East Uttar Pradesh 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 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 2008, Sri T. Subbirami 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 $\frac{1}{2}$ 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.

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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.

(mark)				June		July			August			SEPTEMBER	1		OVERA	LL SEAS	ON	RĘ	MARKS	
1 1	-	2020	T	R		T	R	C	T	R	C	T	R	C	T	R	C			
1		1992	?7.18		-54.0	-39.2	+5	-15.8	+4.70		-10.8	-35.2	-19.1	-26	-1	-12	-6	1		-
	ŀ	1964		+21.3	-15.0	-36.6	+108	-13.4	?99.5	-17.8	-11.8	+1503	+139	+95.4	+17	+16	+44			
	H	1936	+31.7		-13.0	-14.1	-35.3	-7.00	-12.5	-65.7	-32.3	+7.82	+21.2	-39.2	-3	-29	-5			-
	ł	1908	-32.3	-62.9	+ 69.9		-29.4	-50.9	-9.13	-57.2	-25.2		+84.9	+48.4	+38	-9	-2			-
	1	1880		+15.2	-99	-24.0	-50.2	-46	-60.7	+2.63	-99.4	+56.2	+19.7	-51	-11	-18	-30			-
	F		12110																	-
2	F	2017															10.0			
2	t	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			_
	t	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	. in order		
	t	1961		+27.8	+70.9		+32.9	-24.3	-8.35	-4.9	+13.3	+20.0	-49.6	-6.1	+12	+1	+30	-		-
1	Ē	1939	-38.0		-38.2	-44.6	-34.6	-42.3	-27.5	+13.9		-3.95	+81.7	-13.5	-28	-12	-23			-
	t	1922	-12.3	-50.4	-90.2	-27.6	-516	-31	-36.8	-30.3		+22.6	-1.2	-48.3	-18	-29	-15			-
	t	1905	-17.6	+8.61	-29.3	-64.4	-62.2	-72.7	+16.8	+103		734.8	-58.1	-6.5	-5	-4	-18			
	1	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			-
	1							_			-									-
3		2024										1 4 40	54.0	100		. 02 1	+46			-
		1996	+13.5	+29.4	+13.7		-21.4	-17.3	+21.1	+96.6		-4.49	+51.2	+19.3	-3.6		-39			-
	1	1968	-330	-28.3	-38.7	-28.0	-39.4	-38.4	-82.5	-34.2		+1.007		-26.6	-20	-18	-39			-
		1940	-19.8	+24.3	-2.0	+9.24	-159	-34.0	-89.9	-33.9		-26.2	+35.0	-21.5	-5	-5 +1	+10			-
		1912	-61.1	-53.3	-74.3	+12.5	-20	-5.6	-11.8		+15.3	and the second second	+41.4	20.3	-15	-48	-1			-
		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	-40				-
	1	e							1 - 1		100	1.25.0	04.0	10.4	0.1	-20	-15.9			-
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	+13	and the second		+
		1982		+59.3		+27.6	+0.5	-24.1	-28.6	-66.3	-40.9	+ 12.4	-7.04	?2.0	+1+10	+3	+3			+
52		1965	-51.1		-36.6	-44.5	-23.3	-24.2	-27.0	+2.08		+99.1	+1.76	-14.9	-5	-20	-20			t
		1943		-54.8	-20.8	-31.4	-30.9	-35.8	-50.5	-9.5	+27.8	-18.6	-36.7	-5.3	-25	-2	-1			-
		1926	-69.7		+298.0		-33.5	+1.8	-19.4	+2.06	-30.5	+1.24	+26	+4.3	-12	+44	+7			1
		1909	-6.87	-45.4	-32.6	+0.71	-45.4	-22.4	-35.9		1+506	+148.0		+31.9	+49	+62	+40			T
		1887	+20.1	+165	+2.4	-23.5	-89.5	-42.4	103.3		-22.8		-58.1	+25.5	-29	+25	-7			T
