Jarkhand 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 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 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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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:

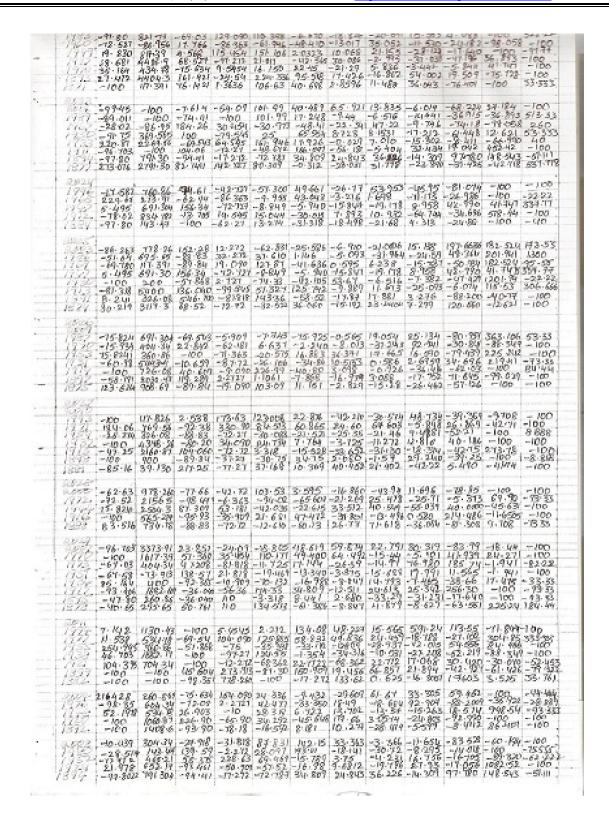
We can make many more modifications thus bringing many more developments in the Indian weather time scale and its all additional Indian weather time scale.

-			June		July			August			SEPTEMBER			OVERAL			REMARKS	
F	2020	Т	R		T	R	C	T	R	C	T	R	C	T	R	C		
-			1811		-39.2	+5	-15.8	+4.70	-11.2		-35.2	-19.1	-26	-1	-12	-6		1
	1992	?7.18		-54.0					-17.8		+1503	+139	+95.4	+17	+16	+44		
	1964	-31.6	+21.3	-15.0	-36.6	+108	-13.4	?99.5			+7.82	+21.2	-39.2	-3	-29	-5		+
1	1936	+31.7	-9.16	-13.0	-14.1	-35.3	-7.00	-12.5	-65.7	-32.3		+84.9			-9	-2	-	-
1	1908	-32.3	-62.9	+69.9	+5.8	-29.4	-50.9	-9.13	-57.2	-25.2	+10.8		+48.4	+38				+
Ī	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		+
ı																		-
ı	2017																	-
ł	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		\perp
ł	1978	-78.2	-7.7	+26.2		+57.5	+6.9	+47.0		+31.7	+169.0	+100	+8.0	+50	+37	+55		
1		-		+70.9		+32.9	-24.3	-8.35	-4.9	+13.3	+20.0	-49.6	-6.1	+12	+1	+30		
ŀ	1961	+34.0	+27.8				-42.3	-27.5	+13.9		-3.95	+81.7	-13.5	-28	-12	-23		
1	1939	-38.0	-20.5	-38.2	-44.6	-34.6			-30.3		+22.6	-1.2	-48.3	-18	-29	-15		T
1	1922	-12.3	-50.4	-90.2	-27.6	-516	-31	-36.8			734.8		-6.5		-4	-18		†
	1905	-17.6	+8.61	-29.3	-64.4	-62.2	-72.7	+16.8		-10.5		-58.1		-5	-4	-21	-	+
	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		+
-											-		-	-				+
	2024										1.10		100		00 4	40		+-
	1996	+13.5	+29.4	+13.7	-32.4	-21.4	-17.3	+21.1	+96.6		-4.49	+51.2	+19.3	-3.6	+83.1			-
	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		-
1	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		
		The Real Property lies and the Personal Property lies and the			+12.5	-20	-5.6	-11.8		+15.3	-12.1	+41.4	20.3	-15	+1	+10		
	1912	-61.1	-53.3	-74.3						-15.3	+65.6	-30.9	+8.1	+12	-48	-1		
	1884	-38.8	-53.7	-69.4	+40.7	-43.1	-33.7	-23.1	-23.0	10.0	1 00.0	-00.0	10.1	TIL				-
	-		9-							10.0	. DE 0	040	10.1	0.4	-20	-15.9	-	-
	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				+
