62733	-14.89362	40.90909
1939	-93.93939	160.3774	75.55556	-88.88889	-59.27007	126.2181	-60.14068	-80.64324	-54.28894	-100	-100	-100
1922	-28.78788	-68.55346	-88.88889	-62.5	-92.70073	106.4965	-10.551	-54.13937	104.6275	-96.27329	-100	295.4545
1905	107.0707	67.2956	-8.888889	-55.55556	-45.25547	-61.2529	-41.03165	-87.49756	4.288939	-100	-100	-31.81818
1883	150	-98.74214	67.40741	-94.44444	83.21168	-6.728538	-34.58382	-97.0816	41.64786	-90.68323	80.85106	-66.66667
2018												
2001	-16.66667	-69.81132	-57.03704	206.9444	464.2336	244.0835	14.88863	7.802763	-76.74944	65.83851	-100	-46.9697
1979	50	235.8491	31.11111	-55.55556	100.7299	1.392111	-6.154748	60.33853	-71.21896	-87.57764	-87.23404	-16.66667
1962	4.040404	-19.49686	-37.03704	-76.38889	-91.24088	-75.40603	-12.89566	-29.77963	138.2615	-100	-42.55319	-6.060606
1945	116.6667	-100	-87.40741	22.22222	-6.569343	-8.352668	21.16061	-13.87731	284.5372	-81.36646	-100	-100
1923	2.020202	293.0818	-91.11111	-97.22222	54.74453	-46.17169	2.168816	34.96129	-84.98871	-57.76398	-97.87234	430.3061
1906	-79.29293	290.3396	142.2222	-95.83333	-91.9708	33.17865	-26.34302	-33.82906	93.34086	-100	-100	-46.9697
1889	75.25253	165.4088	-47.40741	-69.44444	13.86861	-35.49895	-11.89918	13.04948	-85.55306	-100	-100	-100

2019	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
2002	-67.17172	57.2327	13.33333	-2.777778	445.9854	3.24826	-82.29777	-19.11852	36.00451	-72.09969	-100	39.60606
1985	-89.89899	-99.37107	-91.85185	-12.5	-82.48175	17.63341	61.31301	2.513996	-62.86682	77.63975	-100	319.697
1963	-89.89899	-64.77987	-42.22222	-65.27778	-52.55474	38.05104	-64.88863	89.51757	17.72009	-100	204.2553	-3.030303
1946	-97.9798	-38.36478	-85.18519	-36.11111	113.1387	74.942	-38.51154	-10.80934	-78.5553	9.31677	-65.95745	78.78788
1929	-13.63636	-100	-100	50	-64.9635	-64.9652	-21.68816	-34.30613	-88.37472	-73.29193	-100	348.4848
1907	-27.77778	166.6667	66.66667	416.6667	-26.27737	52.43619	32.23916	6.968434	-100	-100	100	-100
1890	-47.9798	-100	17.03704	-40.27778	21.89781	89.09513	50.76207	-10.06552	-80.02257	-68.32298	-100	90.90909
1873	-69.69697	-96.22642	-62.96296	-100	162.7737	-64.03712	81.30179	-43.4187	13.31878	12.47236	100	13.63636
2020												
1992	28.78788	45.91195	-85.18519	-77.22222	2.189781	-40.60325	-28.31184	11.85229	-37.69752	-80.12422	146.8085	-98.48485
1964	-68.18182	89.93711	-95.55556	-83.33333	20.43796	-71.97575	133.646	12.32877	43.34086	-100	-89.3617	30.30303
1936	-91.41414	21.38365	-34.81481	-83.33333	-56.93431	258.4687	-19.22626	-22.09649	-34.87585	-98.13665	-89.3617	366.6667
1908	48.9899	-57.2327	-100	1.388889	76.64234	-62.41299	19.57796	111.3163	-88.60045	-97.54658	-63.82979	93.93939
1880	-90.90909	22.04403	-96.2963	-100	-67.15328	177.0307	44.66589	-77.54616	-6.320542	-100	-68.08511	707.5758
2021												
1999	59.59596	84.90566	-94.07407	-100	65.69343	100.6961	-5.451348	-55.44967	-61.62528	-83.22981	-100	-100
1982	-10.60606	8.176101	404.4444	341.6667	344.5255	-27.61021	-37.90497	3.513996	-95.82393	80.12422	-46.80851	68.18182