1.10	1	1870		+11.5	-64.1		-89.5	-42.4		+50.0	-22.0		00.1	120.0	-20		-			T
5		2000		. 75 4	+47.8	-22.9	-7.8	-34.8	+66.5	+145	?64.9	-57.0	-25.1	-57.9	+11	+39	+23			
1		2000	+56.9	+75.4	-77.6	-42.6	-67.6	-49.6	-58.4		+29.9	-37.2	+39.9	+446.6		-24	-34			1
		1944		+99.9		-1.96	+5.6	-17.4	-310		6-35.4	+74.8	-1.92	-10.9	-39	+15	-2			
		1916		-36.5	-2.4	+9.79	+12	+36	-24.3		-11.5	+92.0	+54.0	-38.4	+19	+45	+18			
		1888	-18.3		-56.2	-4.76	-53.2	-32.5	-43.6		-57.4	-49.3	+72	-57.6	-28	-14	-39			
		1000	-10.0	00.0	100.6	1			10.0											
6	3	2018													-					1
		2001	?14.4	-61.8	-13.4	-6.5	-44.4	-52.0	-53.8	-22.4	-94.3	-28.4	+10.9		-25.1	+2.1				1
		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		-10.5	+103	+4.4	+58.9	+14	-11	+30			+
		1945		-58.3	-67.7	+14.2	+112	-6.7	-2.23		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		-99.4	+73.8	+33.5		-17	-29	-13			+-
		1906	+95.8	+57,6		6-10.7	+18.0	-34.9	-3.33		3 + 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	8 -33.2	+76.8	+17.8	+45.2	+18	-34	+23			+
1			-										-	-	+					+
	7	2019			1 1			00.0		140	1.64.0	-58.4	-23.4	57.9	07 4	-31.5	-35.1	1. 2. 9. 1		+
	1	2002		+16.5		-70.2	-50:1	-69.6	+5.43		+64.9	-39.2	-23.4	-44.1	-37.1	-20	-4			+
		1985		3 -21.8	-4.6	-15.4	-85.6	-6.8	-44.5	+60.0	-24.8	-27.1	-02.0	-44.1	-23	+2	-3		1	1
		1963	-24.0		-36.3	-43.0	+4.5	-22.2	-25.0		-30.5	-47.4	+6.4	-4.3	+11	-20				+
		1946		-31.6	-22.0	+5.69	-39.7	-9.8	-18.3	-10.0	-22.5	+79.3	+ 58.1	-4.1	-8	-12	-3			-
		1929	-31.6		+46.2		-44.5	-65.4	-39.9	74 09.0	-53.6	-18.4	-1.2	-64.4	-18	-28	-19			+
		1907	?22	-19.7	+48.8		-19.7	-35.1	?		1-50.7	+78.5	+38.5			+22	-15		1	+
		1890 1873		-47.7	+2.3	-7.57	-11.6	-39.7	-25.0		-16.7	+ 39.8			+10	-19	-20			+

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	JUNE		JUNE			JULY	-+		UGUST	C		EPTERMBER	C	T	Oveson R	C	REMARKS	
	2025	Т	R	C	T	R	C		R				-13.2	-8.2	8	+3.2		
T	2003	+11.3	-14.8	-21.6			-0.9	?7.85 -										
	1986		+5.6	-19.6	-21.4	-28.4	+52.9	+47.3 -	54.8					-1	-5	-3		in the second
							-5.0	-26.4 -	+ 53.5	57.1	78.9 -	73.9	-20.6	+9	+44	-22		
	1969	+6.09		-37.4								20.8	+28.8	+35	-3	+19		
	1947	-56.9	-16	-46.5			-3.5							-17	-39	-8		
-	1930	?40.5	+42.7	+39.8		-61.0	-44.4								+74	-17		
	1913		-66.5	-13.3	+25.3	-18.9	-9.7					3.52	-33	-18				
	1874		+39.5	+7.3			-13.4	-43.8	58.1	59.8	+15 .	+252.0	+32.3	-2	-12	+14		
-	1014	-40.0	100.0	. 1.0														
F	0004																-	
	2004					00.0	. 04 0	+2.73	1 0 2 1	+17.4	20	54.4	-52.3	+18	2	+7		
	1976	-30.7	-2.6	-63.3		-23.9	+24.8					19.3		-10	-30	-19		
1	1948	-69.0	-48.1	-61.5	-45.8	-35.6	-26.6	-58.7						66	-30	-38		
	1920	-39.6	-39.5	-42.8	-40.6	-71.8	-99.4	+55.5	36.6			+24.3			+62			
