

CATALOGO DE TERREMOTOS PERCEPTIBLES DE CUBA (1528 - 1990)

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1528		(20.50)	(74.50)	(5.0)	(30)	1	2	(6)	Baracoa
1551		(20.40)	(76.60)	(5.8)	(15)	1	2	8	Bayamo
1578 AUG		(19.90)	(76.00)	(6.8)	(30)	1	2	8	Santiago de Cuba
1580		(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1624 OCT		(20.40)	(76.60)	(5.2)	(15)	1	2	7	Bayamo
1675 FEB 11		(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1677 FEB 11		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1678 FEB 11	14:59	(19.90)	(76.00)	(6.8)	(30)	1	2	8	Santiago de Cuba
1682		(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1693		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1752 OCT		(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1757 NOV 01		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1757 DEC 14	16:44	(19.90)	(75.80)	(5.3)	(30)	1	2	6	Santiago de Cuba
1760 JUL 11		(19.90)	(76.00)	(6.8)	(30)	1	2	8	Santiago de Cuba
1762 NOV 13		(22.98)	(82.37)	(3.1)	(10)	1	2	4	Santiago Vegas
1766 APR 12		(21.37)	(77.92)	-	-	1	1	?	Camaguey
1766 JUN 12	05:14	(19.80)	(76.10)	(7.6)	(35)	3	4	9	Santiago de Cuba
1770		(21.37)	(77.92)	-	-	1	1	?	Camaguey
1775 FEB 11		(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1776		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1777 JUL 07	09:29	(22.83)	(82.03)	(3.7)	(10)	1	2	5	Güines
1791 JUN 21		(23.05)	(81.96)	-	-	1	1	?	C.Habana-Matanzas
1800 OCT 14		(19.90)	(75.80)	(4.7)	(30)	1	2	6	Santiago de Cuba
1800 DEC 02		(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1801 JUL		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1802 JAN		(19.90)	(75.80)	(4.7)	(30)	1	2	6	Santiago de Cuba
1810		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1810 OCT		(19.90)	(76.00)	(5.4)	(30)	1	2	6.5	Santiago de Cuba
1812		(23.05)	(81.58)	(3.1)	(10)	1	2	(4)	Matanzas
1812		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1822 MAY 08	NCH	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1824		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1824		(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1824 JAN 05	08:59	(21.80)	(79.98)	(4.3)	(10)	1	2	6	Trinidad
1826 JUL		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1826 SEP 18	09:29	(19.90)	(76.00)	(5.8)	(30)	1	2	7	Santiago de Cuba
1832		(22.42)	(79.97)	-	-	1	1	?	Region Central
1835		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1837		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1837 APR 22	14:44	(21.72)	(77.86)	(3.7)	(15)	1	2	5	Cubitas
1838		(21.80)	(79.98)	(3.8)	(10)	1	2	5	Trinidad
1841 MAY		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1842 MAY 07		(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1842 JUL 07		(19.90)	(76.00)	(6.0)	(30)	1	2	7	Santiago de Cuba
1843 FEB 21		(23.13)	(82.40)	(3.7)	(10)	1	2	5	Ciudad Habana
1843 FEB 21	MNN	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1843 MAR 05		(23.05)	(81.58)	(2.5)	(10)	1	2	3	Matanzas