1965	-72.72727	36.47799	-28.88889	84.72222	25.54745	-95.82367	-20.39859	-20.9051	-29.57111	-34.16149	-91.48936	-100
1943	-8.080808	87.42138	-82.22222	50	-24.81752	-28.7703	22.45018	-28.82668	13.99549	-100	-100	95.45455
1926	-41.91919	-53.45912	148.1481	56.94444	191.9708	-53.13225	6.447831	-69.1483	-44.13093	-96.27329	-27.65957	-96.9697
1909	-65.65657	-13.20755	-100	894.4444	-57.66423	172.6218	30.59789	-35.97379	73.02483	80.12422	-100	354.5455
1987	6.565657	68.55346	22.96296	4.166667	275.9124	-7.888631	87.57327	-58.12984	87.47178	87.57764	-100	18.18182
1870												
2022												
2005	-11.61616	120.7547	68.14815	4.166667	21.89781	95.59165	13.59906	-51.04729	108.5779	-100	-70.21277	-100
1983	150	67.92453	-2.962963	1240.278	162.7737	-19.02552	53.63423	-40.59386	0.790068	-60.24845	-100	40.90909
1960	-46.96465	100	123.7037	-1.388889	-67.15328	-5.568445	37.3388	325.4914	-86.90745	167.0807	-100	60.60606
1949	-80.30303	138.3648	91.85185	77.77778	35.76642	-73.08585	94.07972	-63.25194	0.451467	-96.27329	-100	-59.09091
1977	-100	126.4151	78.51852	5.555556	18.24818	-68.44548	2.168816	-34.05599	-60.83521	57.79503	-68.08511	437.8788
1910	0	-46.54088	-99.25926	-65.27778	-86.86131	51.74014	-41.09027	-15.42585	64.33409	324.2236	-100	81.81818
1893	358.5859	161.0063	41.48148	-52.77778	187.5912	20.53364	24.44314	-63.96665	124.3792	-99.37888	-36.17021	-16.66667
1871	-62.62626	177.9874	-100	-30.55556	188.3212	229.6984	-27.07727	-60.92912	-50.6772	-100	-100	250
2023												
2006	-72.72727	-96.22642	111.8519	-86.22222	142.3358	21.80974	-33.99766	-69.68434	17.72009	85.71429	-76.59574	-28.78788
1989	20.20202	-94.96855	17.03704	-72.22222	-97.08029	-14.15313	-60.25791	-35.08041	-77.76524	-97.54658	48.93617	116.6667
1967	-100	-86.16352	201.4815	-86.11111	-60.58394	-59.86079	-75.79132	101.0721	15.12415	-43.47826	136.1702	756.0606
1950	31.69697	-47.79874	57.03704	-95.83333	-67.88321	-67.28538	26.02579	-19.89279	58.69074	-100	-100	-100
1933	-87.87475	30.81761	3.703704	-16.66667	237.2263	137.355	-1.758499	67.77844	288.9391	-26.70807	-87.23404	-81.81818
1911	255.0505	-94.96855	340	-91.66667	-100	56.84455	-80.36342	-71.88803	133.4086	-47.23602	248.9362	-100
1894	256.5657	-13.20755	11.11111	-83.33333	-29.92701	167.7494	-1.641266	-10.9589	88.48758	-100	319.1489	822.7273
1877	97.9798	137.1069	71.11111	173.6111	107.9197	78.65429	-77.90152	-95.4735	-56.32054	110.559	134.0426	801.5152
2024												
1996	4.545455	187.4214	4.444444	-83.33333	15.32847	257.3086	-76.28076	34.78261	32.05418	-16.14907	-97.87234	-98.48485
1968	-34.14141	17.61006	34.07407	-100	-78.83212	-9.048724	77.13951	23.12448	-99.88713	-65.43851	-100	-46.9697
1947	2.525253	-11.32075	-31.11111	93.05556	-64.9635	-47.33179	-78.31184	-44.84812	247.2912	-40.37267	-100	-33.33333
1912	161.1111	-28.93082	-40.74074	54.16667	-70.80292	-46.17169	-6.916764	-18.34625	34.19865	-100	140.4255	-93.93939