	1892		+16.5		-23.5	+5.41	-32.6	283.3	+133.1	+50.6	+148.0	+16	+31.9	+49	402	+40		
H	1032	+20.1	T10.0	1 4. 1	2010	10.11												
														and and				
0	2005	1					7.0	1 05 1	. 77.0	+22.4	+127	+160	+39.6	+51	+65	+50		
	1983	+7.42	+17.6	+19.8	+2.92	-88.9	+7.0	+85.1					+60.4	-9	+29	+12		
Ì	1960	-29.2	+5.97	-12.1	-39.3	+23.1	-17.2					+167			+50	+47		
ł	1949	-26.3	+51.6	-8.4	-24.4	+13.7	+3.1	-11.9	+29.5	+8.9	+106.1			+5				
1					+4.10	+26.3	-23.5			-9.3	+7.67	+94.1	+16.4	+1	+24	+23		
	1927			+34.2				-34.1		-17.8		+55.2	+4.8	+10	+45	+22		
	1910	+81.6		+20	-36.6	+76.6	+2.1					-8.96	-56.6	+45	+16	+19		
	1893	+42.3	+53.4	-13.4	+10.5	+98.2	-55.1	+67.6		-10.6			. 714	-36	-7	-18		
1	1871	-41.2	-59.5	+399.6	-44.5	+31.0	+65.6	-77.8	+6200	-99.9	+65.4	+26.6	+714	-30	-1	-10		
1	1011	1 Tate	0010	1													1	
1	0000																	
1	2006		17.0	00.0	. 70 4	.005	1 20 0	+2.64	70.6	-10.5	?53.3	+59.8	-99.3	+43	+49	+42		
	1989	+71.8		-20.3	+72.1	+26.5	+80.2					+8	-16.7	+19	-10	+2		
	1967	+17.4	-25.4	-1.7	+51.5	+6.11	-0.4	-25.2		-55				+1	-5	-9		
	1950	-51.7	-12.2	-40.7	-33.7	-20.8	-9.4		-7.19	-59.9		+11.3	+2.8					
	1933	+87.3		-52.5	+116	-18.9	-6.9	-22.9	+80.3	-29.6		-48.4	-32.1	+11	-11	-5		
8			+3.47	-22.9	-36.6	-26.4	-22.2		-59.8	-62.5	+1.00	-22	-13.5	-20	-32	-18		
- 8	1911						-51.4	+14.6		-31.4	+3.0	-17.3	-0.06	+19	+11	-7		
3	1894	+7.8	-45.4	-8.2	+25.4	+15.3				-56.3	+ 15.9	+7.20		-39	-19	+21		
	1877	-43.2	+5.41	-70	-75.6	-65.4	-53.4	-58.5	-40.5	-20.0	10.7	r1.60	161.7		1			
0																		
12	2007																	
		100	20.2	-9.3	-39.0	-45.2	-54.4	+49.2	-2.2	+6.1	+10	+32.3	-99.3	+11	+8	-2		
	1990		-29.3				-48.7			-19.9	-40.0	+10.1	-31.5	+1	-8	-21		
	1973		+0.5	-33.6	-9.41	-29.8				-26.4	-0.3	-33.6	-31.4	-10	-33	+11		
	1951	-17.0	-15.9	+3.1	-5.77	-7.8	+28.6		-62.2						-30	-1		
	1934	-3.04	+25.6	-4.5	+22.8	+27.0	+5.9		-68.0	-18.8	+11.5	-62.4	-40.4	+5				
	1917		+ 36.3			-38.8	-38.4	-17.2	+52.1	+3.2	+11.3	+22.0	+30	+25	+17	+38		
					-7.9	+27.6			-27.6	-4.8	-60.3	+41.3	+25.5	+ 45	+2	+19		
	1895	1-11.5	-44.5	-21.4	-1.5	TCL.U												
			-	-	-	-	-				1							
3	2008		-	1			1.1.6	00.0	0.0.17	0.0	1.0.40	-447	-37.1	+5	-25	+20		
	1980	+66.0	-17.6	+80	-34.3	-28.4	-11.6	-99.9		-6.6						-39		
	1952	-50	+34	-37.8	-59.7	-45.3	-45.0	-60.4		-51.0	-40.1	-63.6	-53.2	-30	-41			
	1924		-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		
				-22.8	-18.7	-38.8	-29.3	+0.18		-25.3	+08.2	-31.2	-16.5	-24	-32	6		
	1896	-34.0	-32.3	-22.0	-10.7	-00.0	-0.0											
			-	-	-								1					
4	2009		1	-		-		10.00	0.5	00.0	50.4	100	60.6	-18	-21	-33		
	1987	-31.1	-36.5	-53.8	-12.6	-6.2	-53.6	+0.63		-20.9	-52.1	-18.0	-60.6					
