Sub Him, West Bengal & Sikkim 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 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 Indian 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.

[Gangadhara Rao Irlapati. **Sub Him, West Bengal & Sikkim Indian Weather Time Scales.** *Academ Arena* 2018;10(3s): 121-128]. (ISSN 1553-992X). http://www.sciencepub.net/academia. 17. doi:10.7537/marsaaj1003s1817.

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 vears 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	1	July			August			SEPTEMBER			OVERA	LL SEAS	NC	REN	MARKS	
1	2020	T	R		T	R	С	T	R	C	T	R	C	T	R	C			
	2020				-39.2	+5	-15.8	+4.70	-11.2	-10.8	-35.2	-19.1	-26	-1	-12	-6		ì	
-	1992	?7.18			-36.6	+108	-13.4	799.5	-17.8	-11.8	+1503		+95.4	+17	+16	+44			
	1964		+21.3				-7.00	-12.5		-32.3	+7.82	+21.2	-39.2	-3	-29	-5			
	1936	+31.7			-14.1	-35.3				-25.2		+84.9	+48.4	+38	-9	-2			
	1908	-32.3	-62.9		+5.8	-29.4	-50.9	-9.13	+2.63		+56.2		-51	-11	-18	-30			
	1880	+21.5	+15.2	-99	-24.0	-50.2	-46	-60.7	+2.03	-99.4	+00.2	T 13.1	-51	-11	-10	-00			
	2017	-		-							74.7		10.0	00.5	07.4	40.0		-	
	1995	-1.01	-11.5	-36.2	-13.6	+6.5	-20.9	-46.7	-20	-23.0	-71.7	-17.3		-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		+8.0	+50	+37	+55			-
	1961		+27.8	+70.9		+32.9	-24.3	-8.35	-4.9	+13.3		-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		+85.1	-32.1	-56.6	+31	-4	-21			
	1003	+60	+23.3	-23.1	-0.24	-20.0	-00.1	TUZ.E	100.1										<u> </u>
	2024						47.0	24.4	. 00.0	0.0	-4.49	+51.2	+19.3	-3.6	+83.1	+46		-	_
	1996		+29.4		-32.4	-21.4	-17.3	+21.1	+96.6		+1.007		-26.6	-3.6	-18	-39			-
	1968	-330	-28.3	-38.7	-28.0	-39.4	-38.4	-82.5	-34.2						-5	-3			
	1940	-19.8	+24.3	-2.0	+9.24	-159	-34.0	-89.9	-33,9		-26.2	+35.0	-21.5	-5	+1	+10			-
	1912	-61.1	-53.3	-74.3	+12.5	-20	-5.6	-11.8		+15.3	-12.1	+41.4	?0.3	-15	-48	+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	-40	-1			
	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		+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			
					-44.5	-23.3	-24.2	-27.0	+2.08		+80.8	-7.04	?2.0	+10	+3	+3			
	1965	-51.1		-36.6	-31.4	-30.9	-35.8	-50.5	-9.5	+27.8	+99.1	+1.76	-14.9	-5	-20	-20			
	1943		-54.8	-20.8		-33.5	+1.8	-19.4	-31.4		-18.6	-36.7	-5.3	-25	-2	-1			
	1926	-69.7	+32.3	+298.6			-22.4	-35.9	+2.06		+1.24	+26	+4.3	-12	+44	+7			-
	1909	-6.87	-45.4	-32.6	+0.71	-45.4			+133.		+148.0		+31.9	+49	+62	+40			
	1887	+20.1		+2.4	-23.5	+5.41	-32.6	?83.3	+50.6	22.0	1140.0	-58.1	+25.5	-29	+25	-7	-		
	1870	-	+11.5	-64.1		-89.5	-42.4		+ 50.0	-22.0	-	-30.1	720.0	-29	1 20				
	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	20.93	+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		-36.5	-2.4	+9.79	+12	+36	-24.3	+17.9		+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		-49.3	+72	-57.6	-28	-14	-39			
	0010	-	-	-		-					-	-					-		-
	2018	214.4	-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			
				-23.0	-530	-40.4	-60.9	-50.4	-578	-64.2	+99.3	+37.8	+12.1	-8	-20	-21			
	1979	-18.7	-26.9		-24.9	-47.1	+2.5	-27.6	+6.1		+103	+4.4	+58.9	+14	-11	+30			
	1962	-48.5	+54.0	-36.1		+112	-6.7		+17.7		+18.9	-15.6	+6.3	+8	+15	-1			
	1945		-58.3	-67.7	+14.2			-2.23	-80.7		+73.8	+33.5		-17	-29	-13			-
	1923	-80.1		-75.5	+3.97	-53.4	-57.5	-54.2	-0U.7	+10.9	+34.8	+47.4		+10	+29	+18			1
	1906		+57.6	+180.6		+18.0	-34.9	-3.33			+76.8	+17.8			-34	+23			
	1889	-16.6	-25.8	+50.1	+2.55	+43.6	-27.4	+24.0	+28.8	-33.2	710.0	+17.0	+43.2	+18	-04	TEJ			
	2019												-						
7	2002	-23.0	+16.5	+478	-70.2	-50:1	-69.6	+5.43		+64.9	-58.4	-23.4	57.9	-37.1	-31.5	-35.1			-
	1985		-21.8	-4.6	-15.4	-85.6	-6.8	-44.5	-18.3		-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		-27.1	-35.4	-4.3	+11	+2	-3			_
	1946	+270		-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	-	-19.7	-35.1	?	-74.6	-53.6	-18.4	-1.2	-64.4	-8	-28	-19			L
	1890		+84.1	+2.3	-7.57	-11.6	-39.7	-25.0_	+9.21		+78.5	+38.5	-30.7	+10	+22	-15		750	
	1873		-47.7	-48.2	-64.5	-53.2	-39.4	-31.5	-24.7		+39.8	+25.6	-39.9	-27	-19	-20			L

	JUNE		JUNE			JULY			AUGUST			SEPTERMBER			Oveson	_	KEM	ARKS	-
		T	R	C	T	R	C	Т	R	C	T	R	C	T	R	C			
	2025							?7.85		-28.8	-1.86	20.1	-13.2	-8.2	8	+3.2			
1	2003	+11.3	-14.8	-21.6	-	+22.3						+20.3		-1	-5	-3			1
	1986	79.92	+5.6	-19.6	-21.4	-28.4		+47.3			-					-22		-	-
	1969	+6.09		-37.4	?7.99	+11.0	-5.0	-26.4	+53.5	-57.1				+9	+44			-	-
			-16	-46.5			-3.5	-25.0	+856	-7.2	?64.9	?0.8		+35	-3	+19			
	1947						-44.4	-41.8			+410	+35.1	-17.6	-17	-39	-8			
	1930	?40.5		+39.8		-61.0				and the same of			-33	-18	+74	-17			
	1913	-32.1	-66.5	-13.3	+25.3		-9.7	-48.6		-63.8						+14		1	
	1874		+39.5	+7.3	-4.1	+50.6	-13.4	-43.8	-58.1	-59.8	+15	+252.0	+32.3	-2	-12	+14		-	+-
-	1071	10.0	100.0											200000000					-
-																			
	2004							0.70	20.4	. 47 4	20	-54.4	-52.3	+18	2	+7			
	1976	-30.7	-2.6	-63.3	+77.3	-23.9	+24.8			+17.4					-30	-19		-	-
	1948	-69.0		-61.5	-45.8	-35.6	-26.6	-58.7	-15.6	-48.9	+66.3		-8.1	-10				-	-
							-99.4	+55.5		-47.4	-22.7	+24.3	-35.6	66	-30	-38			
	1920	-39.6		-42.8	-40.6	-71.8		202.2	1 100 1		+148.0	+16	+31.9	+49	+62	+40			
	1892	+20.1	+16.5	+2.4	-23.5	+5.41	-32.6	183.3	+ 133.1	+50.0	T 140.0	110	10110					-	
1									2					-	-		-	-	-
1	2005		-															-	-
1		= 10	17.0	. 40.0	. 0.00	000	+7.0	+85 1	+77.8	+22.4	+127	+160	+39.6	+51	+65	+50			
L	1983	+1.42		+19.8	+2.92						?105.2		+60.4	-9	+29	+12			1
	1960	-29.2	+5.97	-12.1	-39.3	+23.1		-67.6			100.2	1 101			+50	+47			7
1	1949		+51.6		-24.4	+13.7	+3.1		+29.5				+61.1	+5			-	-	
1				+34.2	+4.10	+26.3		-35.7	+46.0	-9.3	+7.67	+94.1	+16.4	+1	+24	+23	-	-	-
	1927	+55.6	+25.9					-3/11	+62.9			+55.2	+4.8	+10	+45	+22			
1	1910	+81.6	-22.2 +53.4	+20	-36.6	+76.6						-8.96	-56.6	+45	+16	+19			
1	1893	+42.3	+53.4	-13.4	+10.5	+98.2		+67.6		-10.6					-7	-18			
1	1871	-41.2	505	+399.6		+31.0		-77.8	+6200	-99.9	+65.4	+26.6	+714	-36	-1	-10	-	-	-
1	10/1	-71.6	-00.0	1 000.0	1.50		4		1	1								1	-
1			-	-						-		-							
	2006									70 "	0000	. 50.0	00.0	1.40	+49	+42	1		
1	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			-	-	-
1			-25.4	-1.7		+6.11	-0.4	-25.2		-55	+28.3		-16.7	+19	-10	+2	-		-
1	1967							-67.6		-59.9	+31.5		+2.8	+1	-5	-9			
1	1950	-51.7		-40.7	-33.7	-20.8	-9.4					-48.4	-32.1	+11	-11	-5		-	
-	1933	+87.3	-76.1	-52.5	+116	-18.9	-6.9		+80.3	-29.6	249.7					-18	1		
1	1911		+3.47	-22.9	-36.6	-26.4	-22.2	-28.4	-59.8	-62.5	+1.00	-22	-13.5	-20	-32		-	-	-
1						+15.3		+14.6	-78 6	-31.4	+3.0	-17.3	-0.06	+19	+11	-7			