	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		-20.8	-31.4	-30.9	-35.8	-50.5	-9.5	+27.8	+99.1	+1.76	-14.9	-5	-20	-20		1
	1926	-69.7	+32.3	+298.6		-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		+1.24	+26	+4.3	-12	+44	+7		
					-23.5	+5.41	-32.6	783.3	+133.	1-506	+148.0	+16	+31.9	+49	+62	+40		
	1887	+20.1	+165	+2.4	-23.3			100.0	+50.6		1.1.1.1	-58.1	+25.5	-29	+25	-7		1
	1870_		+11.5	-64.1	-	-89.5	-42.4	-	+50.0	-22.0	-	-30.1	T20.0	-29	1 20	-		+
						-				0010	E7.0	05.4	F7.0	- 44	+39	+23		+
	2000	+56.9	+75.4	+47.8	-22.9	-7.8	-34.8	+66.5	+145	764.9	-57.0	-25.1	-57.9	+11				+
	1972	20.93	+39.5	-77.6	-42.6	-67.6	-49.6	-58.4		+29.9	-37.2	+39.9	+446.6		-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		\perp
	1916		-36.5	-2.4	+9.79	+12	+36	-24.3	+17.9	-11.5	+92.0	+54.0	-38.4	+19	+45	+18		1
- 8	1888	-18.3	-55.3	-56.2	-4.76	-53.2	-32.5	-43.6	-42.2		-49.3	+72	-57.6	-28	-14	-39		
	1000	-10.5	-00.0	00.2	11.10	00.2		1010										
	2019	-		-		1												T
	2018	014.4	61.0	12 /	-6.5	-44.4	-52.0	-53.8	-22 /	-94.3	-28.4	+10.9	+15.1	-25.1	+2.1	-1.2		
	2001	714.4	-61.8	-13.4			-60.9		-578	-64.2	+99.3	+37.8	+12.1	-8	-20	-21		
	1979	-18.7	-26.9	-23.0	-530	-40.4		-50.4			+103	+4.4	+58.9	+14	-11	+30		+
	1962	-48.5	+54.0	-36.1	-24.9	-47.1	+2.5	-27.6	+6.1		+18.9		+6.3		+15	-1		+
	1945	+17.1	-58.3	-67.7	+14.2	+112	-6.7	-2.23	+17.7			-15.6		+8				+
	1923	-80.1	-11.2	-75.5	+3.97	-53.4	-57.5	-54.2	-80.7		+73.8	+33.5	-99.3	-17	-29	-13		-
	1906	+95.6	+57.6	+180.	6 -10.7	+18.0	-34.9	-3.33		+10.9	+34.8	+47.4	-45.6	+10	+29	+18		+
	1889	-16.6			+2.55	+43.6	-27.4	+24.0	+28.8	-33,2	+76.8	+17.8	+45.2	+18	-34	+23		1
	-	1		1														
	2019	1	1		1						T		-		Sec. 11.00			1
	2002	22.0	1100	+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		
			+16.5				-6.8	-44.5	-18.3		-39.2	-62.0	-44.1	-23	-20	-4		1
	1985		-21.8	-4.6	-15.4	-85.6					-27.1	-35.4	-4.3		+2	-3		1
	1963	-24.0	-7.7	-36.3	-43.0	+4.5	-22.2	-25.0	+60.6			-		+11	-20	1-15		+
	1946	+270		-22.0	+5.69	-39.7	-9.8	-18.3	-16.6		-47.4	+6.4	-16.1	-8				-
	1929	-31.6	-20.2	+46.2	-56.6	-44.5	-65.4	-39.9	-69.5		+79.3	+58.1	-4.1	-18	-12	-3		-
	1907	?22	-19.7	+48.8	-42.6	-19.7	-35.1	?	-74.6		-18.4	-1.2	-64.4	-8	-28	-19		1
	1890		+84.1	+2.3	-7.57	-11.6	-39.7	-25.0	+9.21		+78.5	+38.5	-30.7	+10	+22	-15	-	
	1,000	-13.5		-48.2	-64.5	-53.2	-39.4	-31.5	-24.7		+39.8	+25.6	-39.9	-27	-19	-20		

