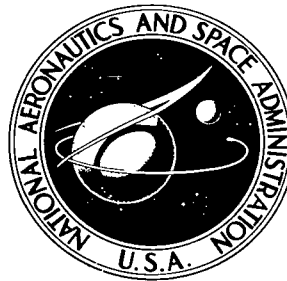


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PROVISIONAL HOURLY VALUES OF EQUATORIAL Dst FOR 1964, 1965, 1966, AND 1967

by Masahisa Sugiura and Shirley Cain

Goddard Space Flight Center

Greenbelt, Md. 20771



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by
Masahisa Sugiura and Shirley Cain
Goddard Space Flight Center

INTRODUCTION

Hourly values of equatorial Storm Time Variation (Dst) provide an index of magnetic activity as a function of universal time (UT). To a first approximation, Dst represents the diamagnetic effect of transient plasmas which are either injected into the magnetosphere or brought into existence by energization of the magnetospheric plasmas. The effect is such as to decrease Dst level. To a certain extent, Dst reflects responses of the magnetosphere to varying solar-wind pressure on its boundary; increases in the solar-wind pressure result in corresponding increases in Dst values.

The present report is a sequel to two previous publications which gave hourly Dst values for the International Geophysical Year, July 1957 to December 1958 (Sugiura, 1964), and for the years 1961, 1962, and 1963 (Sugiura and Hendricks, 1967). The method of derivation of Dst adopted here is described in these publications. The observatories used are the same as those for 1961-63, namely, Hermanus, San Juan, and Honolulu. The locations of these observatories are shown in Table 1.

Table 1 - Coordinates of the observatories used.

Observatory	Geographic		Geomagnetic dipole latitude
	Latitude	Longitude	
Hermanus	-34.4°	19.2°E	-33.7°
Honolulu	21.3°	201.9°	21.1°
San Juan	18.4°	293.9°	29.9°

THE REFERENCE LEVEL

To insure a continuity of Dst over many years, its reference level has been assigned with special care. In deriving Dst for 1962 and 1963 (Sugiura and Hendricks, 1967) the reference level for each observatory was defined in a manner which took into account the secular variation. For each observatory, the reference level

was expressed by a power series in time, and the coefficients for terms up to the quadratic were determined by the method of least squares using annual means of 10 quiet days.

In the present determination of Dst for 1964, 1965, 1966, and 1967, the 1962-63 coefficients were used, and the reference level for each observatory was simply extrapolated from the power series. A comparison of the calculated and observed reference levels of H up through 1963 was shown in the previous report (Sugiura and Hendricks, 1967; Tables 2a, 2b, 2c). Here, a similar comparison is made in Table 2, which shows that the differences between the observed annual averages and the computed values for the mid-year points are more irregular than those for 1961-63. This point will be examined in the future when the secular change coefficients are updated.

REMOVAL OF THE QUIET DAILY MAGNETIC VARIATION S_q

The method adopted here for the removal of S_q is the same as that used previously (Sugiura and Hendricks, 1967).

FIGURES AND TABLES OF Dst FOR 1964, 1965, 1966, AND 1967

Hourly values of equatorial Dst for the years 1964, 1965, 1966, and 1967 are given in Table 3 and are presented graphically in Figures 1a, 1b, 1c, and 1d. In each of these figures, the ordinates for the upper and lower horizontal lines for each month are indicated below the graph in γ .

Table 2 - Comparison of observed and computed reference levels for H .

Station	Epoch	Observed* H	Computed H	Difference
Hermanus	1964.5	12,603 γ	12,616. γ	-13 γ
	1965.5	12,529	12,529.	0
	1966.5	12,444	12,455	-11
Honolulu	1964.5	28,043	28,045	- 2
	1965.5	28,022	28,014	8
	1966.5	27,998	27,978	20
San Juan	1964.5	27,672	27,670	2
	1965.5	27,662**	27,670	- 8
	1966.5	27,668**	27,669	- 1

*Annual mean of 10 quiet days.

**In 1965 the San Juan Observatory was moved from the old site at 18°23'N, 293°53'E to a new location at 18°06.8'N, 293°51.2'E. The move resulted in a decrease in the horizontal component by 110 γ . Since the formula expressing the secular variation refers to the old location, the hourly values obtained at the new site were adjusted to the old site by adding 110 γ . Likewise, the annual means of 10 quiet days listed above for 1965 and 1966 are observed annual means plus 110 γ .

ACKNOWLEDGMENTS

We wish to thank the Hermanus Magnetic Observatory and the Environmental Science Service Administration for making the data available. We are greatly indebted to the staff of the World Data Center-A for Geomagnetism for their invaluable assistance.

Goddard Space Flight Center
National Aeronautics and Space Administration
Greenbelt, Maryland, December 18, 1969
188-36-01-01-51

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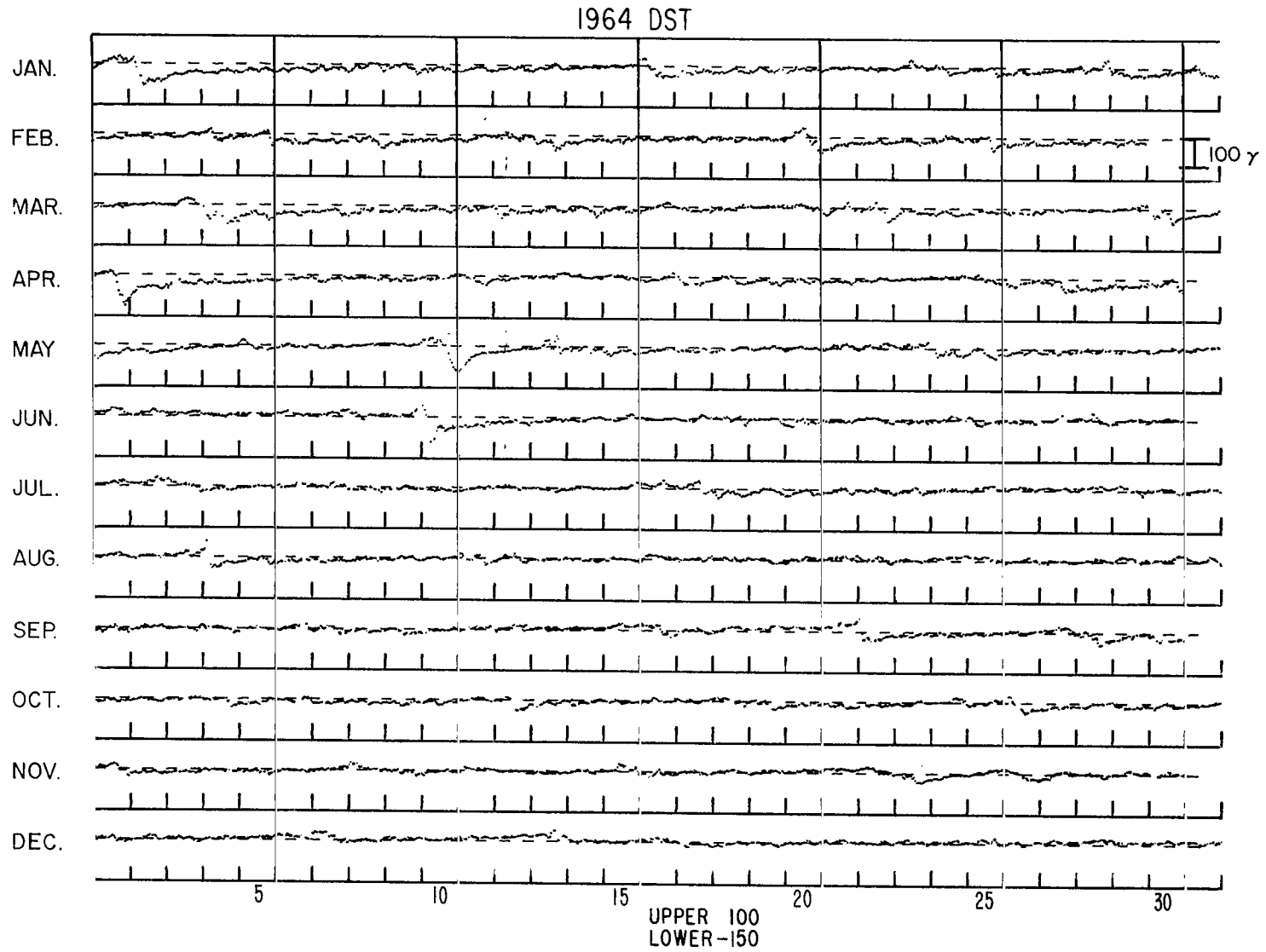


Figure 1(a)

1965 DST

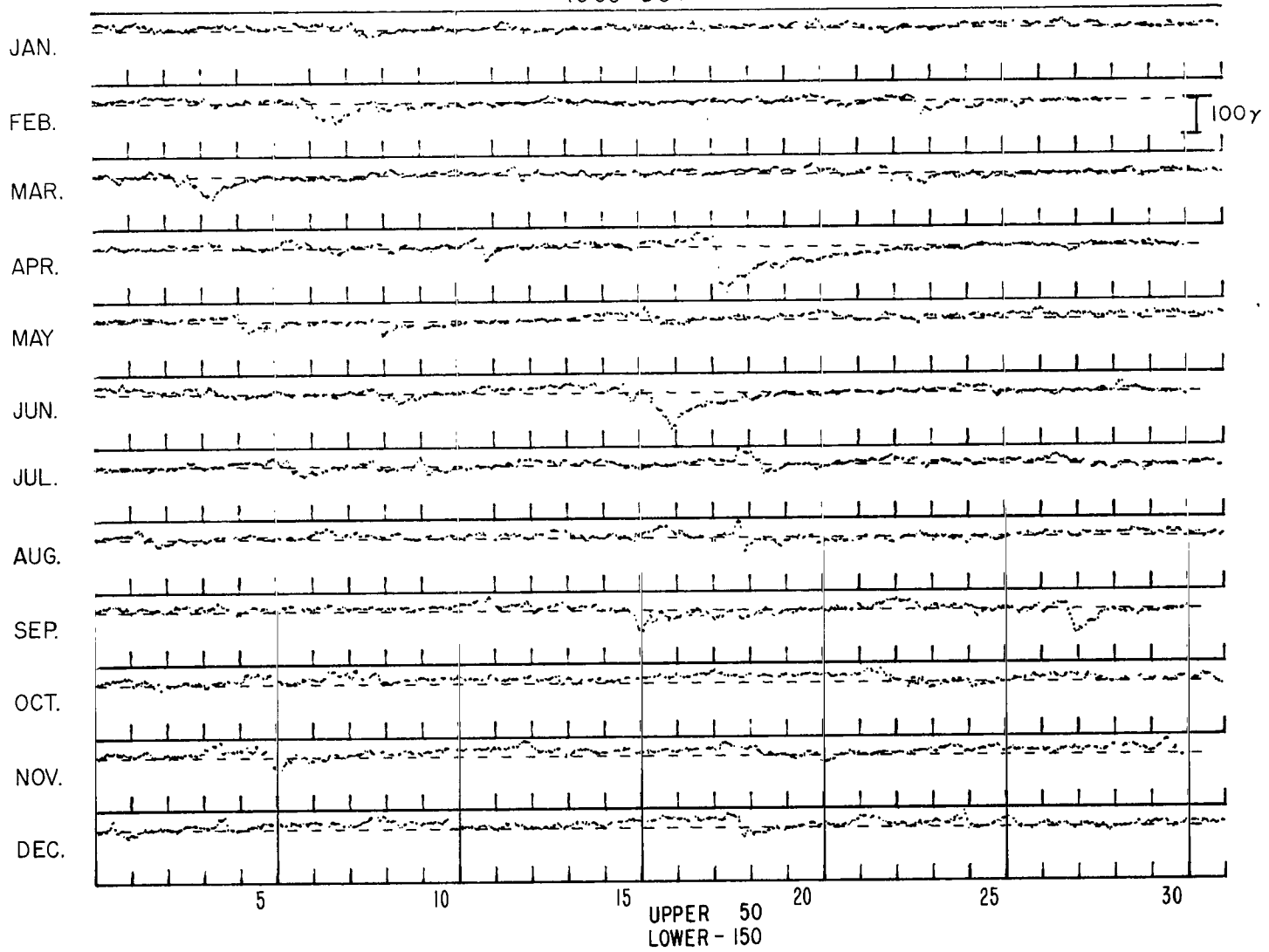


Figure 1(b)

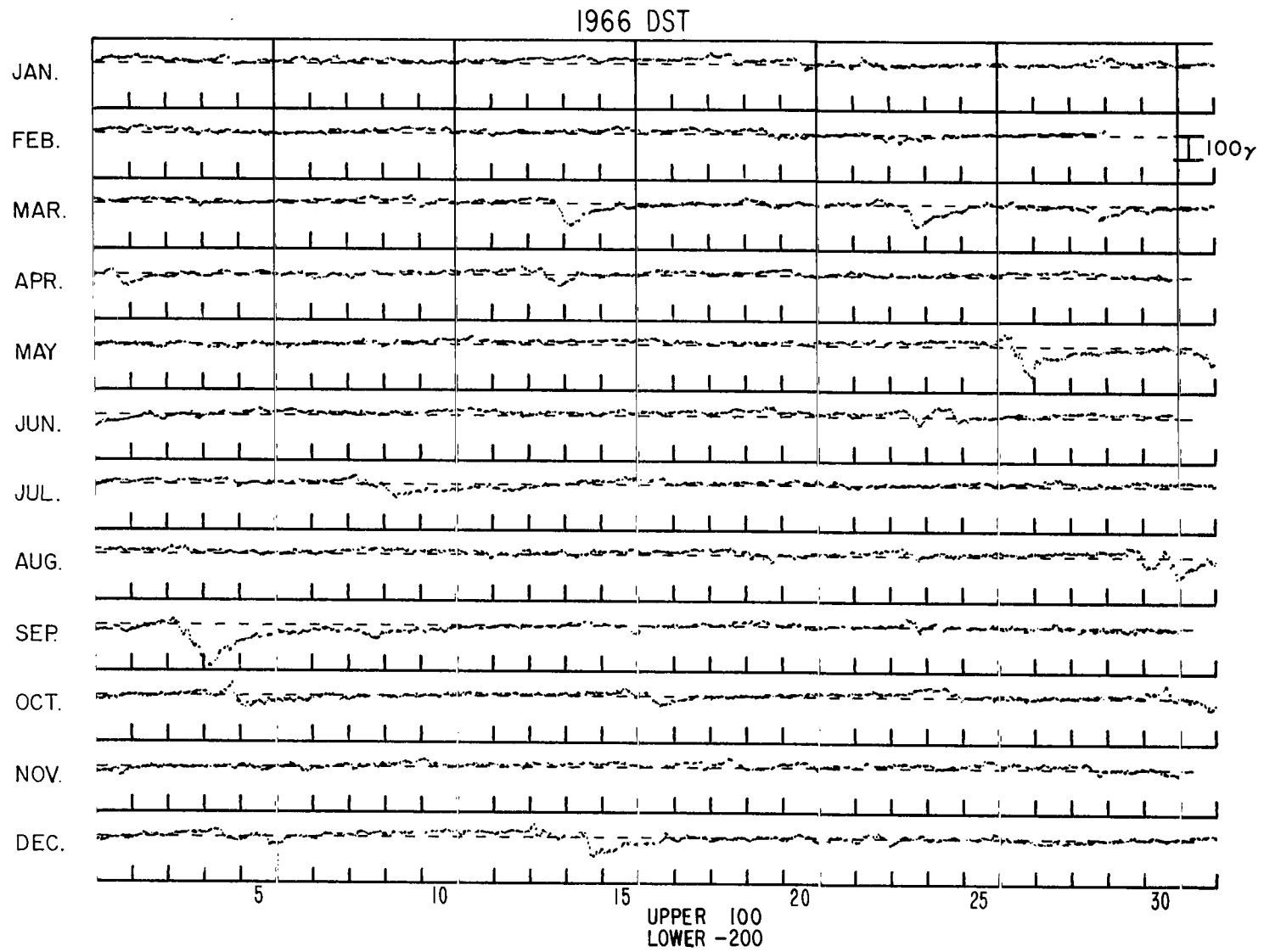


Figure 1(c)

1967 DST

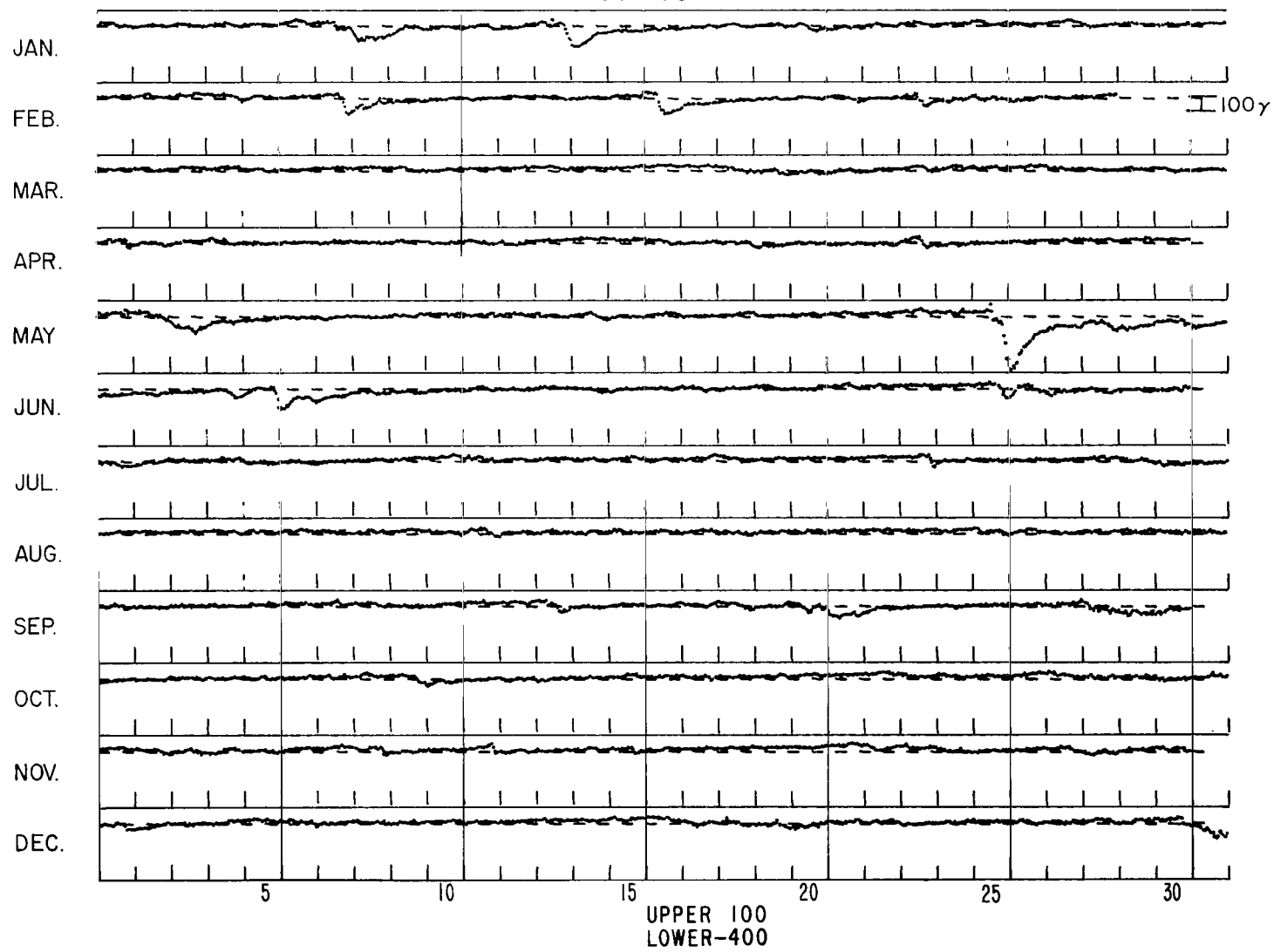


Figure 1(d)



Table 3 – Monthly tables of hourly Dst values for 1964, 1965, 1966, and 1967.

JANUARY 1964

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-14	-15	-13	-9	-4	-5	-0	7	7	7	9	13	17	18	23	18	14	23	28	19	10	17	14	8
2	8	10	17	19	3	-11	-40	-43	-43	-69	-73	-71	-63	-53	-57	-61	-66	-63	-55	-51	-55	-60	-57	-56
3	-54	-52	-46	-43	-43	-38	-34	-35	-37	-35	-38	-38	-36	-32	-34	-28	-27	-31	-28	-26	-24	-24	-24	-26
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6	-28	-29	-26	-21	-20	-16	-16	-17	-22	-24	-20	-18	-15	-14	-12	-11	-13	-11	-12	-16	-17	-19	-22	-23
7	-25	-24	-22	-19	-15	-13	-7	-1	-7	-17	-20	-19	-15	-17	-9	-8	-11	-12	-14	-13	-11	-12	-15	-20
8	-25	-24	-20	-16	-11	-4	-4	-7	-8	-12	-13	-11	-5	-3	3	7	7	5	4	3	4	-0	-12	-22
9	-25	-18	-4	-3	-12	-9	-6	-0	-1	-2	-5	-0	2	5	6	-3	-11	-10	-12	-15	-15	-25	-34	-27
10	-29	-19	-13	-13	-18	-22	-12	-15	-17	-14	-10	-7	-7	-7	-7	-12	-18	-14	-12	-12	-15	-21	-25	-22
11	-22	-20	-21	-20	-20	-19	-18	-18	-16	-13	-13	-12	-9	-7	-5	-4	-6	-5	-7	-10	-17	-17	-16	-20
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13	-19	-19	-20	-18	-15	-11	-9	-9	-8	-10	-12	-12	-10	-7	-4	3	8	7	2	-1	-5	-9	-12	-12
14	-11	-11	-11	-11	-9	-8	-6	-5	-6	-8	-9	-7	-3	-2	-3	-3	-4	-4	-3	-4	-5	-5	-6	-3
15	-3	-3	-4	-3	-3	-0	2	2	2	-2	-2	-1	-0	-5	-3	2	3	2	2	3	3	5	5	6
16	10	24	25	29	30	24	4	-5	-9	-10	-8	-30	-33	-26	-21	-36	-39	-36	-31	-32	-35	-36	-36	-34
17	-34	-35	-32	-21	-18	-14	-18	-21	-21	-23	-24	-27	-19	-16	-20	-19	-18	-16	-14	-13	-13	-14	-14	-16
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19	-19	-19	-16	-14	-14	-12	-8	-3	0	-1	-5	-8	-9	-13	-18	-13	-12	-16	-15	-10	-12	-7	-7	-11
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FEBRUARY 1964

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-27	-27	-24	-18	-15	-16	-17	-17	-18	-18	-18	-18	-16	-13	-11	-11	-14	-16	-18	-20	-15	-9	-9	-11
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MARCH 1964