1	1894		-45.4	-8.2				-58.5		-56.3	+15.9		+21.4	-39	-19	+21			
- 1	1877	-43.2	+5.41	-70	-75.6	-65.4	-53.4	-30.3	-40.0	-30.0	7 10.0	11.LU	1 2 1 1	-	-				
. 1									1			-		-	-		-		-
2	2007	-	-							1							-		_
1			000	~ ~	00.0	150	-54.4	+49.2	22	+6.1	+10	+32.3	-99.3	+11	+8	-2			
- 1	1990	+48.6	-29.3	-9.3	-39.0	-45.2					-40.0	+10.1	-31.5	+1	-8	-21			
	1973	+0.31	+0.5	-33.6	-9.41	-29.8	-48.7		+15.4	-19.9						+11		1	-
- 1	1951		-15.9	+3.1	-5.77	-7.8	+28.6	-405	-62.2	-26.4	-0.3	-33.6	-31.4	-10	-33	-	-	-	-
-						+27.0	+5.9	+0.3	-68.0	-18.8	+11.5	-62.4	-40.4	+5	-30	-1			
- 1	1934		+25.6	-					+52.1	+3.2	+11.3	+22.0	+30	+25	+17	+38			
	1917	+43.9	+36.3	+87.7	+7.94	-38.8	-38.4								+2	+19			
	1895	-17.5	-44.5	-21.4	-7.9	+27.6	-17.4	-15.4	-27.6	-4.8	-60.3	+41.5	+25.5	+43	TZ	T13		-	-
	-															6			-
	0000	-	+		-	-													
3	2008		-	-			44.0	-99.9	2017	-6.6	+2.48	-447	-37.1	+5	-25	+20			
	1980	+66.0	-17.6	+80	-34.3	-28.4	-11.6								-41	-39			
	1952	-50	+34	-37.8	-59.7	-45.3	-45.0	-60.4	-42.1	-51.0	-40.1	-63.6	-53.2	-30			-	-	-
			-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			_
							-29.3		3 -21.8	-25.3	+08.2	-31.2	-16.5	-24	-32	6			
	1924				-18.7	-38.8	-23.3	10.11	-21.0	20.0	1.00.0		1						
	1896	-34.0	-32.3	-22.8				-			-	-	_	-		-	-		-
			-32.3	-22.0											- The same of the			-	
1	1896		-32.3	-22.0	-			1						-		-	-		-
4	1896 2009	-34.0			126	-6.2	-53 6	+0.6	3 +30	-20.9	-52.1	-18.0	-60.6	-18	-21	-33			
4	1896 2009 1987	-34.0	-36.5	-53.8	-12.6	-6.2	-53.6								-21 +39	-33 -5	-		
o,	1896 2009 1987 1970	-34.0 -31.1 ?75.9	-36.5 -5.1	-53.8 +41.5	-39.9	-2.8	-39.7	+63.	4 +77.2	+9.0	+36.3	+83.0	+477.5	+25	+39	-5	-		
ą	1896 2009 1987	-34.0	-36.5 -5.1	-53.8			-39.7 -40.1	+63.4	4 +-77.2 -48.4	+9.0	+36.3	+83.0 +54.8	+477.5	+25	+39 +10	-5 -3			
1	2009 1987 1970 1953	-34.0 -31.1 ?75.9 -20.3	-36.5 -5.1 -26.5	-53.8 +41.5 +0.8	-39.9 -56.1	-2.8 +4.1	-39.7	+63. -35.7 +38.	4 +77.2 -48.4 0 -26.8	+9.0 -20.4 +39.2	+36.3 ?14.6 +14.3	+83.0 +54.8 -33.2	+477.5 -10.3 +12.8	+25 +25 +18	+39 +10 -11	-5 -3 -12			
4	2009 1987 1970 1953 1931	-34.0 -31.1 ?75.9 -20.3 +50	-36.5 -5.1 -26.5 -440	-53.8 +41.5 +0.8 +768.	-39.9 -56.1 9 +12.3	-2.8 +4.1 -2.70	-39.7 -40.1 -24.0	+63. -35.7 +38.	4 +77.2 -48.4 0 -26.8	+9.0	+36.3	+83.0 +54.8	+477.5 -10.3 +12.8	+25	+39 +10	-5 -3 -12 +18			
1	2009 1987 1970 1953 1931 1914	-34.0 -31.1 ?75.9 -20.3 +50 ?159.	-36.5 -5.1 -26.5 -440 0 -13.6	-53.8 +41.5 +0.8 +768.	-39.9 -56.1 9 +12.3 +11.6	-2.8 +4.1 -2.70 -23.1	-39.7 -40.1 -24.0 -19.7	+63.4 -35.7 +38.4 -6.43	4 +77.2 -48.4 0 -26.8 +42.1	+9.0 -20.4 +39.2 -31.3	+36.3 ?14.6 +14.3 +67.9	+83.0 +54.8 -33.2 +60.8	+477.5 -10.3 +12.8 +44	+25 +25 +18 +27	+39 +10 -11 +20	-5 -3 -12			
ı	2009 1987 1970 1953 1931 1914 1897	-34.0 -31.1 ?75.9 -20.3 +50	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6	-53.8 +41.5 +0.8 +768. -7.9 -57.2	-39.9 -56.1 9 +12.3	-2.8 +4.1 -2.70 -23.1 -9.47	-39.7 -40.1 -24.0 -19.7 -48.1	+63.4 -35.7 +38.4 -6.43	4 +77.2 -48.4 0 -26.8 +42.1 +32.1	+9.0 -20.4 +39.2 -31.3 -26.5	+36.3 ?14.6 +14.3	+83.0 +54.8 -33.2 +60.8 +12.8	+477.5 -10.3 +12.8 +44 +39.4	+25 +25 +18 +27	+39 +10 -11 +20 +35	-5 -3 -12 +18 -2			
1	2009 1987 1970 1953 1931 1914	-34.0 -31.1 ?75.9 -20.3 +50 ?159.	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6	-53.8 +41.5 +0.8 +768.	-39.9 -56.1 9 +12.3 +11.6	-2.8 +4.1 -2.70 -23.1	-39.7 -40.1 -24.0 -19.7	+63.4 -35.7 +38.4 -6.43	4 +77.2 -48.4 0 -26.8 +42.1	+9.0 -20.4 +39.2 -31.3 -26.5	+36.3 ?14.6 +14.3 +67.9	+83.0 +54.8 -33.2 +60.8	+477.5 -10.3 +12.8 +44 +39.4	+25 +25 +18 +27	+39 +10 -11 +20	-5 -3 -12 +18			
1	2009 1987 1970 1953 1931 1914 1897	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6	-53.8 +41.5 +0.8 +768. -7.9 -57.2	-39.9 -56.1 9 +12.3 +11.6	-2.8 +4.1 -2.70 -23.1 -9.47	-39.7 -40.1 -24.0 -19.7 -48.1	+63.4 -35.7 +38.4 -6.43	4 +77.2 -48.4 0 -26.8 +42.1 +32.1	+9.0 -20.4 +39.2 -31.3 -26.5	+36.3 ?14.6 +14.3 +67.9	+83.0 +54.8 -33.2 +60.8 +12.8	+477.5 -10.3 +12.8 +44 +39.4	+25 +25 +18 +27	+39 +10 -11 +20 +35	-5 -3 -12 +18 -2			
	2009 1987 1970 1953 1931 1914 1897 1875	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6	-53.8 +41.5 +0.8 +768. -7.9 -57.2	-39.9 -56.1 9 +12.3 +11.6	-2.8 +4.1 -2.70 -23.1 -9.47	-39.7 -40.1 -24.0 -19.7 -48.1	+63.4 -35.7 +38.4 -6.43	4 +77.2 -48.4 0 -26.8 +42.1 +32.1	+9.0 -20.4 +39.2 -31.3 -26.5	+36.3 ?14.6 +14.3 +67.9	+83.0 +54.8 -33.2 +60.8 +12.8	+477.5 -10.3 +12.8 +44 +39.4	+25 +25 +18 +27	+39 +10 -11 +20 +35	-5 -3 -12 +18 -2			
	2009 1987 1970 1953 1931 1914 1897 1875	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1	-39.9 -56.1 9 +12.3 +11.6 +47.5	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4	+63. -35.7 +38. -6.43 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8	+36.3 ?14.6 +14.3 +67.9 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1	+477.5 -10.3 +12.8 +44 +39.4 +25.5	+25 +25 +18 +27 -1 -29	+39 +10 -11 +20 +35 +25	-5 -3 -12 +18 -2 -7			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34 -	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1	-39.9 -56.1 9 +12.3 +11.6 +47.5	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4	+63. -35.7 +38. -6.43 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8	+36.3 ?14.6 +14.3 +67.9 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1	+477.5 -10.3 +12.8 +44 +39.4 +25.5	+25 +25 +18 +27 -1 -29	+39 +10 -11 +20 +35 +25	-5 -3 -12 +18 -2 -7			
	2009 1987 1970 1953 1931 1914 1897 1875	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4	+63 -35.7 +38 -6.43 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7	+477.5 -10.3 +12.8 +44 +39.4 +25.5	+25 +25 +18 +27 -1 -29 -17.5 -29	+39 +10 -11 +20 +35 +25 -12.8 -35	-5 -3 -12 +18 -2 -7 -6.3 -10			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971	-31.1 775.9 -20.3 +50 7159. -34 - -37.1 77.89	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1	-39.9 -56.1 9 +12.3 +11.6 +47.5	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24	+39 +10 -11 +20 +35 +25 -12.8 -35 -10	-5 -3 -12 +18 -2 -7 -6.3 -10 +19			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34 -37.1 ?7.89	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8	+63 -35.7 +38 -6.43 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24	+39 +10 -11 +20 +35 +25 -12.8 -35	-5 -3 -12 +18 -2 -7 -6.3 -10			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34 -37.1 ?7.89 -27.1 -50.8	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.8	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99.4	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2.	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.6	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99.4	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2	-53.8 +41.5 +0.8 +7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1	-27.9 -19.4 -40.2 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106.	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.6 -14.9 4 -8.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915 1898	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99.4	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2	-53.8 +41.5 +0.8 +7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1	-27.9 -19.4 -40.2 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106.	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.6	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21			
