

Rayalaseema Indian Weather Time Scales

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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 India which can help to 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 consulted 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 $23 \frac{1}{2}$ 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.

[Gangadhara Rao Irlapati. **Rayalaseema Indian Weather Time Scales.** *Academ Arena* 2018;10(3s): 167-174]. (ISSN 1553-992X). <http://www.sciencepub.net/academia>. 23. doi:[10.7537/marsaaj1003s1823](https://doi.org/10.7537/marsaaj1003s1823).

Keywords: Indian weather, astronomical forces.

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	
	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C		
1	2020																
	1992	77.18	-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	799.5	-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	7398	-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	+17.0	+8.61	-29.3	-64.4	-62.2	-72.7	+16.8	+103	-10.5	734.8	-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	70.3	-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	72.0	+10	+3	+3	
	1943	+13.5	-54.8	-20.8	-31.4	-30.9	-35.8	-50.5	-9.5	+27.8	+99.1	+1.78	-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	-8.87	-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	283.3	+133	+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	264.9	-57.0	-25.1	-57.9	+11	+39	+23	
	1972	70.93	+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	+62.0	+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	714.4	-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	722	-19.7	+48.8	-42.6	-19.7	-35.1	7	-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	

	2013	June			July			August			SEPTEMBER			OVERALL SEASON			REMARKS
		T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	
18	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	+138.6	+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	2269	+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	71.32	-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	74.76	+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	715.4	+14.3	+32.3	-7.37	+0.5	+6.1	+61.3	+14.8	-27.2	+3	+20	+9	
	1932	+13.2	-629	-13.1	73.97	-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	