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-14	-15	-13	-11	-11	-11	-10	-12	-11	-9	-9	-7	-8	-10	-9	-6	-5	-6	-11	-14	-13	-10	-7	-8
2	-6	-4	-5	-3	-3	-3	-3	-3	-4	-4	-3	-2	-1	-0	0	2	1	-1	-2	-2	-3	-2	-3	-4
3	-4	-2	-0	-2	-6	-9	-7	-2	3	7	11	14	15	21	23	19	18	15	15	13	3	-3	-0	3
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5	-57	-43	-37	-41	-40	-37	-36	-36	-27	-30	-25	-26	-30	-36	-38	-37	-32	-32	-39	-49	-55	-48	-49	-39
6	-33	-36	-34	-32	-34	-32	-27	-31	-29	-27	-25	-26	-27	-30	-33	-39	-39	-37	-29	-29	-30	-28	-26	-26
7	-26	-22	-29	-31	-31	-27	-25	-25	-23	-20	-16	-18	-19	-15	-16	-13	-15	-17	-23	-31	-38	-35	-33	-35
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13	-22	-20	-18	-15	-16	-16	-15	-19	-19	-16	-14	-8	-4	-2	-3	-4	-6	-8	-13	-15	-16	-18	-17	-17
14	-16	-11	-8	-11	-15	-13	-9	-5	-4	-2	-3	-2	-4	-6	-10	-16	-17	-17	-20	-24	-37	-30	-22	-18
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16	-13	-18	-16	-11	-12	-11	-9	-5	-4	-4	-2	-1	-1	1	3	8	11	16	13	12	11	6	4	4
17	7	-1	-8	-5	-4	-8	-6	-8	-11	-13	-15	-11	-10	-13	-14	-15	-12	-13	-11	-9	-8	-8	-12	-15
18	-16	-13	-3	-6	-4	-6	-5	-6	-8	-6	-6	-4	-5	-8	-10	-9	-7	-4	0	2	5	7	5	2
19	3	2	3	2	3	2	2	1	0	4	3	3	3	5	6	5	3	3	3	5	5	5	7	7
20	8	5	9	10	6	6	6	6	12	13	11	10	7	7	5	3	3	3	1	-11	-3	0	2	-3
21	-9	-11	-19	-24	-26	-24	-20	-14	-6	-4	-4	-1	-1	-1	-0	2	5	15	20	6	-4	-4	-9	-8
22	-6	-9	-11	-8	-5	-4	-3	3	5	-3	-1	3	17	20	3	-7	-3	-0	-13	-39	-49	-47	-43	-35
23	-35	-33	-29	-25	-16	-18	-15	-9	-6	-7	-11	-12	-8	-9	-12	-15	-17	-13	-18	-17	-19	-17	-16	-18
24	-20	-19	-21	-22	-23	-19	-19	-13	-10	-12	-9	-8	-12	-16	-18	-25	-24	-26	-24	-24	-22	-20	-20	-19
25	-19	-20	-19	-20	-19	-18	-15	-13	-10	-10	-8	-6	-7	-13	-14	-13	-10	-8	-11	-15	-16	-18	-12	-13
26	-14	-13	-14	-16	-16	-21	-17	-12	-15	-20	-21	-16	-13	-16	-17	-19	-18	-17	-18	-20	-19	-16	-12	-9
27	-11	-13	-13	-11	-10	-9	-7	-7	-6	-5	-3	-0	-1	-5	-8	-10	-9	-5	-6	-5	-3	-0	-2	-1
28	-1	-3	-5	-3	-3	-4	-3	-4	-5	-8	-7	-6	-4	-3	-5	-1	0	0	-2	-4	-5	-5	-5	-6
29	-5	-5	-4	-2	-1	1	1	3	4	2	-0	-0	3	2	3	5	7	7	5	8	15	13	11	13
30	12	10	4	-12	-23	-29	-24	-22	-27	-20	-6	1	-1	-12	-16	-32	-45	-51	-40	-37	-35	-32	-31	-29
31	-27	-28	-29	-29	-27	-25	-23	-21	-21	-22	-21	-21	-18	-19	-20	-22	-22	-20	-16	-14	-13	-14	-11	-7

APRIL 1954

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-5	-5	-5	-2	0	4	7	7	8	6	6	10	12	8	-0	-7	-29	-60	-74	-78	-101	-109	-95	-90
2	-82	-75	-66	-64	-59	-47	-48	-47	-45	-44	-46	-41	-39	-39	-42	-40	-39	-40	-45	-49	-48	-48	-49	-42
3	-39	-44	-40	-35	-29	-31	-30	-23	-19	-19	-27	-29	-25	-25	-30	-29	-29	-32	-33	-33	-30	-23	-19	-18
4	-19	-28	-30	-28	-28	-25	-27	-23	-18	-20	-24	-23	-24	-28	-29	-28	-29	-30	-28	-25	-23	-27	-28	-25
5	-24	-25	-25	-26	-24	-21	-22	-22	-22	-27	-23	-20	-19	-21	-22	-22	-20	-15	-11	-14	-19	-17	-16	-22
6	-20	-16	-17	-19	-18	-17	-16	-13	-13	-15	-13	-10	-10	-12	-13	-11	-9	-8	-10	-10	-10	-9	-7	-2
7	-4	-7	-12	-16	-19	-21	-23	-22	-20	-21	-18	-14	-13	-10	-13	-11	-9	-6	-7	-13	-18	-8	-7	-9
8	-8	-9	-9	-9	-11	-11	-9	-5	-0	-3	-9	-9	-6	-3	-5	-8	-9	-11	-12	-11	-15	-11	-8	-7
9	-6	-6	-11	-13	-17	-13	-13	-13	-11	-11	-19	-17	-10	-8	-12	-17	-17	-16	-17	-15	-12	-11	-10	-8
10	-8	-7	-6	-7	-10	-12	-12	-12	-11	-9	-7	-4	-5	-8	-10	-9	-9	-9	-9	-4	-1	0	2	8
11	7	5	5	6	5	2	-2	-4	-7	-12	-3	-5	-16	-17	-18	-20	-24	-27	-33	-30	-22	-19	-13	-10
12	-8	-8	-10	-10	-11	-13	-10	-11	-13	-13	-10	-6	-5	-7	-7	-5	-6	-8	-6	-3	-0	3	2	-3
13	-1	-4	-5	-2	-1	-1	1	0	1	3	3	4	1	-3	-7	-6	-2	3	7	10	10	13	12	12
14	10	9	9	7	5	5	5	6	7	6	1	-2	-3	-2	-3	-4	-5	-2	-0	-1	-2	-4	-4	-5
15	-3	3	3	5	5	6	7	5	2	1	3	3	7	3	-3	-6	-8	-7	-1	0	-1	-5	-7	-4
16	-7	-10	-9	-12	-14	-15	-15	-10	-9	-10	-10	-5	-9	-9	-3	-2	-4	-8	-6	-1	5	12	17	16
17	15	8	3	-7	-13	-17	-26	-22	-23	-15	-10	-12	-18	-20	-20	-30	-25	-18	-18	-14	-13	-14	-12	-12
18	-11	-9	-9	-7	-6	-4	1	5	2	5	4	-3	4	5	0	-10	-20	-14	-19	-21	-20	-22	-20	-15
19	-18	-15	-14	-14	-13	-10	-9	-9	-11	-7	-5	-5	-6	-11	-15	-21	-19	-17	-14	-15	-21	-29	-23	-16
20	-13	-11	-9	-11	-10	-6	-8	-10	-6	-3	-3	-4	-8	-12	-13	-14	-16	-17	-13	-9	-7	-2	-4	-11
21	-20	-16	-12	-12	-12	-12	-13	-12	-11	-10	-7	-10	-9	-10	-14	-9	-10	-11	-13	-17	-20	-17	-10	-5
22	-4	-6	-9	-10	-10	-9	-9	-9	-8	-8	-10	-9	-5	-3	-1	1	1	2	0	-1	-4	-6	-5	-4
23	-3	-5	-4	-4	-2	-3	-3	-1	-0	2	2	0	-2	-4	-2	1	1	0	1	2	1	3	6	6
24	8	7	5	4	3	3	2	1	2	5	7	8	6	8	10	8	4	7	5	7	9	12	12	13
25	8	8	6	7	7	8	12	14	14	2	3	-0	-7	-4	-2	-1	-4	-3	-5	-9	-12	-11	-18	-11
26	-2	1	-3	-16	-23	-19	-21	-23	-24	-23	-19	-16	-12	-9	-8	-10	-11	-11	-9	-8	-5	-4	-3	-2
27	-1	-7	-5	-8	-4	-0	-9	-13	-13	-11	-8	-5	-4	-5	-6	-24	-31	-43	-42	-32	-37	-40	-36	-41
28	-36	-19	-27	-30	-30	-28	-29	-31	-29	-35	-38	-31	-31	-32	-30	-29	-27	-28	-29	-31	-26	-22	-21	-18
29	-21	-16	-15	-21	-22	-22	-25	-26	-23	-21	-22	-22	-21	-22	-25	-24	-23	-23	-26	-19	-17	-19	-19	-17
30	-13	-13	-13	-12	-13	-14	-15	-16	-15	-13	-11	-5	-6	-8	-3	5	4	-2	-3	-7	-20	-33	-33	-44

MAY 1964

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-44	-43	-52	-51	-43	-39	-37	-35	-34	-34	-28	-29	-30	-34	-32	-29	-33	-32	-27	-23	-19	-16	-14	-15
2	-19	-21	-22	-21	-19	-18	-16	-14	-17	-19	-20	-22	-27	-29	-30	-28	-25	-25	-24	-22	-23	-21	-22	-22
3	-19	-24	-24	-22	-19	-16	-15	-13	-13	-11	-9	-10	-13	-14	-12	-12	-12	-13	-11	-7	-5	-5	-4	-4
4	-6	-7	-6	-7	-8	-8	-9	-8	-7	-6	-4	-3	-3	-5	-5	-4	-3	-5	-4	-6	-4	-3	-2	-3
5	4	10	17	22	18	10	1	3	1	-2	-8	-14	-14	-11	-10	-9	-13	-16	-16	-16	-13	-12	-11	-12
6	-11	-10	-8	-5	-2	-2	-1	-2	4	5	-2	-4	-5	-7	-6	-3	-2	-4	-7	-8	-6	-2	4	3
7	2	-1	-3	-5	-4	-7	-9	-9	-9	-7	-7	-6	-5	-6	-7	-5	-2	-1	-2	-4	-5	-5	-4	-3
8	-2	-2	-1	-0	0	1	0	2	1	0	2	2	3	6	6	6	6	5	7	7	8	8	10	10
9	9	9	9	9	9	8	8	7	6	6	7	7	8	5	2	1	2	2	3	4	5	6	7	7
10	12	21	21	18	22	25	27	30	28	14	19	23	20	18	8	2	1	-9	-27	-46	-60	-74	-83	-86
11	-91	-88	-81	-76	-71	-64	-59	-49	-47	-40	-34	-32	-30	-29	-26	-25	-23	-25	-25	-25	-23	-21	-20	-19
12	-20	-20	-19	-20	-19	-18	-18	-18	-18	-17	-16	-14	-12	-11	-11	-7	-8	-9	-9	-7	-7	-7	-6	-7
13	-8	-8	-8	-7	-5	-3	-2	1	4	11	21	23	26	10	-6	-5	19	39	28	-1	-22	-13	-6	-4
14	-7	-10	-13	-10	-4	-5	-5	-7	-11	-7	-3	-0	4	-1	-7	-33	-19	-11	-11	-11	-8	-10	-8	-8
15	-16	-18	-15	-25	-25	-31	-27	-20	-20	-21	-18	-13	-12	-11	-12	-13	-9	-11	-12	-16	-22	-24	-20	-22
16	-14	-20	-20	-17	-16	-16	-13	-11	-9	-14	-11	-6	-9	-9	-8	-6	-4	-5	-8	-17	-10	-2	-1	-8
17	-11	-14	-14	-11	-10	-10	-10	-9	-9	-12	-9	-8	-14	-17	-17	-11	-5	-1	-1	-1	-4	-14	-18	-17
18	-16	-15	-14	-12	-10	-9	-6	-4	-4	-4	-5	-8	-8	-7	-7	-5	-4	-2	-0	4	5	4	3	0
19	-4	-5	-6	-6	-4	-5	-4	-3	-2	1	3	2	1	1	4	6	6	5	1	4	2	-1	-3	-6
20	-8	-8	-6	-3	-2	0	0	4	5	6	7	5	2	2	0	-0	-0	0	2	3	4	1	-1	-2
21	-2	-5	-4	-3	-2	0	4	8	12	12	7	3	-0	7	14	18	18	12	9	10	10	7	1	-4
22	-5	-3	0	5	8	10	10	10	13	10	6	6	5	6	9	14	17	19	19	18	16	14	14	13
23	11	9	6	5	5	3	8	11	14	14	14	10	8	9	11	12	16	17	14	14	15	19	28	33
24	12	-1	1	-11	-26	-29	-22	-17	-18	-14	-11	-15	-15	-14	-8	-2	-10	-19	-24	-23	-25	-22	-20	-17
25	-18	-16	-12	-7	-2	-1	1	6	5	1	-2	-7	-12	-14	-19	-28	-25	-28	-30	-32	-24	-21	-17	-20
26	-15	-22	-20	-18	-16	-14	-13	-10	-6	-8	-8	-9	-10	-11	-14	-12	-9	-7	-4	-1	-0	-1	-3	-8
27	-10	-10	-12	-14	-13	-12	-1	0	-6	-6	-9	-15	-15	-13	-11	-4	-3	-4	-5	-7	-10	-11	-9	-5
28	-7	-7	-5	-5	-8	-7	-4	0	2	-2	-5	-10	-9	-7	-6	-6	-7	-1	1	-4	0	1	-1	-1
29	-1	-2	-6	-7	-6	-7	-7	-3	2	3	-0	-4	-5	-5	-4	-2	-1	1	2	2	1	-3	-4	-6
30	-8	-8	-7	-6	-6	-5	-3	-0	1	2	2	2	0	-0	1	6	6	5	2	-0	-1	1	4	10
31	3	1	-2	-2	-1	-0	3	7	8	10	8	4	5	7	10	11	11	9	9	9	8	10	13	12

JUNE 1964

DAY	UNIT=GAMMAS																								G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	11	9	10	11	10	10	11	11	12	14	17	19	25	24	23	24	24	23	21	18	13	8	3	3		
2	3	2	2	2	4	4	4	8	11	11	11	11	15	13	16	19	21	19	16	13	13	13	13	12		
3	11	10	7	6	9	8	8	8	9	9	9	8	7	8	12	13	14	13	13	13	15	14	12	11		
4	6	5	5	8	6	5	4	1	4	4	4	4	-1	-3	-3	-3	2	5	6	4	5	5	6	8		
5	8	6	4	6	5	5	6	6	8	10	10	11	8	8	7	7	4	5	6	6	6	6	7	9		
6	11	12	11	11	12	14	15	16	15	14	12	9	7	7	6	6	6	5	3	4	6	7	8	5		
7	4	4	4	4	4	5	6	6	6	4	6	10	11	14	15	13	13	9	9	20	23	21	18	25		
8	23	12	12	10	12	12	8	2	-7	-11	-9	-1	4	4	7	5	4	5	3	2	2	7	7	10		
9	9	9	9	5	7	2	2	-0	-2	-1	1	5	6	4	4	7	6	9	14	19	21	25	32	33		
10	39	35	25	7	-12	-71	-88	-76	-77	-66	-52	-39	-33	-35	-42	-51	-52	-49	-44	-38	-34	-39	-39	-31		
11	-36	-38	-39	-35	-30	-31	-36	-39	-36	-34	-33	-32	-30	-26	-27	-28	-31	-32	-19	-18	-19	-28	-20	-19		
12	-22	-23	-17	-14	-20	-23	-24	-19	-17	-16	-15	-17	-17	-12	-10	-14	-15	-20	-20	-17	-19	-21	-27	-29		
13	-21	-16	-15	-14	-14	-20	-17	-16	-16	-14	-13	-15	-16	-13	-10	-8	-9	-10	-8	-7	-10	-16	-12	-7		
14	-7	-8	-7	-9	-10	-11	-15	-15	-14	-15	-15	-12	-13	-9	-8	-7	-3	-1	0	1	2	3	1	-2		
15	-3	-9	-7	-5	-5	-5	-8	-9	-9	-9	-8	-7	-5	-4	0	8	9	10	12	10	7	-1	-2	-1		
16	-2	-0	-3	-5	-6	-7	-7	-6	-8	-8	-7	-8	-8	-6	-6	-5	-3	-1	-1	-4	-4	-2	0	-0		
17	-1	-2	-3	-4	-6	-6	-7	-8	-7	-8	-8	-11	-10	-8	0	6	7	10	8	6	4	1	1	3		
18	2	2	1	0	1	-0	-1	1	2	4	4	-2	-11	-8	-4	-0	3	6	5	-2	-10	-23	-22	-15		
19	-8	-5	-3	-3	-4	-5	-3	-1	-1	-2	-2	-2	-1	-2	-1	1	0	1	1	-2	-9	-15	-20	-22		
20	-20	-21	-26	-24	-28	-25	-16	-13	-8	-5	-4	-1	-7	-15	-18	-19	-15	-8	-12	-14	-16	-15	-9	-3		
21	-3	-4	-11	-8	-8	-9	-8	-11	-11	-11	-9	-9	-7	-7	-9	-11	-11	-8	-8	-10	-10	-7	-6	-4		
22	1	3	1	-1	-2	1	2	3	1	2	4	3	2	3	1	-2	-6	-9	-7	-7	-10	-13	-13	-10		
23	-5	-2	-3	-6	-5	-7	-9	-10	-9	-10	-7	-7	-5	-3	-3	-6	-6	-3	-3	-2	-4	-7	-9	-7		
24	-5	-6	-3	-2	-3	-3	-2	-2	0	1	1	1	6	12	11	12	9	7	4	3	1	-1	-1	1		
25	6	10	8	5	-1	-7	-13	-18	-19	-23	-18	-15	-12	-12	-13	-10	-4	-0	-0	-4	-6	-9	-7	-5		
26	-4	-3	-4	-6	-7	-4	-2	-4	-5	-7	-11	-9	-8	-6	-6	-5	-7	-7	-5	-6	-8	-12	-12	-11		
27	-7	-2	-1	-2	-3	-3	-2	-2	-3	0	0	3	9	14	19	14	14	10	6	3	-0	2	-1	2		
28	5	8	6	5	6	5	1	1	0	2	9	26	23	12	12	4	-8	-9	-8	-7	-8	-13	-15	-14		
29	-12	-10	-8	-9	-5	-4	-3	-4	-4	-1	3	3	3	4	4	1	-1	4	7	6	2	-2	-7	-7		
30	-5	-3	2	3	0	-0	-0	-0	1	2	2	5	7	5	5	5	3	3	2	2	2	0	1	3		

JULY 1964

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	4	5	5	5	5	6	7	9	8	8	6	8	9	12	13	10	9	13	15	16	15	12	9	7
2	11	12	11	8	7	8	9	10	10	10	10	11	14	16	17	17	17	26	27	26	25	21	15	19
3	24	24	22	17	13	11	8	-0	3	2	3	7	9	3	3	4	-0	-2	-0	-2	-4	-6	-21	-20
4	-21	-23	-17	-15	-16	-13	-12	-15	-12	-11	-11	-9	-7	-5	-6	-10	-13	-14	-13	-12	-9	-8	-6	-5
5	-5	-6	-8	-8	-7	-6	-5	-4	-5	-3	-1	-1	1	1	1	1	1	0	4	7	4	-2	-5	-2
6	-2	-0	2	-1	-3	-6	-6	-3	-3	-1	-1	0	3	7	9	13	12	9	7	5	1	-1	-1	4
7	7	4	3	-2	1	-1	0	-1	-0	-4	-2	4	8	9	13	6	6	8	9	4	6	5	-1	-9
8	-13	-4	-7	-8	-11	-11	-12	-9	-10	-8	-11	-12	-9	-2	0	-5	-6	-7	-9	-9	-14	-18	-6	-3
9	-12	-6	-4	-10	-10	-11	-4	-6	-9	-11	-5	-0	3	5	5	2	-5	-8	-5	-7	-6	-8	-8	-2
10	-8	-9	-5	-9	-11	-10	-6	-12	-16	-11	-11	-10	-8	-7	-9	-8	-10	-12	-13	-15	-17	-17	-17	-16
11	-16	-13	-14	-12	-11	-8	-6	-5	-6	-6	-7	-6	-6	-4	-2	-3	-7	-5	-3	1	5	0	-4	-2
12	-1	-0	1	1	0	4	4	4	5	7	3	0	2	2	-1	-5	-10	-8	-4	-2	-2	-3	-5	-3
13	-3	-4	-1	-2	-1	-4	-5	-4	-5	-7	-7	-9	-5	-1	-4	-8	-14	-14	-11	-10	-6	-5	-6	-8
14	-7	-6	-6	-5	-5	-4	2	4	4	3	5	4	3	1	0	1	-0	-3	-2	-1	-2	-2	-0	-2
15	-3	-3	-3	-2	-2	-2	-2	-3	-3	-1	-2	0	1	0	-0	2	4	6	8	10	16	19	18	17
16	16	13	13	12	11	10	6	9	9	8	8	10	15	16	19	27	28	16	13	8	10	10	10	9
17	8	6	-1	-1	1	3	8	11	14	15	15	15	19	22	26	18	4	-19	-16	-17	-12	-13	-7	-4
18	-12	-12	-24	-30	-30	-27	-22	-19	-16	-13	-8	-15	-9	-10	-14	-21	-19	-22	-22	-26	-27	-26	-22	-19
19	-16	-12	-11	-11	-9	-14	-14	-8	-0	3	1	-2	-1	1	1	-1	-4	-7	-6	-10	-13	-19	-19	-24
20	-23	-22	-23	-23	-19	-17	-16	-15	-12	-7	-8	-5	-2	-3	-6	-8	-10	-13	-17	-22	-16	-15	-16	-18
21	-16	-12	-11	-13	-13	-12	-10	-8	-8	-8	-6	0	3	3	2	2	-1	-5	-12	-19	-17	-11	-2	-2
22	-3	-4	-4	-6	-8	-7	-5	-2	-2	-4	-5	2	4	2	-1	-3	-5	-11	-9	-1	-5	-7	-11	-14
23	-17	-11	-7	-6	-6	-7	-5	-5	-8	-9	-6	-2	3	9	9	3	-2	-9	-13	-15	-12	-12	-9	-10
24	-8	-5	-4	-5	-5	-3	-1	2	2	3	3	5	5	5	5	5	3	-1	1	1	-0	-0	1	1
25	0	-1	-2	-3	-0	3	6	7	11	12	9	11	10	9	12	16	18	15	12	7	4	2	2	5
26	6	5	4	2	3	6	8	7	8	7	10	14	13	9	10	11	9	8	6	4	0	0	-0	3
27	5	8	9	8	8	9	9	8	7	5	4	3	4	5	7	7	8	9	7	5	5	9	8	8
28	7	0	3	7	9	9	10	11	11	13	14	12	14	14	14	15	15	14	11	9	8	6	6	10
29	9	9	11	14	17	17	16	11	9	14	11	2	0	-1	-1	5	2	-3	-5	-15	-19	-6	-1	0
30	-0	1	-2	1	0	1	-1	7	9	5	9	5	4	3	6	5	4	2	-7	-8	-7	-8	-9	-7
31	-4	-8	-10	-8	-4	1	3	5	3	4	4	3	2	3	3	7	7	4	6	9	9	6	-1	-1