	1970	?75.9		+41.5		-2.8	-39.7	+63.4	+-77.2	+9.0	+36.3	+83.0	+477.5		+39	-5		
				+0.8	-56.1	+4.1	-40.1	-35.7	-48 4	-20.4	?14.6	+54.8	-10.3	+25	+10	-3		
	1953	-20.3					-24.0	+38.0		+ 39.2	+14.3	-33.2	+12.8	+18	-11	-12		
	1931	+50	-440		9 +12.3	-2.70				-31.3	+67.9	+60.8	+44	+27	+20	+18		
	1914	?159.	0 -13.6	-7.9	+11.6		-19.7		+42.1						+35	-2	1	
	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			+	
	1875			-64.1		-89.5	-47.4		+50.6	-22.8		+58.1	+25.5	1-29	+25	-7		
	1.010	1	1.1.10	1	1	1	1			1	1	1	1	1	1	-	1	
5	2010	1	1	distant and		-						1						
0		07.4	1 40 4	600	17 1	1.100	-36.9	-27.9	+43.4	-40.1	-2.40	+9.9	-1.8	-17.5	-12.8	-6.3		
	1993	-37.1	-46.1	-58.6	-17.1	+19.3				-24.6	-14.3	-46.7	+5.1	-29	-35	-10		
	1971	?7.89		-32.3	-61.3	-26.6	-57.4		-25.4				739.9	+24	-10	+19		
	1954	-27.1	-54.6	-9.4	-30.0	+93.4	-4.8	-40.2	+11.3	-26.6	?78.9	-52.8						
	1937	-50.8			+10.9		-35.2		+63.1	-31.4	+11.3	+86.7	+444.8		-11	-28		
	1915		4 -39.0	+18.1		+58.2	-24.4	-8.40	-49.2	+24.4	-12.6	+58.3	-14.9	+10	+6	+21		
					1 17 0	-30.2	-18.1	-34.6	-42.1	-51.4	+42.4	+106.4		+18	+3	-3		
	1898	-20	-37.2	+5.3					+75.1	-123	+41.0	+12	+10.4	-36	+5	+4		
	1881	-18.9	+15.0	+41.2	-56./	-78.3	-73.3	07.2	+13.1	1120	111.0	116	1 10.4	00	1.4		1 1	
			-		-	-	-											
6	2011											-	-	-		01		
~	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			
							-49.6	-58.4	-85.1	+22.9.			+446.0	6 -39	-24	-34		
	1977			5 -17.6	-42.6	-67.6		-16.5	1047		+29.2			+35		+3		
	1955			-37.6			-39.2	10.0	+94.7	10.6								
	1938			+25		-34.1	-36.1		3 + 13.9.			+81.7		+48	+58		+	
	1921		2 -4.16		-660	+75.5		-47.2	+45.7		+50.6		+2.5	-1	-5	+13	+	
							-68.4		-37.7	-34.1	-10	+43.5	-22.9	-43	-36	-32		
	1899		-85.4		-74.7	-88.4					+148.0		+31.9		+62			
	1882	+20.	1 +165	+2.4	-23.5	+5.41	-32.6		+ 133.	T 30.0	T 140.0	110	1 01.0	+:	1.04	1		
	-	-	-				1	-	+			1	1	-	-	1	1 1	
17			-				-	E0 5	-	74.6		100	07.0	20		00	++-	
	1984		-56.1	-37.4	+0.50	+49.4	-15.2	-58.5	-84.1	-71.6	+24.6		-37.8	-20	-30	-23	1	
	1956	26.0	15 + 21	8 + 32.8				-30.7	-38.4	-14.3	+503.6	+38	+19.6	+24	+20	+40		
		10.0	2 . 01	0 56.0	21 5		-20.2	-27.5	-17.4	-29.7	+102		+9.5	+9	-5	-2		
		++37	0 +21.	8 -56.2 -47.8	-21.5			-38 7	-78.6	-63.6		+53.8			-2	-12		
	1928	1.01					-19.3	-00.1	F10.0	0.001	1700.0	100.0	1 10.0	1114	-		-	
	1928 1900	-10.9	-30.1	-47.8	+29.3	-17.7	-18.1	AE O	-99.1	-9.49	. 44 4	+54.3		-25	+4	+18		

34

	-		June		July			August			SEPTEMBER	1		OVER/	LL SEAS	SON	RÉMARKS
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	10
	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			-		+								1		1	