	IUNE		JUNE			JULY	-		AUGUST			EPTERMBER B	C	T	Oves on R	C	REMAR		
	2025	T	R	C	T	R	C		R	C	T	R				+3.2		-	
	2003	+11.3		-21.6	-7.57	+22.3	-0.9	?7.85	6.2	-28.8		-20.1	-13.2	-8.2	-			-	
						-28.4	+52.9	+47.3		+31.1	-34.3	+20.3	-43.6	-1	-5	-3			
		79.92		-19.6				-26.4				-73.9	-20.6	+9	+44	-22			
11	1969	+6.09	+11.3	-37.4		+11.0	-5.0					70.8		+35	-3	+19			
F	1947	-56.9	-16	-46.5	-29.3	+25.6	-3.5	-25.0			-					-8			-
	1930	?40.5	+42.7	+39.8	-46.6	-61.0	-44.4	-41.8	-62.7	-48.7		+35.1	-17.6	-17	-39			-	-
				-13.3	+25.3		-9.7	-48.6	-69 7	-63.8	-3.9	-3.52	-33	-18	+74	-17			
	1913	-32.1	-66.5					-43.8				+252.0	+32.3	-2	-12	+14			
1	1874	-45.9	+39.5	+7.3	-4.1	+50.6	-13.4	-45.0	-30.1	-35.0	1 10	TEGE.	1 02.10	-					
									-		-				-				-
1	2004													- 10	0	. 7		-	-
		20.7	-2.6	-63.3	+77.3	-23.9	+248	+2.73	+83.1	+17.4	20	-54.4	-52.3	+18	2	+7			
	1976	-30.7						-58.7		-48.9	+66.3	-19.3	-8.1	-10	-30	-19			
	1948	-69.0	-48.1	-61.5	-45.8	-35.6	-26.6				-22.7	+24.3	-35.6	66	-30	-38			
	1920	-39.6	-39.5	-42.8	-40.6	-71.8	-99.4	+55.5							+62	+40	-		-
	1892			+2.4	-23.5	+5.41	-32.6	?83.3	+133.1	+50.6	+148.0	+16	+31.9	+49	T 02	T40	-	-	-
	1032	T 20.1	110.0	1	20.0	10111													-
								-			-								
)	2005									00.4	. 407	1100	+39.6	+51	+65	+50			
	1983	+7.42	+17.6	+19.8	+2.92	-88.9	+7.0	+85.1		-		+160							_
				-12.1	-39.3	+23.1	-17.2	-67.6	-88.5	-59.9	?105.2		+60.4	-9	+29	+12	-	-	-
	1960	-29.2						-11.9		+8.9	+106.1	+109.0	+61.1	+5	+50	+47			
	1949	-26.3	+51.6	-8.4	-24.4	+13.7	+3.1					+94.1	+16.4	+1	+24	+23			
	1927	+55.6	+25.9	+34.2	+4.10	+26.3	-23.5		+46.0	-9.3				-	+45	+22		-	
	1910	+81.6		+20	-36.6	+76.6	+2.1	-34.1	+62.9	-17.8	+76.6	+55.2	+4.8	+10			-		-
						+98.2	-55.1	+67.6		-10.6	+15.0	-8.96	-56.6	+45	+16	+19			_
	1893		+53.4		+10.5				+6200		+65.4	+26.6	+714	-36	-7	-18			
1	1871	-41.2	-59.5	+399.6	-44.5	+31.0	+65.6	-17.0	70200	00.0	1 00.1			1					
T		1	-				50					-	-	-			+		-
1	2006									1									
		74.0	17.0	20.2	. 70 4	126 5	+80.2	+2.64	-796	-10.5	?53.3	+59.8	-99.3	+43	+49	+42			
	1989	+71.8		-20.3	+72.1	+26.5				-55	+28.3		-16.7	+19	-10	+2			
-	1967	+17.4	-25.4	-1.7	+51.5	+6.11	-0.4	-25.2							-5	-9			-
	1950	-51.7	-12.2	-40.7	-33.7	-20.8	-9.4	-67.6		-59.9	+31.5		+2.8	+1					-