AUGUST 1964

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-3	-4	-6	-6	-6	-4	-1	3	4	3	6	8	7	4	6	9	13	10	6	3	3	2	-1	-4
2	-5	-6	-6	-6	-5	-3	-2	-0	3	4	6	6	2	2	3	1	-0	-1	-1	-2	-4	0	5	6
3	2	3	2	2	0	4	5	5	8	10	8	9	13	19	15	8	2	1	5	10	10	12	12	24
4	22	27	55	27	-14	-30	-38	-32	-29	-38	-34	-36	-30	-24	-24	-19	-18	-19	-20	-20	-23	-22	-20	-18
5	-18	-19	-17	-15	-13	-12	-9	-7	-6	-7	-8	-8	-5	-1	1	-7	-8	-8	-11	-20	-28	-24	-20	-16
6	-19	-22	-20	-18	-20	-19	-16	-14	-15	-15	-12	-13	-16	-17	-16	-12	-10	-13	-13	-12	-11	-10	-11	-8
7	-6	-8	-4	-10	-15	-21	-21	-19	-18	-19	-16	-12	-14	-16	-14	-14	-11	-12	-9	-10	-12	-15	-17	-15
8	-13	-14	-11	-10	-11	-11	-10	-8	-6	-5	-3	-3	-5	-5	-5	-6	-6	-4	-10	-13	-10	-9	-8	-5
9	-6	-9	-11	-9	-13	-13	-8	-5	-3	-3	0	2	-2	-3	-5	-0	3	4	3	-5	-6	-10	-12	-12
10	-10	-10	-7	-2	-2	-3	-1	1	3	2	0	-2	-4	-5	-4	-2	-2	-3	-0	3	4	3	3	3
11	1	17	12	5	-3	-6	-6	-4	-3	-4	3	7	11	10	10	-2	-3	-15	-23	-22	-17	-25	-15	-8
12	-12	-12	-6	-4	-5	-3	6	9	7	4	2	3	8	13	5	0	-0	-5	-11	-20	-16	-12	-6	-6
13	-4	-5	-7	-6	-6	-6	-3	-4	-5	-6	-4	-4	-1	-1	-1	-1	-1	-3	-7	-6	-8	-4	1	3
14	1	-0	-4	-7	-4	-3	1	2	1	-4	-6	-6	-6	-6	-5	-3	-2	-5	-7	-9	-11	-9	-5	-3
15	-4	-4	-6	-6	-1	2	3	4	1	-0	1	1	-2	-2	-3	-2	-1	-1	-2	-2	-5	-7	-9	-7
16	-8	-4	6	13	10	12	13	11	13	14	14	12	9	10	11	8	5	6	9	8	7	4	3	3
17	3	-1	-8	-5	-1	1	2	2	2	1	3	2	1	1	5	6	-1	-6	-6	-1	2	6	7	9
18	7	2	2	4	4	4	3	7	12	6	-0	-2	0	3	5	5	-2	-3	-4	-1	1	2	6	8
19	5	4	2	1	3	4	5	3	2	3	1	1	-1	-4	-8	-10	-11	-11	-10	-9	-11	-8	-8	-11
20	-12	-11	-7	-2	2	1	1	0	-2	-3	-0	3	5	10	10	8	7	5	8	4	-1	-1	3	3
21	1	-0	2	4	7	7	9	9	7	9	13	8	8	9	12	15	11	6	3	2	5	8	10	15
22	12	6	4	0	-1	1	5	3	1	-1	1	10	-1	15	13	11	8	4	-1	-6	-8	-10	-7	-5
23	-3	-1	0	3	5	5	4	7	7	6	4	1	-1	0	-0	-1	-1	-2	-2	0	0	2	6	8
24	9	11	10	10	9	6	6	6	5	6	9	12	15	14	13	13	14	13	14	12	14	19	20	20
25	18	14	11	8	11	13	14	11	7	8	14	17	16	12	11	3	4	-6	-9	-1	3	2	8	6
26	-5	-7	-6	-1	-2	-4	1	2	1	1	1	1	2	4	5	6	12	13	6	1	1	3	-1	-6
27	-10	-6	-2	-6	-10	-6	1	4	1	0	-2	2	4	2	1	0	4	1	-3	-7	-5	-5	-2	-2
28	-2	-2	-2	-1	1	2	4	4	4	2	1	1	6	10	9	6	6	5	3	3	3	0	-1	-3
29	-1	3	6	8	11	14	14	17	17	12	10	12	14	12	9	2	-1	-1	-4	-1	4	4	3	3
30	1	1	1	1	4	7	8	6	6	5	4	3	3	6	7	9	12	14	20	20	21	21	20	20
31	16	13	11	9	7	7	2	1	-3	-3	0	0	3	7	8	11	19	21	17	15	10	4	2	-7

SEPTEMBER 1964

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-10	-11	-10	-6	-9	-15	-15	-12	-7	-3	0	-1	-2	-3	4	1	-9	-13	-7	-7	-9	-10	-10	-16
2	-9	-8	-9	-6	-5	-6	-3	-1	-0	4	5	3	2	0	1	4	4	1	2	1	4	4	1	-0
3	-2	-1	-4	-4	-6	-7	-4	-1	-0	-1	-1	-1	-0	1	-3	-1	-2	-4	-11	-15	-13	-4	3	7
4	7	3	-3	-0	2	4	2	-0	-0	2	2	1	1	-3	-4	-4	-3	-4	-8	-15	-18	-12	-13	-13
5	-13	-6	-4	-1	-2	-2	0	-0	-0	-1	1	4	3	3	3	3	4	1	-3	-3	-2	-1	-4	-6
6	-6	-5	-4	-3	-1	1	2	0	-0	3	7	7	9	9	8	11	12	11	5	2	15	-6	-3	-1
7	-10	-14	-8	-3	1	10	-0	-1	0	6	6	6	6	7	0	-3	-6	-13	-16	-8	-6	-7	-15	-7
8	-8	-8	-10	-9	-10	-5	-7	-4	-2	-5	-7	-9	-12	-12	-11	-10	-9	-12	-10	-7	-8	-9	-11	-9
9	-5	-5	-3	1	-0	-1	0	-2	-5	-6	-9	-13	-20	-21	-18	-19	-19	-15	-14	-13	-15	-10	-8	-14
10	-18	-23	-15	-14	-10	-8	-5	-5	-6	-5	-4	-5	-4	-4	-4	-5	-7	-4	-4	-0	5	5	-1	-4
11	-5	-6	-5	-4	-1	2	4	3	2	2	3	6	8	4	2	1	3	6	7	8	9	7	2	-3
12	-5	-6	0	2	1	3	3	2	2	4	5	5	10	13	12	10	13	13	11	11	13	14	9	4
13	1	1	3	5	5	6	6	6	6	7	7	6	7	6	6	7	6	4	2	-1	-1	1	3	2
14	2	4	4	4	6	7	7	6	6	6	5	4	5	7	7	7	6	5	4	6	7	9	9	8
15	8	5	6	8	8	9	16	16	18	18	23	21	21	18	14	12	12	13	14	14	15	16	16	19
16	24	22	17	18	15	7	14	13	12	12	15	20	18	5	-5	-10	-11	-9	-13	-18	-23	-22	-18	-15
17	-13	-5	-4	-3	-1	3	3	-1	-1	-0	1	5	8	12	7	4	0	-0	-3	-6	-8	-8	-7	-9
18	-8	-7	-2	1	2	4	7	5	8	11	12	13	15	15	13	12	13	12	10	7	5	4	6	6
19	6	6	7	6	7	8	8	7	7	7	7	6	8	9	15	16	16	16	17	16	15	15	12	10
20	11	12	12	15	14	14	13	14	13	12	11	10	11	9	7	6	10	12	14	15	14	12	10	10
21	12	14	16	17	16	15	14	13	15	19	22	25	33	33	29	25	25	26	27	25	29	31	28	34
22	46	25	-5	-28	-29	-21	-20	-29	-35	-32	-30	-27	-24	-25	-24	-24	-25	-20	-17	-17	-15	-13	-11	-15
23	-17	-15	-15	-13	-13	-10	-11	-9	-11	-15	-14	-17	-13	-11	-8	-7	-6	-6	-7	-6	-7	-7	-10	-12
24	-13	-11	-12	-10	-6	-3	-2	-3	-4	-7	-13	-13	-12	-10	-11	-11	-7	-5	-6	-11	-10	-7	-7	-5
25	-7	-8	-7	-7	-2	-1	-3	-4	-5	-6	-10	-12	-10	-10	-9	-8	-7	-3	-0	-1	-1	-3	-6	-5
26	-7	-4	-2	-1	-0	2	3	5	5	3	-2	-5	-5	-6	-8	-6	-2	2	3	2	4	4	6	4
27	7	8	10	10	10	10	8	7	11	13	15	16	17	16	15	17	18	21	21	16	13	7	3	-6
28	-4	-6	-2	-10	-8	1	4	1	-7	-4	-18	-19	-18	-19	-33	-44	-43	-28	-18	-24	-29	-33	-28	-26
29	-25	-24	-25	-24	-24	-21	-20	-15	-13	-10	-5	-8	-12	-10	-7	-5	-6	-6	-8	-7	-5	-4	-5	-11
30	-11	-9	-9	-12	-23	-26	-30	-28	-23	-25	-24	-24	-26	-27	-27	-24	-23	-21	-24	-22	-21	-21	-23	-18

OCTOBER 1964

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-18	-10	-11	-13	-13	-12	-11	-7	-4	-3	-5	-9	-6	-7	-10	-13	-13	-11	-8	-9	-11	-10	-9	-10
2	-8	-5	-7	-6	-5	-2	-0	-0	0	1	0	-3	-2	-4	-4	-7	-6	-8	-11	-10	-10	-8	-5	-6
3	-6	-4	-1	-4	-5	-4	-0	1	-4	-4	-5	-4	4	14	2	-1	-2	-9	1	4	3	3	6	2
4	-5	-5	-4	-4	-9	-8	-3	-1	-4	-4	1	-0	-0	2	6	2	-11	-38	-29	-27	-22	-23	-22	-13
5	-18	-19	-18	-20	-19	-15	-16	-16	-16	-14	-11	-14	-19	-19	-11	-9	-12	-9	-4	-3	-0	-1	-2	-2
6	-3	-5	-3	-4	-4	-4	-4	-3	-2	-5	-7	-11	-12	-12	-6	-8	-8	0	6	7	4	1	-1	-8
7	-14	-14	-16	-16	-16	-11	-13	-17	-16	-14	-16	-17	-19	-16	-12	-12	-11	-9	-7	-7	-9	-12	-12	-11
8	-7	-5	-5	-7	-8	-10	-9	-8	-6	-5	-7	-9	-18	-21	-16	-14	-12	-11	-11	-13	-16	-12	-10	-8
9	-12	-11	-10	-13	-10	-8	-8	-13	-13	-14	-21	-24	-22	-19	-16	-15	-12	-10	-8	-6	-7	-9	-12	-16
10	-13	-8	-7	-6	-7	-7	-7	-7	-8	-9	-13	-17	-17	-16	-12	-9	-6	-5	-6	-6	-8	-8	-7	-6
11	-5	-0	0	-2	-3	-1	-0	1	4	6	4	4	5	12	9	8	8	2	-1	-1	-4	-4	-5	-4
12	-1	1	-0	-1	-1	3	4	10	12	8	5	-5	-19	-34	-37	-37	-35	-35	-34	-32	-29	-23	-15	-11
13	-14	-17	-19	-23	-25	-20	-14	-13	-9	-7	-5	-6	-9	-12	-12	-13	-14	-10	-6	-6	-4	-4	-0	-0
14	-2	-5	-12	-15	-14	-15	-11	-9	-8	-4	-3	-7	-10	-8	-8	-6	-5	-3	-1	1	3	3	3	0
15	-0	-1	-4	-6	-8	-5	-3	2	2	3	-3	-6	-8	-8	-7	-6	-3	-2	-4	-5	-6	-5	-4	-3
16	-3	-3	-3	-5	-5	-4	-2	3	9	12	9	5	2	-0	-1	-1	0	-1	-1	-1	-1	0	5	8
17	7	7	7	1	-1	-1	-1	2	6	7	3	-3	-5	-7	-4	-1	0	3	7	5	6	5	8	11
18	11	12	17	15	11	7	7	12	12	13	7	-0	-6	-4	-2	-2	-0	1	2	-11	-15	-13	-4	0
19	-1	2	5	7	9	-1	-3	-2	-2	6	6	-2	-6	-17	-23	-25	-22	-26	-22	-18	-14	-21	-23	-18
20	-13	-9	-12	-15	-11	-11	-13	-12	-9	-3	-2	-4	-9	-11	-9	-9	-6	-1	-2	-4	-13	-10	-7	-5
21	-2	-1	-4	-1	-5	-12	-12	-12	-14	-11	-9	-6	-6	-8	-11	-16	-18	-18	-16	-18	-19	-18	-18	-19
22	-15	-8	-6	-9	-10	-9	-10	-9	-5	-5	-7	-7	-7	-8	-10	-12	-11	-9	-7	-6	-7	-8	-6	-3
23	-6	-4	-2	-4	-7	-6	-6	-5	-8	-8	-7	-4	-2	-0	2	3	4	5	4	2	-1	-2	-0	0
24	2	4	4	4	4	2	3	2	-0	0	1	2	6	8	11	18	20	20	14	17	14	5	7	-1
25	-7	-9	-9	-6	-4	-6	-3	2	2	2	1	-1	-1	0	2	5	7	10	13	12	9	6	6	8
26	20	17	18	20	21	14	5	-4	-12	-10	-18	-17	-26	-29	-32	-32	-29	-25	-20	-21	-23	-23	-24	-23
27	-21	-20	-20	-13	-16	-14	-13	-10	-8	-12	-12	-13	-15	-16	-13	-12	-8	-7	-8	-10	-9	-7	-6	-9
28	-13	-13	-11	-9	-10	-10	-10	-8	-7	-7	-5	0	0	-1	-2	-2	1	2	1	-1	2	4	6	6
29	2	-4	-7	-2	-6	-10	-13	-15	-12	-12	-12	-13	-14	-12	-10	-11	-11	-10	-10	-9	-6	-6	-6	-8
30	-11	-12	-12	-13	-10	-7	-5	-1	1	2	3	3	-0	-4	-5	-6	-7	-8	-8	-9	-8	-7	-4	-3
31	-5	-6	-5	-4	-3	-4	-5	-6	-5	-4	-2	-0	-3	-3	-4	-1	1	2	3	4	8	8	6	4

NOVEMBER 1964

DAY	UNIT=GAMMAS																								G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	3	3	4	12	16	10	5	6	7	11	14	17	18	21	20	17	10	-5	-5	1	2	-4	-21	-27		
2	-16	-13	-12	-12	-16	-15	-15	-13	-7	-6	-12	-15	-15	-11	-11	-9	-8	-9	-11	-13	-14	-15	-12	-11		
3	-13	-13	-10	-10	-8	-6	-8	-9	-8	-9	-10	-8	-7	-7	-9	-9	-9	-8	-10	-12	-11	-9	-7	-4		
4	-1	3	2	-2	-6	-3	-3	-2	-1	-0	1	2	-1	-4	-7	-4	-1	0	-4	-5	-6	-7	-6	-4		
5	-5	-6	-3	-5	-5	-6	-5	-4	-2	-1	2	3	-4	-12	-7	-9	-8	-3	-5	-17	-18	-13	-9	-7		
6	-8	-8	-6	-2	-0	0	1	3	1	-0	-1	-2	-3	-1	-4	-4	-1	-1	-4	-5	-6	-5	-4	-4		
7	-3	-3	-1	1	2	3	2	2	1	3	3	4	4	3	3	5	5	6	10	11	11	10	10	10		
8	19	26	21	24	27	22	11	10	11	10	8	7	5	3	3	4	6	7	4	-1	-4	-3	3	6		
9	4	-3	-2	-8	-2	1	1	1	0	-8	-13	-10	-2	-0	-2	-7	-5	-6	-7	-11	-18	-16	-14	-11		
10	-12	-15	-7	-6	-1	-1	-2	-4	-5	-4	-4	0	-1	-4	-2	-1	3	5	-3	-5	-6	-3	-3	-4		
11	-4	-4	-2	3	12	11	11	10	8	5	3	3	7	8	6	5	6	9	7	6	5	10	5	1		
12	2	3	2	-1	-3	-1	-0	-1	-0	-1	-0	2	1	0	1	-1	1	3	-0	-2	-7	-9	-7	-6		
13	-7	-8	-6	-3	-2	-3	-3	-4	-7	-9	-10	-9	-7	-6	-7	-6	-3	-2	-6	-8	-5	-2	-2	-4		
14	-6	-6	-5	-3	0	4	6	7	7	6	4	5	4	2	0	-1	-3	-5	-4	-2	2	5	6	5		
15	4	3	3	4	4	3	2	5	8	12	25	27	24	17	19	14	4	7	9	11	14	14	2	-7		
16	-3	-5	-6	-7	-10	-17	-13	-9	-10	-9	-6	2	6	2	-7	-9	-6	-3	-3	-5	-11	-9	-8	-7		
17	-5	-2	-0	2	4	2	-1	1	5	5	4	7	7	4	-1	-5	-2	-2	-5	-8	-4	-5	-3	-3		
18	-0	1	5	5	5	6	4	-1	3	8	7	8	8	7	9	8	6	3	3	2	4	1	1	-2		
19	-3	-2	-1	-0	2	2	2	2	5	6	6	6	6	7	6	7	9	8	7	3	1	6	6	2		
20	4	5	3	1	1	3	5	7	6	6	8	12	15	13	12	12	13	12	11	9	8	7	8	6		
21	9	12	16	17	16	14	15	18	17	17	13	14	17	17	15	14	13	13	10	8	10	13	15	14		
22	15	19	19	19	20	21	22	19	21	24	17	10	9	11	12	10	11	12	10	3	4	3	-3	-4		
23	-3	0	1	0	-2	-9	-15	-9	-6	-6	-8	-14	-13	-23	-32	-31	-30	-30	-29	-26	-23	-21	-21	-21		
24	-21	-18	-17	-16	-16	-17	-15	-12	-8	-9	-8	-6	-4	-3	-3	-1	-1	-1	-2	-2	-1	-2	-3	-5		
25	-4	-3	-1	1	1	4	7	8	7	4	4	6	8	8	15	15	14	14	17	20	13	15	17	18		
26	17	17	15	13	10	9	8	5	5	7	4	0	-5	-8	-11	-15	-16	-18	-16	-14	-15	-18	-20	-20		
27	-17	-15	-12	-13	-14	-15	-15	-8	-2	3	4	6	7	6	9	9	11	11	7	11	3	-0	5	5		
28	4	4	3	4	4	2	4	4	6	2	-2	1	2	1	3	1	-4	-12	-11	-8	-3	-1	-1	-1		
29	1	1	1	0	1	1	2	4	8	11	13	13	12	8	6	5	5	4	3	6	7	10	10	5		
30	3	13	13	14	4	-4	-4	1	4	7	9	11	11	10	9	6	6	7	7	4	5	3	1	-1		

DECEMBER 1964

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	5	5	5	6	5	2	4	4	6	8	12	13	7	1	-3	-4	-3	-3	-5	-6	-3	-4	-4
2	-3	-1	1	1	2	1	-1	0	6	7	9	11	14	14	14	15	13	9	3	-1	-2	1	4	6
3	8	10	8	8	10	9	8	8	7	6	3	1	2	3	4	6	7	4	-3	-10	-7	-4	-3	-1
4	1	5	2	1	4	4	2	4	6	6	5	6	5	4	9	10	6	2	4	4	3	6	8	7
5	5	6	7	6	7	8	7	7	9	8	8	10	11	9	10	11	12	12	11	9	8	10	14	15
6	18	19	17	14	15	15	17	17	16	14	13	13	12	11	12	12	13	11	9	8	5	6	17	26
7	27	27	28	28	29	26	23	26	27	26	16	10	13	14	17	6	-2	-6	-7	1	2	1	-8	-5
8	-4	-3	-4	-5	-6	-2	-1	0	1	3	4	3	1	-1	-0	-2	-4	-6	-7	-9	-6	-2	5	8
9	9	10	10	9	8	8	9	5	1	-1	1	3	5	6	9	9	9	6	5	5	7	9	11	8
10	8	8	6	3	2	3	4	4	2	1	2	3	4	3	2	5	5	5	6	5	6	7	7	8
11	9	10	9	7	6	7	9	11	15	15	12	11	9	10	11	13	14	14	14	13	10	10	11	11
12	12	11	11	13	12	12	13	14	14	16	16	15	16	17	19	20	21	23	23	22	22	21	19	18
13	18	18	20	22	24	25	26	27	28	26	21	14	18	30	36	40	21	8	3	11	18	21	18	15
14	8	4	5	4	0	-5	-4	-0	4	6	9	7	4	3	5	3	1	0	5	2	-3	1	3	2
15	1	2	3	2	-2	-0	-2	-3	-2	-1	-1	-1	-4	-4	-2	1	2	4	7	6	6	4	5	5
16	11	10	9	6	1	1	7	12	13	14	14	17	12	3	2	11	11	12	8	7	2	-0	4	4
17	3	-3	-15	-16	-14	-11	-14	-13	-7	-3	-5	-3	-5	-4	-3	-5	-6	-8	-3	-3	-5	-8	-14	-13
18	-11	-9	-5	-8	-11	-14	-15	-11	-5	-2	-2	-1	-0	-0	4	6	6	4	2	-1	-1	-1	-3	-1
19	0	-0	-3	-1	0	2	1	-1	-6	-5	-1	0	1	2	2	-3	-8	-7	-6	-12	-9	-8	-5	-2
20	1	4	3	1	-1	-2	-0	2	3	1	1	5	5	6	11	10	5	-0	-2	-2	3	3	6	5
21	7	9	9	6	1	-0	3	6	7	6	9	13	13	14	15	12	5	6	6	5	5	5	4	4
22	5	5	5	4	2	1	4	5	2	0	0	2	0	-1	2	6	8	10	10	6	3	0	1	1
23	4	6	7	7	5	5	11	16	16	13	7	4	4	5	7	6	6	7	7	3	-1	-3	-1	4
24	5	7	9	7	4	4	4	4	4	3	2	5	7	9	13	13	15	15	10	6	3	5	6	7
25	7	7	5	6	5	6	8	12	17	16	16	16	15	8	8	10	16	22	19	9	4	0	2	0
26	-5	-1	2	6	8	7	8	10	9	7	3	1	-5	-7	-3	0	0	4	8	8	6	7	9	8
27	7	6	6	6	6	6	9	13	16	16	16	14	12	8	7	6	6	8	9	10	10	11	11	9
28	9	7	8	10	12	13	13	14	12	11	13	15	17	17	17	17	20	20	18	13	9	15	18	19
29	11	7	8	9	12	11	9	5	5	7	8	9	9	9	10	10	8	9	11	9	9	9	8	8
30	6	5	7	8	8	8	7	9	10	11	12	14	16	15	13	9	7	9	10	11	12	13	13	11
31	12	12	10	11	14	14	12	9	6	3	4	5	3	4	9	13	12	15	14	12	11	12	12	13

DAILY MEANS OF EQUATORIAL DST FOR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	8	-17	-10	-25	-32	15	9	2	-8	-10	6	2
2	-41	-8	-2	-49	-22	11	15	-0	-0	-5	-12	5
3	-35	-5	6	-29	-13	10	4	8	-3	-1	-9	4
4	-28	-7	-43	-26	-5	4	-12	-16	-3	-9	-2	5
5	-21	-5	-38	-21	-4	7	-2	-12	-1	-12	-6	9
6	-18	-24	-31	-12	-3	9	2	-15	3	-4	-3	14
7	-14	-21	-24	-13	-5	11	3	-14	-3	-13	4	13
8	-7	-18	-22	-8	4	5	-9	-8	-9	-10	10	-2
9	-9	-25	-19	-13	6	9	-5	-5	-10	-13	-6	7
10	-15	-16	-16	-7	-3	-36	-11	-1	-6	-9	-4	5
11	-14	-9	-9	-10	-43	-30	-6	-3	2	1	5	11
12	-12	-3	-23	-7	-13	-19	-0	-3	6	-13	-1	17
13	-8	-24	-13	2	4	-13	-6	-4	4	-11	-5	21
14	-6	-19	-13	1	-9	-7	-1	-4	5	-6	1	3
15	0	-12	-12	0	-18	-2	3	-2	14	-4	10	1
16	-13	-10	-1	-5	-11	-4	13	8	3	1	-6	8
17	-20	-7	-9	-14	-10	-2	4	1	-1	2	-0	-7
18	-16	-7	-5	-8	-5	-3	-19	3	7	3	4	-3
19	-11	-6	4	-14	-1	-5	-8	-3	10	-9	4	-3
20	-9	1	5	-9	0	-14	-14	1	12	-8	8	3
21	-3	-30	-6	-12	6	-8	-7	8	23	-11	14	7
22	-4	-17	-10	-5	10	-2	-5	3	-17	-8	13	3
23	6	-14	-16	-0	13	-6	-6	2	-11	-2	-15	6
24	-7	-4	-19	7	-15	2	0	12	-8	7	-8	7
25	-6	-12	-14	0	-13	-7	7	8	-6	2	9	10
26	-14	-20	-16	-12	-10	-7	6	1	-0	-11	-3	4
27	-8	-17	-6	-18	-9	3	7	-2	12	-12	-1	10
28	4	-11	-4	-29	-4	2	10	2	-17	-4	0	14
29	-18	-13	4	-21	-3	-2	4	7	-13	-9	6	9
30	-16	0	-21	-13	-0	2	1	9	-22	-5	6	10
31	-10	0	-20	0	6	0	2	7	0	-1	0	10
MEAN	-12	-13	-13	-12	-7	-3	-1	-0	-1	-6	1	7