	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		+82.5	-67.5	+578	-70.2	-33.4	-48.3	?269	+37.2	+53.6	+1.2	-32	+8	-5	
	1919		+6.66	-20.1	-41.1	+57.3	-19.7	-55.7	-80.0	-49.2	+457	+10.7	-26	-32	+2	-15	and the second se
	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	1.00.00.00.00													-		
	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	
01	2016	1	1	1								1	1				
21	1988	-14.2	-57.0	-57.4	+10.7	+77.7	+33.6		+12.7	+19.4	+136	+33.4	+37.4	+65	+50	+41	
	1966			-32.8	?15.4	+14.3	+32.3		+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		+22.0		+52.6	-20.32	-32.4	+1	-10	-18	-
	1904				-4.6	=22.1	-51.4		-83.0		+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	

									Creerup			
8013	300	Feb	Max	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1991	21.943 16.580 40.414 249-746	調	-82.241 W. 66 -96.87 -96.87 -96.87 -26.04	15 -98.33 -98.33 -98 -98 -98 -98				-25631 -9.130 -84.381 -84.381 14.774			-100	-2014 22.9 167.9 -107 -96.72
	-12.08	27-142 -32-142 -22-141 -46-728 -7-142 -7-142 -7-142 -7-142 -72-95 -160	2 01.35 3, 0 833 - 6 5.84 - 41-16 - 97.95	-58.33 -38:533 -38:533 -38:533 -68:35 806.46 1675 39.27 833:33 2781:64	- 69.42 - 63.42 1941-145 1273(4 439.44 439.44	-9.49 -21.52 114.01 200.09 90.921 163.921	-58 % 14-262 -91 849 -39,00 -61 893 -25-80	-99-031	-123 -100 -100 -99.343	-100 -58.021 -59.220	-2.113 -60.76 -59.02 -75.75 -10.75 -10.10 -10.05	個·11
	-19.312 -91.505 -20.10 89.08 10.980 -69.480	-67,857	-81-291 -11-1159 -11-1159 -14-1159 -14-1158 -74-1158 -75-156	23.5 -10.0 -62.33 -66.666 -2.6 -70 -70 -73.333	18-245 -77,149 -78,85 4-857 -45,141 21-142 1442	1541665	-28.104 -57.889 13.033	-2.255	15.361	-24.49 104.835 - 15.845 18.955 -71.313	-99.461	99 0-10 -61.0 -100 -24.0 -100 (070-1
1997 - 1996 1997 - 1996 1996 - 1996	-63, 736 -2:510 190, 65 293, 471 -19, 734 -56, 99 -77, 202	-77.142 -63.571 272-657	11-875 -3-115 -53-125 -50 -17-9/6 -17-9/6 -19-975	89-333 -3.333 -33-93 -33-93 -33-93 -33-93 -33-93 -90 -90 -90	105. M2 -82-65	-412-516 +21.100 -60.633 -13.200 214-02h -36.007 87-753	-31-403 -5-336 57,456	-0.265 7.968	-2-172	-100 -9.0.21	-10.0	76.39
1111	-69-748	-39.2.25 -62.743	52-083 -100 -66-666 -3-125 -53-125	80 -100 -16561 -955 Uliééé	30.851 -54.23 -65.423 54.257 -80 -80	90-881	20.30	14.601 -13.44 4.249 1.759 -37.749	-99-585 -29-196 -99-72	-13 614 -58 719	400 600	129.3 10605 50.6 348 3 -100
	15.544	101 851	-68.75 124.31 -100 -81.25 -900 113.75 -15.62	-40 -35 -45 -45 -45 -45 -54 -53 -75	-90.289	54.790 -7-204 等。訳:	0-194 41-002 -10-252 50-78	-6.772 -12.0% -27.185 -22.963 -22.963 -22.963 (0.983 (0.985 (0.985) -75 q19	16.019 3%5.991 172281 55-15.9 ~21/27	-93-8M -80-0 M -90-0 M -90-0 M -90-0 M -90-0 M -90-0 M -90-0 M -90-0 M -90-0 M -90-0 M	-10-131 T3-700 -100 -100	90-16 -24-5 -\$1-05 -100 120-32 -99-36