	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99.4	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1	-27.9 -19.4 -40.2 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106.	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.6 -14.9 4 -8.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3			
5	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915 1898 1881	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99.4	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2	-53.8 +41.5 +0.8 +7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1	-27.9 -19.4 -40.2 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106.	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.6 -14.9 4 -8.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3			
5	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915 1898 1881	-34.0 -31.1 775.9 -20.3 +50 7159. -34 -37.1 77.89 -27.1 -50.8 +99. -20 -18.9	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -40.2 -8.40 -34.6	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 739.9 +444.6 -14.9 4 -8.5 +10.4	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4			
5	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1915 1898 1881	-34.0 -31.1 775.9 -20.3 +50 7159. -34 -37.1 77.89 -27.1 -50.8 +99. -20 -18.9	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1	+63. -35.7 +38.1 -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 739.9 +444.6 -14.9 4-8.5 +10.4	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -12.8 -34.9 -34.9	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4			
5	2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1954 1937 1915 1898 1881 2011	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -34 -37.1 ?7.89 -27.1 -50.8 +99.4 -20 -18.9	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8 -56.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3	+63. -35.7 +38.4 -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 739.9 +444.6 -14.9 4 -8.5 +10.4	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +3 +5	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4			
5	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1955 1898 1881 2011 1994 1977	-34.0 -31.1 ?75.9 -20.3 +50 ?15934 -37.1 ?7.89 -27.1 -50.8 +9918.9 -29.0 ?0.93	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3	+63. -35.7 +38.1 -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 +444.5 -14.9 4-8.5 +10.4	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +3 +5	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1954 1937 1915 1898 1881 2011 1994 1997 1995	-34.0 -31.1 ?75.9 -20.3 +50 -34 -37.1 ?7.89 -27.1 -50.8 +99. -20 -18.9 -29.0 70.93 -49.8	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0 -40.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 0 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -78.3 -78.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -39.9 +444.5 -149.3 +10.4	5 +25 +25 +18 +27 -1 -29 -17.5 -29 -17.5 -29 +10 +18 -36 -23.5 6 -39 +35	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -21.4 -34 +3			
5	2009 1987 1970 1953 1931 1914 1897 1875 2010 1993 1971 1954 1937 1955 1898 1881 2011 1994 1977	-34.0 -31.1 ?75.9 -20.3 +50 -34 -37.1 ?7.89 -27.1 -50.8 +99. -20 -18.9 -29.0 70.93 -49.8	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 0 +41.2	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.1	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 +16.5 +25.	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2 877.7	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 ?39.9 +444.4 -14.9 4 -8.5 +10.4 -49.3 +446. +1.0 ?82.2	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -10 -11 +6 +3 +5 -34.9 -24 +20 -34.9	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -21.4 -34 -34 -34			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1954 1987 1994 1994 1977 1995 1998	-34.0 -31.1 ?75.9 -20.3 +50 ?159. -37.1 ?7.89 -27.1 -50.8 +99. -18.9 -20 -20, 93 -49.8 ?95.6	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0 -40 8 +39.5 -48.3 6 733.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +118.1 +5.3 0 +41.2 -55.7 6 -17.6 -37.6 -37.6 -37.6 +25	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2. +47.8 -56.7 -20.0 -42.6 -55.5 ?15.8	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3 -98.9 -67.6 +17.2 -34.1	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.1	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 +25. -47.2	4 +77.2 -48.4 0 -26.8 -26.8 -143.1 +50.6 +43.4 -25.4 -17.3 +63.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9 +45.7	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2 877.7	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 4-8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36 -23.5 6 -39 +35 +48 -1	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -5	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -3 -4 -34 +3 +13			