ANNUAL MEAN -5

JANUARY 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	13	12	13	16	18	19	19	19	16	14	14	14	10	10	16	19	9	4	2	4	8	10	12	16
2	18	15	15	18	22	27	15	12	12	14	14	15	11	3	4	8	7	0	-5	-2	0	3	4	-2
3	-2	2	2	4	4	3	2	-0	2	0	-0	-0	-3	-2	2	2	-3	0	4	6	8	9	11	12
4	13	13	12	10	10	11	11	10	11	11	14	15	11	9	15	18	16	10	6	5	6	9	10	12
5	14	11	11	12	13	15	14	12	9	6	4	2	3	3	5	3	-0	-1	1	3	3	1	4	6
6	7	6	7	9	11	10	9	8	9	7	9	14	19	20	20	18	14	11	10	10	8	10	10	9
7	12	13	14	17	15	13	12	12	13	17	19	17	11	6	5	7	11	11	7	4	6	10	12	21
8	11	11	16	19	18	12	4	-4	-14	-14	-9	-5	-11	-16	-20	-20	-19	-17	-17	-16	-18	-17	-13	-9
9	-5	-6	-6	-6	-8	-6	-8	-8	-7	-2	0	2	1	1	4	1	-3	-0	-2	-3	-4	-5	-1	1
10	1	-1	-1	1	0	-0	0	0	5	10	8	6	2	3	7	8	4	-3	-4	0	-1	0	-4	-4
11	-5	-4	-2	-0	-1	1	2	2	3	1	-2	-2	-3	-3	-3	-2	0	1	2	3	3	3	5	7
12	8	7	7	8	11	16	21	21	19	18	17	17	7	-1	2	6	6	1	6	7	1	-8	-2	2
13	2	-6	-15	-14	-9	-6	-7	-7	-8	-6	-3	-4	-5	-6	-7	-5	-10	-14	-13	-12	-10	-7	-5	-1
14	-2	0	0	-0	4	7	6	3	3	2	1	2	1	-1	-0	2	-3	-4	-1	1	1	4	4	5
15	6	8	5	7	12	12	10	10	10	8	7	5	4	-2	2	4	0	-5	-5	-1	6	8	4	6
16	7	6	6	8	7	7	8	5	4	6	4	2	1	-1	-0	3	5	5	6	9	8	7	1	-3
17	-1	3	3	1	2	1	2	2	4	4	10	15	16	11	1	4	5	-2	-3	-5	-6	-1	6	7
18	7	4	2	2	2	5	8	9	5	2	3	3	3	3	4	2	2	4	2	3	3	8	8	8
19	9	7	7	9	9	10	6	4	3	2	0	2	3	4	5	6	5	6	7	8	7	10	8	3
20	3	4	4	6	8	11	13	16	17	15	10	8	6	3	4	4	14	11	7	10	23	22	20	16
21	3	0	-9	-7	2	1	4	4	2	1	1	4	7	9	8	8	11	14	16	14	9	8	9	9
22	7	10	9	6	5	-4	-3	1	-4	-2	-4	1	-9	-11	-3	2	-2	-7	-12	-15	-12	-14	-7	-6
23	-5	-1	-0	-4	-1	5	8	9	5	4	5	8	7	1	2	1	0	-1	-1	1	1	-1	-3	-7
24	-9	-8	-5	-3	-1	-0	-1	-0	1	3	3	2	0	0	1	1	3	4	6	6	8	10	13	12
25	9	10	9	7	7	9	9	9	8	8	9	10	11	12	12	12	12	10	12	13	11	11	11	11
26	9	8	7	10	11	12	14	16	23	24	21	20	16	15	12	10	11	9	5	5	6	9	11	11
27	8	9	11	12	7	14	11	12	11	13	16	16	14	18	22	21	17	12	10	10	6	1	3	0
28	-2	2	2	7	10	8	10	12	13	16	13	15	13	12	14	10	5	2	4	0	-3	-1	-5	-6
29	-4	-1	-4	1	3	4	1	0	-1	2	5	8	8	6	5	4	4	5	5	4	7	8	7	2
30	-1	-1	-1	-0	1	2	-1	-2	-2	-5	-3	6	9	10	10	6	3	-0	3	5	5	-0	2	5
31	5	5	4	3	4	6	8	8	7	8	8	12	15	13	11	12	11	10	8	8	-0	-0	4	3

FEBRUARY 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	6	8	5	7	6	4	3	3	2	-0	0	6	8	5	2	6	8	9	8	10	12	10	9	8
2	8	9	7	7	8	9	9	10	12	15	17	18	18	15	14	16	14	12	15	17	15	16	16	15
3	15	14	13	15	17	15	15	15	11	10	11	16	14	14	14	12	6	5	8	9	8	7	4	4
4	9	9	13	11	11	16	11	-1	-5	-9	-10	-8	-2	-1	-2	-7	-12	-5	2	-4	-5	-3	1	2
5	2	-1	-3	-2	4	8	9	6	3	-0	2	5	5	4	6	6	4	3	5	11	8	8	1	0
6	3	4	5	6	9	8	8	3	4	2	1	1	3	6	12	-3	-11	-3	8	14	11	5	8	5
7	4	-6	-12	-25	-35	-40	-31	-43	-45	-46	-45	-40	-40	-40	-39	-40	-50	-55	-54	-51	-49	-43	-36	-32
8	-33	-32	-28	-22	-17	-15	-15	-21	-21	-14	-5	1	2	-0	1	3	5	16	7	4	-12	-24	-32	-14
9	-14	-18	-20	-20	-20	-17	-11	-12	-8	-2	-5	-8	-8	-11	-0	-4	-13	-17	-8	-13	-15	-16	-19	-17
10	-13	-13	-12	-5	-4	-4	-5	-4	-5	-9	-14	-10	-11	-14	-16	-12	-9	-8	-8	-10	-16	-19	-17	-14
11	-8	-7	-7	-8	-12	-13	-13	-8	-6	-6	-4	-5	-4	-1	1	1	2	-1	-8	-6	-4	-2	-4	-9
12	-13	-10	-10	-10	-7	-7	-7	-5	-1	-1	-1	-1	-2	-1	0	-2	-3	-1	-1	-3	-5	-5	-3	-2
13	-2	2	1	0	1	1	3	4	6	7	10	13	15	15	13	13	13	12	7	6	6	4	6	1
14	2	4	5	3	1	-4	-5	-9	-7	0	0	0	4	8	7	5	3	1	-3	-1	2	2	2	-4
15	-11	-4	-2	-0	-3	-5	-4	-5	-6	-7	-7	-5	-3	-5	-11	-19	-15	-7	-6	-8	-9	-8	-5	0
16	2	1	-4	-8	-5	-4	-2	-4	-6	-7	-8	-7	-5	-4	-3	1	0	-1	-1	-0	-0	-0	-1	-2
17	-4	-1	2	3	2	2	2	-0	-1	-5	-5	-5	-6	-4	-2	2	3	3	2	1	3	6	6	5
18	5	7	3	6	4	4	2	1	0	-3	-3	1	4	4	3	4	0	-2	-2	-0	-4	-2	1	5
19	6	6	4	3	3	9	12	11	8	3	-2	-5	-4	-4	-4	-5	-4	-3	-1	1	1	-0	3	4
20	3	7	10	8	8	5	1	3	4	6	6	10	13	12	9	12	20	18	14	12	14	10	13	15
21	7	9	8	-5	-9	-4	-1	0	-0	-4	-14	-16	-10	-10	-10	-11	-17	-16	-12	-11	-9	-2	-7	-9
22	-10	-8	-6	-8	-7	-6	-4	-2	-1	0	1	4	3	2	4	4	2	1	9	14	12	9	9	12
23	8	8	9	8	5	4	7	9	14	14	12	10	6	6	-1	-14	-18	-30	-38	-26	-20	-20	-23	-28
24	-30	-28	-25	-24	-23	-23	-22	-21	-18	-12	-10	-7	-8	-4	-3	-1	-0	-3	-6	-6	-1	1	-2	-9
25	-20	-23	-21	-23	-21	-16	-19	-22	-20	-16	-9	-7	-7	-6	-5	-5	-3	0	-8	-8	-9	-7	-3	-7
26	-8	-5	-1	-4	-6	-8	-10	-16	-20	-21	-18	-14	-12	-10	-8	-12	-4	1	-1	-4	-6	-4	-3	-3
27	-4	-6	-7	-7	-5	-1	-3	-5	-4	-2	-2	-6	0	2	-2	-5	-1	2	3	0	-3	-4	-0	-4
28	-6	-6	-7	-4	-4	-3	-2	-3	-3	-1	-2	1	0	-0	-5	-8	-6	-1	1	0	-3	1	1	2

MARCH 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	-0	-2	-2	0	4	5	3	3	7	6	4	-1	-4	-4	-10	-16	-18	-20	-15	-9	-4	-0	0
2	0	-1	-2	-3	-3	-0	-5	-5	-4	2	0	2	4	8	11	12	8	-3	-6	-1	6	10	8	7
3	5	3	5	7	2	-1	-6	-11	-21	-24	-19	-5	-11	-11	-0	2	-7	-19	-26	-27	-21	-27	-33	-38
4	-43	-46	-51	-55	-57	-53	-61	-68	-66	-55	-47	-43	-40	-34	-30	-27	-26	-28	-26	-27	-29	-26	-22	-19
5	-19	-17	-16	-14	-11	-9	-9	-11	-8	-7	-9	-13	-14	-8	-4	-1	-0	-2	0	1	2	2	-1	-1
6	-4	-6	-5	-6	-6	-4	-4	-7	-9	-10	-8	-8	-8	-6	-3	-2	-3	-5	-6	-10	-13	-10	-6	-9
7	-5	-7	-9	-7	-5	-3	1	-0	1	-3	-7	-10	-9	-5	-7	-5	-4	-8	-9	-11	-8	-9	-9	-10
8	-10	-11	-11	-9	-7	-6	-5	-5	-6	-7	-8	-8	-7	-2	4	10	11	10	9	9	7	7	7	6
9	5	8	11	14	17	17	14	12	7	5	4	5	6	7	5	6	5	4	3	2	1	3	0	-1
10	-1	-0	1	2	2	5	8	8	7	8	8	9	7	6	5	4	5	5	8	10	11	13	13	14
11	14	13	9	6	5	3	2	3	5	7	8	8	6	4	1	-1	1	1	3	3	5	6	5	5
12	3	3	4	6	6	7	7	9	10	12	14	13	19	24	23	20	16	6	-5	-13	-14	-5	6	4
13	-2	4	4	7	7	10	14	4	3	3	2	1	-2	-6	-10	-3	-1	4	4	2	6	6	5	4
14	1	-1	-3	-3	-3	-2	-0	-1	1	7	10	8	6	0	-1	-4	-5	1	2	-1	-5	-13	-14	-10
15	-8	-7	-5	0	4	-0	1	3	1	8	9	8	1	-0	-1	-2	-2	-6	-8	-2	5	9	9	5
16	3	1	-3	-5	-5	-5	-4	-2	-0	3	3	3	4	5	6	5	2	0	3	5	7	4	7	11
17	13	12	11	12	9	7	9	10	10	8	10	13	13	12	10	9	2	-5	-5	-3	0	1	1	0
18	0	2	3	4	3	2	2	2	4	4	6	7	8	8	7	7	7	9	11	12	10	9	7	7
19	6	3	11	13	13	13	11	10	6	4	7	9	8	10	10	12	15	17	19	19	16	13	10	9
20	9	9	8	10	9	7	7	7	4	4	6	13	16	16	18	20	19	22	28	26	20	16	10	5
21	6	11	10	10	10	9	10	8	9	9	9	4	-4	-6	-4	-4	-6	-4	-4	-3	-3	-2	-2	-1
22	4	5	5	5	7	9	11	12	14	16	16	12	11	10	13	20	16	15	14	11	3	-19	-19	-5
23	-0	2	1	-2	-3	-9	-10	-17	-12	-8	-15	-18	-10	-8	-8	-22	-19	-25	-22	-24	-31	-25	-19	-14
24	-10	-8	-9	-9	-5	-6	-6	-4	-2	1	-1	-3	-2	-3	-2	-4	-11	-13	-13	-11	-8	-9	-8	-4
25	-5	-5	-2	-0	1	-2	-5	-7	-9	-15	-15	-12	-15	-15	-13	-8	-4	-2	-4	-10	-10	-9	-5	-5
26	-9	-8	-10	-9	-10	-10	-9	-11	-5	-3	-4	-4	-5	-6	-6	-6	-5	-5	-4	-6	-7	-7	-3	1
27	1	-2	-2	-2	-3	-7	-2	-4	-0	3	-1	-3	-0	1	-1	-2	-2	-2	-5	-6	-3	0	1	-1
28	-4	-1	-1	1	-0	-4	-1	3	7	4	2	-1	-2	-3	-4	-4	-5	-7	-4	-1	-3	-5	-4	-2
29	-4	-5	-2	1	2	2	3	5	8	10	13	13	12	6	1	-8	-11	-9	-8	-10	-10	-9	-8	-5
30	-2	-1	-1	-1	-2	0	2	6	8	8	7	8	9	8	7	10	7	5	6	2	2	2	2	5
31	6	8	10	5	2	2	1	1	-2	-1	-2	0	2	3	4	4	5	7	5	4	3	0	0	1

APRIL 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-0	0	3	3	4	4	2	2	2	2	4	7	10	11	11	7	6	7	5	3	0	-1	-0	3
2	4	4	5	4	3	5	4	3	2	-1	0	1	3	4	6	6	3	1	-0	0	2	2	3	7
3	7	8	12	13	12	11	12	11	8	6	6	5	5	7	9	8	8	10	9	11	13	10	9	12
4	12	12	16	14	15	19	16	11	11	12	11	10	12	12	7	1	4	8	12	9	4	1	1	4
5	8	8	8	6	4	3	4	5	5	2	-3	-3	-3	-1	-1	-1	-4	-4	-1	4	2	-3	-1	3
6	5	5	6	7	12	18	23	22	22	22	22	24	26	17	14	14	6	3	7	17	20	16	16	12
7	9	4	-2	-7	-5	-1	-1	-1	-1	-2	0	5	7	-0	-7	-11	-15	-14	-14	-15	-13	-9	-7	-5
8	-4	-1	3	7	7	7	7	6	5	5	6	7	7	7	7	5	5	10	13	14	16	16	12	10
9	9	1	-8	-8	-10	-7	-9	-11	-11	-6	-1	3	6	8	11	10	6	4	0	0	3	4	2	-3
10	-7	-6	-3	0	4	-1	-4	-7	-6	0	2	4	5	5	7	8	8	11	12	10	8	5	4	2
11	2	2	5	7	7	9	13	15	17	20	21	22	24	27	30	32	20	7	-14	-32	-32	-29	-22	-17
12	-14	-9	-5	-5	-5	-6	-3	0	2	3	4	3	4	4	5	5	7	9	2	-1	-3	-3	-1	-2
13	-3	-0	6	7	3	2	3	3	5	7	9	11	11	6	3	5	6	4	2	1	-3	-1	1	4
14	5	7	6	8	11	13	14	12	11	15	18	18	12	9	7	9	10	12	13	10	8	4	4	4
15	4	5	6	5	8	9	8	10	7	6	7	7	6	5	3	-0	-0	-2	-3	-6	-9	-7	-4	-1
16	5	9	12	12	11	14	14	15	14	13	13	13	12	14	12	8	7	6	3	3	2	3	6	10
17	13	15	13	16	13	11	13	18	21	24	23	21	18	32	35	36	40	25	5	20	22	19	20	29
18	33	27	23	-8	-55	-100	-98	-101	-137	-130	-124	-108	-101	-95	-102	-94	-82	-77	-78	-79	-82	-84	-82	-78
19	-74	-69	-64	-61	-59	-57	-55	-51	-52	-53	-47	-46	-44	-45	-48	-55	-57	-49	-48	-51	-59	-62	-58	-51
20	-46	-46	-42	-36	-37	-36	-35	-35	-34	-37	-35	-32	-34	-39	-39	-41	-40	-39	-42	-43	-45	-43	-38	-36
21	-33	-34	-31	-30	-31	-31	-30	-28	-25	-24	-25	-25	-25	-25	-25	-27	-25	-25	-28	-28	-27	-27	-26	-24
22	-24	-21	-19	-20	-23	-22	-18	-17	-16	-15	-21	-21	-21	-20	-21	-21	-22	-20	-15	-13	-13	-13	-17	-14
23	-12	-11	-9	-9	-13	-12	-14	-14	-10	-4	-9	-11	-13	-13	-13	-12	-10	-8	-7	-8	-12	-13	-10	-12
24	-13	-8	-4	-3	-7	-8	-7	-4	-2	-2	-6	-6	-8	-8	-8	-9	-8	-7	-7	-7	-11	-12	-10	-9
25	-8	-7	-5	-3	-2	-2	-1	2	4	6	6	4	4	3	2	1	-1	1	2	0	0	1	0	-5
26	-6	-1	-2	-1	-2	-1	2	1	-0	1	1	1	3	2	3	3	3	3	1	3	0	-1	-3	-4
27	-4	-1	1	2	-1	-5	-5	-4	0	0	-3	-2	-3	-5	-9	-10	-10	-11	-13	-17	-18	-15	-12	-12
28	-11	-8	-2	0	1	0	1	2	5	8	7	5	3	3	2	2	3	1	1	1	1	1	2	0
29	-0	1	3	6	5	3	5	7	8	9	8	6	4	1	-1	-0	4	8	7	5	5	5	8	9
30	10	-4	-2	7	5	0	-0	0	0	2	1	0	-1	-3	-2	-5	-6	-2	2	3	-1	-1	-3	-1

MAY 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	2	5	6	2	2	3	3	3	0	4	6	5	6	8	7	6	7	9	6	4	5	4	1
2	1	3	5	8	9	8	8	9	9	10	11	9	7	7	7	7	5	5	5	6	5	6	4	4
3	2	1	1	1	2	0	0	2	2	6	8	7	2	-1	-0	5	7	8	10	8	7	8	7	9
4	8	7	9	10	10	10	11	12	12	11	11	9	10	11	12	12	11	12	17	22	20	17	16	23
5	14	3	-14	-16	-19	-23	-38	-30	-24	-24	-22	-17	-13	-12	-14	-13	-17	-22	-16	-10	-15	-17	-16	-21
6	-22	-22	-17	-15	-14	-12	-11	-8	-3	0	0	2	-2	-3	-3	-5	-7	-5	1	-1	-5	-7	-8	-10
7	-7	-6	-9	-5	-3	-1	0	1	1	1	1	-2	-4	-4	-3	-4	-5	-5	-4	-2	-4	-7	-9	-8
8	-7	-3	-1	-1	-2	-1	-0	2	4	1	-2	-5	-2	3	2	2	5	5	8	8	-5	-17	-33	-42
9	-36	-29	-25	-25	-24	-20	-20	-15	-11	-10	-12	-13	-13	-11	-11	-12	-12	-13	-11	-10	-11	-18	-20	-23
10	-16	-17	-13	-18	-19	-19	-15	-13	-10	-11	-12	-11	-12	-12	-13	-13	-11	-11	-7	-7	-8	-10	-10	-10
11	-9	-8	-8	-6	-5	-5	-4	-3	-2	-1	1	2	3	-2	-5	-6	-5	-6	-5	-4	-5	-5	-3	-4
12	-3	-1	-4	-2	-6	-5	-6	-6	-5	-4	-3	-1	-3	-4	-4	-1	2	2	2	2	-1	-1	-2	-1
13	-2	-1	0	1	1	3	3	3	4	3	-0	-1	2	1	6	8	7	3	1	-0	-1	-1	1	2
14	2	2	3	3	4	5	4	6	6	7	9	11	11	9	10	11	13	13	17	18	13	13	12	11
15	12	17	20	21	19	17	17	16	17	15	19	20	18	14	13	12	14	18	19	21	17	12	13	16
16	22	29	29	33	29	25	13	1	-6	1	4	7	9	-4	-10	-9	-8	-10	-10	-11	-10	-12	-10	-10
17	-8	-10	-12	-11	-10	-11	-8	-4	-5	-2	1	4	4	-1	-5	-6	-2	1	6	4	3	-1	-1	-1
18	0	2	2	1	3	3	5	6	3	2	3	2	4	7	9	11	11	11	9	6	7	6	5	5
19	3	1	1	1	4	5	6	6	3	2	0	-1	-2	-1	-0	2	4	6	8	8	10	11	12	10
20	10	10	10	9	9	10	10	9	8	8	7	11	15	16	15	16	15	17	15	17	23	22	20	22
21	18	15	15	17	18	17	18	16	11	10	7	8	6	4	1	3	3	8	7	5	2	-3	-1	-3
22	-4	-4	-3	-7	-7	-4	-3	-3	-3	-5	-6	-6	-5	-1	3	8	9	16	14	9	10	11	9	10
23	8	6	5	4	5	4	3	1	1	1	-0	-2	-3	-5	-9	-10	-9	-5	3	8	9	7	8	
24	8	9	8	8	12	10	6	4	3	1	2	3	6	6	6	6	10	9	7	5	1	-1	-1	3
25	8	9	10	11	14	13	13	13	9	7	6	6	7	7	5	6	5	6	10	12	12	8	5	6
26	9	10	13	14	14	16	15	13	12	12	15	15	16	14	11	11	10	12	15	21	24	23	23	25
27	26	23	13	10	11	13	12	10	9	9	10	7	4	-0	-2	-1	2	6	11	14	15	16	14	12
28	14	14	13	13	10	12	12	12	12	10	9	8	7	9	8	7	4	5	10	7	10	13	13	10
29	11	12	12	14	14	12	11	12	13	13	14	11	8	7	7	6	5	10	14	17	17	17	15	14
30	17	18	18	14	13	15	13	15	16	17	14	14	15	14	17	17	15	17	13	13	13	12	10	9
31	9	8	8	8	9	7	6	4	5	4	3	4	10	10	9	9	9	13	21	21	19	17	15	15

JUNE 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	16	19	21	19	19	20	22	20	19	19	18	16	16	14	15	13	15	21	28	29	23	16	14	14
2	15	17	18	18	17	19	17	16	15	13	12	11	10	11	13	10	10	14	10	6	4	2	5	6
3	8	11	12	11	10	9	8	6	3	2	5	10	14	18	20	19	17	14	18	18	15	6	0	3
4	6	7	10	16	21	21	15	12	10	6	1	1	4	2	-3	-4	-1	-2	4	1	-3	-11	-10	-4
5	1	2	-5	-11	-7	-2	-5	-5	-4	-2	-2	-5	-5	-2	-1	-3	-3	-2	-0	1	3	6	8	9
6	11	11	9	6	6	5	4	3	1	-1	-4	-5	-3	-0	-0	0	-1	-3	-3	-1	1	1	1	4
7	2	1	-2	-2	-3	-4	-2	-0	-0	2	2	-0	-4	-5	-5	-5	-7	-7	-4	-0	1	2	3	5
8	6	8	7	6	4	2	6	9	6	7	11	13	15	13	13	14	15	15	10	4	6	-5	-14	-14
9	-12	-7	-6	-6	-1	0	-10	-17	-21	-24	-25	-26	-21	-20	-18	-18	-15	-6	-6	-11	-16	-16	-14	-11
10	-6	-2	-4	-5	-2	1	3	5	5	6	6	5	2	1	0	0	-0	2	2	2	1	-1	-0	1
11	-0	1	3	6	4	4	4	4	6	6	6	8	10	15	17	15	18	17	18	24	21	16	10	10
12	10	12	11	13	13	13	12	10	10	12	13	14	13	9	7	9	8	10	12	12	11	11	12	15
13	15	14	14	15	15	15	15	16	16	15	21	21	21	22	21	19	19	18	15	16	18	22	25	25
14	26	26	25	21	20	17	17	19	21	16	14	15	14	18	22	23	24	28	26	18	7	1	-0	4
15	9	9	7	7	10	12	14	15	12	11	13	25	20	23	8	-2	-7	-11	-20	-21	-17	-13	-2	2
16	-0	7	5	0	-3	-9	-21	-24	-16	-25	-39	-43	-46	-50	-47	-63	-68	-68	-72	-86	-102	-101	-92	-90
17	-73	-63	-65	-58	-59	-50	-52	-50	-43	-47	-45	-42	-40	-38	-35	-32	-34	-41	-37	-35	-27	-22	-26	-27
18	-40	-29	-26	-29	-27	-27	-30	-29	-27	-21	-19	-26	-25	-23	-23	-23	-22	-19	-12	-12	-4	-8	-14	-19
19	-19	-20	-18	-15	-14	-14	-13	-10	-10	-12	-12	-8	-5	-3	-4	-6	-9	-10	-6	-5	-2	-1	1	-2
20	-4	-6	-7	-4	-5	-7	-7	-6	-6	-5	-6	-6	-2	-0	0	-1	-3	-7	-8	-8	-6	-6	-7	-8
21	-6	-5	-3	-3	-2	-1	-2	-2	-3	-5	-5	-3	-0	3	3	3	3	4	4	5	5	6	5	4
22	2	2	1	1	2	1	2	1	2	-2	-5	-6	-5	-5	-5	-4	-5	-3	-2	-2	-0	0	2	5
23	5	7	7	7	7	4	2	3	4	3	0	-1	0	2	1	2	6	8	9	6	3	1	3	4
24	6	6	9	10	9	8	5	5	7	8	8	5	3	4	3	6	15	18	19	16	11	13	15	15
25	14	13	11	12	13	13	16	16	15	16	19	14	15	20	22	9	-2	-3	-8	-12	-9	-4	2	7
26	1	0	3	1	1	3	1	-4	-3	-2	-2	-5	-1	2	1	1	-1	-0	-1	-2	2	2	2	3
27	1	1	-1	-1	-0	0	-5	-7	-9	-9	-7	-5	-1	1	4	3	2	2	2	1	-2	-3	2	4
28	4	3	1	0	3	4	1	-1	-2	-1	1	2	5	6	6	10	9	8	5	2	1	3	1	5
29	12	15	20	25	18	23	7	1	8	10	4	8	10	12	12	10	8	8	3	3	5	2	-0	-0
30	-2	-1	-0	2	2	-4	-4	-2	1	-4	-3	1	-2	-3	-2	-3	-1	1	3	-2	-9	-7	-9	-8