-				-52.5	+116	-18.9	-6.9	-22.9	+80.3	-29.6	?49.7	-48.4	-32.1	+11	-11	-5			
-	1933	+87.3					-22.2	-28.4		-62.5	+1.00	-22	-13.5	-20	-32	-18			
	1911		+3.47	-22.9	-36.6	-26.4					+3.0	-17.3	-0.06	+19	+11	-7			
	1894	+7.8	-45.4	-8.2	+25.4	+15.3	-51.4	+14.6		-31.4							-		-
t	1877		+5.41	-70	-75.6	-65.4	-53.4	-58.5	-48.5	-56.3	+15.9	+7.20	+21.4	-39	-19	+21			-
H	1011	-40.2	70.41	10	10.0	00.1			1										
2		-	-			-	-		-	-	-								
	2007								-	-	10	000	00.0	. 44	. 0	-2			-
t	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			-	_
H			+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			-
-	1973								-62.2	-26.4	-0.3	-33.6	-31.4	-10	-33	+11			
- 1	1951	-17.0	-15.9	+3.1	-5.77	-7.8	+28.6						-40.4	+5	-30	-1			
Ī	1934	-3.04	+25.6	-4.5	+22.8	+27.0	+5.9	+0.3	-68.0	-18.8	+11.5	-62.4							
-	1917		+36.3		+7.94	-38.8	-38.4	-17.2	+52.1	+3.2	+11.3	+22.0	+30	+25	+17	+38			-
-								-15.4		-4.8	-60.3	+41.3	+25.5	+45	+2	+19			
- 1	1895	-17.5	-44.5	-21.4	-7.9	+27.6	-17.4	10.4	F41.0	7.0	100.0	1	1						
												-			-	4		-	-
3	2008												-						-
,		00.6	47.0	. 00	242	00.4	-11.6	-99.9	2017	-6.6	+2.48	-447	-37.1	+5	-25	+20			
1	1980		-17.6	+80	-34.3	-28.4		-60.4		-51.0	-40.1	-63.6	-53.2	-30	-41	-39			
- 1	1952	-50	+34	-37.8	-59.7	-45.3	-45.0							-7	-3	+8			
- 1	1924	-4.8.6	-58.8	-56.6	-36.1	-13.3	-45.2	-16.7		-32.8		+81.4	+7.4				-		-
ı	1896	-34.0		-22.8	-18.7	-38.8	-29.3	+0.18	-21.8	-25.3	+08.2	-31.2	-16.5	-24	-32	6			-
1	1000	-04.0	02.0	20.0	1011	00.0		100											
	-	-			-	-		-	-	_				1				-	
4	2009					-	-		-	000	FC 4	100	60.0	10	0.4	-33	-		
	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				-
1	1970	?75.9		+41.5		-2.8	-39.7	+63.4	+77.2	+9.0	+36.3	+83.0	+477.	+25	+39	-5			-
1							-40.1		-48.4	-20.4	?14.6	+54.8		+25	+10	-3			L
	1953	-20.3	-26.5	+0.8	-56.1	+4.1					+14.3	-33.2	+12.8	+18	-11	-12			
	1931	+50	-440	+768.	9 + 12.3	-2.70	-24.0		-26.8	+39.2							1		
	1914		0 -13.6	-7.9	+11.6		-19.7		+42.1		+67.9	+60.8		+27	+20	+18	-		
			-42.6	-57.2		-9.47	-48.1	-34.6	+32.1	-26.5	+42.4	+12.8	+39.4	-1	+35	-2			
	1897	-34			171.0			1	+50.6		1	+58.1		-29	+25	-7			
	1875	-	+11.5	-64.1	1	-89.5	-47.4	+	TJU.0	do to , U	+	1.00.1	1	1	1	1		7.9	
						-	-	-	-	-	1	-	-	1	-	-			
5	2010	1								-		1	-	1	1				-
	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		-		_