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	30 RAYALASEIMA											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
2012												
1984	-97.14286	484.375	752.1007	-16.11133	-89.01304	-47.42583	59.26798	61.39294	-24.26952	-37.75762	-48.11463	88.57143
1984	37.14286	-40.75	-100	188.3333	58.52886	45.75709	97.67981	77.95478	35.28703	90.10717	48.26546	17.14286
1988	45.71429	1212.5	95.38462	82.77778	-54.93482	45.75707	7.601731	-3.191572	-8.912349	21.24615	-66.51584	-62.85714
1990	-71.42857	-100	-100	6.888887	-51.95531	-16.47256	58.26839	-75.17847	45.24168	-99.28926	65.31252	-44.48888
1872	-100	-595	-100	-8.113333	84.9152	3.161288	-12.31954	11.20624	45.67334	1.896125	98.4517	59.18267
1930	85.71429	200	78.76923	-85	128.1054	71.04825	-3.647587	-56.22066	27.49245	86.15024	92.45822	21.63265
2013												
1991	-48.57343	-63.75	-100	-19.44444	-37.81629	232.4959	-10.65483	-1.905447	-16.61631	33.63561	127.0261	-97.55102
1974	-100	-100	-100	-85	107.635	13.14476	6.659267	-7.194245	91.91843	18.54905	-60.68265	-100
1957	-100	-100	212.1077	6.606667	-28.20854	254.0765	-7.325196	-1.902671	-26.81269	-26.62619	25.39917	-100
1915	51.42857	-100	68.07659	-12.22222	-81.9851	71.8802	10.58779	179.7533	-16.3142	14.01484	-87.6544	85.71429
1918	765.7143	-6.25	123.0769	-85	38.54749	35.27454	-53.49612	27.64645	11.48038	-97.52679	106.7873	66.12245
1800	85.71429	1480625	-100	-72.22222	-31.28492	-12.14559	-7.991121	48.69866	-18.05116	-57.54328	58.82153	111.8767
1879	208.5714	84.375	7.650308	93.33333	155.121	-67.2629	57.71365	4.830421	-51.24195	-12.36691	-61.88095	-100
2014												
1997	160	100	78.76923	97.22222	-30.6648	29.11814	-51.77636	-30.62899	120.9215	-50.57588	80.99648	79.59184
1975	-77.14286	-100	150.2693	-87.77778	-50.58053	5.490899	57.43563	-4.308125	20.24471	183.7593	7.883137	-66.93878
1954	-65.73473	0	73.84615	28.88889	-51.58287	3.669566	-11.37075	140.2078	-15.48338	52.57385	-18.25038	48.57143
1941	68.57343	-17.5	-100	-62.57554	-48.41713	26.77205	55.04994	-19.46552	-45.01511	-40.80791	-45.39917	125.5102
1919	377.1429	-100	84.61538	-45.55556	0.558869	27.78769	67.70255	-16.42309	95.77039	-62.29184	95.42515	0.816327
1950	14.28571	-100	-100	-30.55556	-54.00372	12.12181	67.81254	29.74363	27.80267	27.4526	43.43491	-25.20612
1885	-100	-100	9.210769	96.66667	-18.05711	43.05484	19.20089	-31.86603	-29.64278	-1.690003	28.65762	21.59184
2015												
1998	-100	6.25	-90.26023	133.3333	-36.82151	-31.94343	52.16428	97.32785	61.93272	27.27014	73.15234	-97.95918
1981	-71.67857	-100	247.6023	65	-43.94784	14.96409	0.221976	6.370245	55.66466	11.60264	-90.50799	21.02857