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1843 MAR 07	09:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1843 MAR 08	09:39	(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1843 MAR 08	16:59	(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1843 MAY 27	09:29	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1843 MAY 27	09:59	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1843 MAY 28	03:29	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1843 SEP 03		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1843 OCT 26		(20.02)	(75.84)	-	-	1	1	?	Región Oriental
1844		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1844 MAY 07		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1844 AUG 27	03:29	(19.90)	(75.80)	(4.3)	(20)	1	2	5	Santiago de Cuba
1845 APR 21	19:04	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1845 MAY	04:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1846 FEB		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1846 MAR 23	12:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1846 APR 28		(20.71)	(77.99)	(3.1)	(10)	1	2	4	Santa Cruz del Sur
1846 MAY		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1846 OCT		(21.37)	(77.92)	-	-	1	1	?	Camagüey
1846 OCT 10		(23.00)	(82.08)	(2.8)	(10)	1	2	3.5	C.Habana-Madruga
1847 DEC 05	22:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1849	07:34	(22.71)	(83.06)	(3.3)	(15)	1	2	3	San Cristóbal
1849 JUN 23	TRD	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1849 AUG 30		(22.15)	(80.45)	(3.1)	(10)	1	2	4	Cienfuegos
1851 MAY 11	21:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1851 MAY 12	03:29	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1852		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1852		(23.05)	(81.58)	3.7)	(10)	1	2	5	Matanzas
1852 FEB 14		(21.00)	(76.20)	-	-	1	1	?	Gibara-Holguín
1852 FEB 19		(21.00)	(76.20)	-	-	1	1	?	Gibara-Holguín
1852 FEB 27		(21.00)	(76.20)	-	-	1	1	?	Gibara-Holguín
1852 JUL 07	12:25	(19.80)	(79.70)	(7.5)	(30)	4	4	5	Caimán (Imax CUBA)
1852 JUL 07	14:59	(22.42)	(79.97)	(3.1)	(10)	1	2	4	Santa Clara
1852 AUG 20	14:05	(19.75)	(75.32)	(7.3)	(30)	4	4	9	Santiago de Cuba
1852 NOV 26	08:44	(19.50)	(76.25)	(7.0)	(35)	3	4	8	Santiago de Cuba
1852 DEC 28		(21.00)	(76.20)	(3.2)	(15)	1	3	4	Gibara-Holguín
1853 OCT		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1853 NOV 08		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1853 DEC 29	06:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1853 DEC 30	11:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1854		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1854		(23.05)	(81.58)	-	-	1	1	?	Matanzas
1854 MAR 16	06:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1854 SEP 09		(23.05)	(81.58)	(3.7)	(10)	1	2	5	Matanzas
1854 SEP 17		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1854 SEP 26	MNN	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1854 SEP 27	10:49	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1854 OCT 20		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1855 JAN		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1855 FEB 20	12:29	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1855 APR 24	17:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1856 JAN 04		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1856 OCT 27	04:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1857 FEB 10		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1857 JUN 11		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1857 JUL 07		(22.81)	(80.08)	(2.8)	(10)	1	2	3	Sagua la Grande
1858 JAN 28	22:04	(19.90)	(76.00)	(6.5)	(30)	1	2	7	Santiago de Cuba
1858 MAR 07		(21.37)	(77.92)	-	-	1	1	?	Camagüey
1858 MAR 07	12:29	(22.48)	(79.55)	(3.5)	(10)	1	2	4.5	Remedios
1858 APR	22:59	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1858 AUG 14	06:29	(22.48)	(79.55)	(3.5)	(10)	1	2	4.5	Remedios
1859 AUG 15	02:59	(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1859 OCT 04		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1860		(22.86)	(82.86)	-	-	1	1	?	Cayajabos
1860 FEB	03:29	(19.90)	(75.80)	(4.3)	(20)	1	2	5	Santiago de Cuba
1860 FEB	10:44	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1861 APR 28		(21.80)	(79.98)	(3.1)	(10)	1	3	(4)	Trinidad
1861 MAY 27	13:59	(22.81)	(80.08)	(2.8)	(10)	1	2	3	Sagua la Grande
1861 JUN 27		(22.81)	(80.08)	(3.8)	(10)	1	2	5	Sagua la Grande
1862		(22.79)	(83.42)	-	-	1	1	?	Cajalbana-F.Caimito
1862 JAN		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1862 AUG		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1862 DEC		(23.13)	(82.40)	(2.5)	(10)	1	2	3	Ciudad Habana
1864 APR 28		(21.72)	(77.86)	-	-	1	1	?	Sierra de Cubitas
1867 NOV 11		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1868 MAR 25		(23.13)	(82.40)	(3.7)	(10)	1	2	5	Ciudad Habana
1868 MAY 01		(22.36)	(79.58)	(3.1)	(10)	1	2	4	Zulueta
1868 JUN 30		(20.02)	(75.84)	(3.2)	(15)	1	3	4	Santiago de Cuba
1868 JUL		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1868 AUG 19	14:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1869 JAN 01	23:14	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1869 NOV 04	05:14	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1870 SEP 03	19:59	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1870 SEP 11	14:29	(19.90)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1870 DEC16	04:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1871		(21.87)	(82.78)	(4.2)	(10)	1	2	5	El Abra
1871 JAN 20	MDA	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1871 JAN 21		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1871 FEB 20		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1871 FEB 21	02:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1871 APR	06:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1872		(22.91)	(81.86)	(2.5)	(10)	1	2	3	Madruga
1872		(22.71)	(83.06)	(2.7)	(15)	1	2	3	San Cristóbal
1872		(21.80)	(79.98)	(2.8)	(10)	1	2	3	Trinidad
1872 JUN	23:29	(22.50)	(79.51)	(4.2)	(10)	1	3	5.5	Caibarien-Remedios
1873 MAR		(22.77)	(83.54)	(3.5)	(20)	1	2	4	Ceja de Luna
1873 AUG 12	03:29	(22.48)	(79.55)	(4.5)	(10)	1	2	6	Remedios
1874 AUG 18	06:29	(19.90)	(75.80)	(4.0)	(20)	1	2	5	Santiago de Cuba
1875 JUL 03	17:44	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1876 OCT 31	02:29	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1877 JAN 19	02:29	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1877 JAN 19	22:59	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1877 JAN 30	17:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1877 NOV	08:29	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1878 DEC		(22.85)	(83.27)	-	-	1	1	?	Las Pozas
1879 MAR 28		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1879 MAR 28	02:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1879 SEP 07	20:59	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1879 DEC		(22.78)	(83.45)	(4.2)	(20)	1	3	5	Cajalbana
1879 DEC 21		(22.71)	(83.06)	(3.3)	(15)	1	2	4	San Cristóbal
1880		(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1880		(23.13)	(82.40)	-	-	1	1	?	Ciudad Habana
1880		(23.05)	(81.58)	-	-	1	1	?	Matanzas
1880 JAN 23	04:39	(22.70)	(83.00)	(6.0)	(15)	4	4	8	San Cristóbal
1880 JAN 24	19:54	(22.88)	(80.38)	(2.8)	(15)	1	2	3	Rancho Veloz
1880 JAN 26	07:29	(22.41)	(83.72)	(3.3)	(15)	1	2	4	Pinar del Rio
1880 FEB 02	07:29	(22.75)	(83.56)	(3.5)	(20)	1	2	4	Consolación Norte
1880 JUN 12	01:29	(22.42)	(79.63)	(3.1)	(10)	1	2	4	Guadalupe
1880 JUL 03	22:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1880 JUL 17	04:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1880 NOV 02		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1881 AUG 01	17:24	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1882 OCT 25	02:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1882 DEC 11	15:29	(20.02)	(75.84)	(3.0)	(15)	1	2	3.5	Santiago de Cuba
1882 DEC 12	05:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1882 DEC 12	11:49	(19.90)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1883 MAY 18	08:44	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1884 MAR 26	02:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1884 AUG 28	19:06	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1886		(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1886 APR 02		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1886 MAY 09	17:29	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1886 MAY 09	23:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1886 AUG 31	22:20	(22.94)	(80.01)	(3.8)	(15)	1	2	5	Isabela de Sagua
1886 SEP 04	18:24	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1887		(22.90)	(83.33)	(4.2)	(20)	1	2	5	Ingenio Almagro
1887 APR 20	NCH	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1887 AUG 08	10:29	(20.02)	(75.84)	(3.5)	(15)	1	2	4.5	Santiago de Cuba
1887 OCT 03	05:26	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1888 MAR 08	06:24	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1888 JUN 13	MDA	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1889 MAR 28	06:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1889 MAR 28	09:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1889 APR 07	01:26	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1889 APR 12	02:19	(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1891 FEB 04	03:21	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1891 MAY 25	14:57	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1891 MAY 25	18:16	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1891 JUN 25	MNN	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1891 OCT 27	03:44	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1891 DEC 02	08:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1891 DEC 03	03:44	(20.02)	(75.84)	(3.5)	(15)	1	2	4.5	Santiago de Cuba
1892 SEP 14	MDA	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1893 MAY 02	18:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1893 MAY 18	14:49	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1894 JAN 09	05:29	(19.90)	(75.80)	(5.0)	(30)	1	2	6	Santiago de Cuba
1894 MAR 28	07:14	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1894 MAR 28	07:59	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1894 APR 10	18:04	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1894 JUL 29	MDA	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1894 AUG 12	06:24	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1894 AUG 15	16:44	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1894 AUG 16	07:59	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1895		(22.34)	(84.39)	-	-	1	1	?	Arroyo de Mantua
1895 FEB 12	MNN	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1896		(22.75)	(83.56)	(4.2)	(20)	1	2	5	La Palma
1896 FEB 24	20:44	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1896 APR 24	01:59	(22.51)	(79.47)	(2.8)	(10)	1	2	3	Caibarien
1896 APR 25	NCH	(22.51)	(79.47)	(3.9)	(10)	1	2	5	Caibarien
1896 SEP 20	09:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1897 AUG 28	MDA	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1897 SEP 07	18:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1898 AUG 13	06:29	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1898 AUG 26	16:29	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1899 SEP 16		(22.71)	(83.06)	(3.3)	(15)	1	2	4	San Cristóbal
1900 DEC 24	19:42	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1901 AUG 28	03:44	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1902 OCT 13	13:59	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1903		(22.68)	(81.11)	(4.1)	(18)	1	2	5	Agramonte
1903 AUG 16	13:59	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1903AUG18	08:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1903 SEP19	07:59	(19.90)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1903 SEP 22	08:09	(19.90)	(76.00)	(5.7)	(30)	1	2	7	Santiago de Cuba
1905		(22.75)	(83.70)	(3.5)	(20)	1	2	4	San Pedro
1905		(23.05)	(82.01)	(3.1)	(10)	1	2	4	Jaruco
1905 MAY 06	20:54	(19.60)	(80.00)	(7.2)	(30)	4	4	3	Caimán (Imax CUBA)
1905 OCT 12	18:07	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1905 OCT 13	21:59	(19.90)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1905 OCT 21	14:29	(20.18)	(75.71)	(4.0)	(20)	1	2	5	Alto Songo
1906		(22.65)	(83.20)	(2.5)	(15)	1	2	3	Fierro
1906 JAN 15	MNN	(22.60)	(80.33)	(3.2)	(10)	1	2	4	Manacas
1906 MAY 06	TRD	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1906 MAY 08		(22.71)	(83.06)	(2.7)	(15)	1	2	3	San Cristóbal
1906 MAY 26	20:29	(22.71)	(83.06)	(2.7)	(15)	1	2	3	San Cristóbal
1906 JUN 05	05:59	(22.88)	(80.38)	(3.8)	(10)	1	2	5	Rancho Veloz
1906 JUN 22	07:09	(19.65)	(76.25)	(6.2)	(30)	3	4	7	Santiago de Cuba
1906 OCT		(22.20)	(84.09)	(3.3)	(20)	1	2	4	Guane
1907 FEB 19		(23.13)	(82.40)	(3.7)	(10)	1	2	5	Ciudad Habana
1907 APR 15		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1907 SEP 02	04:59	(20.66)	(75.68)	(2.6)	(10)	1	2	4	Mayarí
1907 DEC		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1908 JAN		(22.48)	(79.55)	(2.9)	(10)	1	2	3.5	Remedios
1908 JAN 04	NCH	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1908 DEC 07	19:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1908 DEC 15		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1909	NCH	(21.12)	(76.13)	(3.6)	(10)	1	2	5	Gibara
1909 JAN 24	19:29	(21.80)	(79.98)	(4.3)	(10)	1	2	6	Trinidad
1909 JAN 29		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1909 JAN 30		(20.02)	(75.84)	-	-	1	2	?	Santiago de Cuba
1909 MAY 28	22:59	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1910		(22.34)	(84.39)	-	-	1	2		
1910		(22.63)	(83.37)	(3.0)	(15)	1	2	3.5	San Diego Baños
1910 APR 01	08:29	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1910 APR 01	08:49	(19.80)	(75.20)	(4.8)	(30)	1	3	6	Guantánamo
1910 JUN 27	15:29	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1910 AUG 13	23:59	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1910 AUG 30		(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1911 APR 26	07:14	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1911 MAY 26	07:14	(19.90)	(75.80)	(4.8)	(30)	1	3	6	Santiago de Cuba
1911 OCT 26		(21.20)	(76.61)	(2.7)	(10)	1	2	4	Puerto Padre
1912	20:00	(21.06)	(76.45)	(2.7)	(10)	1	2	4	Los Alfonso
1912 JAN 03	NCH	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1912 MAY 06	NCH	(22.51)	(79.69)	(3.1)	(10)	1	2	4	San Antonio Vueltas
1912 AUG 21	14:29	(20.89)	(76.27)	(3.2)	(10)	1	3	4	Holguín
1913		(22.34)	(84.39)	(3.5)	(20)	1	2	4	Arroyo de Mantua
1913		(22.15)	(80.45)	(3.1)	(10)	1	2	4	Cienfuegos
1913 FEB 11	02:29	(20.18)	(75.71)	(4.0)	(20)	1	2	5	Alto Songo
1914		(22.15)	(80.45)	(3.5)	(10)	1	2	4.5	Cienfuegos
1914 FEB 11	07:29	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1914 FEB 11	07:34	(20.11)	(75.77)	(3.2)	(15)	1	2	4	S.de Cuba-A.Songo
1914 FEB 11	09:32	(19.90)	(75.80)	(4.3)	(20)	1	3	5	Santiago de Cuba
1914 FEB 28	05:19	(21.22)	(76.17)	(6.2)	(32)	4	4	7	Gibara
1914 MAY 27	06:59	(22.71)	(82.28)	(3.1)	(10)	1	2	4	Batabanó
1914 MAY 28	03:29	(22.71)	(82.28)	(3.7)	(10)	1	2	5	Batabanó
1914 AUG		(19.91)	(77.33)	(4.2)	(20)	1	2	5	Pilón
1914 DEC 25	05:19	(19.45)	(76.30)	(6.7)	(30)	4	4	7	Santiago de Cuba
1916 FEB 11		(21.10)	(76.48)	(3.6)	(10)	1	3	5	Gibara-P.Padre-S.Ag
1916 APR 13		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1918 JUL	17:00	(21.87)	(79.84)	(3.1)	(10)	1	3	4	Condado
1919 FEB 10	MNN	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1920		(20.66)	(76.03)	(2.6)	(10)	1	3	4	Cueto
1920		(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1920		(22.51)	(79.71)	(2.9)	(10)	1	2	3.5	San Antonio Vueltas
1920 FEB		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1920 NOV 04	02:29	(20.66)	(75.27)	(2.7)	(10)	1	2	4	Cayo Mambí
1921 SEP 23		(22.91)	(82.61)	(3.1)	(10)	1	2	4	Caimito-Ceiba Agua
1921 NOV 18	09:56	(19.80)	(75.20)	(4.8)	(30)	1	2	6	Guantánamo
1922 JAN 27	17:59	(20.25)	(76.00)	(2.6)	(10)	1	2	3.5	Dos Ríos
1922 JAN 27	20:29	(19.80)	(75.20)	(4.3)	(20)	1	3	5	Guantánamo
1925		(21.84)	(78.77)	(3.0)	(15)	1	2	3.5	Ciego de Avila
1925		(22.35)	(83.50)	(3.1)	(10)	1	2	4	Cayo Largo (PIRIO)
1925 OCT 17		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1926		(22.60)	(80.33)	(3.2)	(10)	1	2	4	Manacas
1926		(21.94)	(79.18)	(2.9)	(10)	1	2	3.5	Jatibonico
1926 AUG 03	11:30	(20.30)	(77.10)	(5.4)	(15)	2	3	7	Manzanillo