JULY 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-4	-4	-2	-1	1	5	0	-5	-6	-7	-5	-3	-5	-4	-5	-5	-4	-2	-2	-4	-3	-8	-2	-4
2	-3	-3	-3	-0	-0	-3	-4	-4	-1	-0	0	-2	-9	-9	-5	-3	0	2	-1	-2	1	-1	-3	-7
3	-4	-2	1	1	-0	-3	-3	1	3	3	3	4	5	11	13	12	12	13	12	6	1	2	1	-1
4	-3	-4	-2	1	1	3	1	0	4	3	3	3	3	4	7	10	10	11	11	8	11	11	11	11
5	11	12	12	13	13	14	14	14	13	13	12	13	12	11	10	8	6	7	12	17	20	22	24	24
6	20	16	11	7	5	16	20	22	15	2	-10	-17	-11	-10	-10	-17	-24	-24	-26	-28	-24	-19	-15	-13
7	-11	-17	-19	-18	-12	-11	-12	-12	-9	-8	-10	-10	-5	-0	2	-1	-4	-5	-6	-11	-9	-4	3	5
8	3	2	-3	2	-2	-1	4	9	10	7	7	7	9	19	16	17	18	6	-6	-7	-9	-8	-5	-7
9	-11	-14	-11	-7	-6	-6	-6	-8	-7	-1	-2	-2	-2	-1	-2	-8	-7	-7	-3	1	8	14	21	23
10	17	13	6	-12	-22	-20	-14	-14	-9	-7	-7	-10	-12	-10	-11	-14	-16	-12	-10	-11	-9	-5	-4	-2
11	-3	-3	-4	-4	-5	-6	-7	-7	-5	-4	-1	1	0	1	-3	-5	-2	-1	-0	-0	-1	-5	-5	-4
12	-0	1	2	2	2	2	1	3	6	8	8	5	1	-1	-1	0	14	18	23	24	18	17	22	19
13	16	18	17	16	16	15	13	11	8	8	14	14	14	12	12	8	4	1	2	3	8	15	15	14
14	9	10	7	2	2	5	4	3	4	7	9	12	11	10	10	8	4	6	9	11	12	14	17	14
15	11	13	11	11	10	11	7	5	4	2	3	-0	-6	-9	-8	-5	-4	-2	-1	-2	-3	-6	-6	-11
16	-11	-8	-6	-5	-4	-4	-2	-1	2	3	1	1	-1	-2	-1	-1	-1	-1	-1	0	1	1	2	3
17	5	7	7	9	8	7	6	5	7	7	6	9	8	9	14	15	13	12	16	15	16	17	17	15
18	12	11	11	11	12	13	12	12	11	11	9	8	9	10	11	23	41	46	37	36	36	32	33	33
19	34	32	20	15	11	14	12	4	-14	-22	-20	-20	-20	-13	-12	-16	-19	-17	-15	-13	-11	-10	-6	-3
20	-1	1	2	1	1	3	2	1	2	-1	0	1	1	3	3	1	-1	-4	-9	-11	-12	-11	-7	-4
21	-5	-5	-2	-3	-2	-1	-2	1	5	8	9	7	3	3	1	3	4	6	9	7	8	11	11	10
22	9	9	8	9	9	8	8	13	16	15	12	9	8	9	12	14	14	16	18	17	23	26	17	12
23	16	17	14	12	13	15	7	4	7	10	13	15	17	16	9	6	6	2	-0	-7	-9	-5	3	7
24	7	7	4	8	8	12	11	11	8	8	7	10	8	5	0	1	2	0	-4	-3	5	10	12	11
25	8	5	1	-2	-2	-1	0	-0	4	7	10	10	9	11	9	7	9	11	8	6	8	9	9	9
26	10	12	13	12	9	10	8	9	13	14	13	7	4	6	6	6	5	6	5	4	8	12	9	8
27	6	10	15	15	14	14	20	25	24	25	25	23	18	18	20	16	14	11	7	5	3	8	7	4
28	2	2	4	9	11	1	-9	-12	-11	-10	-9	-7	-5	-0	1	-1	-2	-4	-8	-13	-13	-14	-14	-13
29	-15	-9	-4	-5	0	-2	5	4	5	3	0	-1	0	-3	-6	-9	-8	-7	-13	-22	-15	-11	-7	-5
30	-6	-0	1	-2	-3	-2	-2	-3	-2	-1	-1	-4	-5	-4	-4	-4	-5	-6	-1	1	4	2	1	-1
31	-3	-1	3	5	4	5	5	4	5	6	6	8	9	8	6	5	6	3	0	-4	-6	-7	-6	-6

AUGUST 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-7	-1	2	3	4	6	9	9	8	8	8	7	8	10	11	11	11	12	13	13	11	11	14	12
2	11	13	18	21	23	27	22	23	14	2	-4	2	7	9	7	-2	-12	-15	-18	-19	-18	-12	-11	-12
3	-12	-11	-10	-10	-8	-3	0	2	4	4	4	-1	-0	-3	-2	-4	-7	-11	-12	-12	-8	-3	2	2
4	-2	-5	-5	-5	-1	1	4	5	5	5	7	6	4	5	7	2	-4	-0	3	2	5	8	9	6
5	4	6	8	8	10	12	14	13	13	11	8	5	1	4	5	6	7	7	6	5	4	-1	1	2
6	2	4	3	4	7	7	6	5	5	7	6	5	2	2	3	3	3	4	4	4	5	4	9	12
7	14	16	21	21	19	18	21	21	28	30	30	26	23	22	18	13	13	10	9	8	7	8	12	14
8	12	9	13	17	17	20	17	11	8	7	10	13	11	12	13	12	15	8	3	1	5	3	3	4
9	3	6	12	14	12	13	15	16	17	15	14	10	6	2	-0	2	2	-1	-2	-3	-3	-4	-1	-1
10	-1	1	5	6	5	10	11	10	10	9	5	1	2	1	2	6	7	7	8	8	9	9	5	4
11	-5	5	1	-2	3	7	9	11	9	9	12	11	13	14	14	12	14	13	10	6	6	2	-2	-4
12	-1	3	9	8	10	11	13	12	10	8	8	10	13	12	9	7	7	9	7	2	1	1	-2	0
13	3	8	11	12	10	11	10	11	9	7	10	15	21	23	22	20	19	19	17	18	21	20	21	17
14	13	9	4	4	2	0	-0	0	3	1	-4	-6	-7	-6	-1	3	6	7	-0	-1	-4	-4	-6	-7
15	-4	2	6	9	9	11	12	8	3	0	-1	3	4	3	2	-1	-1	-1	-5	-9	3	10	8	11
16	12	13	14	16	14	15	15	19	18	23	24	28	31	34	28	30	33	30	25	21	18	13	11	11
17	11	20	22	16	11	5	7	1	-3	-1	-1	-0	-2	-2	-0	1	2	-0	-5	2	4	1	-4	-11
18	-13	-6	2	5	6	7	6	6	5	7	9	8	10	18	29	42	44	40	30	-6	-34	-36	-23	-14
19	-18	-17	-10	-5	-6	-7	-9	-18	-16	-8	-6	-3	-1	-4	-9	-7	-10	-18	-20	-22	-23	-13	-8	-9
20	-10	-9	-5	-1	1	-1	0	-1	5	0	-4	-1	0	3	4	4	4	-4	-11	-11	-17	-16	-16	-9
21	-12	-7	-9	-10	-3	-7	-7	-11	-12	-11	-8	-7	-6	-9	-11	-9	-11	-15	-14	-11	-8	-5	-6	-8
22	-7	-4	-0	2	2	1	1	0	-5	-9	-5	-1	1	1	0	-3	-6	-6	-11	-13	-13	-11	-15	-21
23	-24	-15	-8	-4	-3	-1	1	4	2	-1	-2	-1	-1	6	13	21	12	7	4	3	7	-12	-16	-11
24	-10	-5	1	0	-2	-0	-0	1	1	-4	-4	-4	-5	-7	-6	-5	-3	-2	-2	-3	-7	-15	-18	-22
25	-15	-12	-2	2	1	-2	-3	-3	-4	1	3	2	0	-1	-6	-10	-9	-10	-10	-11	-8	-6	-5	-3
26	-3	2	9	9	5	2	7	6	4	6	5	7	10	12	11	6	5	6	3	0	3	3	5	4
27	3	8	14	14	11	9	8	11	8	7	9	9	10	11	10	8	9	7	1	-2	-2	-3	-4	-3
28	1	2	10	10	9	10	10	10	10	10	11	11	10	9	7	6	7	7	8	8	10	10	9	8
29	9	10	13	13	11	11	11	11	10	12	17	20	18	18	17	15	16	17	12	15	11	13	12	9
30	4	2	3	8	11	11	8	5	0	6	13	18	16	12	11	10	16	18	17	8	4	1	-2	-2
31	5	5	5	4	3	6	12	12	4	-1	-4	1	4	2	2	2	8	10	7	5	1	-1	3	5

SEPTEMBER 1955

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	5	7	7	8	9	8	11	12	11	14	17	16	15	17	17	15	13	9	6	5	9	11	8	4
2	-1	3	3	4	6	10	12	12	13	10	10	10	8	5	3	3	6	7	5	3	1	1	-2	-3
3	0	3	5	8	11	12	14	11	12	13	14	14	17	18	17	14	14	13	9	8	9	12	15	8
4	7	3	3	8	9	10	16	11	18	23	24	18	15	13	10	9	11	7	-12	-11	-8	-8	-5	-5
5	-2	0	3	4	3	4	4	10	13	13	14	10	7	8	8	9	12	12	9	2	-1	0	2	1
6	2	-1	-3	8	12	9	11	15	14	14	16	16	13	14	14	6	1	6	6	9	11	10	7	5
7	7	9	12	13	10	10	15	14	11	14	18	18	17	19	17	12	8	9	10	13	14	12	6	2
8	9	7	3	11	10	10	10	10	10	11	9	8	10	12	14	12	11	9	8	7	8	9	8	6
9	6	6	7	9	8	8	11	11	10	11	10	8	9	11	10	10	8	5	4	6	8	8	5	7
10	9	10	12	13	12	11	12	14	13	11	12	13	12	10	10	8	7	6	8	9	12	14	16	17
11	19	20	20	20	20	19	21	20	18	22	25	25	29	29	29	26	24	26	29	34	40	34	27	20
12	14	10	3	5	6	9	12	11	13	14	16	17	18	15	15	17	19	11	12	22	27	24	21	12
13	2	-6	-3	2	4	5	5	6	7	9	8	9	11	8	10	12	15	17	20	22	22	17	12	9
14	9	7	5	6	6	7	8	9	11	12	12	11	10	6	5	7	12	15	15	10	3	-1	-3	2
15	5	3	0	2	2	0	-2	-3	-4	-1	1	5	5	3	-0	4	-6	-25	-26	-14	-15	-28	-44	-52
16	-56	-61	-53	-35	-28	-11	-2	-18	-30	-31	-22	-7	-6	-4	-9	-22	-17	-17	-28	-21	-14	-22	-25	-22
17	-21	-18	-16	-12	-9	-7	-8	-15	-13	-9	-7	-2	1	1	-4	-16	-14	-5	-4	-5	-10	-12	-18	-23
18	-25	-22	-19	-18	-14	-17	-15	-10	-6	-7	-4	-2	-1	-5	-15	-20	-22	-21	-23	-25	-18	-11	-20	-20
19	-13	-14	-13	-12	-7	-3	-10	-9	-4	3	6	5	-5	-11	-14	-15	-16	-18	-16	-9	-7	-3	-3	-2
20	-3	-4	-5	-8	-8	-7	-6	-0	2	3	1	1	2	1	-2	-2	-2	-2	-4	-4	-2	2	3	0
21	-4	-5	-4	-3	-0	3	2	2	4	6	4	1	1	3	2	-0	-1	-2	-2	3	9	11	12	11
22	9	4	2	0	-0	-2	-3	-1	6	9	12	14	15	14	16	19	21	25	27	24	25	25	26	29
23	28	24	22	22	22	23	20	21	23	26	21	19	17	12	6	2	-5	-3	-2	-3	2	6	7	7
24	11	11	9	5	2	5	7	6	4	1	2	5	7	10	7	9	11	10	6	2	4	12	12	8
25	5	4	-0	-11	-15	-18	-15	-10	-8	-8	-4	-3	0	-3	-7	-8	-6	-3	2	3	3	4	5	3
26	8	7	2	5	-1	-6	-8	-9	-10	-8	-3	-6	-6	-10	-8	-7	-4	-2	1	5	6	13	11	1
27	-8	-12	-6	-3	-1	0	3	8	13	17	18	16	16	12	11	15	13	-4	-15	-31	-45	-59	-64	-64
28	-52	-53	-58	-57	-51	-46	-38	-32	-33	-33	-36	-34	-28	-19	-12	-10	-6	-6	-8	-9	-14	-7	-4	-4
29	-4	-6	-7	-6	-10	-10	-9	-13	-7	-4	-6	-6	-7	-9	-13	-17	-13	-10	-7	-6	-8	-8	-8	-6
30	-8	-8	-10	-11	-7	-5	-4	-4	-5	-6	-7	-7	-7	-5	-5	-4	-4	-4	-2	0	2	4	5	4

OCTOBER 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	4	4	3	3	5	6	8	9	10	8	8	11	12	11	12	13	14	14	15	17	18	18	17	18
2	13	0	-2	2	4	5	2	10	13	13	12	7	1	1	-3	-7	1	3	4	-8	-12	-17	-14	-7
3	-3	-3	-5	-6	-5	-3	-1	-0	-1	2	5	8	8	8	5	3	3	2	3	6	6	4	1	1
4	-2	-6	-5	-1	1	3	5	6	6	8	8	7	4	5	8	9	9	11	14	14	10	9	7	7
5	8	11	17	27	27	28	19	23	24	25	25	29	28	20	15	18	20	20	24	27	26	19	17	15
6	13	11	8	6	6	6	7	6	3	1	2	3	4	4	7	7	9	12	11	12	15	16	15	14
7	14	14	12	11	11	12	13	18	17	36	35	35	34	35	36	30	25	23	25	27	29	28	31	25
8	20	16	23	35	37	34	33	23	15	15	19	15	15	18	27	29	28	31	26	16	5	1	6	7
9	8	5	1	-0	2	5	5	6	7	9	11	11	11	12	10	11	11	12	14	14	12	14	16	17
10	18	18	15	14	11	11	12	12	16	20	18	17	16	16	15	15	18	18	17	15	13	14	18	21
11	22	18	15	13	12	14	15	16	15	13	13	14	14	15	12	11	12	15	16	17	23	25	24	22
12	15	10	9	9	10	10	9	11	12	13	13	14	11	11	13	13	14	17	18	14	16	19	19	21
13	19	19	17	11	6	7	10	11	12	11	11	12	13	16	17	19	19	19	7	-1	-2	6	12	14
14	15	9	2	-3	-1	-0	2	5	7	8	6	9	9	9	9	10	10	7	6	8	10	12	12	8
15	6	6	5	5	5	4	5	7	6	6	7	9	13	14	14	13	13	13	10	10	11	12	11	12
16	12	13	12	14	14	14	15	17	15	15	16	18	19	18	18	16	15	14	11	13	16	17	20	22
17	21	18	17	15	14	15	17	17	15	15	17	22	22	24	25	25	24	23	22	23	26	28	28	32
18	33	27	24	25	27	23	18	19	18	19	21	18	19	20	18	14	13	15	14	13	16	20	22	22
19	21	19	17	18	17	18	17	19	20	20	17	18	16	14	14	10	8	12	15	17	21	22	22	22
20	21	20	19	19	17	17	18	20	19	20	23	22	23	24	25	24	23	21	20	20	19	21	23	22
21	23	22	22	19	17	17	16	16	17	18	17	17	18	18	17	16	16	17	17	19	19	19	19	20
22	20	25	30	28	30	34	36	33	28	28	25	25	33	35	38	29	22	19	-2	6	14	10	7	3
23	3	4	3	-0	-2	1	-7	-12	-8	-4	8	9	-6	-7	2	8	9	3	1	-4	-8	-18	-16	-12
24	-11	-14	-14	-10	-10	-7	0	1	0	-5	-5	-3	1	4	4	-0	1	8	9	7	3	4	7	3
25	-6	-13	-14	-14	-11	-6	-7	-7	-7	-7	-7	-4	-3	-2	-6	-5	-7	0	5	5	4	-1	-3	-2
26	0	4	0	2	5	9	11	11	8	7	8	7	8	11	11	11	13	16	18	16	11	9	10	12
27	14	14	14	14	15	17	17	19	17	13	15	14	11	9	13	18	19	19	22	22	23	18	17	20
28	13	11	0	5	11	17	20	19	16	13	11	5	1	8	10	8	5	3	1	3	1	-1	-0	2
29	-1	-0	-0	0	3	4	7	6	4	4	5	7	9	10	12	13	13	14	16	17	16	12	5	6
30	6	7	5	3	1	1	0	2	2	5	3	2	-2	0	4	7	7	10	11	11	13	12	11	9
31	9	6	5	6	8	9	9	14	17	18	17	16	16	16	16	13	6	7	2	-3	-6	-8	-7	-3

NOVEMBER 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	3	1	2	5	7	10	12	13	13	13	14	13	15	13	12	10	9	9	10	7	8	6	7
2	10	6	4	3	7	8	10	13	14	17	18	18	17	13	6	1	1	2	2	1	2	3	7	8
3	9	7	4	5	6	7	6	5	5	5	4	7	10	12	12	10	7	7	8	7	10	11	11	12
4	12	25	25	24	30	34	34	32	33	34	41	37	15	13	18	22	17	17	16	19	17	16	18	18
5	21	19	25	29	26	19	16	14	14	19	26	32	29	18	13	13	17	19	16	14	0	-12	-22	-26
6	-25	-28	-30	-31	-29	-19	-13	-8	-11	-12	-3	8	11	7	9	6	1	1	1	-5	-7	-13	-13	-8
7	-12	-19	-13	-7	-4	-5	-6	-7	-7	-5	2	6	7	8	9	7	4	0	-1	-2	-4	-1	3	▼
8	8	6	3	4	8	9	8	11	12	14	17	18	18	17	15	12	10	14	15	16	13	13	15	10
9	8	6	7	9	10	11	10	8	10	10	11	15	16	18	16	14	12	10	10	10	11	8	7	7
10	12	14	13	13	15	14	15	18	20	20	20	18	17	16	19	21	20	21	21	23	23	21	18	19
11	18	18	18	19	20	23	24	23	22	18	19	23	23	21	19	20	18	21	24	22	20	17	21	23
12	22	22	20	21	21	21	21	21	23	23	22	25	28	27	25	29	33	37	42	41	39	39	35	31
13	27	23	17	15	11	10	11	13	12	11	13	12	13	13	14	17	19	22	18	13	10	-3	-1	4
14	6	6	8	10	16	16	16	19	18	17	17	18	20	18	16	14	13	11	7	7	8	9	10	10
15	9	9	9	10	11	13	14	14	14	11	12	14	19	18	18	19	19	16	10	8	7	8	8	10
16	11	11	13	12	12	12	12	12	11	10	13	14	14	14	16	18	18	19	18	16	14	13	11	12
17	13	14	15	14	17	21	19	14	16	16	16	17	18	19	19	22	21	19	18	19	21	19	22	22
18	19	14	14	17	27	34	36	35	34	32	31	27	25	27	24	24	24	22	22	19	16	18	21	23
19	24	25	26	25	13	9	7	4	9	9	-0	2	7	8	3	1	2	2	4	3	1	2	3	2
20	2	-2	-6	-7	-9	-10	-5	1	-2	-3	-3	3	14	10	8	11	9	4	2	6	-1	-9	-15	-15
21	-17	-19	-16	-16	-13	-12	-12	-9	-6	-1	0	4	3	3	2	4	10	11	10	6	2	3	4	6
22	4	1	2	3	2	-1	-1	-1	-0	3	4	7	8	6	7	8	9	8	9	9	7	6	6	6
23	7	8	7	7	7	6	4	5	7	7	9	11	10	11	12	13	12	14	14	13	12	15	19	16
24	11	10	11	17	18	18	16	17	21	21	23	27	26	22	24	25	26	23	19	12	10	9	10	11
25	10	8	9	12	15	16	15	16	17	18	18	21	22	22	21	21	21	25	26	23	15	12	11	11
26	11	14	14	17	21	17	13	13	13	12	16	17	18	14	13	11	14	15	13	12	12	13	12	16
27	15	12	12	14	14	9	4	4	7	9	12	14	16	15	16	19	21	19	13	15	17	20	17	13
28	15	13	12	14	16	16	17	18	19	19	18	18	15	12	13	12	14	14	17	19	22	26	27	26
29	27	24	22	20	19	22	23	24	27	25	26	29	26	21	20	18	16	16	15	15	13	10	11	11
30	11	12	15	19	20	25	25	34	37	40	41	36	24	14	15	21	23	19	-4	-1	-4	-10	-8	-5