5	7896 2009 1987 1970 1953 1931 1875 2010 1993 1971 1954 1988 1881 2011 1994 1977 1955 1898 1818 2011 1994 1977 1958 1977 1978	-34.0 -31.1 -775.9 -20.3 -34 -37.1 -77.89 -27.1 -50.8 +99.1 -29.0 -29.0 -29.0 -29.0 -29.5 +44.4	-36.5 -5.1 -26.5 -40.0 -41.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0 -40.3 -	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2 -55.7 6 -17.6 -37.6 +25 -39.8	-39.9 -56.1 9 +112.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -715.8 -660	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3 -9.67.6 +17.2 -34.1 +75.5	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.1 +2	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 +25. -47.2	4 +77.2 -48.4 0 -26.8 -26.8 -143.1 +50.6 +43.4 -25.4 -17.3 +63.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9 +45.7	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2 877.7 -30.7	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9.37.2 +29.2 +39.8 +50.6	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 4-8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36	+39 +10 -11 +20 +35 +25 -10 -11 +6 +3 +5 -34.9 -24 +20 -34.9	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -21.4 -34 -34 -34			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1955 1898 1937 1915 1898 1937 1915 1898 1937 1955 1938 1938 1938 1939 1939 1939 1939 1939	-34.0 -31.1 -775.9 -27.1 -34 -77.8 -27.1 -77.89 -20 -18.9 -29.0 -29.0 -29.0 -29.0 -29.0 -49.8 -29.6 -49.8 -49.6 -4	-46.1 -31.3 -46.1 -31.3 -46.1 -31.3 -31.3 -37.2 +15.0 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2 -55.7 5 -17.6 -37.6 +25.3 -39.8 -25.7 -39.8 -3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -66.0 -74.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 -30.2 -78.3 -67.6 +17.2 -34.1 +75.5 -88.4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.4 -4.2 -36.4	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 +25. -47.2 -38.1	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9 +45.7 -37.7	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 -123 -37.2 +22.9 +3.2 .877.7 -30.7 -34.1	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8 +50.6	+83.0 +54.8 +33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 +444.3 -14.9 4 -8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5 -22.9	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36 -23.5 6 -39 +35 +35 -1 -1 -43	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -5 -36	-5 -3 -12 +18 -2 -7 -7 -10 +19 -28 +21 -3 +4 -34 +3 -45 -45 -32 -32			
5	7896 2009 1987 1970 1953 1931 1875 2010 1993 1971 1954 1988 1881 2011 1994 1977 1955 1898 1818 2011 1994 1977 1958 1977 1978	-34.0 -31.1 -775.9 -27.1 -34 -77.8 -27.1 -77.89 -20 -18.9 -29.0 -29.0 -29.0 -29.0 -29.0 -49.8 -29.6 -49.8 -49.6 -4	-46.1 -31.3 -46.1 -31.3 -46.1 -31.3 -31.3 -37.2 +15.0 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2 -55.7 5 -17.6 -37.6 +25.3 -39.8 -25.7 -39.8 -3	-39.9 -56.1 9 +112.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -715.8 -660	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3 -9.67.6 +17.2 -34.1 +75.5	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.4 -4.2 -36.4	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 +25. -47.2 -38.1	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9 +45.7 -37.7	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2 877.7 -30.7	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8 +50.6	+83.0 +54.8 +33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 4-8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36 -23.5 6 -39 +35 +35 -1 -1 -43	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -5	-5 -3 -12 +18 -2 -7 -7 -10 +19 -28 +21 -3 +4 -34 +3 -45 -45 -32 -32			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1955 1898 1937 1915 1898 1937 1915 1898 1937 1955 1938 1938 1938 1939 1939 1939 1939 1939	-34.0 -31.1 -775.9 -27.1 -34 -77.8 -27.1 -77.89 -20 -18.9 -29.0 -29.0 -29.0 -29.0 -29.0 -49.8 -29.6 -49.8 -49.6 -4	-36.5 -5.1 -26.5 -40.0 -41.6 +11.5 -46.1 -31.3 -54.6 +15.9 4 -39.0 -37.2 +15.0 -40.3 -	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2 -55.7 5 -17.6 -37.6 +25.3 -39.8 -25.7 -39.8 -3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -66.0 -74.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 -30.2 -78.3 -67.6 +17.2 -34.1 +75.5 -88.4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.4 -4.2 -36.4	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 +25. -47.2 -38.1	4 +77.2 -48.4 0 -26.8 +42.1 +32.1 +50.6 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 1 -10.8 -85.1 +94.7 8 +13.9 +45.7 -37.7	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 -123 -37.2 +22.9 +3.2 .877.7 -30.7 -34.1	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8 +50.6	+83.0 +54.8 +33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 +444.3 -14.9 4 -8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5 -22.9	5 +25 +25 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 +18 -36 -23.5 6 -39 +35 +35 -1 -1 -43	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -5 -36	-5 -3 -12 +18 -2 -7 -7 -10 +19 -28 +21 -3 +4 -34 +3 -45 -45 -32 -32			
5	7896 2009 1987 1970 1953 1991 1991 1875 2010 1993 1971 1954 1987 1915 1898 1881 2011 1994 1898 1898 1993 1993 1881	-34.0 -31.1 775.9 -20.3 +50 7159. -34 -77.8 +99. -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -18.9 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20	-46.1 -31.3 -46.1 -31.3 -46.1 -31.3 -31.3 -37.2 +15.0 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3 -37.2 -48.3	-53.8 +41.5 +0.8 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 -89.6 +18.1 +5.3 +41.2 -55.7 5 -17.6 -37.6 +25.3 -39.8 -25.7 -39.8 -3	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -66.0 -74.7	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 +19.3 -26.6 +93.4 -9.48 -30.2 -78.3 -67.6 +17.2 -34.1 +75.5 -88.4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.4 -4.2 -36.4	+63. -35.7 +38. +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 -23.6 -34.2 -34.8 -34.8	44 +77.2 -48.4 0 -26.8 +42.1 +50.6 -17.3 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 -49.2 -42.1 +75.1 -49.2 -42.3 -42.	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -26.6 -31.4 -123 -37.2 +22.9 +3.2 .877.7 -30.7 -34.1	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9-37.2 +29.2 +89.8 +50.6	+83.0 +54.8 +33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +58.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5	+477.5 -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -739.9 +444.3 -14.9 4 -8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5 -22.9	5 +25 +25 +28 +18 +27 -1 -29 -17.5 -29 +24 8 -18 -36 -23.5 6 -39 +35 -48 +48 +48 +49	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -36 +62	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -4 -34 +3 -45 -32 +40			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1954 1993 1881 2011 1994 1995 1937 1955 1938 1882 2012	-34.0 -31.1 -775.9 -20.3 +50 -715.9 -37.1 -37.1 -50.8 +99.1 -20 -18.9 -29.0 -99.0 -49.8 -95.6 +44.4 -17.2 +20.	