1884	-69.19192	-99.37107	-76.2963	-97.22222	-59.12409	182.1346	-30.18757	-18.52293	130.5869	9.31677	-87.23404	-100
2025												
2003	29.29293	101.2579	-49.62963	-55.55556	2.919708	-35.96288	78.78077	-47.28728	-13.65688	-100	-91.48936	89.39394
1986	-69.69697	35.53459	-5.185185	-69.44444	186.1314	85.61485	-56.97538	-40.03338	-61.30926	-32.91925	-78.7234	37.87879
1969	-91.91919	-36.47799	0	-65.27778	60.58394	-66.35731	-5.568581	-8.10006	90.85779	-100	-68.08511	-100
1947	2.525253	-11.32075	-31.11111	93.05556	-64.9635	-47.33179	-78.31184	-44.84812	247.2912	-40.37267	-100	33.33333
1930	42.42424	-38.36478	-69.62963	-76.38889	-85.40146	90.25522	71.62954	-57.35259	-59.70655	-77.01863	-74.46809	67.12121
1913	-93.93939	193.7107	59.25926	-58.33333	421.8978	168.2135	-13.00351	-53.78201	-73.25056	-96.89441	-93.61702	71.21212
1891	123.2323	-64.77987	184.4444	-65.27778	68.61314	-51.97216	-50.52755	35.25908	13.43115	77.36025	95.74468	100
1874	-60.10101	-55.34591	147.4074	-100	-0.729927	149.1879	17.11606	-68.61227	32.27991	-100	100	69.69697

2026	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	D[illegible]
2009												
1987	6.565657	68.55346	22.96296	4.166667	275.0124	-7.888631	-87.57327	-58.12984	-87.47178	-87.57764	-100	-18.18182
1970	93.93939	111.9497	-27.40741	-38.61111	-29.92701	64.9652	-58.38218	25.96784	44.80813	-92.54658	-100	-100
1953	152.0202	-92.45283	-100	-11.11111	-56.20438	47.79582	55.74443	-12.28871	-54.06321	-84.47205	-100	25.75758
1933	-95.9596	23.89937	17.03704	-91.66667	-35.76642	-74.24594	20.92614	-25.49136	9.367946	50.62733	-100	-100
1914	-87.37374	-96.54088	-64.44444	156.9444	80.29197	-1.62413	34.40797	-35.3282	125.5079	22.36025	-36.17021	-96.9697
1897	-76.76768	-89.30818	-72.59259	-44.44444	-22.62774	-12.99304	-13.3646	-10.00596	9.029345	-77.01863	-100	-92.42424
1875	-91.91919	126.4151	-100	-100	43.79562	-84.22274	-20.10551	-24.71209	393.4537	57.79503	-100	-90.90909
2027												
2010												
1993	-49.49495	14.46541	54.07407	4.166667	29.92701	99.53596	75.08792	-72.18582	54.74041	-100	-24.46809	-100
1921	-76.76768	-2.515723	-77.77778	15.27778	237.2263	22.96984	-9.378664	68.01668	-40.74492	-26.70807	-97.87234	-100
1954	24.24242	498.1132	-31.11111	-93.05556	-59.85401	-17.16937	-16.29543	-78.73734	67.15576	254.0373	-100	-100
1937	-96.9697	411.3208	-54.25926	170.8333	-29.92701	11.83295	0	-78.61823	61.17381	-95.03106	-93.61702	30.30303
1915	57.57576	269.1824	141.8519	-2.777778	-37.22628	3.016241	-62.6612	-61.34604	18.96163	-56.52174	-100	-81.81818
1898	-98.48485	299.3711	-100	-95.83333	144.5255	43.15545	-15.24033	-68.31447	-56.54628	-100	-53.19149	225.7576
1881	71.71717	-54.08805	175.5556	125	-17.51825	13.45708	26.20164	119.059	-90.29345	-96.89441	-100	-100
2028												
2000	7.070707	62.26415	-55.55556	83.33333	166.4234	197.2158	14.88863	7.802263	-76.74944	-65.83851	100	46.9697
1972	-64.64646	19.49686	-27.40741	70.83333	-97.81022	-12.62341	-11.19578	21.97737	85.55305	-46.58385	219.1489	-34.84848