				-32.3	-61.3	-26.6	-57.4	-19.4		-24.6	-14.3	-46.7	+5.1	-29	-35	-10			
	1971	27.89						-40.2		-26.6	?78.9	-52.8	739.9	+24	-10	+19			
	1954	-27.1	-54.6	-9.4	-30.0	+93.4									-11	-28			
	1937	-50.8	+15.9	-89.6	+10.9	-9.48	-35.2	-43.5			+11.3	+86.7							-
	1915		4 -39.0	+18.1	-15.2.	+58.2	-24.4	-8.40			-12.6		-14.9	+10	+6	+21	-		-
					+47.8		-18.1	-34.6	-42 1	-51.4	+42.4	+106.	4 -8.5	+18	+3	-3			
	1898	-20	-37.2	+5.3	T41.0	-30.2	70.0	-34 2	70 4	-123			+10.4		+5	+4			
	1881	-18.9	+15.0	+41.2	-56./	-78.3	1-13.3	-34.2	+10.1	-123	71.0	1114	1 10.7	100	10	1	-		
									-			-	-	-	-	-			-
6	2011		-																-
9		00.0	10	EC 7	20.0	000	-9.7	+6.7	1-10.8	-37.2	-71.7	-71.3	-49.3	-23.5	-34.9	-21.4			
	1994		-40	-55.7	-20.0	-98.9			-85.1		.9-37.2	+39.9			-24	-34			
	1977	?0.93	+39.5	-17.6	-42.6	-67.6	-49.6										-		
	1955		-48.3	-37.6	-55.5	+17.2	-39.2		+94.7			+10.6		+35	+20	+3	-		-
					?15.8		-36.1		8 + 13.9		+89.8	+81.7	?82.2	+48	+58	-45			
	1938		?33.3			-34.1	-		+45.7			-23.2	+2.5	-1	-5	+13			
	1921	+44.	2 -4.16	-39.8	-660	+75.5		1 00 1	+45./							-32	-		
	1899		-85.4	-57.8	-74.7	-88.4	-68.4	-38.1	-37.7	-34.1	-10	+43.5		-43	-36				-
					-23.5	+5.41			+133	1 +50.6	+148.	1 +16	+31.9	+49	+62	+40			-
	1882	+20.	1 +165	T 2.4	-20.0	+5.41	1 32.0	1	100.						100				1
	-	-		-	-	-	-	-	-	-	-	1		1	1				
							_		-	-	-		0= 5	00		100	-		-
17	2012		-56.1	-37.4	+0.50	+49.4	-15.2		-84.1	-71.6	+24.6		-37.8	-20	-30	-23	-		-
17		-34 6		-					-38.4	-14.3	+503.	6 + 38	+19.6	+24	+20	+40		- North-	L
17	1984			1 20 0	30.00														
17	1984 1956	?6.8	75 +21.	+32.8				27 6	17 /		⊥102			+9	-5	-2	1		
17	1984	?6.8° +37	75 +21. 3 +21.		-21.5	-38.5	-20.2	-27.5	-17.4	-29.7		-3.44	+9.5	+9	-5	-2	-		_
17	1984 1956	?6.8° +37	75 +21. 3 +21.	3 -56.2	-21.5		-20.2	-27.5 -38.7	-17.4 -78.6 -99.1		+90.3	-3.44	+9.5 +10.0		-5 -2 +4	-2 -12 +18			

			June		July			August			SEPTEMBER			OVER	LL SEA	SON	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	11200
	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	4.5
	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		+48.3	-16.3	-10.9	-14.9	-28.5	+149	+31.6	+7.2	+21	+11	+15	
	1958	-60.6	-19.5	-42.3	-10.1	-16.7	+22.7	-32.0		-15.9	+13.0	-10.4	-12.7	+21	+11	+10	
	1941	+18.0		+82.5		+578	-70.2	-33.4		?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	