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1927 JAN		(22.77)	(81.02)	(3.6)	(18)	1	2	4	Perico
1927 MAR 01	03:00	(20.38)	(76.66)	(3.7)	(15)	1	3	5	Bayamo
1927 MAR 05	04:17	(20.15)	(75.58)	(5.3)	(20)	3	4	6	S. Cuba- Guantánamo
1928 JUN 05		(22.77)	(81.02)	(3.0)	(18)	1	2	3	Perico
1928 JUN 05	15:45	(20.21)	(75.13)	(4.0)	(20)	3	4	5	Jamaica (Guantánamo)
1928 AUG 17	08:10	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1929		(22.29)	(84.29)	(2.9)	(20)	1	2	3	Mantua
1929 APR 21	00:10	(19.80)	(75.20)	(4.1)	(20)	1	2	5	Guantánamo
1930 JAN 17	12:00	(19.90)	(76.00)	(5.8)	(25)	3	4	7	Santiago de Cuba
1931	12:00	(22.23)	(79.33)	(3.1)	(10)	1	3	4	Jarahueca
1931 AUG 12	18:00	(22.81)	(80.08)	(3.1)	(10)	1	2	4	Sagua la Grande
1931 AUG 12	18:30	(22.81)	(80.08)	(2.8)	(10)	1	2	3	Sagua la Grande
1931 OCT 01	TRD	(23.00)	(80.40)	-	-	1	2	-	TSUNAMI-PlayaPanchita
1932		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1932		(22.98)	(80.59)	(2.8)	(10)	1	2	3	Corralillo
1932	DIA	(21.87)	(79.84)	(3.5)	(10)	1	2	4.5	Condado
1932 FEB 03	06:15:55.0	19.80 (19.75)	75.80 (75.58)	6.75 (6.8)	- (35)	4	5	8	Santiago de Cuba
1932 JUN 06	09:12:45.0	19.60 (19.75)	76.50 (75.50)	- (5.4)	- (30)	4	5	6	Santiago de Cuba
1932 DEC 06	09:30	(20.02)	(75.84)	(3.2)	(15)	1	5	4	Santiago de Cuba
1932 DEC 12	23:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1933		(22.05)	(79.46)	(3.1)	(10)	1	2	4	Guayos
1933 JAN 13	06:13	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1933 JAN 14	11:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1933 FEB 02	MDA	(20.02)	(75.84)	-	-	1	2	?	Santiago de Cuba
1933 FEB 02	16:45	(20.02)	(75.84)	-	-	1	2	?	Santiago de Cuba
1933 MAR 08	14:45	(19.90)	(75.80)	(4.2)	(20)	1	1	5	Santiago de Cuba
1933 MAY 05	13:28	(19.90)	(75.80)	(4.1)	(20)	1	1	5	Santiago de Cuba
1933 JUN 20	11:57	(20.02)	(75.84)	(2.8)	(15)	1	3	3	Santiago de Cuba
1933 JUN 20	14:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1933 JUL 13	02:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1933 JUL 14	03:10	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1933 AUG 26	18:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1933 SEP 29	12:58	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1933 OCT 06		(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1933 OCT 14	08:05	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1933 NOV 06	12:25	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1933DEC17	23:25	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1934		(22.66)	(80.19)	(3.1)	(10)	1	2	4	Rodrigo
1934		(22.35)	(80.28)	(3.1)	(10)	1	2	4	Cruces
1934	MDA	(22.14)	(78.98)	(3.1)	(10)	1	2	4	Florencia
1934 FEB 12	04:30	(19.90)	(75.80)	(4.8)	(30)	1	3	6	Santiago de Cuba
1934 MAY 12	20:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1934 AUG 22	19:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1934 SEP 18	09:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1934 OCT 05	22:15	(19.90)	(75.80)	(4.8)	(30)	1	3	6	Santiago de Cuba
1935		(20.34)	(74.50)	(3.5)	(10)	1	2	5	Baracoa
1935 JAN 08	07:00	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1935 JAN 15	02:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1935 JAN 23	08:54	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1935 FEB 12	00:10	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1935 FEB 24	05:37	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1935 MAR 10	22:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1935 SEP 15	22:30	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1935 OCT 07	06:30	(19.90)	(75.80)	(4.7)	(20)	1	2	5.5	Santiago de Cuba
1935 OCT 07	23:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1935 OCT 18	04:40	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1935 OCT 30	23:00	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1936		(22.05)	(83.99)	-	-	1	1	?	Cortes
1936		(21.84)	(78.77)	(3.0)	(10)	1	2	4	Ciego de Avila
1936 MAR 01		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1936 AUG 27	21:23	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1936 OCT 18		(20.17)	(75.64)	(4.0)	(20)	1	2	5	La Maya
1936 DEC 19	15:30	(22.34)	(79.34)	(3.5)	(15)	3	4	4.5	Yaguajay
1937	NCH	(21.16)	(76.47)	(3.2)	(10)	1	2	4.5	CAI J. Menéndez
1937	21:30	(20.66)	(76.03)	(2.8)	(10)	1	2	3.5	Cueto
1937 JAN 01	16:00	(22.29)	(79.20)	(3.1)	(10)	1	3	4	Centeno
1937 JAN 05	23:45	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1937 JAN 07		(22.31)	(79.24)	-	-	1	1	?	Yaguajay
1937 JAN 08	MDA	(22.33)	(79.26)	(3.1)	(10)	1	3	4	CAI O. Morales
1937 MAR 07	02:15	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1937 MAR 18	13:35	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1937 APR 17		(22.71)	(83.06)	(2.7)	(15)	1	2	3	San Cristóbal
1937 MAY 14	DIA	(22.78)	(80.08)	(3.6)	(10)	3	4	5	Sagua la Grande
1937 JUL 07	09:20	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1937 SEP 19	23:15	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1937 OCT 12		(20.02)	(75.84)	-	-	1	2	?	Santiago de Cuba
1937 OCT 17	06:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1937 DEC 12	18:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1937 DEC 12	20:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1937 DEC 13	18:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1937 DEC 13	20:00	(19.80)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1937 DEC 20	15:35	(22.71)	(83.06)	(4.5)	(15)	1	2	6	San Cristóbal
1938	TRD	(20.76)	(76.04)	(3.2)	(10)	1	2	4.5	CAI López Peña
1938 MAR 11	02:06	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1938 MAR 29	07:20	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1938 APR 06	03:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1938 JUN 30		(22.51)	(79.47)	(2.8)	(10)	1	2	3	Caibarien
1938 JUL 29		(22.48)	(79.55)	(2.8)	(10)	1	2	3	Remedios
1938 SEP 23	21:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1938 OCT	02:00	(22.30)	(79.73)	(2.9)	(10)	1	2	3	Caibarien-Manicaragua
1938 OCT 07	19:59	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1938 NOV	15:25	(22.31)	(79.24)	(3.1)	(10)	1	2	4	Yaguajay
1938 NOV 10	15:25	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1939	NCH	(21.12)	(76.13)	(3.0)	(10)	1	2	4	Gibara
1939 JAN 01	14:00	(22.31)	(79.24)	(2.9)	(10)	1	2	3	Yaguajay-Centeno
1939 JAN 13	09:20	(22.51)	(79.47)	(3.8)	(10)	1	2	5	Caibarien
1939 JAN 13	09:30	(22.42)	(79.35)	(3.2)	(10)	1	2	4	Caibarien-Yaguajay
1939 JAN 13	09:35	(22.31)	(79.24)	(2.8)	(10)	1	2	3	Yaguajay

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1939 FEB 15		(22.31)	(79.24)	(3.1)	(10)	1	2	4	Yaguajay
1939 FEB 15	16:45	(22.60)	(83.30)	(2.7)	(15)	2	3	3	C.Sur-Pilotos-S.Ctbal
1939 MAR 27	11:20	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1939 APR 20		(22.50)	(83.52)	-	-	1	1	?	Consolación del Sur
1939 APR 21	20:57	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1939 MAY		(22.51)	(79.47)	(3.1)	(10)	1	3	4	Caibarien
1939 MAY 16	16:23	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1939 JUL 14		(22.51)	(79.47)	(2.8)	(10)	1	2	3	Caibarien
1939 JUL 17		(22.51)	(79.47)	(2.8)	(10)	1	2	3	Caibarien
1939 AUG 15	03:52:31.0	22.50 (22.65)	79.25 (79.40)	5.6 (5.6)	- (15)			7	Remedios-Caibarien
1939 AUG 16	04:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1939 AUG 19	12:00	(22.62)	(79.42)	(2.8)	(10)	1	2	3	Camajuaní
1939 NOV 04	01:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1940	NCH	(20.68)	(75.22)	(2.8)	(10)	1	2	3.5	Cayo Acosta
1940		(20.94)	(77.84)	(3.2)	(15)	1	2	4	Las Casimbas
1940	MDD	(22.29)	(84.29)	(2.9)	(20)	1	2	3	Mantua
1940		(22.30)	(83.80)	(2.7)	(15)	1	2	3	Entronque San Luis
1940 JAN		(22.48)	(79.55)	(2.8)	(10)	1	2	3	Remedios
1940 JAN 22	12:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1940 APR 05		(22.48)	(79.55)	(2.8)	(10)	1	2	3	Remedios
1940 JUN	NCH	(22.23)	(79.33)	(3.1)	(10)	1	2	4	Jarahueca
1940 JUN 13	06:15	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1940 JUL 30	16:05:24.0	19.40	75.10	5.6	-	1	3	6	Santiago de Cuba
1940 SEP 23	04:35	(19.90)	(75.80)	(5.0)	(30)	3	4	6	Santiago de Cuba
1940 NOV 11	22:00	(22.48)	(79.55)	(3.2)	(10)	1	2	4	Remedios
1940 DEC 02	12:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1941		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1941	MNN	(22.08)	(78.50)	(3.1)	(10)	1	3	4	CPA Martires Bolivia
1941	NCH	(22.50)	(79.51)	(2.8)	(10)	1	3	3	Caibarien-Remedios
1941		(22.98)	(80.59)	(2.8)	(10)	1	2	3	Corralillo
1941 FEB 28	21:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1941 MAR 23	20:32	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1941 APR 07	23:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1941 APR 24	20:30	(22.81)	(80.08)	(3.1)	(10)	1	3	4	Sagua la Grande
1941 APR 25	02:15	(22.85)	(80.10)	(3.3)	(15)	3	4	4	S.Grande-Isbla-Chinch
1941 MAY 08	03:25	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1941 MAY 25		(21.73)	(77.65)	(3.0)	(10)	1	2	3.5	La Gloria
1941 JUL 10	11:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1941 SEP 27	15:52	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1941 OCT 29	10:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1942		(22.41)	(83.72)	(3.3)	(15)	1	2	4	Pinar del Rio
1942 MAR 09	18:10	(22.94)	(80.01)	(3.4)	(15)	1	3	4	Isabela de Sagua
1942 MAR 23	20:32	(19.90)	(75.80)	(4.4)	(20)	1	2	5	Santiago de Cuba
1942 APR	09:00	(21.07)	(76.18)	(3.1)	(10)	3	4	4.5	Tumbadero-Las Bocas
1942 APR 11	05:40	(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1942 JUN 04	06:00	(22.81)	(80.08)	(2.8)	(10)	1	2	3	Sagua la Grande
1942 AUG	MNN	(22.30)	(80.63)	(3.2)	(10)	3	4	4.5	Rodas
1942 SEP 25	16:55	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1942 DEC 18		(23.13)	(82.40)	(3.1)	(10)	1	2	4	Ciudad Habana
1943		(22.81)	(80.08)	(2.9)	(10)	1	2	3.5	Sagua la Grande