	-89 601 42 497 730 649 -73 244 -73 244 83 937	-79.285 100 9.285 -96.418 155 528 511 105 - 114	-83-641 -3-125 -71-166 -34-37	1.666 26.64 -20 ML-66 -98.93 98.535 -98.64 -98.64	-42.85	-29.629 -42.765 00.925	-12.5% -25.419 -11.55 -1.970	-256-853 335-549 -31-609 20:918 -39-918	-38.201 -34493 30.915 37.347 37.943 -35.835 32.727	-63-123 -79, 690 -79, 690 -73, 301 -20, 913	-26 -82 726 -829 -100 -100 -100 -100 -100 -100 9 75 6	-100 15140 -2180 -1.80 -1.00 -100
がたに	-100	-85 114 97-85 -91-425 452-85	136.498	-50 (9:333 23/55 9/3:33 -80 (78:33 -81:44 -81:44 -90	-12:571 -16 -85-14 -169-14 -18-285	-30.57 -11-263 -6845 20550	2.416 3.3163 -2. 993 -99-02 91-532	11.985 25.531 13.377 -9.433	77.962 -26315 -26.736 -77.00% -77.00% -88.48 18.747	-2.901	44, 833 193, 963 -100 -100 -100	442.6 44.20 -80.3 -15.4 690.1 -100 -69.21 -69.3
THE SEC	- 47.668 -81.845 -44.821 -6-217 -99.481	11.422	-100 -97-9% -50 -34-169 -100	-100 -63-33 -26 -95 -100	4 132.51 11-42.2 -18.981 128.51	-52.80/ -31.03 99.76 -42.83 -6/34	29,005	-20/182 -44. 27 /6.268 -4.482 -4.482 -45.25	34.32	70-019 40-92 99-516 -74-854 -71-716	34-14-6	-100 12-101 251-3 +10-1 -52-43
	-38-031	-95.70 40.714 -87.285 -63.871	38-62 -5008 -00	93333 184 - 666 184 - 666	-85 714 -9- 428 2 428	-3-53 -3-58 -3-58 -3-58 -3-58	-40.78 -31-424 -21.798 00.444	15-803 -36 491 61-686	-14.805 37.20 23.00	-74-804 -10,69 -69-43 -26 240	490240 -100 -100 -9728 -100	-91-10 -80-3 252.1

	9-326 -55-940 -82-383 -46-32) -78-756 73-576 -50-289	44. 418 -18.991	-81-5 67-708 -19-95 80-67	-60	108-521 -69 69-714 61-141 236-541 236-541 249-74	-34-415 -34-415 45-249	22-54 -0:387 -1:065 -24-13 0:595	25-195 7-240 9 24 - 955 - 29, 944	-14-07 40-070 -12-031 0-305 28-917	76.5%	-95/21 1818 0 612.145	-63
	-46.68 119.09 -45.09 191.92	-28.571	123.6	-15-	/41-102 -02511 -02525 -025511	21 667	24 890 23 868 -14 100 -18 98 -18 98 -19 80 -1 80 -1 40 -1 40	-54-44 -38-91 55-146 475-255 1-6-557 1-6-557 1-6-557 1-6-8-957 1-6-8-957 1-6-8-957	2 -12 40 16 371 -25 91 -50 95 -18 95 -18 95 -18 95 -2 95 -74 92	-63.66 -19.110 6-81.36 - 57.78 105.78 105.77 105.77 - 04 57.04 - 05.78 - 04 - 05.78 - 04 - 05.78 - 04 - 05.78 - 04 - 05.78 - 05.785 - 05.78 - 05.78 -	-31-107 -21-95 -70-24 -	-71.01 1/62 - 2 3 6262 368 -8 - 100 - 100 - 100 - 100 - 100 - 100 - 100
172	44.04	194.228 -50.7% -42.42 -46.428 -95.70	-91.666 -71-215 62:5 -13:75 -91.666	-20-33	Sin nor	-24.7/6	21910	-2017219	-15-715 -43-86 -0303 -0303 -0305 -030 -0305 -030 -035-204	10 614	2 - 100 - 01 - 201	-100 -590 -590 -690 -690 -690 -690 -690 -690 -690 -6