1944	78.78788	164.1509	197.7778	320.8333	-88.32117	-43.61949	22.03986	-41.00589	-52.93454	65.21739	-82.97872	-52.42424
1916	-96.9697	-22.64151	-97.03704	-56.55556	13.86861	36.1949	-18.22978	25.84872	20.76749	300.6211	-100	-100
1888	-17.87879	33.33333	-52.59259	-75	15.32847	-37.35499	-3.399766	-21.67957	101.2415	-59.62733	72.34043	-100
2007	-84.34343	570.1258	245.1852	2.222778	67.15328	152.6682	-58.14221	-37.52233	-48.41986	100	-91.48936	-40.90909
1990	-100	367.8931	-45.92593	-51.38889	97.08029	-41.53132	34.99414	-31.14949	101.4673	-21.73913	257.4468	251.5152
1961	-44.44444	-96.85535	162.2222	136.1111	57.66423	-52.40619	-65.88511	-15.17806	-59.14221	-88.13665	502.1277	-100
1934	-1.515152	-89.30818	116.2963	-91.66667	-85.40146	56.84475	-5.861665	13.34127	-84.42438	-100	-100	6.060606
1917	58.08081	-55.34591	-70.37037	465.2778	143.7956	54.29234	-11.43025	22.15605	291.8736	526.087	-100	33.33333
1895	200	-36.47799	-50.25926	19.44444	-24.45255	162.7494	-1.641266	-10.9589	88.48758	-100	319.1489	822.7273
1876	-9.090909	86.79245	-55.55556	565.2778	207.1898	-39.67517	17.46776	61.82251	-78.32957	-98.75776	-100	90.90909
2011												
1994	9.59596	-14.46541	-95.55556	84.72222	-8.029197	85.61485	94.79004	20.48839	63.31828	-100	-95.74468	-84.84848
1977	21.21212	-78.61635	-87.40741	205.5556	58.39416	9.512761	90.32825	-5.419893	-7.110609	-48.4472	-93.61702	37.87879
1965	77.77778	-89.30818	-52.59259	66.66667	5.839416	38.51508	-45.89683	-7.087562	63.99549	683.2298	-100	-84.84848
1938	175.7576	-45.91195	-91.11111	-84.72222	-48.90511	31.55457	-55.09965	-68.01668	-88.93905	-37.8882	-100	-100
1923	-0.505051	-96.22642	-100	-55.55556	-88.59015	62.64501	-30.36342	0.734711	20.88036	136.0248	-100	-93.93939
1899	-98.48485	-47.79874	-99.25926	-33.33333	-59.85401	169.1415	-61.72333	-86.24181	-83.50339	-96.27329	-100	-100
1882	191.4141	30.18868	-97.77778	-30.55556	-55.47445	-24.59397	20.33998	-69.02918	-21.55756	-100	-100	-100
2004	76.76768	-97.48428	-100	227.7778	291.9708	38.97912	71.57093	49.8511	-84.42438	244.0994	-100	-83.33333
1976	-43.93939	39.62264	-36.2963	-37.5	124.0876	74.01392	33.41149	83.26385	-35.10158	-100	-100	84.84848
1948	127.2727	157.8616	80	-72.22222	-40.87591	-49.88399	33.41149	-40.73853	-56.54628	-72.04969	-100	-95.45455
1920	-46.9697	-11.32075	8.148148	-97.22222	107.1898	43.15545	16.70574	-81.23883	-87.58465	-96.27329	-100	-96.9697
1892	15.65657	-5.660377	-86.66667	-100	15.32847	-52.90023	-17.58499	23.91304	99.77427	-98.75776	-100	257.5758
2008	-84.34343	-91.8239	-100	181.9444	603.6496	204.8724	-37.80774	-15.78717	27.08804	-80.12422	2.12766	-95.45455
1980	43.93939	-61.63522	134.8148	-88.88889	-44.52555	43.85151	77.90152	-61.1078	-20.99323	8.695652	2.12766	312.1212
1952	-51.51515	39.62264	5.925926	-75	9.489051	21.80974	-39.58624	81.71531	-96.614	-100	-100	-63.63636
1939	143.4343	16.98113	-45.18519	-81.94444	-33.57664	-44.08353	-50.46893	-1.131626	150.3422	356.2733	-95.74468	350.9091
1894	256.5657	-13.20755	11.11111	-83.33333	-29.92701	167.7494	-1.641266	-10.9589	88.48758	100	319.1489	822.7273