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1943	TRD	(20.65)	(75.55)	(3.0)	(10)	1	2	4	Levisa
1943 FEB 23	23:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1943 APR 01	20:25	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1943 JUL 23		(21.92)	(80.02)	(3.2)	(10)	1	2	4	Topes de Collantes
1943 JUL 29	MDA	(20.98)	(76.30)	(2.6)	(10)	1	3	3	Mayarí
1943 JUL 30	02:40	(21.85)	(80.10)	(4.6)	(15)	4	4	6	Trinidad
1943 JUL 31	02:00	(22.15)	(79.97)	(3.1)	(10)	1	2	4	Manicaragua
1943 JUL 31	03:15	(22.11)	(79.72)	(2.8)	(10)	1	2	3	Fomento
1943 AUG 16	NCH	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1943 AUG 26	12:30	(19.90)	(75.80)	(4.2)	(20)	1	3	5	Santiago de Cuba
1943 DEC	03:30	(22.21)	(79.24)	(2.9)	(10)	1	2	3.5	Iguará
1944	07:00	(20.34)	(74.50)	(3.3)	(10)	1	2	5	Baracoa
1944	15:00	(22.06)	(79.40)	(3.2)	(10)	1	2	4	La Pelada
1944	16:00	(21.98)	(79.95)	(2.9)	(10)	1	3	3	Topes C.- G.Miranda
1944 JAN		(22.35)	(79.23)	(3.1)	(10)	1	3	4	CAI OMorales-Sbolivar
1944 JAN	03:00	(22.33)	(79.26)	(3.8)	(10)	1	3	5	CAI Omorales
1944 JAN 01	19:00	(22.80)	(80.10)	(3.2)	(10)	2	3	4	SGrande-Isbla-Rodrigo
1944 MAR 13	21:57	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1944 MAR 22	21:57	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1944 MAR 25	03:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1944 MAR 27	00:40	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1944 MAR 27	23:53	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1944 OCT 12	15:00	(22.71)	(83.06)	(4.0)	(15)	1	2	5	San Cristobal
1944 DEC 15	14:15	(20.50)	(75.70)	(4.7)	(20)	3	4	5	Sagua de Tanamo
1945	MDA	(22.29)	(84.29)	(3.5)	(20)	1	2	4	Mantua
1945	03:00	(22.15)	(79.97)	(2.8)	(10)	1	2	3	Manicaragua
1945	NCH	(22.68)	(79.71)	(3.1)	(10)	1	2	4	Arroyo Naranjo
1945 JAN 22		(20.30)	(75.80)	(4.7)	(20)	3	4	5	Santiago de Cuba
1945 OCT 27		(21.93)	(79.45)	(2.9)	(10)	1	2	3	Sancti Spiritus
1946	DIA	(21.12)	(76.13)	(2.9)	(10)	1	2	3.5	Gibara
1946		(21.84)	(79.87)	(3.1)	(10)	1	2	4	Manaca Iznaga
1946		(22.60)	(83.31)	(3.3)	(15)	1	2	4	Entq.S.Diego Baños
1946		(22.00)	(79.36)	(3.2)	(10)	1	2	4	Zaza del Medio
1946 JAN 30	09:10	(19.90)	(75.80)	(4.4)	(20)	1	2	5	Santiago de Cuba
1946 APR 28		(20.71)	(77.99)	(2.8)	(10)	1	2	3	Santa Cruz del Sur
1946 MAY 30	05:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1946 JUN 20	13:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1946 SEP 03	00:00	(20.34)	(74.50)	(3.5)	(10)	1	2	5	Baracoa
1946 OCT 22	13:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1947	MNN	(21.09)	(76.36)	(2.6)	(10)	1	2	3	Bocas
1947		(22.91)	(82.97)	-	-	1	1	?	San Claudio
1947 APR 26	04:10	(19.90)	(75.80)	(4.7)	(30)	1	2	6	Santiago de Cuba
1947 MAY 09		(20.66)	(76.03)	(3.2)	(10)	1	2	5	Cueto
1947 AUG 07	00:40:20.0	19.90 (19.80)	75.30 (75.75)	6.75 (6.3)	50 (35)			7	Santiago de Cuba
1947 SEP	MNN	(22.03)	(78.30)	(3.1)	(10)	2	3	4	CAI Bolivia
1948		(21.94)	(78.43)	(3.3)	(10)	1	4	4.5	CAI Iro. de Enero
1948	12:00	(21.16)	(76.47)	(3.0)	(10)	1	3	4	CAI J. Menéndez
1948	01:00	(20.66)	(76.03)	(2.9)	(10)	1	2	4	Cueto
1948 JAN 07	02:36	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1948 FEB 21	02:34	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1948 MAR 23	21:22	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1948 MAR 27	05:30	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1948 JUL 31	13:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1948 SEP	20:30	(22.81)	(80.08)	(3.1)	(10)	1	3	4	Sagua la Grande
1949 JUN 19	MDA	(21.90)	(80.00)	(3.4)	(10)	3	4	5	Topes de Collante
1949 NOV 23	MDA	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1949 NOV 23	12:21	(20.65)	(77.60)	(3.9)	(20)	3	4	4	Sta.Cruz Sur-R.Cauto
1949 DEC 27	03:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1950	TRD	(20.33)	(76.96)	(2.9)	(10)	1	2	4	Veguitas
1950		(22.80)	(80.28)	(3.1)	(10)	1	2	4	Pedro Salas
1950	MNN	(22.60)	(79.72)	(3.1)	(10)	1	2	4	Chiqui Gómez
1950 JAN 01	06:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1950 JAN 02	02:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1950 MAR 06	02:40	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1950 MAY 16	22:17	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1950 JUN 15	22:55	(19.80)	(75.20)	(5.2)	(30)	1	2	6	Guantánamo
1950 OCT 13	00:20	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1950 OCT 13	00:22	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1950 NOV 16	00:40	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1951 JAN 12	11:00	(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1951 MAY 13	10:00:10.2	19.68 (20.20)	75.46 (75.95)	4.0 (4.8)	55 (15)			6	Santiago de Cuba
1951 AUG 28	13:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1951 SEP 06	13:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1951 NOV	NCH	(21.55)	(77.27)	(3.0)	(10)	1	2	4	Nuevitas
1951 NOV 18	10:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1951 DEC 22		(21.94)	(78.43)	(3.3)	(10)	1	3	4.5	CAI.Iro de Enero
1952	23:00	(21.95)	(80.12)	(3.2)	(10)	1	3	4	El Naranjo
1952		(20.66)	(76.03)	(3.2)	(10)	1	2	5	Cueto
1952		(20.66)	(76.03)	(2.6)	(10)	1	2	3	Cueto
1952 JAN 01	09:45	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1952 JAN 02	10:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 JAN 15	09:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 FEB 03	06:30	(22.79)	(80.16)	(3.5)	(10)	1	4	4	Q.Guines-S.Grande
1952 FEB 03	16:30	(22.85)	(80.28)	(4.0)	(15)	5	4	5	Q.Guines-Caguaguas
1952 MAR 09	23:20	(20.02)	(75.84)	(2.8)	(15)	1	3	3	Santiago de Cuba
1952 MAR 10	14:00	(22.11)	(78.63)	(4.0)	(15)	2	3	5	Moron
1952 MAR 29	00:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 APR 05	17:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1952 JUN 27	17:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 JUN 29	11:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 JUL 07		(21.70)	(77.85)	-	-	1	2	?	Cubitas-La Guanaja
1952 JUL 17	22:10	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1952 AUG		(21.55)	(77.27)	(3.0)	(10)	1	2	4	Nuevitas
1952 AUG 24	03:35	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 SEP 10	09:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 OCT 09	22:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 OCT 12	07:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 OCT 13	21:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 OCT 17	19:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 NOV 02	07:10	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1952 NOV 10		(21.37)	(77.92)	(2.8)	(10)	1	2	3	Camaguey
1952 NOV 13	05:05	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1952 NOV 27	01:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1952 NOV 29	04:10	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1952 DEC 26	08:05	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1953		(22.41)	(83.72)	(3.3)	(15)	1	2	4	Pinar del Rio
1953	15:00	(22.98)	(80.59)	(2.9)	(10)	1	2	3.5	Corralillo
1953 JAN 01	11:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 JAN 01	11:20	(22.10)	(78.63)	(3.9)	(5)	4	4	6	Moron
1953 JAN 01	23:20	(19.91)	(77.33)	(2.6)	(10)	1	2	3	Pilon
1953 JAN 02	15:00	(22.75)	(80.02)	(3.1)	(10)	5	4	4	S.Grande-Stto.-Isbla
1953 JAN 05	12:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 FEB 26	15:40	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1953 MAR 25	02:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 APR 21	18:55	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 MAY 05	16:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 MAY 16		(23.03)	(82.13)	(3.8)	(10)	1	2	5	Tapaste
1953 MAY 21	07:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 MAY 31	20:05	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1953 MAY 31	21:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1953 JUN 28	15:00	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1953 JUL 10	08:45	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1953 SEP 20	12:30	(21.12)	(76.36)	(3.5)	(10)	4	4	5.5	Velazco
1953 OCT 07	05:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1954		(22.67)	(81.67)	(3.1)	(10)	1	2	4	Hato de Jicaritas
1954	15:00	(20.66)	(76.03)	(3.0)	(10)	1	2	4	Cueto
1954	23:00	(21.88)	(78.94)	(3.2)	(10)	1	2	4	Guayacanes
1954	NCH	(22.50)	(79.60)	(3.2)	(10)	1	3	4	Zulueta-V.Alta-Embr.
1954 FEB 15	23:45	(20.02)	(75.84)	(2.8)	(15)	1	2	4	Santiago de Cuba
1954 MAR 07	04:50	(20.02)	(75.84)	(2.8)	(15)	1	2	4	Santiago de Cuba
1954 MAR 25	DIA	(21.90)	(78.75)	-	-	1	1	?	Ciego Avila-Ceballos
1954 JUN 13	16:59:14.7	19.95	75.51	4.0	-	1	2	5	Santiago de Cuba
1954 AUG	NCH	(20.66)	(76.03)	(2.9)	(10)	1	2	4	Cueto
1954 OCT 18	17:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1954 NOV 16	12:55	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1954 DEC 16	12:08	(20.85)	(76.40)	(4.6)	(15)	5	4	5	CAI J.Menéndez
1954 DEC 25	19:20	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1955		(21.92)	(80.13)	(3.0)	(10)	1	2	3.5	El Naranjo
1955 JAN 08	19:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 JAN 10	18:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1955 JAN 13	11:35	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 JAN 27	02:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 FEB		(20.71)	(77.99)	(2.8)	(10)	1	2	3	Santa Cruz del Sur
1955 APR 24	12:50	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1955 JUL 16	19:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 AUG 02	04:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 AUG 04	07:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1955 SEP 05	23:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1956		(22.81)	(80.08)	(2.8)	(10)	1	2	3	Sagua la Grande
1956	02:00	(22.11)	(79.72)	(3.1)	(10)	1	2	4	Fomento