1959	-100	9.375	-100	55.56566	37.21691	111.3145	16.42618	-2.362823	7.226284	-44.7294	-79.06486	-70.20408
1952	-100	-100	-100	-34.44444	-36.68359	21.04825	-64.20588	1.747124	-29.00302	-64.79487	-69.53793	20
1925	-595	-100	-18.46154	5	113.4078	-16.77205	0.271976	30.11305	-22.56073	8.468404	2.564103	220.4082
1903	362.8571	-100	-100	-92.56256	3.151965	27.05345	95.93785	57.77354	62.38671	9.722947	228.5626	126.7147
1884	-100	-100	73.07692	-100	11.73184	24.45923	80.46615	64.73473	-14.19934	42.40215	-11.33333	-67.2551
2016												
1986	-100	62.5	15.38462	307.7778	26.90875	-48.75208	89.29517	165.9815	25.98187	-76.50463	-77.37557	23.67867
1966	100	-100	98.46154	-75.55556	-20.40417	100.4982	21.86499	98.81809	8.610227	-17.01566	1.807391	24.89796
1937	-100	684.375	-100	-96.66667	-50.77933	21.23145	-15.18313	42.95992	-24.84894	-45.17225	60.13183	-58.77501
1905	-40	-100	98.46154	-63.33333	-13.96448	-20.2995	-17.20123	80.26771	61.91352	-4.227947	-93.06502	-71.02043
1876	-100	-100	-41.23077	50	90.88901	17.30349	-72.01108	-32.68243	-72.80667	94.72383	-91.70437	-100
2017												
1995	362.8571	81.25	-60.21077	-72.22222	91.67011	5.990012	102.2307	14.69941	-23.08625	27.81748	-51.72964	-96.88288
1978	-100	451.125	-62.20769	25	-21.78771	10.44253	67.20256	1.247124	88.89728	-34.37758	52.24284	133.4694
1983	57.14286	56.75	-76.42308	-58.33333	29.62272	100.4842	41.50943	11.40882	-32.40245	17.55977	-34.53993	-97.55102
1819	80	-100	415.3846	245.5556	-87.28952	-4.825291	-58.1576	-18.80981	11.53474	18.71393	38.23103	-95.01837
1927	1421.429	100	-100	-58.33333	-18.18981	-40.599	-48.50166	-18.10671	-73.56495	-25.96867	227.7526	-67.85714
1906	7.857143	-81.25	20.76923	-44.44444	-16.10023	29.56408	-58.82742	1.847461	-60.93166	14.82924	-76.96229	-95.5102
1883	-100	-100	169.2908	-53.88889	-75.21273	48.91847	-18.53446	59.81501	-35.35166	88.69997	-22.32728	71.02043
2018												
2001	-71.42857	-100	-93.84615	216.6967	58.473	-44.20293	-40.9545	-9.146954	25.20211	195.9144	39.26652	3.265104
1979	-100	514.75	95.38462	-83.88889	130.2263	-12.64353	-36.51498	-50.66834	30.12526	-60.84089	127.5264	-84.83796
1962	-100	-4.375	-30.76923	50	106.5177	5.490845	-43.72919	24.35266	-1.259512	32.0981	-51.73934	236.2265
1945	-100	-100	-100	26.12121	-39.25882	-60.03119	128.1931	57.82117	-24.31727	-43.52844	-18.55294	-91.83673
1923	188.5714	768.75	30.76923	-63.33333	-54.00372	6.127765	-50.38946	-77.59507	25.45312	-45.01921	80.03187	-61.08163
1906	1348.571	456.25	-25.38962	-100	-91.63349	88.86101	25.79917	33.40185	30.1994	-24.97939	-72.94907	288.1633
1889	-100	-100	-40	30.66667	-53.07263	-11.14809	52.94118	50.87859	66.26737	-67.62831	58.83934	20.0816