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 +15.9 +15.9 -40 -43.3 -33.3 -33.3 -33.3 -33.3 -33.3 -33.3 -48.3 -48.5 -4	-53.8 +41.5 +788. -7.9 -57.2 -64.1 -58.6 -32.3 +41.2 -55.7 -58.6 -32.3 +41.2 -55.7 -32.8 +41.2 -	-39.9 -56.1 9 +12.3 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -715.8 -660 -74.7 -23.5	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 -26.6 +33.4 -9.48 +58.2 -30.2 -78.3 -9.8.9 -67.6 +17.2 -34.1 +75.5 -88.4 +5.41	-39.7 -40.1 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -36.9 -39.2 -68.4 -32.6	+63. -35.7 +38. +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.2 +6.7 -58.4 -16.5 -23.6 -34.2 -34.8 -34.8	44 +77.2 -48.4 0 -26.8 +42.1 +50.6 -17.3 +43.4 -25.4 -17.3 +63.1 -49.2 -42.1 +75.1 -49.2 -42.1 +75.1 -49.2 -42.3 -42.	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -40.1 -24.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 +3.2 -30.7 -30	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9 37.2 +29.2 +89.8 +50.6 -10 +148.9	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 -46.7 -52.8 +86.7 +81.3 +106. +12 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5 0 1+16	+477.! -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -39.9 +444.4 -14.9 4 -8.5 +10.4 -49.3 +446. +1.0 -782.2 +2.5 +31.9	5 +25 +25 +18 +18 -27 -1 -29 -17.5 -29 +24 8 -18 -36 -23.5 6 -39 +35 -48 +48 +48 +49	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -34.9 -24 +20 +58 -36 +62	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -4 -34 +3 -45 -32 +40			
5	7 1996 1987 1970 1987 1970 1953 1931 1914 1954 1957 1957 1958 1977 1958 1988 1971 1994 1977 1958 1988 1988 1988 1988 1988 1898	-34.0 -31.1 775.9 -20.3 +50 715.9 -34 -37.1 77.89 -99.0 -20.0 -39.0 -18.9 -29.0 -29.0 -39.5 -49.8 -44.4 -17.2 -20.3 -34.5	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 4 -39.0 -37.2 +15.0 -48.3 -2.1 -48.3 -2.1 -48.3 -2.1 -48.3 -2.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4	-53.8 +41.5 +0.8 +768.1 -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 +18.1 +5.3 +41.2 -37.4 -24 -37.8 -37.8 -37.8 -37.8 -37.8 -37.8 -37.8	-39.9 -56.1 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -6.9 -74.7 -23.5 +0.50 +0.50 +0.50 -74.7 -23.5 +0.50 +0.	-2.8 +4.1 -2.70 -2.31 -9.47 -89.5 -19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3 -26.6 +33.4 -9.48 +58.2 -30.2 -30.2 -47.6 -4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -68.4 -32.6 -68.4 -32.6	+63.35.7 +38.4-6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.4 -40.2 -34.6	4 + 477.2 - 48.4 0 - 26.8 + 42.1 + 50.6 - 25.4 - 47.3 + 43.4 - 49.2 - 42.1 + 75.1 1 - 10.8 - 85.1 - 10.8 - 85.1 - 84.1 - 75.1 - 84.1 - 75.1 - 75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -24.6 -26.6 -26.6 -31.4 -51.4 -123 -37.2 +22.9 +32.2 -37.7 -34.1 1 +50.6	+36.3 ?14.6 +14.3 +67.9 +42.4 -2.40 -14.3 ?78.9 +11.3 -12.6 +42.4 +41.0 -71.7 .9.37.2 +29.2 +89.8 +50.6 -10 +148.6	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +58.1 +58.1 +58.3 +106. +12 -71.3 +39.9 +43.5 +43.5 +43.5 +43.5 +43.6 +4	+477.! -10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -39.9 +44414.9 4-8.5 +10.4 -49.3 +446. +1.0 782.2 +2.5 -22.9 +31.9	5 +25 +25 +18 +27 -1 -29 -17.5 -29 -17.5 -29 +148 +10 +18 -36 -23.5 6 -39 +35 +48 -1 -43 +49	+39 +10 -11 +20 +35 +25 -12.8 -35 -10 -11 +6 +3 +5 -24 +20 +58 -5 -36 +62	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +4 -21.4 -3 +4 -21.4 -3 -45 +40			
5	7896 2009 1987 1970 1953 1931 1914 1897 2010 1993 1971 1954 1993 1881 2011 1994 1995 1937 1955 1938 1882 2012	-34.0 -31.1 775.9 -20.3 +50 715.9 -34 -37.1 77.89 -99.0 -20.0 -39.0 -18.9 -29.0 -29.0 -39.5 -49.8 -44.4 -17.2 -20.3 -34.5	-36.5 -5.1 -26.5 -440 0 -13.6 -42.6 +11.5 -46.1 -31.3 -54.6 4 -39.0 -37.2 +15.0 -48.3 -2.1 -48.3 -2.1 -48.3 -2.1 -48.3 -2.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4	-53.8 +41.5 +0.8 +768.1 -7.9 -57.2 -64.1 -58.6 -32.3 -9.4 +18.1 +5.3 +41.2 -37.4 -24 -37.8 -37.8 -37.8 -37.8 -37.8 -37.8 -37.8	-39.9 -56.1 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -6.9 -74.7 -23.5 +0.50 +0.50 +0.50 -74.7 -23.5 +0.50 +0.	-2.8 +4.1 -2.70 -23.1 -9.47 -89.5 -26.6 +33.4 -9.48 +58.2 -30.2 -78.3 -9.8.9 -67.6 +17.2 -34.1 +75.5 -88.4 +5.41	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -68.4 -32.6 -68.4 -32.6	+63. -35.7 -34.6 -27.9 -19.4 -40.2 -43.5 -34.6 -34	4 + 477.2 - 48.4 0 - 26.8 + 42.1 + 50.6 + 43.4 - 25.4 - 17.3 - 49.2 - 42.1 + 75.1 1 - 10.8 - 85.1 + 94.7 - 37.7 - 37.7	+9.0 20.4 +39.2 -31.3 26.5 -22.8 -40.1 -24.6 -26.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 -37.7 -34.1 1 +50.6 -71.6 -14.3	+36.3 714.6 +14.3 +67.9 +42.4 -14.3 778.9 -12.6 +42.4 +41.0 -71.7 -9-37.2 +29.2 +29.2 +39.8 +10.4 +14.8	+83.0 +54.8 -33.2 +60.8 +12.8 +58.1 +9.9 +66.7 +52.8 +86.7 +58.3 +112 -71.3 +39.9 +10.6 +81.7 -23.2 +43.5 0 +16	+477.4 +10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 239.9 4-8.5 +10.4 -14.9 4-8.5 +10.4 -14.9 -14.9 -14.9 -14.0	5 +25 +25 +25 +27 -1 -29 -17.5 -29 +24 3 -18 3 -18 -36 -23.5 6 -39 +35 6 -39 +35 -1 -43 +48 -1 -43 +49 -20 +24	+39 +10 -11 +20 +35 +25 -12,8 -35 -10 +6 +3 +5 -34,9 -24 +20 +58 -5 -36 +62	-5-3 -3-12 +18-2 -7-7 -6.3 -10 +19-28 +21-3 +4-4 -21.4 -34 +3 +43 -32 +40			
5	7896 2009 1987 1970 1987 1971 1914 1897 1897 1915 1994 1993 1915 1898 1881 2011 1994 1997 1958 1898 1917 1898 1897 1898 1897 1898 1897 1898	-34.0 -31.1 -775.9 -20.3 +50 -7159 -34 -37.1 -50.8 -27.1 -50.8 -29.0 -18.9 -29.0 -18.9 -29.0 -18.9 -74.9 -74.8 -74.9 -74.8 -74.9	-36.5 -5.1 -26.5 -440 0 -13.6 +11.5 -42.6 +12.6	-53.8 + 41.5 + 0.8 + 17	-39.9 -56.1 +11.6 +47.5 -17.1 -61.3 -30.0 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -74.7 -23.5 +0.59 -860 -74.7 -23.5	-2.8 +4.1. -2.70 -23.1 -9.47 -89.5 -26.6 +33.4 +58.2 -30.2 -78.3 -9.89 -9.89 -9.89 -4.75 -5.88.4 +5.41 +49.4 +49.4 +49.4 +49.4	-39.7 -40.1 -24.0 -19.7 -48.1 -47.4 -36.9 -57.4 -4.8 -35.2 -24.4 -18.1 -73.3 -9.7 -49.6 -39.2 -32.6 -3	+63. -35.7 +38. -6.43 -34.6 -27.9 -19.4 -40.2 -43.5 -8.40 -34.6 -34.	4 + 477.2 - 48.4 0 - 26.8 + 42.1 + 50.6 - 25.4 - 47.3 + 43.4 - 49.2 - 42.1 + 75.1 1 - 10.8 - 85.1 - 10.8 - 85.1 - 84.1 - 75.1 - 84.1 - 75.1 - 75.1	+9.0 -20.4 +39.2 -31.3 -26.5 -22.8 -24.6 -26.6 -26.6 -31.4 -51.4 -123 -37.2 +22.9 +32.2 -37.7 -34.1 1 +50.6	+36.3 714.6 +14.3 +67.9 +42.4 -2.40 -14.3 778.9 +11.3 -71.7 9.37.2 +89.8 +50.6 +142.4 +41.0 +148.1 +50.6 +50.9 +50	+83.0 +54.8 +54.8 +54.8 +54.8 +54.8 +58.1	+477.4 +10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 -1.8 +5.1 -1.9 +444. -14.9 4-9.5 +10.4 -49.3 +446. +10.4 -37.8 +49.3 +	5 +25 +25 +28 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 -36 -23.5 6 -39 +35 -44 +48 +48 +49 -20 +24 +49	+39 +10 -11 +20 +35 +25 -10 -11 +6 +3 +3 -34 -9 -34 -9 -34 -9 -36 +62 -36 +62	-5 -3 -12 +18 -2 -7 -6.3 -10 +19 -28 +21 -3 +4 -2 -3 +4 -2 -3 +4 -4 -2 -4 -4 -2 -4 -4 -2 -2 -4 -2 -2 -4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2			