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1956	NCH	(21.17)	(76.42)	(2.9)	(10)	1	2	3.5	Lora
1956 JAN 01	07:00	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1956 JUN 14	07:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1956 JUL 09	09:40	(19.90)	(75.80)	(4.8)	(30)	1	2	6	Santiago de Cuba
1956 DEC 15	11:59	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1957 JAN 31	13:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1957 FEB 01	11:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1957 MAR 16	12:46:08.2	19.88	75.07	4.3	-	1	2	6	Santiago de Cuba
1957 APR	MNN	(21.55)	(77.27)	(2.8)	(10)	1	2	3	Nuevitas
1957 MAY 26	02:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1957 JUN 03	07:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1957 JUN 17	15:45	(20.20)	(75.20)	(3.8)	(10)	3	4	5	Guantánamo
1957 JUL 09	11:15	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1957 SEP 11	23:30	(22.18)	(83.63)	(4.1)	(10)	5	4	5	Pinar del Rio
1957 OCT 18	05:15	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1957 NOV 08	22:50	(19.90)	(75.80)	(4.2)	(20)	1	2	5	Santiago de Cuba
1957 NOV 15		(22.29)	(84.29)	-	-	1	2	?	Mantua
1958		(22.30)	(83.55)	-	-	1	1	?	Hermanos Barcón
1958		(22.71)	(83.06)	(3.3)	(15)	1	2	4	San Cristóbal
1958	MNN	(21.87)	(78.86)	(2.9)	(10)	1	2	3	Jicotea
1958 JAN 19	06:55	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 FEB 21	22:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 FEB 23	18:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 MAR 01	20:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 MAR 02	22:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 MAR 05	22:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 APR 05	22:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 APR 11	08:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1958 APR 13	12:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 JUN 25	20:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 JUN 25	20:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 JUL 26	16:15	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1958 AUG 09	01:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 AUG 31	14:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 OCT		(21.12)	(76.13)	(3.0)	(10)	1	2	4	Gibara
1958 OCT 30	18:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 NOV 13	00:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1958 DEC 22	22:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959		(22.30)	(83.55)	-	-	1	2	?	Hermanos Barcón
1959FEB08	11:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 FEB 08	11:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959FEB08	21:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 FEB 24	12:05	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 MAR 12		(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1959 ABR 18	06:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 APR 20	03:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 MAY 05		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 MAY 07		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 MAY20		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 JUN 01		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 JUL 15	13:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1959 JUL 23	04:45	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1959 AUG 19		(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 SEP 19	11:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 SEP 19	13:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 OCT 08	10:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1959 OCT 21	22:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 DEC 14	14:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1959 DEC 19	13:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960	04:00	(22.08)	(78.34)	(3.1)	(10)	1	3	4	CAI Bolivia
1960 FEB 13	13:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 FEB 17	21:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 FEB 21	03:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 MAR 13	20:50	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 MAY 25	15:30	(22.45)	(79.48)	(4.0)	(15)	5	4	5	Remedios
1960 MAY 26	02:00	(21.55)	(77.27)	(3.2)	(10)	1	2	4	Nuevitas
1960 MAY 29	12:30	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1960 JUN 05	13:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 JUN 11	15:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 JUN 19	00:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1960 JUN 19	01:35	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 JUL 18	13:35	(22.48)	(79.55)	(2.8)	(10)	1	2	3	Remedios
1960 SEP 04	23:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 OCT 16	23:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 OCT 22	14:35	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 NOV 09	02:20	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 NOV 30	10:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1960 DEC		(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1960 DEC 04	18:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961		(20.56)	(75.96)	-	-	1	1	?	Marcané
1961	15:00	(22.45)	(79.30)	(3.5)	(15)	5	4	4.5	CAI O. Morales
1961	15:20	(22.33)	(79.26)	(3.1)	(10)	1	2	4	CAI O. Morales
1961	02:00	(22.33)	(79.26)	(3.1)	(10)	1	2	4	CAI O. Morales
1961 JAN	TRD	(22.98)	(80.59)	(3.1)	(10)	1	2	4	Corralillo
1961 JAN 21	11:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 FEB 03	14:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 FEB 12	20:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 MAR 07	17:30	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 APR 02	21:45	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 APR 03	02:10	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1961 APR 18	00:20	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1961 AUG 01	08:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1961 AUG 01	22:50	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1962 FEB 22	NCH	(20.34)	(74.50)	(3.2)	(15)	1	2	4	Baracoa
1962 FEB 22	05:10	(19.90)	(75.80)	(4.7)	(10)	1	2	6	Santiago de Cuba
1962 APR 20	05:20	(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1962 APR 23	05:50	(20.34)	(74.50)	(4.0)	(15)	1	2	5	Baracoa
1962 JUN 22	00:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1962 JUN 24		(22.71)	(83.06)	-	-	1	1	?	San Cristóbal
1962 JUL 19	MNN	(20.40)	(77.11)	(2.5)	(10)	1	2	3	Manzanillo
1962 JUL 19	10:17	(20.52)	(77.20)	(4.9)	(20)	4	4	6	Manzanillo
1962 AUG 18	10:20	(20.00)	(76.30)	(4.5)	(25)	3	4	5	Santiago de Cuba

Macrosísmica de Cuba ..., Chuy, 1999

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1962 SEP 30		(20.13)	(75.22)	(2.8)	(15)	1	2	3	Guantánamo
1962 NOV	04:40	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1963 JAN	MNN	(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1963 APR 17	08:15	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1963 APR 19	11:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 APR 20	12:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 MAY 03	12:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1963 MAY 03	13:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 MAY 12	00:40	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 MAY 12	02:00	(20.02)	(75.84)	-	-	1	1	?	Santiago de Cuba
1963 MAY 12	06:00	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1963 MAY 17	08:15	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 MAY 20	12:00	(20.02)	(75.84)	(2.8)	(15)	1	2	3	Santiago de Cuba
1963 AUG 26	NCH	(22.48)	(79.55)	(2.8)	(10)	1	2	3	Remedios
1964		(21.94)	(78.43)	(3.1)	(10)	1	2	4	CAI Iro de Enero
1964		(22.16)	(83.84)	(3.3)	(15)	1	2	4	Punta de Cartas
1964 MAR 27	NCH	(22.07)	(81.04)	(3.7)	(10)	1	2	5	Girón
1964 JAN 03	06:16	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1965		(22.78)	(83.45)	-	-	1	1	?	Cajalbana
1966		(22.64)	(80.28)	(3.0)	(10)	1	2	3.5	Bermeja
1966	NCH	(20.66)	(75.27)	(2.7)	(10)	2	2	4	Cayo Mambí
1966 JUL 29	15:00	(22.31)	(79.24)	(2.8)	(10)	1	2	3	Yaguajay
1966 JUL 29	NCH	(22.31)	(79.24)	(3.1)	(10)	1	2	4	Yaguajay
1966 DEC	NCH	(21.27)	(78.15)	(2.4)	(10)	3	4	3	Vertientes
1967 FEB 16	05:01	(20.58)	(75.26)	(2.4)	(10)	1	2	3	Sagua de Tanamo
1967 FEB 16	05:02	(20.58)	(75.26)	(2.6)	(10)	1	2	4	Sagua de Tanamo
1967 FEB 16	05:03	(20.58)	(75.26)	(2.4)	(10)	1	2	3	Sagua de Tanamo
1967 FEB 17	01:05	(20.58)	(75.26)	(2.4)	(10)	1	2	3	Sagua de Tanamo
1967 MAR 19	00:35	(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1967 JUN 04	06:16	(19.90)	(75.80)	(4.3)	(20)	1	2	5	Santiago de Cuba
1967 SEP 19	NCH	(20.91)	(77.29)	(3.0)	(10)	1	2	3	Jobabo
1967 SEP 20		(19.90)	(75.80)	(4.1)	(20)	1	2	5	Santiago de Cuba
1967 DEC		(20.13)	(75.22)	(2.6)	(10)	1	2	4	Guantánamo
1968		(20.13)	(75.22)	(2.4)	(10)	1	2	3	Guantánamo
1968		(22.98)	(80.59)	(3.1)	(10)	1	2	4	Corralillo
1968 APR 28	02:46:31.0	19.51	75.17	/2.1/	45	1	2	4	Santiago de Cuba
1968 JUN 05		(20.02)	(75.84)	(3.2)	(15)	1	2	4	Santiago de Cuba
1968 SEP 17	17:51:56.6	20.00	75.96	/1.3/	27	1	2	4	Santiago de Cuba
1968 OCT 11	02:38:24.0	19.88	75.92	/3.3/	48			6	Santiago de Cuba
		(20.00)	(75.85)	(4.8)	(25)	4	5		
1969	MNN	(21.98)	(78.25)	(3.1)	(10)	1	2	4	Miraflores
1969 FEB 16	23:07:22.0	19.85	75.90	/3.3/	23	1	2	5.5	Santiago de Cuba
1969 JUN	03:00	(22.14)	(78.98)	(3.1)	(10)	1	3	4	Florencia
1969 DEC	NCH	(22.18)	(78.98)	(3.1)	(10)	1	3	4	Mabuya
1970	MNN	(20.67)	(76.89)	(2.9)	(10)	1	2	3.5	Vado del Yeso
1970 APR 27	11:55	(23.05)	(81.58)	(3.1)	(10)	1	2	4	Matanzas
1970 MAY 28	07:18:14.0	(19.75)	(76.25)	(3.4)	-	1	2	3	Santiago de Cuba
1970 MAY 29	19:15:47.0	19.75	76.25	(3.5)	70	1	2	3	Santiago de Cuba
1970 JUL 24	TRD	(22.90)	(83.16)	(3.0)	(20)	1	2	3.5	Bahia Honda
1970 OCT 16	13:07:22.0	23.10	82.90	(3.6)	(10)	1	2	3	Bahia Honda
1970 NOV 11	14:24:47.0	21.90	79.50	(3.2)	-			4	Sancti Spíritus
		(21.90)	(79.38)	(2.9)	(10)	3	5		