DECEMBER 1965

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-1	-2	-4	-4	0	1	-2	-2	3	5	14	25	27	7	-3	-3	-3	2	1	-13	-17	-15	-21	-13
2	-8	-11	-14	-12	-4	-4	-5	-2	2	6	1	1	4	4	2	1	2	4	6	5	2	3	5	5
3	5	3	1	1	-0	-2	-4	-1	2	5	7	11	12	10	10	11	12	13	13	12	10	8	10	10
4	9	6	3	4	8	10	10	13	17	20	30	30	28	33	33	16	6	5	1	-1	-5	-2	-1	-0
5	-0	-0	1	3	4	5	5	7	8	8	9	14	12	11	15	19	19	19	18	16	14	16	16	15
6	14	14	14	12	11	11	11	10	13	17	19	18	16	14	13	16	19	19	16	13	17	19	20	20
7	22	13	15	16	17	15	13	9	10	10	12	18	20	18	17	18	18	17	14	11	10	12	12	11
8	13	11	9	11	13	15	15	19	22	22	22	26	28	28	33	33	29	34	34	24	27	34	36	32
9	24	23	23	23	23	21	16	12	8	7	8	12	14	6	11	17	23	22	18	15	13	13	15	14
10	17	17	17	17	18	17	18	22	20	18	16	17	15	19	23	24	26	16	-0	1	3	4	1	2
11	7	7	4	5	5	7	6	4	6	6	2	2	2	7	11	9	11	7	14	9	7	4	2	-1
12	-3	-3	-0	4	2	7	11	11	12	9	10	13	14	12	10	7	9	9	5	-0	3	1	1	4
13	5	2	2	3	2	-1	-0	3	3	4	4	4	3	4	5	10	13	13	12	6	3	5	6	6
14	5	7	9	9	12	13	16	17	15	13	13	13	12	10	14	18	16	14	11	10	7	6	5	4
15	6	7	10	14	16	17	17	18	17	16	16	18	18	17	20	23	23	22	20	19	20	21	19	17
16	17	17	17	18	20	21	21	20	20	21	26	27	28	34	33	30	28	29	29	27	28	29	27	26
17	26	27	27	26	23	21	19	20	22	27	28	28	26	22	19	19	22	24	24	23	25	26	26	24
18	25	27	23	24	23	21	24	31	39	39	35	33	34	30	29	31	18	-5	-18	-25	-20	-9	-4	-8
19	-17	-20	-15	-13	-11	-12	-15	-14	-13	-14	-11	-8	-8	-8	-6	-4	-1	2	-4	-10	-16	-11	-6	-2
20	-2	-3	-2	-0	2	4	4	4	3	4	5	5	5	7	10	14	14	13	9	3	1	4	8	13
21	15	14	11	6	5	5	5	5	5	6	5	5	5	8	9	7	5	11	15	15	17	20	23	28
22	31	32	30	31	33	23	22	29	29	28	19	21	13	9	12	15	14	12	10	9	9	8	9	5
23	4	6	8	9	10	10	7	3	-1	1	4	7	8	11	13	10	7	11	12	11	11	12	12	14
24	16	19	19	16	14	14	12	12	11	10	10	14	14	17	25	27	21	20	19	39	44	34	17	-6
25	3	2	-3	2	-1	-3	-2	-0	-4	-0	2	0	-0	-1	3	9	11	13	17	15	14	21	23	24
26	28	26	21	23	21	20	8	2	-1	-3	4	-2	-4	-7	-6	-3	-3	-8	-2	1	2	5	8	7
27	8	11	13	13	9	5	5	4	5	5	8	5	-2	4	9	9	7	5	3	-7	-5	-1	4	5
28	7	6	5	8	8	8	6	3	7	6	0	-5	-4	-0	5	7	-5	-8	-3	-10	-11	-7	1	1
29	0	0	0	0	1	2	1	1	0	3	3	1	2	4	10	13	4	0	4	8	10	10	9	10
30	11	13	12	10	11	14	15	19	16	14	10	7	1	-2	1	2	1	-2	3	4	5	9	12	12
31	11	12	12	12	13	13	10	10	9	11	13	11	8	5	7	11	11	8	6	5	6	10	11	12

DAILY MEANS OF EQUATORIAL DST FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	13	6	-3	4	4	19	-3	8	11	11	9	-1
2	10	13	2	3	7	12	-3	3	5	1	8	-0
3	3	11	-12	9	4	11	4	-4	11	2	8	7
4	11	0	-41	10	13	4	5	3	7	6	24	11
5	6	4	-7	2	-17	-1	14	7	5	21	14	11
6	11	5	-7	15	-7	2	-5	5	9	8	-9	15
7	12	-37	-6	-4	-4	-1	-8	18	12	24	-2	15
8	-6	-11	-1	7	-3	7	4	10	9	21	12	24
9	-3	-12	7	-0	-17	-14	-2	6	8	9	11	16
10	2	-11	7	3	-13	1	-8	6	11	16	18	15
11	0	-6	5	6	-4	10	-3	7	25	16	21	6
12	8	-4	7	-0	-2	11	8	7	14	13	28	6
13	-7	7	3	4	2	18	11	15	9	12	13	5
14	1	1	-1	10	9	18	8	0	8	7	13	11
15	5	-6	1	3	17	4	1	3	-8	9	13	17
16	5	-3	2	10	4	-44	-1	21	-23	16	14	25
17	3	0	7	21	-3	-44	10	3	-10	21	18	24
18	4	2	6	-76	5	-22	20	6	-15	20	24	17
19	6	2	11	-55	4	-9	-4	-11	-8	17	8	-10
20	11	10	13	-39	14	-5	-2	-4	-2	21	-1	5
21	5	-6	3	-28	8	0	4	-9	2	18	-2	10
22	-3	1	8	-19	2	-1	13	-5	13	23	5	19
23	1	-4	-13	-11	2	4	8	-1	13	-2	10	8
24	2	-12	-6	-7	5	9	6	-5	7	-1	18	18
25	10	-12	-7	0	9	9	6	-5	-4	-5	17	6
26	12	-8	-6	0	15	0	9	5	-1	9	14	6
27	11	-3	-2	-7	10	-1	15	6	-7	16	14	5
28	6	-2	-2	1	10	3	-5	8	-27	8	17	1
29	3	0	-1	5	12	9	-5	13	-8	8	20	4
30	2	0	4	-0	15	-2	-2	8	-4	5	17	8
31	7	0	3	0	10	0	2	4	0	8	0	10
MEAN	5	-3	-1	-4	4	0	3	4	2	12	12	10

ANNUAL MEAN 4

JANUARY 1956

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	5	6	8	11	14	15	18	21	21	21	23	19	19	19	19	16	16	16	17	18	22	24
2	25	18	28	31	26	27	29	24	22	24	22	23	23	18	22	23	18	19	18	20	18	17	17	11
3	7	8	6	7	8	8	10	14	15	11	8	8	9	10	11	10	8	8	6	9	6	5	5	4
4	8	12	10	10	11	10	10	11	9	12	16	23	27	28	30	33	28	22	21	7	-3	-1	-5	-7
5	-4	1	-0	1	2	1	1	0	-3	-3	-2	-1	0	5	8	12	13	15	14	12	10	8	6	7
6	8	9	8	7	9	10	8	5	1	1	1	6	12	17	22	23	23	23	21	21	18	18	14	12
7	14	15	15	12	12	10	4	1	2	5	8	9	11	12	14	25	28	24	25	19	-0	2	4	1
8	-1	3	7	7	10	13	11	4	5	8	12	16	18	17	18	16	16	16	15	14	11	7	6	5
9	10	16	18	17	16	18	16	15	15	14	10	6	8	12	12	12	9	4	4	8	6	0	0	-0
10	3	10	11	8	0	2	0	1	4	3	4	7	7	7	7	11	13	11	10	6	5	4	3	0
11	1	6	10	11	12	13	15	17	15	11	7	8	10	12	12	9	12	14	16	14	14	14	15	17
12	18	17	15	14	13	12	10	10	13	10	8	9	10	11	12	13	16	18	18	19	21	24	21	21
13	20	20	22	23	24	24	24	23	25	27	25	23	19	18	17	16	17	17	18	20	21	19	20	19
14	20	24	24	23	24	27	28	32	33	29	29	31	35	36	33	22	20	24	25	22	18	15	10	9
15	9	9	8	10	14	17	19	20	20	23	24	24	23	23	22	23	27	27	25	23	18	17	17	18
16	21	22	22	20	17	19	21	20	20	21	21	21	21	20	20	20	20	19	18	17	16	17	19	18
17	18	19	19	18	18	18	22	24	24	24	26	27	25	24	24	24	25	25	24	23	26	30	34	36
18	42	49	49	39	35	35	35	33	34	39	38	43	45	45	45	39	27	17	10	3	2	7	12	13
19	14	15	16	14	13	17	16	14	12	14	16	17	20	18	13	9	9	16	15	14	16	20	20	20
20	20	24	36	30	24	25	23	24	30	31	25	29	25	12	0	-10	-16	-21	-12	-14	-18	-8	-0	0
21	1	2	8	5	3	-2	-3	-1	8	3	16	19	6	15	4	5	5	-1	-9	-6	-8	-6	-1	-11
22	-11	-4	0	6	8	16	35	23	23	19	8	9	7	1	-0	8	9	1	-1	-6	-9	-13	-18	-17
23	-13	-5	-2	-4	-4	-5	-3	-3	-5	-8	-9	-5	-5	-6	-2	2	6	4	-0	-3	-3	-4	-5	-8
24	-5	-1	5	5	3	2	4	5	7	3	-0	-0	5	7	7	7	-2	-4	3	7	5	6	2	3
25	8	8	8	3	4	4	1	1	3	6	6	8	9	4	-1	-3	4	9	3	-0	4	9	11	10
26	10	9	11	12	8	4	-2	-6	-5	0	6	7	7	5	-1	-1	-3	-2	1	2	-3	-1	6	7
27	3	3	5	4	5	5	2	2	2	3	6	8	10	6	2	-0	-1	-2	-2	-1	0	4	3	2
28	2	3	5	6	7	10	11	9	9	12	14	14	18	22	24	26	25	29	26	27	39	45	31	18
29	23	30	30	37	36	31	27	23	22	15	7	13	16	15	13	11	10	8	10	15	17	17	14	11
30	14	15	15	16	18	19	20	20	18	19	25	27	25	21	17	14	12	13	10	9	9	6	4	5
31	7	8	8	8	9	10	11	11	10	11	10	14	16	17	16	17	16	14	17	18	17	12	13	13

FEBRUARY 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	13	13	12	11	11	14	13	12	16	19	20	20	19	17	20	21	22	23	21	18	14	12	12	13
2	19	23	27	27	27	28	31	32	28	26	23	26	18	12	13	19	23	19	16	18	21	22	24	24
3	22	21	22	22	25	22	14	13	15	17	17	17	14	10	10	17	21	20	10	2	-8	-8	-5	-1
4	7	14	11	9	9	13	8	2	2	-3	-2	3	6	7	7	7	10	13	13	10	2	2	3	8
5	9	1	-3	-2	1	5	1	1	-2	1	3	5	11	13	10	5	1	-2	-4	-4	-7	-2	3	4
6	5	2	-4	-3	-3	-4	-2	-1	-5	-4	-3	-2	2	4	4	4	5	5	4	4	5	5	-0	0
7	2	2	0	2	5	5	8	6	1	-1	-4	1	7	12	12	11	12	15	16	15	11	5	3	5
8	8	9	5	6	10	11	11	9	6	6	6	13	17	16	9	8	9	12	15	17	12	11	12	12
9	13	14	14	15	15	17	18	16	12	12	15	19	20	22	23	22	21	24	24	26	22	21	20	20
10	19	20	20	21	22	22	24	21	17	17	14	22	26	22	20	14	17	24	25	20	18	10	4	8
11	9	8	9	8	8	10	10	11	15	11	9	10	16	15	4	3	12	17	15	18	16	6	-2	-4
12	-9	-7	-3	-1	1	-2	-1	1	3	-1	-4	0	4	5	7	9	9	10	13	16	17	16	13	10
13	9	7	4	3	3	5	4	4	4	3	4	8	9	11	8	6	7	10	14	11	10	11	12	11
14	11	10	8	8	10	13	12	14	17	19	17	16	16	16	12	13	11	9	8	9	13	14	12	12
15	11	11	13	13	17	19	19	23	25	26	28	33	31	25	20	18	21	25	28	27	16	16	17	17
16	16	16	11	6	5	5	3	7	7	8	11	13	17	19	16	14	13	11	12	11	10	11	12	13
17	14	16	17	17	17	18	19	20	22	26	25	29	31	28	28	26	23	20	15	11	12	16	20	23
18	26	23	20	18	18	19	14	12	8	6	11	16	18	16	15	12	13	14	16	17	17	17	19	20
19	21	21	22	25	23	19	16	16	19	23	24	27	25	22	16	7	-7	-3	5	-3	-13	-12	-19	-13
20	-8	-4	-6	-7	-10	-15	-15	-15	-12	-2	0	-1	-9	-11	-12	-14	-15	-9	-4	1	-1	-2	-3	-2
21	-0	-3	-3	-2	-3	-3	-2	-4	-4	1	4	5	6	4	1	-2	-2	2	5	5	4	3	3	4
22	6	7	10	11	13	11	8	5	3	3	7	8	1	-5	-7	-4	-11	-8	-7	-13	-21	-29	-25	-13
23	-9	-6	-2	-4	-8	-23	-31	-34	-26	-17	-21	-16	-12	-9	-8	-14	-11	-7	-9	-12	-20	-20	-12	-13
24	-10	-6	-3	-6	-8	-6	-9	-6	-6	-5	-5	-8	-8	1	2	1	-3	-8	-4	-7	-5	-3	-2	3
25	4	3	2	-1	-1	-2	-2	3	4	5	6	7	5	5	6	5	3	3	6	8	7	6	4	2
26	1	1	2	3	4	4	4	4	5	3	1	0	1	3	3	3	3	4	7	9	8	9	10	9
27	9	8	11	11	10	8	7	6	6	9	13	12	11	9	7	5	7	9	10	12	13	12	11	11
28	12	12	12	11	10	9	12	15	17	15	12	11	11	12	11	10	11	11	12	15	18	18	20	23

MARCH 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	20	17	16	16	16	10	8	7	9	10	11	10	11	7	5	6	8	11	12	15	13	12	14	16
2	18	18	18	18	19	20	19	17	17	16	16	19	21	21	20	19	19	17	16	19	19	20	19	16
3	11	14	16	14	15	17	18	20	19	17	10	12	23	24	23	19	17	16	14	11	7	2	-8	-12
4	-4	2	1	4	2	3	2	3	6	9	14	16	16	16	13	7	5	5	6	9	4	-7	-1	3
5	6	3	1	1	2	3	2	2	4	5	8	6	4	2	2	4	6	5	5	4	5	7	6	5
6	7	7	8	11	11	10	11	12	11	10	8	9	10	8	7	7	9	11	12	12	10	10	12	12
7	12	13	15	16	14	12	12	12	11	11	15	17	17	15	12	10	9	11	12	12	10	9	11	13
8	13	13	12	11	11	12	12	21	22	22	23	23	26	27	25	24	26	25	22	22	22	20	19	18
9	16	15	16	16	16	16	17	18	19	17	17	25	28	26	25	22	24	27	31	30	19	12	-0	-10
10	-14	-16	-12	-6	-2	-1	-2	0	3	7	10	10	15	16	15	16	15	17	18	18	12	7	4	2
11	1	-2	1	3	5	4	4	4	5	6	6	5	7	9	10	13	16	14	14	10	7	7	5	-1
12	-1	6	8	10	10	11	11	13	12	9	6	8	11	13	14	9	8	10	16	19	21	20	20	21
13	22	20	22	11	12	13	16	23	23	22	21	20	20	20	15	12	13	12	5	-9	-19	-29	-40	-54
14	-74	-88	-87	-86	-90	-90	-85	-74	-74	-76	-69	-48	-41	-45	-57	-52	-42	-36	-31	-29	-29	-26	-28	-27
15	-28	-27	-27	-25	-21	-21	-24	-22	-20	-17	-12	-6	-4	4	1	-13	-15	-19	-21	-17	-17	-14	-12	-12
16	-8	-5	-9	-12	-11	-14	-13	-8	-3	-6	-9	-9	-4	-4	-5	-7	-5	-3	-3	-5	-7	-10	-8	-8
17	-5	-3	-3	-4	-4	-2	-0	-0	3	4	3	6	8	7	1	-3	4	8	7	7	8	5	1	-2
18	-4	-8	-7	-5	-4	-4	-1	-0	-0	1	-2	-1	3	5	3	0	0	1	5	7	10	13	15	22
19	26	24	25	19	15	18	19	16	13	9	11	21	12	9	3	0	-3	-8	-23	-14	-9	-3	-9	-8
20	-9	-5	-1	-1	-1	-1	1	2	7	9	11	10	10	7	5	4	2	4	2	-1	1	-2	-1	-1
21	-0	-4	-7	-7	-7	-4	-3	-4	0	5	8	13	14	12	13	7	3	5	6	10	12	11	1	-1
22	-3	2	3	4	4	4	4	4	4	5	4	5	12	15	17	23	31	29	24	19	16	10	0	7
23	8	8	6	2	3	2	1	1	-3	-3	-22	-19	-17	-23	-33	-61	-79	-89	-92	-85	-99	-88	-78	-71
24	-67	-63	-58	-54	-50	-44	-43	-42	-42	-42	-41	-41	-41	-38	-34	-29	-26	-25	-23	-23	-23	-23	-27	-25
25	-25	-17	-15	-10	-5	-7	-3	-1	-1	1	1	-3	-2	11	10	2	9	15	1	8	8	-0	2	-7
26	-4	-2	-2	-3	3	3	3	8	13	17	19	22	-0	-3	1	2	-1	-5	-11	-9	-2	2	4	1
27	-3	-8	-12	-14	-16	-13	-12	-12	-8	-5	-4	-4	-6	-3	-5	-4	-1	-2	-1	3	6	4	1	-2
28	-6	-9	-11	-9	-7	-8	-12	-11	-10	-12	-18	-21	-23	-12	-3	-5	1	-13	-36	-57	-49	-52	-43	-39
29	-39	-41	-42	-38	-32	-32	-30	-31	-28	-23	-19	-15	-13	-8	-5	-2	1	-0	-5	-8	-12	-12	-12	-14
30	-13	-15	-18	-23	-21	-18	-16	-12	-8	-7	-7	-7	-6	-7	-9	-9	-9	-10	-9	-9	-7	-5	-7	-6
31	-8	-5	-9	-9	-9	-8	-5	-6	-4	-4	-5	-5	-5	-4	-1	1	-0	-3	-4	-4	1	7	8	6

APRIL 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	1	-0	-1	-1	-1	-2	2	8	12	17	17	14	15	8	2	-10	-18	-22	-38	-43	-42	-47	-53
2	-40	-35	-34	-34	-34	-30	-29	-31	-25	-17	-14	-12	-12	-12	-10	-9	-9	-8	-8	-10	-10	-7	-10	-13
3	-13	-14	-16	-12	-11	-10	-10	-6	-1	4	5	5	2	1	-1	-4	2	5	5	0	-3	-7	-5	-8
4	-7	-9	-9	-8	-7	-8	-6	-3	-3	1	3	7	11	13	15	13	10	8	8	5	0	0	-3	-6
5	-8	-5	-4	-3	-3	-2	-3	-4	-2	4	6	8	10	11	14	14	11	8	5	4	4	5	3	3
6	1	0	-3	-6	-7	-6	-3	-4	-1	2	4	4	3	1	1	7	6	7	3	-2	-3	-6	-5	-3
7	-3	-16	-21	-21	-17	-16	-17	-18	-15	-13	-11	-8	-4	0	2	2	0	-3	-4	-3	-4	-9	-7	-6
8	-7	-12	-17	-18	-13	-10	-9	-6	-4	-3	-3	-1	4	9	12	14	13	14	12	10	2	-1	1	4
9	8	3	1	0	-2	-0	2	2	5	9	8	8	9	10	12	9	10	10	11	11	10	7	5	6
10	5	3	2	1	1	3	5	7	9	10	9	4	3	6	8	11	15	14	5	12	17	17	14	11
11	9	9	8	7	7	8	7	10	14	17	16	12	13	14	14	15	14	15	15	16	16	13	12	12
12	10	8	7	9	11	14	17	18	20	20	19	21	21	20	19	20	23	27	27	28	29	28	25	20
13	17	13	10	7	12	12	18	23	27	25	14	3	-8	-14	-16	-18	-24	-31	-39	-45	-44	-44	-43	-38
14	-35	-31	-29	-25	-22	-18	-15	-10	-4	7	5	4	5	4	2	2	-1	-3	-1	-0	1	-2	-7	-9
15	-9	-9	-6	-3	-1	-4	-1	-1	-1	1	4	3	2	1	-1	-1	1	2	1	-2	-3	-1	-0	-1
16	-3	-2	-2	-1	2	4	5	9	13	14	14	14	14	16	18	18	17	17	13	13	17	16	13	14
17	14	12	11	12	15	12	12	14	15	7	8	13	16	13	11	12	10	9	10	13	13	11	7	6
18	6	4	4	5	6	5	6	7	7	9	8	4	5	8	11	11	11	13	13	12	11	11	10	9
19	9	9	11	12	13	11	9	9	9	11	15	18	18	18	19	19	19	22	23	22	21	19	20	22
20	22	23	23	23	23	24	24	12	8	5	7	8	6	4	1	0	-2	-1	-0	-0	0	-2	-5	-6
21	-2	-2	-0	-0	-0	3	5	5	3	4	7	9	9	9	8	6	5	3	5	6	12	16	21	18
22	16	11	12	17	10	10	14	16	5	8	9	7	2	3	2	2	2	6	5	-1	-1	-1	-0	1
23	8	10	8	-0	-2	-1	-4	-1	1	0	-0	-1	-1	-1	-0	3	3	4	5	6	4	2	2	3
24	2	-0	-2	-0	3	2	-1	-1	-1	1	4	7	7	12	14	15	14	11	7	5	5	6	6	5
25	6	6	6	8	10	10	13	13	14	11	12	11	9	8	7	8	12	9	6	4	7	9	10	7
26	6	7	10	11	13	14	17	18	17	17	17	19	19	18	18	16	14	14	13	12	9	13	13	16
27	17	15	15	14	16	17	18	17	17	16	15	15	16	16	17	18	17	17	18	22	23	21	24	23
28	26	31	30	27	26	19	14	13	14	15	16	17	16	17	17	16	13	9	9	13	18	17	14	14
29	13	9	8	8	6	3	-0	0	5	7	7	4	1	0	2	3	6	6	6	4	3	4	3	0
30	-1	0	-1	-6	-0	3	6	5	2	4	9	9	5	2	-4	-6	-10	-13	-8	-3	-5	-10	-5	-4

MAY 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-4	-4	-7	-10	-9	-3	2	1	0	2	5	5	5	4	-1	-3	-2	-2	1	0	-7	-7	-4	-3
2	-3	-2	1	1	-3	-2	-0	-4	-5	-6	-4	-1	-5	-9	-12	-12	-13	-12	-11	-9	-10	-9	-12	-8
3	-3	0	3	3	3	2	3	4	5	7	8	7	4	3	3	2	1	-1	-0	-1	-6	-6	-3	-3
4	-6	-10	-13	-12	-12	-12	-13	-9	-11	-9	-8	-7	-6	-7	-6	-8	-10	-13	-11	-12	-13	-19	-16	-7
5	-6	-7	-5	-1	2	1	-0	0	3	7	9	6	5	6	4	2	2	-2	-6	-6	-6	-7	-3	-1
6	3	4	2	-3	-4	-8	-5	-5	-11	-10	-8	-6	-5	-6	-6	-5	-3	-1	2	2	-0	0	-1	-0
7	4	9	10	10	10	9	8	7	5	4	3	2	3	4	5	4	1	-1	0	5	4	0	-2	0
8	3	8	10	10	12	11	10	9	8	9	18	19	13	12	13	15	11	15	16	11	3	-4	-8	-7
9	-4	-1	1	1	-1	1	5	8	12	16	20	18	13	12	12	12	11	10	10	7	6	6	7	11
10	14	14	13	12	11	11	12	12	11	13	15	24	25	24	26	25	25	25	22	22	22	24	24	21
11	20	18	18	20	22	21	22	22	28	34	37	35	26	16	11	16	15	17	19	21	17	16	8	10
12	11	13	13	13	16	12	14	15	15	15	14	15	16	16	12	8	8	11	11	11	5	9	7	7
13	14	14	15	16	17	19	20	16	8	8	7	9	11	16	19	18	16	16	15	13	9	9	10	14
14	16	18	18	19	18	19	17	15	14	14	14	13	14	13	12	14	16	15	16	18	18	18	19	20
15	19	20	23	21	21	23	24	24	24	24	22	20	20	20	20	21	22	22	20	15	14	16	18	22
16	23	22	22	20	22	24	25	25	26	28	28	28	26	24	20	19	21	21	15	13	6	3	7	9
17	10	12	15	17	14	12	15	16	16	16	16	16	16	16	14	13	11	7	8	5	4	4	6	6
18	7	6	3	-0	-0	3	5	9	12	13	14	14	16	17	14	14	13	10	6	5	6	9	11	11
19	12	15	14	12	13	12	11	10	10	11	12	10	9	11	12	11	10	9	9	6	11	11	12	13
20	14	16	17	15	16	17	20	19	16	8	5	4	4	5	7	6	6	8	9	8	-1	-1	10	18
21	23	22	16	15	15	14	13	15	17	17	18	17	19	20	20	20	17	15	14	13	11	11	11	15
22	20	24	25	26	23	21	18	15	14	12	14	14	18	23	27	24	26	26	22	13	10	11	12	15
23	18	20	20	21	20	20	22	22	20	18	15	14	14	15	16	16	16	15	17	19	20	20	20	20
24	23	25	27	26	25	24	22	23	25	24	25	23	23	24	23	22	20	20	25	26	27	25	24	22
25	22	24	24	23	24	26	25	23	23	21	16	15	18	22	24	19	13	8	9	10	12	14	17	26
26	32	34	35	47	51	47	39	35	46	10	-8	-32	-31	-37	-27	-49	-76	-97	-103	-107	-117	-128	-124	-84
27	-71	-63	-62	-59	-56	-51	-47	-49	-45	-42	-42	-44	-45	-45	-47	-48	-49	-47	-46	-46	-44	-39	-33	-31
28	-29	-26	-22	-22	-22	-25	-27	-24	-23	-22	-22	-22	-19	-21	-25	-25	-26	-27	-28	-27	-28	-25	-18	-16
29	-18	-17	-15	-16	-14	-13	-14	-12	-12	-14	-14	-14	-14	-17	-19	-20	-21	-20	-20	-19	-18	-15	-14	-12
30	-13	-13	-13	-11	-7	-5	-5	-4	-6	-8	-7	-5	-2	4	3	0	-4	-6	-8	-7	-12	-23	-25	-19
31	-16	-16	-16	-14	-0	-5	-2	-4	-11	-19	-21	-21	-20	-25	-36	-36	-44	-33	-25	-40	-60	-73	-73	-69