5	7 1996 1987 1970 1987 1970 1953 1931 1914 1954 1957 1957 1958 1977 1958 1988 1971 1994 1977 1958 1988 1988 1988 1988 1988 1898	-34.0 -31.1 -775.9 -20.3 +50 -715.9 -34 -37.1 -50.8 -99.0 -18.9 -29.0 -49.8 -29.0 -49.8 -37.1 -20.3 -37.1 -20.3 -37.1 -20.3 -34 -37.1	-36.5 -5.1 -26.5 -440 0 -13.6 +11.5 -42.6 +12.6	-53.8 +41.5 +768. -7.9 -57.2 -64.1 -58.6 -32.3 -89.4 -89.6 +18.1 +41.2 -55.7 -55.7 -37.6 +22.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 -37.6 +23.3 +33.3 +	-39.9 -56.1 +11.6 +47.5 -17.1 -61.3 -30.0 +10.9 -15.2 +47.8 -56.7 -20.0 -42.6 -55.5 -74.7 -23.5 +0.5 -74.7 -23.5 -74.7 -74	-2.8 +4.1 -2.70 -2.31 -9.47 -89.5 -19.3 -26.6 +93.4 -9.48 +58.2 -30.2 -78.3 -26.6 +33.4 -9.48 +58.2 -30.2 -30.2 -47.6 -4	-39.7 (-40.1) (-47.4)	+63.3-35.7-35.8-3-35.8-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3	4 + 477.2 - 48.4 0 - 26.8 + 42.1 + 50.6 + 43.4 - 25.4 - 17.3 - 49.2 - 42.1 + 75.1 1 - 10.8 - 85.1 + 94.7 - 37.7 - 37.7	+9.0 20.4 +39.2 -31.3 26.5 -22.8 -40.1 -24.6 -26.6 -26.6 -31.4 +24.4 -51.4 -123 -37.2 +22.9 -37.7 -34.1 1 +50.6 -71.6 -14.3	+36.3 714.6 +14.3 +67.9 +42.4 -2.40 -14.3 778.9 +11.3 -71.7 9.37.2 +89.8 +50.6 +142.4 +41.0 +148.1 +50.6 +50.9 +50	+83.0 +54.8 +54.8 +54.8 +54.8 +54.8 +58.1	+477.4 +10.3 +12.8 +44 +39.4 +25.5 -1.8 +5.1 239.9 4-8.5 +10.4 -14.9 4-8.5 +10.4 -14.9 -14.9 -14.9 -14.0	5 +25 +25 +28 +18 +27 -1 -29 -17.5 -29 +24 8 -18 +10 -36 -23.5 6 -39 +35 -44 +48 +48 +49 -20 +24 +49	+39 +10 -11 +20 +35 +25 -12,8 -35 -10 +6 +3 +5 -34,9 -24 +20 +58 -5 -36 +62	-5-3 -3-12 +18-2 -7-7 -6.3 -10 +19-28 +21-3 +4-4 -21.4 -34 +3 +43 -32 +40			

			June		July			August			SEPTEMBER	1		OVER	ALL SEAS	ON	REMARKS
8	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		+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	
9	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		-28.5	+149	+31.6	+7.2	+21	+11	+10	
	1958	-60.6	-19.5	-42.3	-10.1	-16.7	+22.7	-32.0		-15.9	+13.0	-10.4	-12.7	+41	+8	+10	
	1941	+18.0		+82.5		+578	-70.2	-33.4		?269	+37.2	+53.6	+1.2	-32	+8	-5	
	1919		+6.66		-41.1	+57.3	-19.7	-55.7		-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	-	-14.1	+11.8	-31.5	-47.8		-67.3	+38.5	-25.4	+5.5	-18	-18	-10	
				1	1	11110	01.0	71.0	71.0	07.0	1	20.1.	10.0	-10	-10	-10	
0	2015										1						
	1998	?1.32	-529	-34.5	-21.5	-58.6	29.8	+15.4	+20.2	±51	+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		-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		-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	-	-0.54	-18.4	+386	-2	-14	+4	
	1903	-25.7	-680	+22.6	+54.0	-46.8	+10.2	+34.8	+30.3		+5304	+72	+7.0	+45	+39	+37	
	1886	+60.9	+3.88	+25.1	+26.6	+69.4	-4.2	+40.6	+40.1		-39.9	+9.04	-99.3	+24	+21	+38	
	2016	1			1	1		. 10.0	0,1			1.0.01	00.0	TZ4	121	100	
21	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		+67.3	-32.8	215.4	+14.3	+32.3	-	+0.5	+6.1	+61.3	+14.8	-27.2	+3	+20	+9	
	1932	+13.2		-13.1	73.97	-24.1	-13.7			-36.2	+52.6	-20.32	-32.4	+1	-10	-18	
	1904		-33.4	-42.5	-4.6	=22.1	-51.4	-69		-	+36.9	-39.6	-41.5	-24	-55	-30	
	1876		-20.8		-34.7	73.6	-52.1	-31.8			-40.6	-71.1	-50.4	-38	-53	-19	

5

		_	S SUB WES					-	-	-	4.	40 - 7
	500	Feb	May	Agr	May	Jone	July	Avg	Sep	Det	Nev	De C
2012						. 0.00.00.	22.55555		DE RESIDE	A SE TOWNS OF	THE CHARGE	and temple
1984	76.1653	-SE-7567E		-2.57752	34,01634	10.93183			80.59072			-55.2002
1956	-52,84974	-95,94595		-19.41581	60.91998	42.23477	-26,49962	-7.877369	-5.18EDED	64,69077	48,0006	-59,803
1928	3005181	-54.05405	AND DESCRIPTION OF THE PERSON	-3L01375	-19,94588	-0.70593	0.481648		15.52276	110.116	-54.E0226	-10
1900	35.23316	-38.51151	-53.60906	-60.30928	-0.388548	-1.129488	3,139013		19.15802	-89.94845	-100	-88,235
1872	-12.95337	-67.56757	-22.10623	-3.7ED069	-33,08853	13,6781	-19.00338	4.258037	20.22575	30.54134	-94 E/006	-10
1930	43.00518	-48,31081	0.732601	-54.9468	-40.74217	-11.96047	-40,70065	0.851607	12.50763	-10/05055	139.548	-35-490
2013												
1991	-0.518135	-75.33784	-22.34432	-62.18213	-22,89525	39,88705	-9.981731	-5.130935	142,4344	65,72165	-100	145.09
1974	7,772025	-100	-21.24542	43.5567	-10.16873	-26,5833	34.4756	40.02167	36.57718	20.03866	93.22034	-50,990
1952	414,5078	-64.52703	-67,94872	94.07216	-71.55006	-20.06858	-6.105034	15,60571	-62.17206	-70.36082	-98.87005	-92.156
1935	-45,07772	-11.48649		43.24742	-6.068806	26,66398	-35,79314	68.06477	40.33923	-88.40006	-86,44058	-80,392
1918	-95,85492	95,60811		13.48797	7.770963	43.24134			-11.01281	-75,83763		-97,058
1901	46,63212	-47.63514		-71,64948	-29.14573	A STATE OF THE PARTY OF THE PAR	-9.566517		-31.94021	-71.19845	0	54,90
1879		-51,68919			38.42288	15,63917	20.99019		51.90583	60,60688	-100	85,234
TOCS	-51.13173	21.00013	200	34.50409	30.464.00	3.5.93932	111.000110	2001447	33.70.213	THE POPULAR	1000	1000101
2014			20.00000	No. of Street,		*******	27 2020	******				200 500
1997	49,2228		-41.94139			-	-21.3918			-84.14948	-51,9774	
1975	-87/04663	-81.08108			-19.94588		23.46786		50.12203	-20 D0866	-100	-502,056
1958	-31.08808	-59,45946	-68.56777	-11.51203	-26.36258	12,28318	-29.24763		6.61989	-18.10567	-96.61017	-40.396
1941	-78.75648	-80.06757	-80.76923		42,1724	-17.95079	-31,79488	15,49925	35,00155	7.023196		-94.117
1919	11.19896	-66.89189	-89,92674	-44.58763	-94.68496	11.81928	4,334828	-31,97786	32,33679	-26.35309	- NE. SEE 345-345	-30
1902	-98.96373	-100	41,02564	-27,4055	8.078856	0.68576	4,833084	4,683843	173,4899	-33,76289	-89.83051	-10
1885	-38,8601	-99.32432	-11.35531	41.1512	-35,40781	6.832434	32.287	-13/64703	60.61623	-53.99485	-99,43503	450,0000
2015												-
1998	-81,88578	-61.14865	30.95238	-14,5185	-34.09354	13,95724	26,67331	54,71578	22,20855	29.57474	-57,62712	-10
1981	50.75507	63.51351	-55,85081	60/4811	-14.37959		31.37353		3.203173	90.97938	-84,74576	160.784
1999	338.1637	-03.51852		-25.11684	47,77725		-18.8675		-17.3856	122.4227	-100	-10
1942	71,50755				-13.07667	4,55825	-42.10264		50,03051	44.75	-98,30508	-10
1925	-56,63115				-23.34751		-21.9329		78.52007	-37.3007	33,89833	-10
1903	-74,6114	-60.81081		43,04124	-38.30692	B.208955	-33,14815		22,05613	-12.62887	-300	-10
1886	-96,89119	-66 E91E9		-75,68729	-24 D4329	-16.96348	-0.149477		111.989	-48 904G4	-17/40111	-95.00
marit e												