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1971 JUL 26	15:26:49.0	21.93 (21.92)	79.13 (79.08)	(3.3) (3.0)	- (10)		3 5	4.5	Purialito
1971 SEP 19	21:45:28.0	19.93 (21.93)	75.85 (84.47)	(3.6) -	28 -	1 1	2 1	4 ?	Santiago de Cuba La Bajada
1972	20:00	(21.08)	(76.28)	(2.3)	(10)	1	3	3	Velazco
1972 JAN 27	20:27:41.0	19.90	75.80	(3.2)	10	1	2	4	Santiago de Cuba
1972 JUN 27	00:12	21.90 (21.81)	78.10 (78.09)	(3.0)	(5)	5	5	5	Esmeralda
1972 DEC 26	18:14:57.0	19.85	75.15	(4.0)	82	1	2	4	Santiago de Cuba
1972 DEC 27	11:21:05.0	19.90	75.53	(3.2)	29	1	2	4	Santiago de Cuba
1973		(22.66)	(83.58)	(2.8)	(20)	1	2	3	San Andrés
1973 JAN 09	08:29:24.5	19.80	76.10	(3.4)	-	1	2	4	Santiago de Cuba
1973 MAY 20	03:00:09.3	19.75	75.52	/3.8/	29	1	2	4	Santiago de Cuba
1973 AUG 07	00:00	(21.55)	(77.27)	(2.8)	-	1	2	3	Nuevitas
1974		(22.70)	(81.20)	(3.4)	(18)	1	2	4	La Isabel
1974 JAN 14	03:12:57.0	19.85	75.63	(3.5)	21	1	2	4	Santiago de Cuba
1974 APR 08	03:18:11.0	21.80 (21.85)	78.01 (78.05)	(4.5) (4.0)	- (5)		4 5	6	Esmeralda
1974 JUN 27	13:22:47.0	21.84 (21.70)	79.34 (79.20)	- (2.8)	- (10)		1 4	3	El Jibaro
1974 AUG 28	04:01:41.5	(21.85)	(78.12)	(4.0)		1	2	4.5	Esmeralda
1974 OCT 13	05:03	(21.85)	(78.12)	/2.1/		1	2	4	Esmeralda
1974 NOV 05	06:35	(21.97)	(78.20)	(3.7)	(10)	3	4	5	Esmeralda-CAI Bolivia
1975		(21.08)	(76.28)	(2.5)	(10)	1	2	4	Velazco
1975		(22.70)	(79.69)	(3.1)	(10)	1	2	4	El Santo
1975 JUL 20	07:48:01.5	19.60	75.03	(3.3)	74	1	3	5	Guantánamo-Baracoa
1975 NOV		(20.54)	(76.83)	(2.4)	(10)	1	2	3	Cauto Embarcadero
1976	NCH	(22.55)	(79.72)	(2.8)	(10)	1	3	3	Refugio-VAlta-Vueltas
1976 JAN 05	01:19:56.0	(20.02)	(75.84)	(3.1)	-	1	1	?	Santiago de Cuba
1976 FEB 19	13:59:59.0	19.87 (19.87)	76.87 (77.20)	5.7 (6.0)	15 (15)		4 5	8	Pilón
1976 MAR 09	16:05	(22.65)	(83.01)	(2.7)	(15)	1	2	3	CAI José Martí
1976 MAR 10	15:40	(22.65)	(83.01)	(2.7)	(15)	1	2	3	CAI José Martí
1976 MAR 15	18:50	(22.65)	(83.01)	(2.7)	(15)	1	2	3	CAI José Martí
1976 APR 19	13:52:31.0	(20.96)	(76.95)	(3.1)	(10)	1	2	4	Tunas
1976 AUG 19	01:58:11.0	(19.91)	(77.33)	(2.8)		1	2	4	Pilón
1976 OCT 20	08:15	(22.32)	(79.45)	(3.1)	(10)	3	4	4	Zulueta
1976 OCT 24	02:15	(21.95)	(79.90)	(3.5)	(10)	3	4	5.5	La Felicidad
1976 NOV		(22.00)	(79.37)	(3.0)	(5)	1	2	4	Zaza del Medio
1976 DEC 06	03:22:54.5	19.70	75.50	(3.5)	-	1	2	4	Santiago de Cuba
1976 DEC 06	03:50:46.0	19.80	75.60	(3.2)	-	1	2	3	Santiago de Cuba
1976 DEC 09	22:48:15.0	19.95	76.20	(3.5)	-	1	2	3	Santiago de Cuba
1976 DEC 28	19:41:03.5	19.84	75.50	(3.5)	29	1	2	3	Santiago de Cuba
1977	DIA	(22.68)	(80.15)	(2.8)	(10)	1	2	3	Amaro
1977 FEB 11	01:15	(21.85)	(78.12)	(3.0)	(5)	1	2	4	Esmeralda
1977 JUN 30	06:11:19.0	19.80	75.60	(3.3)	33	1	1	?	Sigua
1978		(23.05)	(81.58)	(2.5)	(10)	1	2	3	Matanzas
1978	10:00	(22.24)	(83.58)	(3.1)	(10)	1	2	4	La Coloma
1978	16:00	(22.05)	(83.99)	(2.9)	(18)	1	2	3	Cortes
1978	TRD	(22.66)	(83.95)	(3.2)	(20)	1	2	3.5	Santa Lucia

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1978 SEP	01:45	(21.08)	(76.28)			1	2	4	Velazco
1978 SEP 14	20:35	(21.90)	(82.80)	(3.1)	(10)	1	2	3	Nueva Gerona
1978 NOV 13	07:43:13.0	19.85 (19.90)	76.02 (76.08)	4.7 (4.8)	0 (15)		4	5	Santiago de Cuba
1979	15:00	(20.40)	(77.11)	(3.1)	(10)	1	2	4	Manzanillo
1979	NCH	(22.64)	(79.75)	(3.1)	(10)	1	2	4	Vega Redonda
1979 MAY 18	17:01:40.0	20.22	75.93	(3.7)	5	1	2	5	Santiago de Cuba
1979 AUG 27	23:03:08.0	20.38	74.45	(3.9)	25	1	2	3	Baracoa
1979 SEP 05	21:05:36.2	20.06	74.90	[2.1]	2	1	2	4	Guantánamo
1979 NOV 19	06:00	(22.48)	(79.55)	(3.1)	(10)	1	2	4	Remedios
1980 FEB 08	20:38:50.2	19.58	75.56	4.2	53	1	3	4	Santiago de Cuba
1980 MAR 11	03:57:07.6	21.28 (21.13)	76.48 (76.57)	(3.9) (3.0)	12.5 (10)		3	5	Puerto Padre
1980 JUL 31	06:17:55.0	20.42	74.10	(3.1)	7.5	1	2	4	La Maquina
1980 AUG 03	21:59:42.4	19.93	75.50	(3.3)	15	1	1	?	Santiago de Cuba
1980 OCT 18		(22.60)	(83.71)	(2.7)	(20)	1	2	3	Viñales
1980 OCT 24		(22.60)	(83.71)	(2.7)	(20)	1	2	3	Viñales
1980 OCT 25		(22.60)	(83.71)	(2.7)	(20)	1	2	3	Viñales
1980 NOV		(20.34)	(74.50)	(2.6)	(10)	1	2	3	Baracoa
1981	18:15	(20.66)	(76.03)	(2.8)	(10)	1	2	3.5	Cueto
1981		(22.90)	(83.16)	(2.8)	(15)	1	2	3	Bahia Honda
1981 FEB 01	01:22:45.9	19.84	75.59	(3.0)	25	1	1	?	Santiago de Cuba
1981 FEB 15	05:31:07.0	19.97	76.24	(2.7)	17.5	1	1	?	Santiago de Cuba
1981 MAY 24	19:25:39.0	19.93	75.48	(3.3)	30	1	2	4	Santiago de Cuba
1981 JUN 09	23:03	(22.28)	(83.84)	(3.0)	(15)	1	2	3.5	San Juan Martínez
1981 JUN 11	18:35	(22.25)	(83.45)	(3.7)	(10)	5	4	5	Alonso de Rojas
1981 JUL 05	22:10:07.8	20.03	75.94	(3.1)	2.5	1	2	3	Santiago de Cuba
1981 SEP 30	00:54	(22.35)	(83.57)	(3.1)	(10)	1	2	4	IPUEC J.L.Estevanell
1981 NOV 17	19:00:40.4	20.18	75.27	(2.3)	0	1	2	3	Guantánamo
1981 NOV 11	20:30	(22.16)	(84.10)	(3.9)	(15)	1	2	4	Isabel Rubio
1982		(21.97)	(84.15)	(2.9)	(18)	1	2	3	Las Martinas
1982		(20.66)	(76.03)	(2.9)	(10)	1	2	4	Cueto
1982	19:00	(22.66)	(83.96)	(3.5)	(20)	1	2	4	Santa Lucia
1982 FEB 05	15:53:23.4	20.02	75.90	[2.4]	12.5	1	2	3.5	Santiago de Cuba
1982 MAR 10	09:36:50.0	19.86	75.46	(3.6)	22.5	1	2	4	Santiago de Cuba
1982 JUN 30	14:55:20.4	19.77	75.31	(3.0)	12.5	1	2	4	Santiago de Cuba
1982 NOV	(22.59)	(81.24)	(2.8)	(20)		1	2	3	La Yuca-Torriente
1982 DEC 16	20:20:17.0	22.61 (22.60)	81.23 (81.40)	5.0 (4.8)	30 (22)		4	5	Torriente-J.Grande
1983 JAN 21	21:00	(22.91)	(80.05)	(2.9)	(10)	1	3	3.5	S.Grande-Isbla.-Fnlet
1983 JAN 22	00:41:16.0	23.22 (22.77)	79.72 (80.05)	- (2.9)	- (10)		5	5	S.Grande-Stto.-Viana
1983 FEB		(20.66)	(76.03)	(2.6)	(10)	1	2	3	Cueto
1983 OCT	NCH	(20.66)	(75.85)	(2.8)	(10)	1	2	3.5	Mayarí-Cueto
1983 DEC 01	00:09:18.7	19.95 (19.97)	75.89 (75.87)	3.6 (3.8)	17 (15)		5	5	Mar Verde
1983 DEC 14	03:09:56.1	20.01	76.02	(3.3)	20	1	2	4	Santiago de Cuba
1984 JAN	MDA	(22.60)	(83.71)	(2.9)	(20)	1	2	3.5	Viñales
1984 JAN	MNN	(22.60)	(83.71)	(2.7)	(20)	1	2	3	Viñales
1984 FEB 23	14:56:49.4	19.91 (20.05)	75.41 (75.70)	(2.8) (3.0)	10 (15)		5	5	Los Pataos