	-34.896 99.481 25.388 -68.97/	258-11 15-11 -42-142 27,142 27,142 27,142 27,142 275 75 3-5714	-99.537 -99.537 -99.337 -99.339 -99.339 -99.239 -29.23	21-666 -10 -80 -58-38 -45 -46-66 -100	134.285 -74-235 -74-235 271-425 94-285	20 32 15 (94) -25 831 -13 370 -54 28 67 566 -3 903 177 01	-5% -35-8% -26-965 -44-06	3.582	95-300 -144-466 2-12-2 -0-305 -02-198 501.777 -02-198 501.777 -02-198 50-280 Ft-382	-61-257 -84-119 -62-861 -19-922 -76-189 10.955	-58-53 921-268 92-68-3 21-951 -100 -100	-100 -59.0 109.1 121.9 -100
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	-87.046 -66.5180 124-870 -1000 -33.618 -94.300 -94.300	-53-511 -53-511 -54-57	155.708 2.0833 -89.58 -86.455 -86.455 -86.455 -86.455 -86.455 -93.75	135 13553 -600 0 0		111- 396 45-261 -34949 -34949 -3-705 -3-705 44-759 67-616	- 21 1500C	12.42	16.371 31.480 31.980 78.980 78.980 78.980 78.980 78.980 78.980	79.8%	-17-54 -16-60 -100 -18-122 -18-122 -18-122 -18-122 -18-122 -18-18-12 -18	-1000-100
125	-14.974 -64.78 2.072 -800 45.074	1.43.57	-68.79 -26498 515-83 -160 -27 013	5	188 - 571 - 98 - 285 - 66 - 285 - 70 - 85 - 70 - 85 - 30 - 857	131-008	-19.431	-20-05	32-187 -1-544 -14-451 -3-082 -3-082	-19-411 237.29% 1-547 -100	-100 1/29 80 -100 82 925 -100	-1000
123	-12.953	-4-28	-3.129 -8.875 119.791 64.983	-16-666 -100 -14-666 -11-666	160 157-792 - 78-857 - 96-571 95-928 165-192	14-529 6937 21-842 57 704	5 336	-16.749	-22.284 12.834 -6.872 -15.361 19.050 43.304 -28.79 -2.930	-84-52 23-210 -98-06	-10-131	3934
清洁	29-27 -33-618 -33-618 -55-235 -137423 -7-253 -100	- 21.428 - 17.877 - 15.7/4 - 15.7/4 - 75	-66 44	76-664 105 -40 -63-33 -16 44 135-131 95-04	3828 -80 115:42 -100 60.946 -14.987	41-120 -45-67 83-793 184-140 83-181 -15-995 3-851	-2-57 7-1-375 71-375 10-255 -12-056 -12-056 -01-380	-18-55 -18-56 8-99 8-99 8-516 9-188 -81-024 5-915	8/35 -1954 -	101-00 	14. MS	-100 -100 -90-21 -96-4
	-61-65 -61-658 -100 -46-321	-98-428 -21-428 -33-142 -15-14 51-428	-100 -13-16 -13-16 -6-25 -100	143番 - 本666 - 昭 383 - 昭 - 昭 383 - 昭 - 昭 - 昭 - 昭 - 昭 - 昭 - 昭 - 昭 - 昭 - 昭	32- 28-571 -8-591 3-42-8 -45714	113-675 -28-201 21-564 -19-518 1-234	-32名第	-35.723 6.739 28.054 -23-55 62.158	-115 528 339-917 339-917	-9.79 78 59 74 328	-95.122 -87.804 219.512 -100 -73.00	-100 -96.7 -100 -100 -160
關	-68-419 -64-248 -84-970 -90-409 -90-409 -95-077	-63.55 -78.55 -767-25 -577-25 -231-91	-100 -13, 54 24468 -11, 66 -11, 87	20 -100 -70 -70 -91.6%	109 7/4 -34 438 -167 741 -167 741 -96 894	ないない	45. 949 94. 961 -49.77 37. 993 -1.002	12.61 / 57.682 6.142 -15.405 48.007	25063 (10·20 -1628 -1628 -1628	-78334 -59.961 -59.361 -59.361 -59.361 -59.361 -59.40	-65-153 -14-561 -100 153-161	-100 142-6 -69-0 72-13-8 -88-6

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