2016 1938	-8D.52900	45.20027	-18.27810	-26.54633	-36.10359	-30.85478	27.23583	05,211	51.34228	-75.1933	-22,0339	-78.431
1966	104.6632	-88.17568	-99.7574	-23.3622	-22.26517	-35,97374	22.43813	46.58293	-7.657108	-65.27062	-36.15819	-60,784
1932	-94.30067	-77,7027		-40,37800	-21.41477	20,7743	-44.57721	23,73017	21,96461	-26.48196	598,3051	289,215
1904	-80.82500	20.60811	-59,08415		22.65172	THE PERSON	-20.86371	4.345778	-28.46748	14.69072	-55,9322	-98,639
1876	-80.67507	-100		-46.13402	-25.47252	38.96733	-20.0299		-2.501525	2.770619	-99,43503	-71.568
2017												-
	200.00000	NA PARKET	27, 24,427	F3.3355	LE SAME	20 2222	N. 2000	10.7507	448.455	PA-21	2000 - 200	
1995	-68.91190	THE RESIDENCE AND ADDRESS.	The state of the s	-62,28522		35,43768	The second second		119.1885	-44.20103		-10.784
1978	-76,683.64		-76.72527	The second second		18 1000 10 10 10 10		201000000000000000000000000000000000000		69.71649	40000000000	-80,350
1953	Control of the Contro	The second second second	-39,19414						the same of the same of			
1939	The second second second	-38.51351	ACCOUNT OF THE PARTY OF					-1.958697				
1922	THE RESIDENCE OF THE PARTY OF T	-93.91892		-58,16353			the contract of the contract of					-
1905	NAME AND ADDRESS OF THE OWNER, WHEN PERSONS NAMED AND ADDRESS OF T	3.432432	-05.9707	-24.39863 -35.99656	and the second second		808,5036 -29,74589					-28.431 23.5394
	23.34.00	40.0000	220000	20000	5-1-20123	24.71.710	23,0000	21.1221	24.00000	20201121	-100	4-4-70-79
2018		.83 e1000	00 37000	430000	93 22452	0.424047	33.000-0	100000		484 355	00 0000	44.0
		-	-65,75082	THE RESERVE AND ADDRESS OF THE PARTY OF THE		-					-	
	-66.32124						11,22737			133,6985		
1962			The second second second second	-43,47079			-23.33499				-	
1945					THE RESERVE AND ADDRESS OF THE PARTY OF THE		-15.32968			53.54381		
	-100	1.351353	-90.84249	-3.350515	15.07538	4.356595	18,99034		72.11714			-
1923												
1923	-47,66839	88,85135	-96,77696	-96.56357	-24,1206	-10.04437	13,75183	75.0479	-36,51617	5.927835	-54.23729	-96.078

2009	Tan	Feb	Hay	Apx	May	JUM.	July	A398	Sep	Oct	NOW	De C
3000	-16 SSOTT	42,97297	-23.26007	61,51203	-52,02938	-27,65228	43,61402		1.433801	54.25258	-35,70823	-31.5688
1985	45.85492	-47.2973	-73.80952	-75,7732	8.078856	7.055637	50.14117	-37,49202	25.13728	23.38918	-300	58,00522
1963	49.63731	-99.66716	-30.56238	-76,54630				55.18416	8.694376	-24 A201		
1946	-100	-51,01351	54.8519	28,00279	-21.22349	-12.53521	4.384554	20.73664	27.57779	The second second	ALC: NO.	-10
-	143.0052	86.48649	22.16112	-26.54639	-13.79776	-1.040002		-25.91016	13,27029			-0.56003
1909			22.89327	1.000928	-38.88634	-23.94433	30.28258	-24.99468	68,30384			48.627
1907	-95,85492	-25,33784						-	51.37279		-	-10
1890	-34.6134	99,32432	96,88645	-7.130584	-38.51EE5	54.03388	28.98525	49,4571	-1/1/03295	-06.77835	-100	-26-470
1873	-84.97409	94.59459	-62,82053	7.47M227	-76.65240	13.55385	-37.10347	-25,0615	-D4.05250	20071500	1131	787110
2020												
1997	-79.27461	-11.89189	-54.13519	55.58419	-32.89525	48.85034	5,497426	-10.79987	11.10/33	-31.4433	-87.57062	-18,627
1964	-100	90.87838	-39.30403	-15.03436	-37.90037	5,728116	57,86414	-2.746434	67.99874	-30.41237	-50.39548	- 36
1936	-91.19171	-59.12162	-25.45788	-30.75801	3.13104	3,670835	-0.763993	-1.935317	47.66015	-23.00058	-500,740011	-20,588
1906	-34.71503	6.418919	-73.26007	-86.85567	11.95439	-23,61839	-37.20312	-47.98808	30.9335	-29.89691	-100	-10
1880		63,85115	44.505/49	-14,17526	-17.62659	51.06898	-17.49557	8.707686	-49.87797	16.81701	-92,65537	58.8735
								17000				
1999	-100	.550	-92.67399	-15.46392	42.9455	-16.45825	18.31922	65,85054	2.71507	44.20103	-90.35548	-83.333
1982	-100	-72,63534	100000000000000000000000000000000000000	-7.130584	The second second second second	-24.56636	23.18552		-6.28432	-65.831.44		
		46.62362	-18.68137	-59.45017	-25.55083	-7.885244	15,9904	58.22966	-21.87309		123.1638	-
1965	100	15.54054		48.88316	100000000000000000000000000000000000000	46.63171	-16,7711	8.303172		-78,28608	-95.48003	
1943						49.116579	Acceptable by the control of	man from the first section	resolution to telescope		-97.74011	8.8735
190%		-96,62362	35,44689	-74.91409	12-2-2-12-20-20-20-20-20-20-20-20-20-20-20-20-20		49,809	-18.20311	and decreases a second of the	-85,72165	THE RESERVE AND PERSONS ASSESSED.	-
1909		48,98649	-100	16,06529		THE RESERVE OF THE PERSON NAMED IN	-31.20244	9.750005	-13.93050	13.2732	-100	-
1987 1870	88,60104	-08.04054	-15,01832	-39,86054	-31,34905	5.768/55	27,22139	94.69874	40,20044	-2.963918	-65.53672	-71.568
												_
2022		221 42 12 2 12	0.000000		DO 387.47	37 707 07	5.000000	17.500	200 0000	43.29897	-77.9661	10
2005			9.340659	-5.498282		25,69585	-2.673574	15.627	30,0183		an anni se de la	-10
1983		87.5		63.57388			24.41315		57.56559	-39/49742	-100	113.764
1960	100	84,7973		96,30584		45,19991	0.896861		109.1824	-43,62313	-100	-10
1949	-79.27461	22.1973		102.1478		0.262203	6.875534		2.28798	26,67526	, 100	48.23
1927	-16,05218	-3,378378		33.59107	17.20139	18.59621	-18.33587	155,73409	77,35475	-51,48156		-98.039
1910	-96,89339	-49,58849	24.54212	-69.93127	-20.13916	46,47035	33,23368	8.409523	19.58511	4,445876	-43.50282	-10
1893	41.45008	34,7973	-79,48718	27.66321	-41.70654	-6.918112	17,73752	3.619331	69,89018	-18.87887	-71.18644	-10
1871	1390	-76,68919	28.02198	-37.80069	46,23116	-26,96652	3,583444	-11.75218	33,70958	55.99227	-72.31638	-10
2023												
2006	-58,4456	79.72973	-77,05568	44.3299	-3.865481	21,48044	8.551396	37.64105	40.51251	32,0232	39.54802	1.96078
1989	52,84934	-30.40641	-71.97802	-90.1293747	21.76015	4.720099	9,516692	-34,0640	119,5707	-53,57733	24.29379	25,7690
1967	-92.22218	-100	-	-52.76914		11.77894	6.0857	STREET, SQUARE, SQUARE,	11.37889	-1.030928		-10
1950	-96,89139	-31,75676	THE RESERVE OF THE PARTY.	-70.01718	more comments and the	THE RESERVE AND ADDRESS.	-7/452233		31.63514	-36.21134	282225	44.115
1900	1.554404	-81.41892		-4.123711	-32.04484	16.11537		A STATE OF THE OWNER, WHEN	-15.43624	-5.853402		-94,117
1911	-0.514115	-93.91892	The second section is		The same of the sa	18,49536		-55,49989	50,03051	72,22938		-10
1984	-0.518135	-48L31001	2.2 2.2 2.3	19.93122								-
1877	THE RESERVE AND ADDRESS OF THE PARTY OF THE	TO SHARE THE RESIDENCE	-56.95977	and the state of the state of the	and the second second second	-4.659132 -40.35902	THE RESIDENCE OF THE PARTY OF T	-90.36364	83.3435 95.82062	59.47165 -75.1866	the state of the s	-99.803 -33.333
2024	The second second second			Equipment :		AR MARKS	24.45					