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1984 APR 02	06:37:15.9	19.92 (20.10)	76.89 (76.80)	(3.6) (4.3)	20 (20)	5	5	5	Caña Brava
1984 APR 02	10:15:55.5	19.99 (19.90)	76.76 (76.92)	(2.7) (3.7)	12.5 (20)	5	5	4	Ocujal del Turquino
1984 APR 02	19:58:18.3	19.92	76.79	(2.4)	15	1	1	3.5	Las Mercedes
1984 APR 21	07:11:01.9	19.96 (20.10)	74.19 (74.16)	(3.2) (3.2)	22.5 (20)	5	5	4	El Diamante
1984 APR 25	01:34:35.0	19.72	77.82	(3.4)	20	1	1	3.5	Pilón
1984 MAY 03	17:47:10.8	19.82 (19.93)	75.50 (75.28)	(3.4) (4.0)	17.5 (18)	5	5	5	Caimanera
1984 MAY 05	13:22:29.8	19.85 (19.95)	75.84 (75.85)	(3.6) (3.2)	12.5 (15)	5	5	4	Aeropuerto A Maceo
1984 MAY 16	02:50:37.0	22.85 (22.93)	79.90 (80.50)	[2.6] (3.4)	7.5 (15)	5	5	4.5	San Vicente
1984 AUG 20	02:37:44.9	19.92 (20.14)	76.47 (76.50)	(3.4) (4.1)	17.5 (22)	5	5	5	Chivirico
1984 AUG 30	00:26:27.3	19.95 (20.03)	76.89 (77.00)	(2.2) (2.2)	7.5 (5)	5	5	4	San Lorenzo
1984 OCT 21	11:48:12.4	19.93	75.79 (75.59)	(3.0) (3.0)	12.5 (15)	5	5	4	El Oasis
1984 OCT 23	14:55:49.7	19.97 (19.97)	76.01 (75.72)	(2.8) (3.0)	12.5 (10)	5	5	4	Santiago de Cuba
1984 OCT 27	05:51:29.1	20.09 (20.05)	76.10 (76.12)	(3.4) (4.4)	12.5 (15)	5	5	6	Aserradero
1984 NOV 07	07:42:22.0	(22.51)	(79.47)	(2.6)	-	1	1	3	Caibarien
1984 DEC 26	03:50:10.0	20.07	77.12	(2.3)	20	1	1	3	Las Mercedes
1984 DEC 31	22:45:29.0	19.90	77.01	(3.3)	12.5	1	1	4	Las Mercedes
1985 JAN 12	07:45:22.0	21.83 (21.88)	80.29 (79.94)	(2.9) (3.3)	(15) (10)	5	5	4.5	Topes de Collantes
1985 JAN 24	21:59:30.7	19.86 (19.95)	75.87 (75.70)	(3.4) (3.2)	17.5 (15)	5	5	4.5	Juraguá
1985 FEB	TRD	(22.60)	(83.71)	(3.3)	(20)	1	1	4	Viñales
1985 MAY 01	15:06:45.1	19.75 (19.81)	75.78 (75.65)	(3.5) (3.2)	15 (15)	5	5	4	Berraco
1985 MAY 19	13:04:16.7	19.97 (19.97)	75.43 (75.50)	(2.6) (3.1)	17.5 (15)	5	5	4	Baconao
1985 JUN 21	02:51:48.4	19.95 (19.93)	75.70 (75.65)	(2.8) (3.0)	27.5 (15)	5	5	4	El Oasis
1985 JUL 24	21:19:51.3	18.97	74.93	(3.9)	10	1	1	3	Rio Carpintero
1985 AUG 24	01:43:01.0	19.79	75.53	(2.9)	30	1	1	3	Rio Carpintero
1985 SEP 01	01:01:00.2	19.86 (19.95)	75.39 (75.80)	(4.4) (4.5)	37.5 (20)	5	5	5	Baconao
1985 SEP 02	08:56:15.4	20.00	75.24	(2.8)	10	2	3	4	Baconao
1985 NOV 04	04:26:19.0	19.86	75.57	(3.0)	10	1	3	3	Baconao
1985 NOV 08	03:33:55.5	19.96 (19.90)	75.90 (75.45)	(4.0) (4.0)	22.5 (20)	5	5	5	Caimanera
1985 NOV 14	17:35:25.1	19.87 (19.80)	75.93 (75.85)	(3.4) (3.4)	22.5 (20)	5	5	3.5	Caletón Blanco
1985 DEC 01	15:19:02.6	19.78	75.55	(2.8)	17.5	1	2	3	Baconao
1985 DEC 05	08:49:32.5	20.15	75.23	(2.7)	7.5	1	2	3	Baconao
1985 DEC 22	12:33:21.0	19.81	75.80	(3.1)	15	1	1	?	Santiago de Cuba

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1986		(22.48)	(84.24)	(3.5)	(20)	1	2	4	Dimas
1986 JAN 07	21:47:11.4	19.80 (20.00)	75.68 (75.75)	(2.7) (2.8)	10 (10)		5	5	4 Siboney
1986 JAN 07	21:47:51.0	19.76 (19.80)	75.72 (75.72)	[2.8] (2.8)	10 (10)		3	5	3.5 El Oasis
1986 JUN 16	14:53:02.5	19.90 (20.00)	76.88 (77.10)	(2.7) (2.8)	5 (7)		3	5	4 San Lorenzo-M.Frío
1986 AUG 07	21:31:07.9	20.00	74.81	(3.3)	2.5	1	1	?	Macambo-Sabanalamar
1986 AUG 31	10:59:10.2	20.06 (20.05)	75.16 (75.40)	(3.4) (3.5)	15 (15)		5	5	4.5 Ramón de las Yaguas
1986 OCT 03	20:01:33.1	19.92 (19.87)	75.45 (75.45)	(3.1) (3.3)	25 (25)		3	5	4 Baconao
1986 OCT 08	04:51:46.0	22.22 22.19	78.70 78.90	(3.0) (3.0)	7.5 (5)		5	5	5 Chambas
1986 OCT 10	05:20:19.0	19.40	77.75	(2.1)	12.5	1	2	3	Cabo Cruz
1986 OCT 10	22:46:20.8	19.83	76.36	(3.4)	5	2	2	3	Chivirico
1986 NOV 02	14:14:07.2	19.87	75.64	(3.3)	17.5	2	3	3	M.Prehist.(Baconao)
1986 DEC 02	02:02:10.0	19.36	75.14	(2.5)	20	2	3	3	Baconao
1986 DEC 16	02:17:42.0	19.72 (19.95)	75.50 (75.50)	(3.2) (3.3)	20 (20)		5	5	4 Baconao
1987 FEB	TRD	(22.60)	(83.71)	(2.7)	(20)	1	2	3	Viñales
1987 FEB 03	22:12:11.2	19.88 (20.10)	76.74 (76.90)	(3.0) (3.0)	7.5 (15)		5	5	3.5 Frío Nagua-V.Jibacoa
1987 APR 07	22:48:24.5	19.88	76.59	[2.2]	10	2	3	3	Gabiroy Arriba
1987 APR 11	14:49:21.2	20.43 (20.33)	76.69 (76.56)	[3.3] (3.3)	7.5 (15)		5	5	4.5 Bayamo
1987 APR 15	00:11:02.0	19.88	75.70	[2.8]	7.5	1	1	?	Santiago de Cuba
1987 APR 25	17:48:42.6	20.41 (20.38)	76.65 (76.50)	(3.2) (3.3)	2.5 (15)		5	5	4.5 Bayamo
1987 APR 25	20:14:13.0	20.34 (20.35)	76.60 (76.55)	(2.7) (2.5)	2.5 (10)		5	5	3.5 Cca.Blanca-Casibacoa
1987 APR 25	23:49:22.0	20.37 (20.35)	76.61 (76.55)	(2.6) (2.8)	5 (15)		5	5	4 Cruce de Figueredo
1987 JUL 07	22:06:02.2	19.92 (19.92)	75.62 (75.54)	(3.4) (3.3)	25 (20)		5	5	4.5 Cazonal
1987 JUL 08	05:49:53.8	19.89 (19.92)	75.62 (75.50)	(3.3) (3.3)	25 (15)		5	5	4 Juraguá
1987 NOV 07	12:50:41.4	19.98 (19.95)	75.88 (75.82)	(3.7) (3.5)	17.5 (15)		5	5	4.5 Santiago de Cuba
1987 NOV 15	20:57:10.2	19.90 (20.01)	75.37 (75.60)	(3.3) (2.5)	15 (5)		5	5	4 Ramón de las Yaguas
1987 DEC 30	14:18:08.0	19.86	75.32	(3.1)	20	1	1	?	Ramón de las Yaguas
1988 JAN 04	10:33:30.0	22.32 (22.24)	78.94 (78.78)	(3.2) (2.9)	20 (15)		5	5	3.5 María
1988 JAN 05	02:24:13.5	19.87 (19.90)	75.43 (75.30)	(3.5) (4.0)	27.5 (20)		5	5	5 Playa Borrachos
1988 FEB 15	12:25:53.8	20.05 (20.05)	75.85 (75.85)	(3.0) (2.8)	17.5 (20)		5	5	3 Santiago de Cuba
1988 FEB 15	14:50:25.8	20.09 (20.00)	75.83 (75.80)	(2.4) (2.6)	15 (15)		5	5	3 Ciudamar