JUNE 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-47	-47	-39	-36	-33	-26	-25	-33	-27	-27	-30	-30	-25	-25	-28	-30	-28	-25	-24	-23	-20	-20	-20	-18
2	-16	-14	-12	-12	-12	-10	-7	-8	-4	4	-3	-4	1	5	3	-4	-11	-9	-13	-18	-17	-22	-22	-16
3	-12	-8	-8	-7	-4	-0	1	0	1	2	3	5	3	1	-1	0	10	12	-3	-12	-15	-17	-16	-11
4	-7	-4	-4	-3	-1	1	1	1	3	5	5	7	8	10	12	10	8	8	6	2	0	-0	1	-1
5	-0	2	7	10	13	12	11	13	15	16	21	10	18	25	25	22	17	15	14	11	10	10	10	12
6	13	13	14	13	13	15	17	17	18	19	23	20	21	20	20	16	14	11	10	7	7	10	13	13
7	14	16	12	9	9	11	11	9	7	5	3	5	12	9	9	6	13	14	8	5	7	12	12	10
8	6	5	3	3	5	7	8	5	7	10	9	10	9	9	7	5	5	5	4	3	3	3	4	3
9	5	7	8	8	8	10	10	12	11	8	8	8	8	11	10	7	6	10	13	10	9	5	5	-3
10	6	6	6	7	11	13	13	14	16	18	18	19	20	19	17	18	19	21	22	18	17	17	18	21
11	22	21	20	19	20	22	24	26	27	27	27	24	24	22	19	20	17	15	12	15	14	17	18	20
12	20	20	20	18	16	11	10	7	7	9	10	10	8	8	4	5	8	9	11	7	3	-3	-5	-3
13	0	2	0	1	1	1	4	7	5	5	7	10	12	14	13	11	12	14	13	10	6	6	10	12
14	10	11	10	8	9	10	10	9	8	6	1	-0	3	5	7	6	6	8	5	2	0	-1	-0	-1
15	1	4	6	7	10	12	14	15	16	15	15	17	22	25	23	18	16	18	13	8	2	5	4	-0
16	7	12	16	14	14	15	14	12	13	12	13	14	16	14	14	9	4	5	9	9	11	11	11	15
17	15	16	17	15	15	17	19	18	17	16	15	13	15	23	25	19	19	20	18	15	12	10	5	7
18	11	12	9	8	11	14	15	15	16	17	16	16	17	17	24	29	31	32	29	27	29	26	24	23
19	19	19	21	24	25	25	25	22	22	23	27	33	40	39	36	39	36	34	36	30	22	13	11	12
20	14	16	16	16	19	18	11	10	11	14	18	20	21	19	17	15	16	18	18	10	9	7	7	11
21	10	8	9	6	9	12	13	14	11	12	17	19	20	20	20	18	19	21	17	14	13	11	11	14
22	14	11	10	11	12	13	12	11	11	12	12	13	16	15	14	14	11	13	15	19	21	21	21	19
23	16	20	24	23	22	25	26	29	31	28	27	24	15	13	10	0	-3	-10	-27	-39	-36	-24	-13	0
24	1	7	15	22	24	29	35	38	38	32	32	32	33	32	38	36	35	31	16	6	-15	-23	-19	-11
25	-8	-8	-11	-16	-11	-9	-7	-2	2	1	-2	-6	-4	-2	1	-2	-9	-6	-6	-7	-3	-1	-3	-3
26	-0	-1	0	3	5	5	8	6	4	5	5	9	11	9	8	10	12	10	8	4	-3	-5	-4	-7
27	-3	-0	2	3	3	4	6	8	8	8	12	15	15	13	12	12	13	10	12	14	14	17	15	16
28	15	15	15	15	14	15	17	18	17	17	18	18	22	22	20	21	19	15	11	14	15	17	13	13
29	10	7	7	9	11	12	11	11	12	13	14	13	12	12	10	11	13	17	18	16	17	16	15	14
30	11	7	8	9	8	9	8	8	10	11	11	13	15	17	14	14	14	18	17	16	11	4	0	-4

JULY 1966

DAY	UNIT=GAMMAS																								G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	-5	-6	-3	1	6	9	9	11	13	11	11	9	14	16	19	17	18	17	13	13	16	14	9	8		
2	7	6	7	7	9	9	11	15	17	15	16	18	18	17	18	19	19	19	19	18	16	13	8	4		
3	3	4	5	5	8	7	11	14	15	13	15	16	16	17	19	18	18	18	17	14	13	12	11			
4	13	13	11	10	13	15	16	19	20	20	22	21	22	21	24	27	17	14	7	10	11	7	1	-9		
5	-5	-4	1	1	6	6	6	8	11	11	13	12	9	7	4	2	3	3	4	10	9	8	7	10		
6	12	13	13	12	11	10	16	20	16	12	12	13	16	20	22	23	21	17	14	14	13	12	12	9		
7	8	9	9	9	10	12	15	15	15	13	11	13	12	13	17	17	16	17	20	19	21	23	22	24		
8	28	29	33	38	37	38	23	13	1	3	7	13	6	-4	-5	-1	-2	-11	-11	-8	-1	10	3	-8		
9	-5	-14	-22	-31	-34	-46	-46	-52	-57	-43	-40	-42	-47	-47	-41	-40	-38	-35	-33	-33	-31	-29	-31	-29		
10	-35	-36	-32	-25	-20	-29	-35	-32	-37	-31	-26	-28	-28	-24	-24	-25	-26	-25	-28	-29	-25	-21	-19	-21		
11	-21	-22	-20	-20	-21	-19	-18	-16	-12	-13	-12	-10	-9	-12	-13	-9	0	2	-4	-10	-7	-1	2	-5		
12	-14	-15	-15	-17	-15	-21	-25	-25	-24	-17	-20	-21	-24	-24	-21	-17	-18	-18	-16	-15	-11	-11	-13	-15		
13	-13	-13	-11	-9	-8	-8	-5	-4	-3	-1	-2	-3	-6	-3	-2	-2	-2	-0	-1	-0	1	1	-1	-0		
14	2	2	3	5	6	5	8	12	15	14	14	17	16	15	13	12	8	10	14	13	16	16	17	16		
15	14	14	18	19	16	14	13	14	14	15	18	20	22	24	24	33	28	23	21	27	25	17	25	31		
16	29	23	20	16	14	12	13	15	16	19	20	19	18	21	23	26	27	23	15	8	9	3	2	2		
17	-1	1	2	2	3	4	6	11	12	11	10	11	8	9	11	15	13	8	4	4	-1	-7	-1	1		
18	3	5	8	9	7	5	5	7	7	7	4	6	9	9	11	13	13	14	15	13	14	17	15	15		
19	16	15	14	14	12	9	13	14	16	17	17	13	12	14	18	20	23	23	24	17	10	7	4	5		
20	7	7	11	15	16	14	14	19	24	25	20	16	9	5	6	11	15	12	10	10	9	11	16	20		
21	20	14	12	5	-4	-2	1	3	7	12	18	20	13	12	9	10	9	4	3	-6	-7	-6	1	1		
22	-2	-5	-11	-10	-9	-8	-5	-1	1	4	5	3	0	-2	-4	-2	3	3	2	6	11	10	3	1		
23	2	3	3	4	1	-1	3	9	12	9	7	9	8	7	5	6	5	6	8	8	5	3	5	4		
24	6	4	2	4	5	4	7	10	11	5	3	3	4	5	6	8	11	12	13	14	16	17	15	13		
25	12	9	8	10	11	14	14	14	14	17	18	20	19	18	16	16	19	17	14	12	10	9	11	13		
26	13	10	11	6	5	8	14	15	11	15	14	13	11	11	13	15	15	17	20	20	17	14	11	8		
27	11	12	12	10	8	9	26	26	19	21	19	18	23	34	33	24	32	28	19	19	18	18	18	16		
28	15	15	13	8	-5	-5	3	5	2	3	5	-0	-1	-3	0	6	10	13	14	13	6	-1	-3	-0		
29	0	4	5	3	5	5	4	5	4	8	12	12	11	10	10	12	16	17	18	21	19	18	18	22		
30	24	23	21	20	16	16	14	12	14	14	16	15	14	12	13	13	14	17	18	18	16	17	19	21		
31	21	21	19	19	18	18	19	18	20	19	16	14	16	16	16	18	19	18	15	12	13	11	9	11		

AUGUST 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	25	25	22	22	21	15	15	18	17	18	17	17	15	17	18	24	26	24	21	17	14	9	13	17
2	17	18	15	16	17	16	15	16	18	18	18	17	14	11	14	17	19	21	17	13	10	9	12	17
3	24	28	29	30	29	26	22	23	28	28	21	26	28	19	12	8	9	12	12	10	6	3	3	2
4	3	7	12	15	12	13	14	16	15	12	13	16	13	18	12	6	9	11	13	11	6	3	7	3
5	3	3	6	7	8	8	10	10	9	7	10	8	2	0	-1	-4	-3	3	5	7	6	7	5	5
6	8	8	4	2	1	-1	1	3	6	8	9	12	15	17	12	6	6	8	10	11	13	11	13	12
7	7	1	-2	-2	2	6	6	6	9	9	9	6	5	10	11	14	14	14	15	16	17	15	16	17
8	17	14	14	14	16	15	15	18	24	25	25	23	23	20	17	17	18	23	25	22	22	24	23	23
9	16	12	18	20	20	16	17	20	18	20	22	24	20	18	14	10	18	23	24	12	10	17	20	17
10	14	12	12	14	12	8	8	10	16	17	17	13	13	7	9	11	12	18	21	19	16	15	14	17
11	19	18	15	11	9	3	-1	4	10	13	16	18	17	16	11	8	9	6	4	5	7	1	-11	-16
12	-9	-6	-7	-7	-2	4	6	1	-3	-1	2	5	1	-5	-5	-5	1	1	4	12	19	19	19	18
13	16	10	1	-0	2	7	5	3	5	8	12	11	11	11	9	9	8	7	7	10	12	13	15	13
14	7	-0	1	1	-3	-4	-6	-9	-6	-1	2	2	3	4	4	5	9	16	24	21	14	13	15	16
15	15	13	12	12	13	13	15	15	15	16	17	13	12	10	10	10	12	19	24	25	24	25	26	23
16	18	15	12	9	10	12	11	9	11	14	15	16	18	20	18	17	17	17	16	15	15	13	15	14
17	13	13	13	12	11	13	16	17	18	20	19	21	25	26	26	22	22	20	20	23	28	28	27	25
18	20	19	18	19	23	23	22	25	29	25	23	17	24	31	32	26	20	11	0	-7	-1	10	15	17
19	17	14	5	-11	-11	-3	2	4	6	5	2	-7	-11	-2	-5	-10	-19	-28	-24	-13	-0	4	4	3
20	3	3	-0	1	2	0	-0	-7	-9	-4	-0	1	-1	-3	-6	-6	-2	1	3	6	9	9	7	6
21	6	7	9	12	10	7	8	7	7	10	12	11	10	8	4	-0	1	3	6	10	17	19	19	16
22	16	14	11	11	13	14	13	12	11	14	16	17	19	20	22	21	17	16	19	20	24	24	19	21
23	23	24	27	27	27	26	27	33	32	13	17	15	15	14	10	4	0	-9	-15	-6	-2	0	-2	-0
24	-5	-2	2	2	6	9	11	9	9	13	16	13	10	10	8	3	3	2	4	2	-3	1	3	3
25	6	3	10	8	10	12	12	12	10	9	8	7	9	9	9	9	12	10	9	9	10	17	18	16
26	17	17	11	8	10	10	10	10	8	11	12	10	9	9	8	8	11	10	7	10	11	12	14	14
27	13	15	13	11	14	11	13	15	14	17	17	13	13	18	19	17	18	18	19	21	22	22	20	18
28	18	18	17	18	19	21	20	18	17	18	19	17	14	13	13	15	19	22	24	24	24	24	22	21
29	20	17	18	21	21	22	21	20	20	21	20	20	22	40	42	39	37	34	32	30	33	30	9	-18
30	-32	-41	-40	-31	-38	-37	-36	-33	-27	-19	-13	4	12	27	32	24	27	7	-36	-30	-28	-62	-90	-110
31	-88	-76	-74	-61	-55	-48	-45	-45	-45	-43	-43	-42	-35	-27	-20	-21	-21	-12	-3	-6	-10	-17	-22	-18

SEPTEMBER 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-21	-20	-20	-20	-19	-19	-13	-17	-21	-20	-20	-19	-7	-8	-10	-6	-11	-22	-26	-29	-32	-32	-24	-22
2	-20	-15	-18	-16	-14	-14	-10	-9	-6	-3	-6	-7	-6	3	2	-1	1	10	10	-0	11	10	8	5
3	7	16	16	21	20	12	11	9	-13	-33	-46	-41	-27	-21	-43	-64	-75	-84	-89	-84	-97	-100	-126	-134
4	-148	-141	-154	-174	-170	-171	-182	-157	-154	-145	-124	-113	-107	-100	-98	-94	-95	-110	-103	-93	-86	-82	-75	-72
5	-71	-68	-68	-64	-61	-58	-59	-58	-52	-48	-44	-40	-48	-52	-51	-50	-47	-44	-47	-46	-45	-42	-32	-30
6	-29	-23	-30	-28	-35	-28	-33	-31	-38	-35	-34	-33	-32	-35	-41	-39	-31	-28	-28	-27	-27	-28	-24	-20
7	-18	-21	-21	-22	-24	-19	-13	-12	-14	-11	-12	-16	-22	-18	-18	-24	-29	-26	-27	-30	-28	-24	-22	-17
8	-16	-18	-22	-26	-26	-28	-24	-22	-31	-36	-32	-40	-44	-39	-43	-54	-51	-52	-59	-57	-52	-40	-37	-32
9	-28	-30	-29	-30	-25	-22	-24	-29	-25	-23	-26	-27	-28	-26	-26	-29	-33	-26	-23	-22	-21	-15	-18	-19
10	-14	-23	-23	-30	-21	-22	-22	-19	-16	-16	-19	-21	-18	-15	-23	-28	-26	-22	-16	-11	-10	-6	-10	-15
11	-9	-9	-9	-9	-7	-8	-5	-8	-8	-5	-4	-7	-8	-8	-11	-14	-11	-12	-12	-9	-9	-8	-8	-8
12	-7	-6	-4	-3	-3	-2	-1	-0	-2	-4	-4	1	-0	-3	-2	-4	-10	-10	-11	-5	-2	-5	-7	-5
13	-1	-2	-4	-4	-8	-7	-6	-5	-3	-3	-4	-6	-4	-2	-4	-6	-4	-4	-6	-6	-3	-0	2	0
14	1	5	3	11	12	11	8	5	7	8	9	10	15	19	22	29	17	11	20	14	10	18	16	13
15	7	5	5	4	1	1	4	2	-3	-3	-6	-6	-3	-1	2	-0	-3	-8	-5	-6	-25	-29	-31	-36
16	-29	-23	-9	-2	-1	-0	1	2	1	-2	-3	-2	-5	-1	-1	0	2	-1	-2	-6	-5	-1	1	5
17	-2	2	0	-2	-1	-2	-1	-2	-3	-6	-6	-2	7	8	8	7	9	11	14	13	11	8	5	4
18	5	7	7	7	7	6	7	5	4	3	0	3	3	5	10	14	17	19	20	20	18	13	14	17
19	16	14	18	24	10	10	15	17	14	18	24	25	24	18	12	10	9	8	9	7	4	7	6	-1
20	1	2	2	5	8	9	10	14	8	5	6	8	4	-5	-11	-7	-1	-2	-7	-9	-11	-11	-7	-2
21	2	2	-3	-2	-4	-2	6	8	6	2	2	3	4	-1	4	7	8	5	-0	-3	-2	-1	-1	-0
22	-1	2	2	2	2	5	6	6	5	4	2	2	4	3	4	5	10	9	5	4	-1	5	9	8
23	6	4	5	5	5	9	12	12	14	39	39	34	31	30	24	21	22	6	-11	-19	-8	3	-2	1
24	3	4	8	13	16	17	19	21	11	1	-4	-10	-7	3	1	3	6	5	2	6	5	5	5	3
25	5	2	3	-4	-4	-1	2	7	4	1	-1	-4	-3	0	1	2	2	3	4	8	9	2	3	10
26	9	-3	-9	-6	-3	-2	-1	2	8	2	-1	0	-4	-7	-2	-15	-14	-6	-6	-13	-3	-0	-6	-4
27	5	4	2	-3	-1	-2	-3	3	-6	-5	6	4	12	19	19	5	-4	-5	-9	-9	-4	2	-1	0
28	-1	2	-0	-11	-23	-19	-9	-3	-0	-3	-5	-7	-7	-4	-10	-16	-15	-14	-11	-8	-4	-1	-9	-11
29	-11	-3	-4	-8	-10	-9	-5	-2	-4	-9	-10	-11	-16	-16	-13	-10	-9	-16	-17	-14	-6	-4	-2	-2
30	-2	1	4	4	3	-1	-6	-4	-4	-7	-6	-7	-7	-7	-5	-8	-7	-6	-8	-8	-5	-8	-10	-11

OCTOBER 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-11	-12	-17	-17	-14	-12	-9	-4	-7	-12	-11	-10	-8	-8	-8	-5	-2	-2	-1	1	3	6	6	5
2	5	3	2	4	3	1	0	-1	1	1	-4	-5	-3	-2	-1	-1	-0	0	2	5	5	4	1	2
3	3	4	4	4	7	7	5	6	10	13	10	7	7	9	11	12	13	14	16	18	20	19	16	14
4	18	15	7	-0	-2	-1	-6	-3	-2	1	9	11	9	19	20	18	31	42	52	54	4	-30	-17	-27
5	-27	-43	-43	-43	-35	-33	-41	-41	-37	-33	-30	-26	-19	-24	-25	-35	-43	-35	-25	-17	-21	-21	-23	-21
6	-20	-15	-16	-19	-22	-15	-20	-20	-16	-15	-17	-22	-26	-20	-12	-14	-15	-17	-20	-20	-21	-19	-13	-10
7	-9	-3	-5	-3	-4	-5	0	3	4	5	6	4	2	5	2	-3	-13	-17	-16	-14	-11	-9	-11	-18
8	-14	-11	-10	-11	-9	-5	-2	-1	-0	-2	-4	-8	-5	-1	-1	-2	-2	-4	-2	1	2	0	-2	-1
9	-0	-1	-6	-7	-4	-2	-4	-6	-6	-6	-7	-4	1	1	3	4	-1	-0	-3	-1	-2	2	-1	-2
10	-0	1	2	2	2	3	6	6	6	4	3	1	-1	1	4	8	9	7	5	1	3	6	7	7
11	8	6	7	8	8	9	13	14	13	11	10	10	8	10	13	11	9	10	10	6	5	7	7	6
12	9	8	7	8	11	16	10	11	11	12	11	10	14	13	13	13	8	8	6	2	8	12	4	1
13	6	8	9	9	11	14	9	8	8	6	5	6	5	7	7	8	9	5	7	6	7	10	11	12
14	13	12	9	6	1	5	9	12	13	12	6	4	6	10	14	16	16	16	16	13	13	14	16	17
15	17	18	16	12	8	9	11	13	16	16	24	17	18	25	29	33	28	21	23	15	10	7	-4	0
16	6	16	10	15	12	17	15	5	-14	-19	-16	-20	-23	-28	-37	-33	-33	-33	-35	-28	-26	-27	-19	-16
17	-18	-17	-15	-18	-16	-15	-12	-10	-11	-10	-10	-8	-3	0	3	5	2	-7	-7	-3	-1	2	2	-1
18	-7	-7	-3	-1	-0	2	3	3	2	-0	-1	-1	-1	-1	-3	-2	3	4	6	6	5	8	8	7
19	5	5	5	5	5	4	2	3	3	2	1	3	6	10	10	10	9	5	2	7	11	12	14	12
20	9	10	11	10	8	9	12	12	11	11	10	12	12	12	11	12	14	15	15	15	14	13	16	15
21	17	18	16	13	14	15	16	17	18	18	16	16	15	13	13	13	14	13	11	13	14	16	18	19
22	19	17	17	16	17	19	19	18	18	17	21	23	25	24	22	16	18	17	14	16	18	17	18	16
23	14	13	14	15	17	18	20	17	16	17	19	21	22	23	24	30	32	34	35	36	35	33	37	37
24	39	43	42	42	36	34	32	34	36	38	42	43	43	38	32	18	14	15	20	19	13	6	1	-7
25	-5	0	0	2	3	3	1	-1	2	0	1	5	1	6	9	11	11	9	6	1	-5	-1	1	8
26	12	14	11	9	-4	-2	8	10	6	2	1	3	5	7	3	-9	-6	-9	-5	-4	-4	-6	-5	-3
27	-4	-3	-1	-2	0	4	7	6	5	4	6	5	8	11	8	2	-2	-3	1	2	2	6	4	1
28	-0	0	1	1	2	5	6	6	4	5	6	7	8	11	14	13	10	9	8	9	6	5	7	6
29	8	11	10	6	7	9	6	7	8	8	7	6	9	11	13	13	11	8	7	5	5	6	7	7
30	9	23	24	20	19	21	23	21	19	23	24	33	41	47	56	48	23	2	1	-3	-7	-10	-14	3
31	12	3	-6	-5	2	-11	-15	-11	-7	-8	-6	-7	-6	-3	-11	-17	-27	-29	-30	-46	-43	-40	-38	-32