1996		-62.5		-57.56014	Access to the second second	-45.30052		15.05216	11.56193		-99,A3503	
1968		-90.87838		-81,78094		6.192013		4.683841	9.304454		41.22034	
-	-93,78238	-98.31081				47.31747		-21.16244	38.5601		-68.92855	-92.156
1917		-64.18919 -52.36486		-27.31959	A CONTRACTOR OF THE PARTY	6.232352	11.94154		-6.28432 -60.03661	-16.49485 26.67526		-57,058
1001	SOM NAME	30,204,60	-30	27 (31,533	10.30431	60036338	33,760,16	10201.000	-00.00001	8.00.04.04.0	-100	34.1.1
2025		122210	10.000	33 2000	Na man	48-20-00	40.00-0-	37.000.00	7 2000	10.35.4	70 0000	36.45
CONTRACTOR OF STREET	-54,40415		-18,13187	-				-26,29338	7.260525			
1985				-33.76289		-8.793868		4,896743	51.22026			0.980
1,949			-25.82418				-8.453745	-7.792208	25,60538	-68,1701	39.59802	- 50
1947						47.31747	5,798123	-21.16244	38,5601	-8.311856	-68,92655	-50.156
1930	-43,00518	~48.31081	0.732601	-58,8488	~40.34217	-11.99047	-42,70066	0.851607	12.50763	-10.05155	139,548	95,490
	-99.48187	5,743243	-23,62637	43.93471	12.13761	55,40541	9.566517	-177/13666	35,42965	-1.546390	-53.10734	375,799
1933	2027-004-005											
1913		18.24324	31.86813	-63,31615	17.12408	48.05374	-13.38648	48.52033	43.92923	-77.64175	-90.96045	-31

Tab W. B

2025 2009	Joo.	Feb	Hox	Apr	Hay	June	July	Aug	Sap	Oct.	Nov	Dec_
1987	-883 E01D4	23.04057	-15.01832	-39095254	-31.34905	5,768455	27,72139	94,69834	49.20744	-2.963918	-65-53672	-71.5686
1970	-23.31606		-95,05405	16,9244	-54.96714	0.584913		-19.84245		-68.81443	-81,9209	-100
1953	9.84456	49.86486	-13/91041	-54.573371	-20.1391.0	-18.75756	17,77,988	-48,77581	36.15009	-45.19845	-97,17514	-94.1176
1931	-100	-73.64865	45.6044	-30.86754	-1.247004	-5.063525	18,780	-15.88348		35.95361	-37.85311	-85.2941
1914	9430052	94,25676	-80.58608	43.12715	-32.12215	-36.50666	-34.52915	54.56674	-14.36852	46,79124	-11.86441	-911176
		84,45946	2.014652	-71.04811	-15.11403	-11.07785	-16.17671	-5.216096	45,54606		-66,10169	-97.0588
1850					-18.70891	9.900187	-23.56753	19.54439		46.71392	-100	47.3525
1875	15,02591	84,7973	54.94505	-30.15460	16.04831	4-5020101	- 2 at 150 kmg	Laurence	-01/00/00/00/00	-30011331	100	01:000
1007												
2010				AN ADVAN	V 10/10/10	55.5.55	A 21.0355	A SAMESTA	33 54999	15 01110	12.100000	25 2022
1993	-8.290155	-		23.39725		-20.31061	8,619831	Control and Mariner Services	11.04302	12,82216		The second district of the least
1971	-46.63212		48.35165	45.30584	34,05489		-13,51935		-8.724832	134.4007	57.06215	-100
1954	-50.75907		494,50549	-72.85223	4.445303	46.8334		-35,42687	-3L90071	-65,72165	-100	-500
1937	-300	96.67162	49,45055	-55,49435	-2.01005	42,47680	-24.66368	29,31659	20.9579	98,39588	11.29944	
1915	-90.62358	68.91892	14.28571	45.89347	7.576343	-36,42598	-21,65075	21.39664	-20.16473	-31,37887	-5.649718	-87.2541
1898	-50.25907	45.27027	-94.50549	41/49485	-27.21299	5,627786	-15.663	-33,34043	121,6901	-66.04381	-68.92655	-80.1572
1883	-100	94.25676	42,85714	-73.79775	-1.7781.21	-0.133500	-50.67265	-21.3334E	117,0226	-12.63887	-43,90282	-98,0390
2028									-			
2000	77,72021	-34,7923	-56.5934L	2.061856	35.77106	23.27551	3.620963	-2.554822	32.11679	44.88402	119.779	-10
1977		-33.10813	-71.42857	48.02405	-26.13065	-25.63534	11,24398	47.9455	31.11653	-63,3067	-96.37768	-10
1944	6.832298	5.102041	-20.76923	-104.2934		-190,7946	-132,2009			Carlotte Committee Committ		-
1916		-43,58008	-97.98535	52.31969	-6.030151		43,36489	-	78,27944	42.13938		+
1888		-76,15135	-13.55311	3.8888979		-18.85841	4,417871			-81.8299		
1000	-4DOLARLE	-36.13130	-E1203EE	3.000013	-40001000	-10.03041	40437503	9.540043	-1003 [133]	60,600	11234	10.414
2007	-97.92746	42,22973	-68.A9317	-31.09966	-36,14775	-	-5,4476	Access to the same of	34.13667	ALCOHOLD TO THE	The second second	-
1990	-48,4456	44,25576	9.340659	-26.11684	19,94588	-7.70472	-B/451245	1.B73536			100	
1903	48,63212	-55.06757	-81,50183	-31.27148	-14.26363	12.78741	-46.55373	3.572525	46,75683	80.8634		
1951	491,26425	-06.28378	-58,42491	-58.33333	-26,90175	6.676079	6.543763	-15.20375	-19.46309	45.03866	45,76271	-10
1934	1.626943	125,6757	-99.2674	-4.123711	-32,04484	16.11537	-0.597907	-5.706408	-15.43609	-5.863402	40.22599	-94.117
1917	-100	-50.67568	-73.26007	-85.16838	-24,8937	23.03348	1.644345	-21.03593	59.09091	146,8428	-96,61017	1.0
1885	-90.67358	-91.55406	-83.88278	8.934708	9.663703	-49.15288	39.74423	17.20247	-17.44566	-85,18041	-55.36723	10
1878	-33.67876		-65,75092	-18.29897	-16.46605	17.45462	23,30047	4.151586	94.38682	-79.25258	-19.20904	-10
2011		-										
1994	28.49341	-36 16 176	-43,77288	-19.24399	-26,63317	-18,49939	AC ESCOP	-13.34895	-16 D46/32	-25,90006	-87.17514	-83,333
1977	-300	-98,98649		59.87973	-16.00009	The second second second	-25,97575			49.2758		-
	-80/82902	91,55405		-60.30928	-15.60385	And in contrast of	62,09002					+
1955							12.43979	And the second second	40.0396	46.84278		
1938	-50,72796	-67.50541	87.17949	66,271/48	78.12138				Accessor to the second	THE RESERVE AND PERSONS ASSESSED.		
1921	70.48833	-91.55405			56.39737		57.7811	Account for the last of the last	THE RESERVE OF THE PERSON NAMED IN			
1882	70.98446 -87.04663	-71.95946 -35.13514	-45,78755 -17,58242		-19.6753 -36.68347		The second second	To be the second of	-	-73.13144 103.6727		
1005	-01/49 b63	-22.15014	17,30042	20/02/199	30 00048	1000718	201.011.01	25.77118		120000121		- 10
2004		-6151351	-61,90476				18.61817		Every Land Control of the Control	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		
1976		-27.02703							Secretary and other trans-		-	
1946			-60.98901			-4,976768			the second second second	CONTRACTOR OF THE PARTY OF THE	THE REAL PROPERTY AND ADDRESS.	A CONTRACTOR OF THE PARTY OF TH
1920	-100	-35.81081	-26.37363	68,47679		-	-24.26507			A RESIDENCE OF THE PARTY OF THE	- Contract Contract	THE PERSON NAMED IN
1897	-89.63731	-34.85135	-59.15751	2.147766	81.36838	-16.96248	58.59492	45,30553	-37.54138	-79.63919	-53,50034	-52,941
2008	1047.668	-82,43243	-26.37363	-20.70447	-54.81252	19,10044	8.28766	\$1,45838	-8.73571	-55.4768	-75,90633	-80.300
1980			-64,7619		Section of the latest section of	-	Accesses to the second	A CONTRACTOR OF THE PARTY OF TH	1			
3957					67,02744	1	4		A STATE OF THE PARTY OF THE PAR	CONTRACT STREET, STREET,		_
1924		-87.5		-0.257732	Contract of the Contract of th		28.99851		The second second	Commence of the last		
1804	-100				-38.03634		-24,73011		A STATE OF THE PARTY OF THE PAR		-	-
							The second line is not a second line in the second					-

3/25/2018