	1902	-36.6	-27.6	-47.8	-48.6	-13.6	-35.5	-12.1		-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		-67.3	+38.5	-25.4	+5.5	-18	-18	-10	
20	2015				-												-
20	1998	?1.32	-529	-34.5	-21.5	E0.0	00.0	45.1	00.0		+49.0	. 70.0	- 50				
	1981	+36.3		-26.9	+1.12	-58.6	29.8	+15.4	+20.2			+70.6	+56	-50.9	+37	+25.3	
	1959	-4.76	+76.3	+18.3		-5.9	+10.0	+7.12		-28.9	-99.9	+61.2	+24.6	+26	+10	+25.3	
	1942	74.76	+42.7	-12.1	-7.78	+9.27	+20.5	-34.2		-30.9	-	+136	-28.8	+40	+10	+12	-
	1925	6.28	-47.2		THE RESERVE OF THE PERSON NAMED IN	-66.7	-47.9	+22.4		-18.4		-24.8	+34.2	-4	-20	-20	
	1903	-25.7	-680	+1.0	+2.38	-9.2 -46.8	-10	-4.93	+19.1		-0.54	-18.4	+386	-2	-14	+4	
	1886	+60.9			-	-	+10.2	+34.8	+30.3	-		+72	+7.0	+45	+39	+37	
	-	+00.9	+3.00	+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						. 00.0	050		40.4	100	-	1				_ i _ i
	1988		-57.0	-57.4	+10.7	+77.7	+33.6			+19.4	+136	+33.4	+37.4	+65	+50	+41	
	1966				?15.4	+14.3	+32.3			+6.1	+61.3	+14.8	-27.2	+3	+20	+9	
	1932				?3.97	-24.1	-13.7			-36.2	+52.6	-20.32	-32.4	+1	-10	-18	
	1904		-33.4		-4.6	=22.1	-51.4			-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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	09000	den	Feb	Mex	Apr	Hay	Tope	July	Aug	Sel	Oct	Dov	0
	17.5	46-1633 41-758 214-2851 677-4565	1386 % 165 27 2 13 43	165.98 -94.771 -87.30	9 - 70 -97-372 -93-868 -109-866	-4-4-29 67-469 -5-973	119. 603 17. 924 49. 247 0. 625	93-495 -38-314	21 2785 6 6090 7 663	-90 850 33, 278 -18 618	-37.5	-100	0e(
	超過	- 86-707 - 180	975-652		41-819 2-7272	-34-293	-12-2% 6 -42105	-32 015	- 13 5TE	-5.931	21 0 28	-85.436 (26).90	-35-55
		19-780 - 13-88 809-810 106-191 - 69-780 351-672 - 100	+ 78.146	~ 55·33/	-35.999 -13.522 -92.523 (-2.636 (-32.727 -4).8(8	19. 247 31. 63.1 -99.56 -86. 725	19: 610 -63: 744 -40: 453 68: 368 -78: 165	-21-154 -2-1666 1-8626 -11-617 -63-98 -22-691 2-3808	1-667 1-641 -36.42 44-783	20-199 II-926	-64, 117 -24, 136 -62, 401 -97, 663 -96,033 -62, 903		1680
1	第3 第3 4 5	-36-313 54-945 -10-431 124-725 526-57 - 15-574 - 53-296	1117 Steve 1	- PERSON 1 TO SER	32-31 2 -36-863 -8-63 -77-332 17-2727 -5-967 -79-596	96.902	-44.633 -43.720 57.217 86.190 -64.54	13.75.3 -9. 201 19. 745	33, 104 -11, 1925 -5451 Sec. 671	-35 461 -34 883 15 834	7-251 105-124 44-215 -80-49	167-961 -100 -100 203-89 -78-640 -55-331 -85-486	\$26-61 -100 -100 -37-77 -100