2006	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
2009												
1987	-100	-100	-100	-61.11111	-49.96834	65.77375	-64.81687	65.5709	41.46526	-1.54413	61.84012	69.38774
1970	-100	-100	-100	-79.44444	35.19553	13.64303	3.551609	107.7081	65.48338	-10.71773	-64.32579	-100
1953	-77.14286	-100	-100	72.77778	-93.48233	-1.497504	74.5838	-39.67112	46.14804	120.9358	-84.64193	-100
1951	100	-100	-61.53846	-64.44089	-25.13966	55.40795	-7.436287	-73.07292	16.69184	-28.35844	17.3454	69.38776
1914	-85.71429	-100	-84.61538	-41.11111	-35.38175	3.494176	-18.09101	66.49538	51.88827	64.1385	9.964751	-86.17245
1897	-47.85714	117.5	-38.46154	-53.88889	-22.50503	-30.61564	3.551609	54.77903	115.71	-41.87964	-80.24133	65.30612
1875	-94.78571	-100	-58.46154	-94.44444	-1.469758	70.38227	78.30189	56.32066	15.63444	-11.98981	-90.7594	-11.67753
2007												
2010												
1963	-100	-100	140	13.88889	-14.33887	-35.60712	27.08107	64.037	3.700906	72.73228	41.72979	105.3061
1971	-100	-100	0	97.30749	187.7778	27.56067	-17.80386	-21.86459	17.71807	-49.77393	45.34713	-65.47088
1954	54.28571	100	158.4615	-82.22727	-36.68529	-45.09351	105.9933	3.288798	-55.43807	22.25886	-100	-4.129499
1937	-100	404.25	69.73077	449.4444	-52.37775	0.645557	16.53718	56.83453	14.50151	64.1385	34.38914	51.77531
1915	900	-46.875	864.6154	-90.55556	-7.791294	-26.95507	68.47947	-40.49332	49.39577	-51.19518	185.9729	-50.20408
1896	-100	81.75	12.30769	128.8889	56.79707	-24.79201	-25.43818	-12.27133	94.93958	-58.7008	128.9599	15.30704
1881	-100	-100	124.6154	61.11111	6.89013	38.76872	-77.02553	105.1387	5.740181	95.38335	17.79789	86.13745
2008												
2003	-100	621.875	-100	-12.22222	24.02735	110.1498	1.775805	187.9753	-29.38566	4.280293	-47.5638	39.61729
1977	-65.71429	-100	-100	-24.44444	44.87896	67.7213	-65.4828	87.73381	37.02417	58.36768	36.24434	137.553
1944	-100	0	890.7697	-69.44444	-71.88887	158.0699	55.16293	-36.8967	-7.477341	23.04326	37.88084	-45.71429
1916	-100	-100	-100	-82.72727	-47.67225	-23.96007	168.3685	38.73227	45.46829	97.44435	46.87481	-88.97859
1888	-100	-100	-100	99.44444	-3.365736	47.25458	-50.16448	-32.3743	67.38671	-8.473105	78.73993	64.08163
2007	-100	-96.875	58.46154	3.333333	-7.635009	399.1441	-20.8657	161.9733	49.09168	43.36356	-50.18035	-46.53878
1990	-68.57143	-62.5	135.3846	-71.33333	82.68156	-15.30382	-41.73141	14.49126	24.84834	17.61336	56.71197	-84.97979
1973	-100	-100	-100	-95.55556	-57.72812	34.77671	-25.30522	35.2518	9.992345	40.89089	50.72851	53.87753
1953	-100	-100	515.3846	112.7273	80.81937	0.645557	-1.775805	-55.80678	-37.38671	-41.19848	-65.3007	-100
1834	371.4286	-100	-100	70.55556	-58.84544	50.58236	35.40513	-62.58993	-64.50151	-24.97919	30.16591	-91.02043
1917	-47.85714	1640.625	-84.61538	-75	75.5121	63.22795	34.85493	78.31449	15.2568	31.73949	10.7089	-60.81633
1895	-100	-65.625	-98.46154	199.4444	-9.709887	-21.44426	35.96004	-37.21049	33.38369	36.93327	-84.01207	111.8367
1878	-100	-100	-34.92308	5.555556	-69.64618	11.48387	189.7336	161.8725	90.7895	57.14955	-9.502267	-79.58184
2011												
1994	47.85714	367.5	-100	-7.222222	-48.73091	-28.1398	3.218646	5.344296	-73.03625	78.56954	28.51827	-17.56102
1977	-100	-81.25	-73.84615	97.77778	117.8771	66.55574	67.14761	43.47379	-64.7281	27.50618	108.7956	-17.56102
1955	57.14286	100	73.07692	-52.22727	115.6475	-34.10316	24.86127	128.1603	4.456195	8.727947	-41.17647	-24.69388
1938	-100	21.875	-37.30769	-86.84667	8.379888	59.73378	-29.85572	180.8879	71.52568	-87.96173	94.38087	-51.81873
1921	491.4286	-100	-100	100	87.89572	14.80865	87.01443	-36.58782	-27.56798	77.49382	-11.273	91.07041
1899	-100	-100	-93.84615	223.5333	23.27743	-82.52912	-87.68036	-27.0794	35.42226	-35.77906	-90.19638	-86.31878
1882	751.4286	-100	-100	40.55556	9.889646	-59.73378	-62.93008	17.33299	-45.46828	10.96455	218.3029	-73.46059
2004	54.28571	-41.75	1.538462	136.1111	184.0596	-75.47318	32.63041	75.57957	44.4864	-3.62737	-38.15888	-100
1976	-77.14286	-100	-100	-7.777778	-31.09887	16.43255	-18.97891	114.594	-57.02417	23.49547	43.8014	-48.73949
1948	0	-100	-50.76923	34.44444	-38.73371	-38.10316	-21.52032	-1.733299	23.46707	-49.29926	124.736	-68.79997
1920	2031.429	-100	-100	-58.44444	-51.21043	-27.62063	-30.0333	-25.89908	17.29607	-20.57262	-19.30618	-100
1897	-100	-53.125	-100	-53.88889	-58.84544	717.97	12.70866	3733.299	9.516616	60.93357	-90.19638	-37.24445
2008	68.57143	2656.25	-98.46154	175.5556	-27.18808	57.7371	9.100999	40.80164	7.114094	1.071723	-97.13424	-100
1980	-900	-100	-80	-38.88889	-25.25419	-1.497504	-71.86228	17.26619	-47.8852	-69.08491	27.79534	-52.65306
1952	-100	-96.875	-100	-90.55556	287.2957	23.96007	-41.73141	-32.27153	-65.70987	-22.91838	-100	244.8938
1924	22.85714	-100	96.30769	-23.33333	-17.31844	-50.94875	-7.769175	-28.16033	71.79909	-41.66323	65.91252	-99.50184
1894	68.57143	735.625	-100	-31.66667	-18.73371	-34.77537	22.7525	120.7467	-21.93885	21.26938	30.6188	71.83671