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1988 FEB 16	18:55:35.5	19.87 (19.91)	75.70 (75.48)	(2.6) (2.8)	25 (20)	5	5	3.5	Laguna Baconao
1988 MAR 20	22:17:10.6	19.86 (19.95)	75.52 (75.54)	(2.9) (3.3)	27.5 (20)	5	5	4	Cazonal
1988 MAR 27	09:12:14.2	20.43 (20.35)	76.73 (76.60)	(3.0) (3.2)	20 (15)	5	5	4	Bayamo
1988 MAR 29	20:28:50.1	20.42 (20.35)	76.72 (76.60)	(2.8) (3.0)	22.5 (15)	3	5	4	Horno Abajo
1988 MAY 31	06:39:45.0	19.92	76.93	(2.7)	10	1	2	3	Las Mercedes
1988 JUN	NCH	(22.65)	(83.01)	(2.7)	(15)	1	2	3	CAI José Martí
1988 JUN 24	21:51:46.6	19.96 (20.08)	76.89 (77.09)	(2.6) (2.6)	12.5 (10)	3	5	4	La Sierra
1988 JUL 04	05:27:21.2	19.83 (20.00)	75.65 (75.80)	(2.9) (3.2)	20 (20)	5	5	4	Las Guásimas
1988 JUL 04	05:31:53.0	19.83	75.65	(2.7)	20	1	2	2.5	Las Guásimas
1988 JUL 04	05:35:27.0	19.74 (19.74)	75.69 (75.69)	[3.4] (3.6)	20 (20)	3	5	4	Las Guásimas
1988 AUG 28	13:08:55.7	19.90	75.64	(2.6)	22.5	1	2	3	Berraco
1988 SEP	NCH	(22.70)	(83.71)	(2.7)	(15)	1	2	3	CAI José Martí
1988 NOV 12	03:34:48.0	18.16	76.74	(4.6)	33	5	3	4	Pilón
1988 NOV 14	21:44:37.8	21.15 (21.13)	76.07 (76.07)	(2.8) (2.8)	12.5 (10)	3	5	4	Palmarito
1988 DEC 04	03:34:53.4	19.83 (19.83)	74.82 (74.56)	(3.6) (3.4)	33 (17)	5	5	5	Imias
1988 DEC 10	19:13:46.0	19.86 (19.80)	75.20 (75.40)	(3.5) (3.4)	10 (10)	3	5	4	Baconao
1988 DEC 18	12:26:08.0	19.57	77.86	[3.0]	30	1	3	3	Pilón
1988 DEC 18	15:03:54.0	19.44	77.95	(2.4)	30	1	3	3	Pilón
1989 FEB 12	14:26:45.6	19.71 (19.82)	74.32 (74.74)	(4.4) (4.4)	20 (20)	5	5	4.5	Imias
1989 FEB 15	12:28:49.2	19.69 (19.68)	77.97 (77.82)	(3.5) (3.5)	10 (10)	5	5	4	Cabo Cruz
1989 MAR 01	22:30:18.8	19.78 (19.75)	75.58 (75.42)	(3.0) (3.0)	10 (10)	5	5	3	Baconao
1989 MAR 06	07:41:38.4	19.77 (19.87)	76.20 (76.05)	(2.6) (2.9)	15 (15)	5	5	3.5	Aserradero
1989 MAR 27	00:46:17.2	19.93 (19.95)	75.40 (75.54)	(2.7) (3.2)	20 (15)	5	5	4	Baconao
1989 APR 14	03:03:01.0	19.86 (19.93)	76.90 (76.87)	(3.1) (3.3)	7.5 (10)	5	5	4.5	Ocujal del Turquino
1989 MAY 08	21:28:39.2	20.00 (20.00)	76.18 (76.18)	(2.9) (2.9)	5 (10)	5	5	4	Aserradero
1989 JUN 21	01:47:45.2	19.82 (19.90)	75.40 (75.32)	(3.1) (3.4)	15 (15)	5	5	4	Hatibonico
1989 JUL 01	21:06:01.8	19.94 (19.90)	75.97 (75.87)	(3.2) (3.0)	12.5 (15)	5	5	3.5	Mar Verde
1989JUL01	21:11:47.0	19.88 (19.85)	75.98 (75.90)	(3.0) (2.8)	12.5 (15)	3	5	3	Mar Verde
1989 JUL 02	04:41:53.8	19.82 (19.90)	75.92 (76.10)	(3.5) (3.8)	20 (15)	5	5	4.5	Mar Verde
1989 JUL 02	06:24:27.4	19.80 (19.90)	75.95 (76.00)	(3.1) (3.1)	20 (15)	5	5	3.5	Mar Verde

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1989 JUL 02	18:01:36.5	19.83 (19.83)	76.17 (76.17)	(3.5) (3.2)	15 (15)		5 5	4.0	Aserradero
1989 JUL 02	18:18:42.0	19.65 (19.93)	76.13 (76.18)	(3.4) (3.7)	20 (18)		5 5	4.0	Aserradero
1989 JUL 02	21:17:05.5	19.65 (19.81)	76.13 (76.20)	(3.3) (3.3)	20 (15)		5 5	4	Aserradero
1989 JUL 10	15:21:52.2	19.87 (19.93)	75.94 (76.00)	(3.6) (3.5)	20 (15)		5 5	4	Mar Verde
1989 JUL 10	17:36:37.0	19.93 (19.93)	76.00 (76.00)	(3.1) (3.1)	10 (10)		5 5	4	Mar Verde
1989 JUL 19	23:01:32.6	19.93 (19.98)	76.05 (77.91)	(3.4) (3.5)	15 (15)		5 5	4	Santiago de Cuba
1989 AUG 06	07:39:14.7	19.84 (19.90)	75.74 (75.55)	(3.3) (3.6)	15 (15)		5 5	4.5	Siboney
1989 SEP 27	09:35:01.0	19.87 (19.87)	75.45 (75.50)	(2.8) (2.8)	17.5 (20)		5 5	3.5	Baconao
1989 OCT 09	20:18:37.2	19.72 (19.82)	75.87 (75.91)	(3.0) (2.8)	20 (15)		5 5	3	Mar Verde
1989 OCT 31	20:01:32.1	19.43 (19.90)	75.80 (75.55)	(3.5) (3.5)	20 (20)		5 5	4.5	Siboney
1990 JAN 06	16:08:23.9	19.75 (19.75)	77.11 (77.11)	(4.0) (4.3)	20 (20)		5 5	4.5	Marea de Portillo
1990 JAN 12	10:35:43.6	19.87 (19.90)	76.06 (76.05)	(3.1) (3.0)	20 (23)		5 5	3	Caleton Blanco
1990 FEB 11	22:03:04.9	19.84 (19.84)	75.76 (75.75)	(2.9) (2.9)	12.5 (15)		5 5	3	Siboney
1990 ABR 29	18:12:07.0	19.82 (19.75))	73.84 (73.84)	(4.0) (4.0)	10 (10)		5 5	3.5	Cajobabo
1990 MAY 17	23:30:38.0	19.89 (19.89)	75.52 (75.47)	(2.9) (2.9)	30 (15)		5 5	4	Sigua
1990 MAY 22	20:35:40.4	19.94 (19.98)	76.03 (76.04)	(4.8) (4.9)	15 (15)		4 5	6	Santiago de Cuba
1990 JUN 02	23:54:18.4	23.11 (22.74)	80.17 (79.98)	(3.3) (3.0)	10 (10)		5 5	4.5	La Rosita
1990 JUN 06	10:54:55.2	19.88 (19.88)	75.36 (75.36)	(3.3) (3.3)	32.5 (20)		5 5	4	Baconao
1990 AUG 16	18:06:59.5	19.74 (19.78)	75.78 (75.78)	(2.7) (2.7)	15 (10)		3 5	3	Siboney
1990 AUG 26	07:53:44.4	19.73 (19.60)	77.90 (78.20)	(4.7) (5.0)	5 (30)		5 5	5	Cabo Cruz
1990 SEP 04	08:03:03.7	19.86 (19.94)	75.82 (75.86)	(4.5) (3.5)	30 (25)		4 5	6	Santiago de Cuba
1990 OCT 03	10:05:41.9	19.89 (20.00)	75.57 (75.75)	(3.1) (3.5)	27.5 (20)		5 5	4	Siboney
1990 OCT 04	09:25:17.3	19.85 (19.90)	75.97 (75.93)	(2.9) (2.9)	10 (10)		5 5	3.5	Mar Verde
1990 OCT 30	06:22:55.0	19.95 (20.00)	75.43 (75.60)	(3.1) (3.2)	10 (15)		5 5	4	Sigua
1990 OCT 30	12:34:24.3	19.80 (19.95)	75.87 (75.98)	(4.0) (4.0)	20 (15)		5 5	5.0	Mar Verde
1990 OCT 31	03:31:11.8	19.69 (19.90)	75.78 (75.95)	(3.8) (4.2)	17.5 (15)		5 5	5	Mar Verde

FECHA	HORA (UT)	LAT. N	LON. W	M	H	F	P	I	LOCALIDADES
DATE	TIME (UT)	LAT.N	LON. W	M	H	F	P	I	LOCALITIES
1990 NOV 25	19:42:36.8	19.77 (19.77)	75.73 (75.97)	(2.9) (2.9)	7.5 (10)	3	5	3	Siboney
1990 DEC 11	03:08:08.6	19.87 (19.85)	75.68 (75.70)	(3.3) (3.1)	17.5 (20)	5	5	3.5	Juraguá
1990 DEC 21	07:46:21.3	19.88 (19.88)	75.93 (75.93)	(3.0) (3.0)	20 (20)	5	5	3.5	Mar Verde