		/(c) 19(7) (77) (49 8) 31 86 - 58 84) - 82 47 3 5 1643 - 76 333	2040.44	- R.A. M.C.	21.2416	26 - A420 - 46 337 105-53 44 238	10. 157 -33 A/9	-22, 907 15 (12) -2 39 3 50 384 26, 193 -92 776 -6 593	Address Steel Black	12-2 TT -15-80% 01-981 56-867 -28-829 -24-268 14-927	119. 158 - 77. 197 259 519	142-18 -17-047	-100 262.7 -100
1/2	42	- 85-164 119-230 100 -96-604 -100	1424 18	· 18 207	14-090 -22-727 -40-63 -47-363 -65-909	-119- 951 -2-276	12. THY -	-22.681 67.862 6.192	-9.115 24.237 -76.33	-Wr 836 -70-012 -1-368	-43.00 -43.00 -44.20	-44-019 80-582 A/4-694 -89-320	= 62-11L 217 77 -66-466
1/2	125	51-268 -52-850 -44-50 8-79: -23-50 126-813 43-505	2782-46 4152-77 1767-76 -31-347 1765-31	-/60 68-617 100 1:15-93	41, 363 -87, 689 -40-494 24,090 64,595	-12 18 P -53 944 38 880	40 73 . 26 860 30 860 -30 23	-30 406 12 277 17 821 9 343 19 76	1,313 16.924 21.081	63 193 26 176 19 873 40 401	55 244 38 774 45 560 38 2009	95.445 10.0 22.038	860 85.65 5.55 -100 75.33 44.49
	979 1	87-912 49-130 85-668 212-637 -95-664 137-60	804.34 904.34 907.83	266 32 -32-481 62-79 -78-79 74-679 05-583 38-578	-40-45 -18-18 -14-59 -7-727 -86-363 -96-363 -32-727	25.619 5.124	- D R 1-0	18.408 - 28.477 8 4.974 -	50.03 23.193 5.250 5.878	31-66 - 7-03/0 - 9-373 -35-5/6 -	711.782 34.36	18 098 81 - 28 100 1	100 40 81-80 -63-22 83-72 60-44
		-100 -100 -15-504 -15-504	534.78 3 773.91 2943.01	04-48 0 9 22 13 464	275 -47.565 -35.454 -68.695	49-53 30-309 3	24.33 -48.07 H	36.550 H	Sec. 100, 100	6/- 67 / 12-069 -	ADMINISTRAÇÃO DE LA CO	1:553 1:553 198:05 100 //	86.66 100 - 100 7231 73.78 (11.11 21.21 (2.21)
	经:	94-555) - 65-513 / - 64-185 24-185 82-417 2	M 30 - 586 95 769 50 20260 - 473-97 -	79,41 21.11 7.644 70.619 84.771	-67/127 3 46/363 7 -86/368 1 -100 ~	18:76] - 18:11:00 16:2:148 19:4:33 19:4:23	30-95 - 9-743 - 9-44-189 -	7.05 -1 12:670 to	7 140 . 370 . 7 597 . 285	22.93 - 10.715 - 90.23¢	79. 95 -: 18. 813 61-231	10 - 87 - 2 4 - 237 - 53 - 580 7	100 100 100 14 4 4
139	8年1、	-100 -67 03 6 95 609 6 -98 36 3 -91 15 -15 034 6 15 841 6	91-304 2 86-95 81	7.219 96.60	1 m	55.75 - 5.068 - 42.153 -	19.549	-830 - 6341 69 1-903 1	. 286 — 3.5-42 1-240 1-04 —	- 26 667 8 45 83 - 7 009 - 1 7 42 16 5 595 - 2 940 -	56-373 76 37-5 = 5-614 = 51-710 = 11-388 =	9, 8131, 11 -100 100 56-510 4	633



3/25/2018