NOVEMBER 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-25	-20	-19	-22	-15	-17	-18	-18	-17	-19	-20	-16	-10	-7	-8	-12	-35	-33	-30	-21	-17	-13	-8	-12
2	-11	-11	-10	-7	-7	-8	-6	-5	-6	-6	-2	-1	-1	4	2	0	-5	-6	-6	-2	-1	1	0	0
3	-2	0	-1	-3	-6	-5	-2	-5	1	3	-1	-3	-3	-5	-6	-8	-6	-4	-2	-1	-2	-4	-2	-4
4	-3	-3	-1	-3	-3	-1	-1	1	-1	-2	-0	2	3	6	4	4	2	1	0	-6	-8	-4	1	5
5	4	7	10	5	2	1	2	2	-5	-7	-5	-4	-6	-9	-11	-13	-12	-13	-11	-10	-4	0	1	1
6	0	4	4	2	1	1	1	2	7	13	13	9	4	4	2	-1	-8	-13	-18	-20	-19	-15	-12	-10
7	-6	-0	-0	-5	-7	-5	-3	-4	-1	1	2	-1	-2	-0	0	2	5	6	7	10	8	11	10	10
8	10	4	-5	-10	-9	-6	4	6	2	3	3	5	5	6	5	5	8	7	2	1	8	13	14	12
9	9	8	10	13	11	12	10	11	11	13	17	20	21	20	19	17	15	15	15	17	18	24	26	28
10	32	31	29	29	25	16	7	9	11	15	15	14	5	7	9	7	4	3	3	-2	-2	-4	2	7
11	8	9	7	4	3	4	5	6	9	12	9	9	13	12	9	7	5	4	4	5	5	10	12	13
12	14	14	10	6	4	7	7	5	5	5	9	14	13	12	12	12	8	5	-2	-7	1	9	11	11
13	12	20	20	17	14	13	12	10	11	11	9	12	15	12	7	6	6	6	2	5	9	9	11	14
14	15	16	15	15	13	15	15	14	14	14	13	17	19	18	17	18	18	15	13	12	12	11	13	11
15	11	12	15	16	17	18	19	21	24	20	19	21	19	20	18	17	14	12	10	9	9	10	9	8
16	7	8	6	4	4	5	7	6	5	2	3	12	9	5	3	5	8	9	9	11	7	7	7	7
17	17	11	15	15	14	17	20	24	24	19	18	20	19	20	19	20	21	31	13	-4	-7	-1	-0	3
18	6	9	11	12	14	17	18	24	24	22	25	35	39	35	29	27	24	21	13	14	12	7	-1	-6
19	-4	-2	-4	-4	-2	-1	0	-1	-0	-2	-2	-1	1	-1	-4	-1	4	4	4	7	8	9	16	19
20	22	20	13	14	14	14	20	23	21	20	22	21	24	25	22	22	21	13	5	3	5	-1	-4	2
21	3	4	5	5	5	8	10	11	11	11	11	12	13	12	9	9	9	9	11	11	10	7	7	6
22	8	6	9	6	10	15	20	22	24	23	22	20	16	13	11	11	14	12	13	13	13	15	15	15
23	15	19	21	21	20	21	21	23	26	24	18	14	15	13	13	17	20	20	20	20	21	20	20	22
24	20	19	18	13	9	4	3	3	2	4	2	5	8	8	7	11	11	12	9	6	8	10	10	13
25	12	11	15	18	21	22	23	22	19	20	18	21	23	23	32	32	31	30	34	35	31	24	22	24
26	14	16	17	13	15	23	19	21	21	30	22	26	24	19	17	17	12	15	12	11	9	10	10	11
27	11	12	14	16	22	26	25	23	23	14	13	12	13	14	17	20	17	15	13	13	18	16	22	23
28	19	18	19	16	16	17	18	22	28	27	23	18	15	6	4	-0	-2	-14	-19	-15	-3	-4	0	-5
29	-19	-6	1	1	-4	-2	1	1	2	3	-3	-2	1	-1	-3	-6	-4	-5	2	4	6	8	8	8
30	6	6	6	8	11	6	5	4	2	-3	-7	-9	-8	-12	-12	-19	-15	-13	-14	-18	-17	-17	-23	-18

DECEMBER 1966

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-14	-11	-11	-15	-8	-15	-13	-8	-2	-3	-3	-1	-4	-6	-6	-4	-3	-2	-1	-8	-7	-8	-6	-5
2	-5	-5	-4	-2	2	5	9	12	15	13	6	6	8	10	9	7	7	7	3	2	2	1	-0	0
3	0	1	4	8	12	14	13	15	17	17	16	17	18	17	19	20	19	18	17	17	19	22	18	16
4	16	18	13	20	27	31	31	27	30	26	22	25	12	-1	-9	-6	-3	-7	-9	-12	-14	-16	-15	-9
5	-13	-10	-9	-4	-5	-2	1	2	-2	6	5	8	4	2	2	5	5	-0	-16	-32	-34	-30	-27	-28
6	-30	-31	-29	-21	-13	-10	-6	-2	-1	-6	-9	-6	-3	-1	-0	1	-0	-1	-4	-3	-3	-3	-3	-5
7	-7	-9	-9	-5	0	3	6	12	13	12	11	11	10	11	12	12	10	11	10	8	7	10	8	7
8	8	6	4	4	8	13	18	23	24	22	17	14	12	12	14	17	17	18	20	20	19	18	15	14
9	11	6	6	10	13	16	17	21	23	20	18	18	19	16	17	17	16	19	21	24	24	24	24	23
10	22	19	17	18	22	18	20	24	26	24	24	23	26	24	25	30	31	28	27	27	24	25	26	26
11	22	16	11	13	19	25	26	25	23	23	22	22	23	24	26	26	24	24	23	20	20	19	19	18
12	16	14	13	19	21	20	19	20	24	24	25	29	29	28	25	25	24	22	21	20	22	24	25	28
13	36	44	56	36	9	8	8	16	28	27	23	17	9	11	12	3	2	-6	-12	-9	-6	-2	1	2
14	-2	-0	6	7	-1	1	8	13	20	21	14	10	15	10	-20	-46	-75	-77	-78	-68	-61	-65	-59	-52
15	-52	-64	-66	-59	-54	-61	-63	-54	-47	-46	-48	-38	-35	-32	-25	-12	-21	-29	-24	-22	-26	-27	-27	-27
16	-26	-30	-28	-25	-26	-27	-25	-23	-20	-21	-22	-21	-19	-18	-14	-9	-2	7	17	15	7	-1	-6	-8
17	-11	-15	-11	-6	-4	-3	3	11	9	7	5	3	5	4	-0	-0	4	-1	0	4	2	-2	-10	-11
18	-10	-9	-8	-5	-5	-4	1	0	2	1	-0	-3	-4	-6	-6	-2	0	4	5	4	2	-1	-1	-6
19	-9	-10	-12	-9	-3	-1	2	6	8	7	4	5	6	4	3	0	0	1	6	7	3	-2	-6	-8
20	-7	-6	-6	-1	4	8	10	11	14	17	16	16	12	9	5	5	5	7	10	7	-8	-15	-13	-15
21	-15	-20	-19	-14	-11	-7	-6	0	6	8	4	4	5	6	2	-2	-1	-3	-2	-7	-7	-6	-14	-15
22	-13	-12	-12	-8	0	11	11	10	15	17	15	13	2	2	10	24	15	8	6	7	-6	-19	-22	-26
23	-22	-20	-16	-11	-6	-3	1	7	10	11	8	1	3	2	2	8	5	6	12	19	16	15	2	6
24	-4	-4	-3	4	15	5	-9	-6	-1	-5	-1	1	2	3	3	7	8	8	5	2	3	1	-1	-4
25	-5	-1	3	6	5	5	-1	-2	-3	-0	6	11	13	9	6	6	5	3	2	13	21	20	18	8
26	2	-5	-11	-1	2	0	-5	-8	-6	-3	-2	-2	-2	-7	-4	-9	-11	-9	-0	2	-7	-7	-14	-20
27	-19	-18	-13	-16	-16	-17	-19	-19	-22	-18	-16	-5	-5	-10	-1	1	-2	-13	-15	-17	-15	-11	-13	-18
28	-15	-11	-12	-13	-9	-9	-8	-10	-14	-12	-9	-6	-7	-3	-4	0	3	-3	-4	-1	0	-4	-5	-2
29	-1	-4	-4	-3	-3	-2	-0	-0	2	-0	0	3	4	2	5	8	11	9	8	6	5	4	3	2
30	2	3	7	8	12	11	11	11	11	7	5	6	4	-0	-1	-0	-0	1	5	5	5	7	6	4
31	3	2	2	4	6	9	14	15	16	15	17	16	11	12	12	12	15	18	19	18	18	20	16	14

DAILY MEANS OF EQUATORIAL DST FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	15	16	12	-8	-2	-29	10	19	-19	-6	-18	-7
2	22	23	18	-19	-6	-9	14	16	-4	1	-4	5
3	8	13	13	-4	1	-3	13	18	-40	10	-3	15
4	13	7	6	1	-10	3	14	11	-123	9	-0	8
5	4	2	4	3	-0	13	6	5	-51	-31	-3	-7
6	12	1	10	-0	-3	15	15	8	-31	-18	-2	-8
7	11	6	13	-9	4	10	15	9	-20	-5	2	6
8	11	10	20	-0	9	6	10	20	-37	-4	4	15
9	10	19	18	6	8	8	-36	18	-25	-2	16	18
10	6	19	6	8	19	16	-28	14	-19	4	11	24
11	12	10	6	12	20	21	-11	8	-9	9	8	21
12	15	4	12	19	12	9	-18	3	-4	9	8	22
13	21	7	7	-8	14	7	-4	9	-4	8	11	13
14	25	13	-58	-8	16	6	11	5	12	11	15	-20
15	19	21	-16	-1	21	12	20	16	-6	16	15	-40
16	20	11	-7	11	20	12	16	15	-3	-13	7	-14
17	24	21	2	12	12	16	6	20	3	-7	15	-1
18	31	16	2	8	9	20	10	18	10	1	18	-2
19	15	11	7	16	11	26	14	-3	13	6	2	0
20	11	-7	2	8	10	15	13	1	0	12	15	4
21	2	1	3	6	16	14	6	9	2	15	9	-5
22	4	-2	10	6	19	14	-0	17	4	18	14	2
23	-4	-14	-35	2	18	8	5	13	12	24	19	2
24	3	-5	-39	5	24	19	8	5	6	28	9	1
25	5	4	-1	9	19	-5	14	10	2	3	23	6
26	3	4	2	14	-27	4	13	11	-3	1	17	-5
27	3	9	-5	18	-48	10	20	16	1	3	17	-13
28	18	13	-19	18	-24	17	5	19	-8	6	8	-7
29	19	0	-19	5	-16	13	11	24	-9	8	-0	2
30	16	0	-11	-1	-8	10	17	-24	-5	19	-6	5
31	13	0	-3	0	-28	0	17	-37	0	-16	0	13
MEAN	12	8	-1	4	4	9	7	9	-12	4	8	2

ANNUAL MEAN

5

JANUARY 1967

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	18	17	13	15	22	22	22	19	17	15	16	22	18	7	5	-8	-7	-5	-1	1	4	-5	-1	-7
2	-10	-9	-9	-8	-8	-5	-3	-2	1	1	-0	1	4	6	3	2	1	-0	-1	1	-5	-7	-7	-5
3	-4	-1	2	5	10	8	8	9	11	11	8	11	7	1	6	-1	-5	-7	-1	2	-0	-4	-7	-6
4	-5	-4	-1	2	3	4	4	5	6	8	8	10	13	15	17	16	14	12	8	5	1	-1	-5	-6
5	-4	-2	3	7	8	9	9	10	13	14	13	15	15	16	15	13	8	8	9	8	6	7	8	3
6	3	7	10	13	16	20	22	27	23	27	34	42	45	44	38	33	30	31	26	14	15	16	17	16
7	19	21	25	22	20	21	20	23	34	20	17	24	27	23	-2	-23	-29	-20	-11	-28	-28	-18	-12	-10
8	-21	-40	-56	-77	-98	-109	-101	-90	-104	-104	-78	-77	-75	-79	-82	-93	-102	-97	-86	-82	-84	-82	-80	-74
9	-69	-64	-63	-58	-58	-50	-45	-36	-31	-29	-22	-15	-6	-7	-12	-11	-12	-13	-10	-8	-11	-17	-21	-26
10	-29	-28	-26	-26	-22	-22	-18	-18	-21	-21	-16	-13	-10	-8	-7	-8	-7	-10	-14	-14	-20	-25	-23	-13
11	-23	-27	-24	-20	-16	-7	-7	-13	-11	-8	-6	-2	2	4	3	3	0	5	5	-4	-17	-21	-23	-25
12	-25	-23	-21	-19	-18	-17	-17	-18	-16	-17	-20	-18	-14	-12	-8	-3	-6	-6	-0	8	8	9	10	14
13	14	11	13	25	24	24	23	22	20	2	4	11	46	35	6	15	17	23	20	13	5	-23	-54	-87
14	-102	-135	-141	-146	-142	-147	-145	-137	-126	-120	-117	-107	-101	-96	-87	-76	-66	-59	-53	-51	-54	-56	-53	-54
15	-52	-48	-44	-42	-39	-36	-35	-32	-30	-34	-41	-38	-34	-31	-36	-39	-37	-38	-38	-33	-37	-41	-39	-37
16	-35	-30	-30	-28	-27	-28	-22	-20	-20	-24	-33	-32	-23	-19	-21	-23	-23	-19	-15	-15	-19	-24	-28	-26
17	-25	-22	-21	-17	-17	-19	-18	-14	-10	-7	-11	-10	-11	-11	-12	-12	-7	-7	2	5	5	-0	-7	-9
18	-11	-10	-7	-4	-0	3	4	8	8	10	12	14	16	16	5	0	-3	-4	-7	-5	-6	-6	-9	-13
19	-10	-8	-4	-3	-3	-3	-2	1	1	1	4	9	10	8	7	4	7	8	7	5	-4	-9	-11	-10
20	-7	-7	-9	-10	-5	1	9	13	12	10	2	-1	-3	-11	-22	-31	-40	-40	-41	-40	-36	-27	-24	-20
21	-26	-28	-28	-29	-29	-28	-27	-25	-22	-16	-13	-11	-7	-6	-8	-13	-16	-16	-13	-12	-12	-13	-16	-19
22	-20	-16	-9	-4	-1	-0	-1	-1	5	12	14	12	6	4	3	2	2	-0	-3	-7	-8	-8	-7	-4
23	3	7	9	12	15	12	18	18	11	14	20	21	21	19	15	13	10	9	8	8	10	7	1	-4
24	-0	3	5	6	6	8	11	12	12	14	15	16	14	11	11	10	10	10	12	13	11	13	12	13
25	26	32	34	32	32	33	30	24	22	16	7	5	4	6	6	5	6	7	10	10	12	18	23	19
26	14	14	15	19	15	15	14	13	15	17	13	10	11	6	6	6	9	11	13	14	13	14	12	12
27	13	13	13	15	15	18	21	24	26	25	23	26	31	31	33	33	37	39	36	31	26	23	21	20
28	17	13	14	11	1	-9	-17	-16	-10	-8	-7	-2	-1	-1	-0	5	7	6	6	3	7	10	13	15
29	14	13	10	12	16	20	20	17	16	21	19	18	15	13	11	14	14	12	12	9	8	9	11	9
30	7	5	7	7	6	8	9	10	13	15	16	11	7	2	1	2	4	6	8	7	7	12	15	12
31	9	9	9	9	11	15	16	16	17	17	17	19	19	18	18	19	20	17	13	15	17	19	20	18

FEBRUARY 1957

DAY	UNIT=GAMMAS																G.M.T.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	15	12	8	4	2	1	2	3	4	9	10	12	12	11	9	12	14	14	11	12	16	16	13	8
2	7	6	9	11	12	14	15	17	21	23	26	24	18	12	10	9	10	8	5	2	3	8	13	11
3	9	7	7	9	12	14	16	20	21	17	16	16	17	20	22	24	26	28	30	30	30	29	24	24
4	24	25	25	21	19	18	17	18	22	23	22	22	22	18	15	19	14	14	14	6	5	4	-10	-17
5	-25	-17	-12	-7	-3	-4	1	6	7	10	12	16	18	11	10	2	-2	7	6	6	-1	-1	-1	-0
6	-1	1	1	-3	-4	-4	-1	2	9	10	11	7	5	2	4	7	8	3	5	10	14	12	7	8
7	15	19	20	18	14	17	18	20	20	20	21	21	19	21	27	26	15	-1	-3	-29	-57	-99	-109	-116
8	-96	-88	-84	-70	-68	-55	-53	-55	-72	-72	-69	-62	-60	-59	-53	-45	-36	-31	-16	-5	-28	-36	-34	-34
9	-29	-28	-30	-30	-30	-27	-25	-26	-26	-25	-25	-25	-30	-34	-31	-26	-24	-23	-26	-23	-21	-25	-24	-23
10	-23	-22	-21	-19	-14	-12	-12	-14	-17	-16	-15	-15	-15	-11	-11	-11	-9	-7	-6	-4	-4	-2	-0	-1
11	-0	1	-2	-6	-4	-7	-13	-15	-13	-11	-9	-8	-10	-14	-10	-4	-0	-3	-1	1	-0	-2	-2	-4
12	-2	2	4	5	3	5	6	9	8	5	8	9	8	5	3	1	2	6	5	5	7	6	5	8
13	9	9	9	8	7	9	8	6	5	1	-0	1	6	9	10	8	4	0	0	-2	-9	-12	-13	-11
14	-10	-7	-5	-6	-9	-9	-5	-4	-5	-4	-1	-1	-1	-3	-1	2	1	0	3	-0	-2	-2	-2	-1
15	1	0	1	4	6	8	10	11	11	10	9	10	11	10	12	12	10	7	8	9	8	5	5	14
16	39	47	31	34	35	35	34	24	35	24	-32	-62	-84	-93	-110	-111	-106	-107	-102	-91	-93	-89	-83	-84
17	-81	-74	-66	-51	-51	-49	-46	-46	-45	-47	-46	-40	-39	-42	-40	-45	-44	-45	-45	-44	-40	-38	-34	-34
18	-35	-34	-33	-30	-30	-26	-23	-23	-23	-25	-23	-25	-27	-26	-20	-17	-18	-19	-18	-18	-18	-18	-19	-19
19	-18	-17	-15	-13	-12	-10	-9	-9	-6	-9	-15	-14	-9	-0	1	2	-1	-10	-17	-15	-14	-14	-14	-12
20	-9	-7	-6	-5	-1	-1	3	1	1	-0	2	3	3	2	2	1	3	-1	-2	-2	-5	-11	-12	-10
21	-5	-0	4	6	9	13	12	12	12	12	11	11	7	4	-0	-7	-7	-10	-12	-15	-21	-26	-25	-24
22	-22	-16	-12	-8	-6	-2	-4	-7	-7	-5	-5	-5	-5	-7	-3	-1	-3	-7	-7	-5	-3	-1	3	3
23	1	-0	-3	4	10	10	10	9	10	13	14	25	23	4	-12	-29	-45	-57	-60	-59	-49	-39	-35	-33
24	-27	-23	-20	-19	-19	-18	-23	-26	-30	-28	-24	-19	-14	-12	-10	-8	-8	-10	-13	-11	-9	-7	-5	-1
25	5	12	14	11	-1	-10	-16	-15	-17	-16	-10	-6	-4	1	6	6	3	-13	-16	-7	-5	-2	-4	-7
26	-14	-25	-27	-23	-18	-13	-16	-17	-19	-18	-17	-17	-17	-15	-14	-15	-19	-14	-10	-3	1	1	2	1
27	4	4	4	2	1	2	1	0	1	0	-3	-4	-3	-3	-5	-2	-2	-4	-3	1	5	8	10	10
28	8	6	5	5	3	3	4	4	1	-1	4	9	11	13	18	19	19	18	17	19	20	22	23	23

MARCH 1957

DAY	UNIT = GAMMAS																						G. M. T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	22	20	17	15	9	7	10	10	10	9	7	6	3	3	4	11	15	14	14	13	10	12	11	8
2	7	8	9	11	12	13	14	15	15	16	17	10	4	0	-2	-4	-2	-1	2	4	3	5	8	11
3	10	9	8	9	10	14	19	21	27	30	25	19	19	17	21	22	20	17	18	18	15	14	17	17
4	15	9	6	7	8	9	13	12	17	20	22	22	21	21	17	12	14	17	22	22	18	20	19	16
5	9	8	13	10	5	-1	1	8	11	13	12	10	9	6	6	-2	-5	-4	-5	-2	1	0	-2	2
6	2	3	4	3	0	1	2	2	5	5	5	4	2	-4	0	4	7	3	6	6	4	7	12	15
7	16	16	17	14	13	13	12	12	11	12	15	18	15	17	21	20	18	20	21	18	13	12	14	16
8	14	13	14	15	17	18	17	16	18	20	22	23	23	21	20	20	17	16	20	21	16	19	19	17
9	18	16	14	14	13	13	14	17	19	15	19	19	11	10	6	5	6	-4	-6	-5	-15	-18	-13	-5
10	-1	-13	-10	-9	-8	-8	-8	-6	-4	-1	2	-2	-3	1	5	7	6	5	2	3	4	5	9	11
11	13	14	14	13	11	11	9	7	7	9	10	11	13	12	12	13	13	12	11	11	9	10	9	10
12	11	13	14	15	14	15	14	14	14	14	10	12	12	13	15	17	17	18	19	19	16	16	17	18
13	22	23	21	18	18	18	17	19	25	26	24	22	20	23	23	17	14	12	7	3	3	6	7	7
14	8	12	12	12	11	11	13	14	13	12	13	15	19	19	16	16	18	15	11	13	11	9	12	8
15	9	11	12	14	14	13	14	16	17	17	16	17	16	15	16	17	16	16	18	20	26	29	28	28
16	27	26	26	25	24	25	27	29	30	31	31	29	29	31	31	32	33	33	34	32	31	32	26	25
17	23	24	23	29	27	31	27	27	27	24	20	20	20	23	28	29	30	34	32	32	28	24	27	29
18	27	25	26	22	21	19	16	14	9	13	15	16	7	2	1	4	3	4	-1	-7	-10	-6	-0	-0
19	-11	-15	-13	-9	-12	-18	-19	-12	-4	-6	-1	0	2	6	3	2	-8	-21	-20	-24	-21	-26	-33	-22
20	-25	-32	-31	-23	-20	-22	-19	-13	-11	-14	-12	-10	-10	-10	-9	-8	-10	-11	-17	-21	-23	-16	-12	-17
21	-22	-25	-20	-20	-14	-11	-11	-9	-4	2	4	1	-1	-0	2	2	4	3	0	-7	-13	-14	-8	-9
22	-12	-15	-15	-13	-14	-7	-7	-6	-1	2	2	4	6	9	8	8	6	5	7	4	5	6	7	9
23	12	13	12	12	12	14	15	17	20	22	24	29	28	24	23	21	16	16	12	3	-2	-8	-2	8
24	10	7	6	7	10	12	12	13	17	20	23	27	31	28	24	26	25	22	19	17	15	17	18	18
25	19	21	20	16	14	11	10	15	17	19	18	18	22	25	26	26	27	23	16	13	13	15	19	18
26	16	18	18	18	19	21	20	21	22	20	18	18	24	28	29	32	35	31	27	25	28	34	38	31
27	29	30	22	11	9	11	15	16	11	15	17	19	8	7	1	8	6	5	8	8	4	9	11	13
28	12	9	4	5	7	9	9	8	6	-0	-5	-3	0	2	2	2	-0	-1	-1	-2	-0	2	3	0
29	-0	1	1	4	8	14	14	16	19	17	9	9	8	4	4	8	5	7	9	7	7	10	14	13
30	12	15	14	11	11	13	13	10	10	6	4	0	-3	-7	-10	-4	-3	-6	2	-1	1	-2	0	-2
31	-8	-4	-2	-1	-1	2	4	5	7	6	4	5	7	9	9	9	10	10	7	4	5	7	8	6

APRIL 1957

DAY	UNIT=GAMMAS																								G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	6	6	9	9	12	14	16	16	33	22	13	13	12	24	29	26	25	23	24	16	-18	-29	-29	-19		
2	-12	-12	-10	-6	-0	6	7	7	5	5	4	-1	5	10	11	8	1	-4	-3	-10	-18	-17	-19	-14		
3	-11	-9	-3	0	5	5	5	5	10	11	13	14	17	19	18	16	15	17	14	12	16	17	16	18		
4	19	19	17	40	38	26	15	16	18	14	16	21	32	12	7	0	-5	-5	-4	-9	-4	3	4	4		
5	5	4	1	0	0	3	-3	-7	-1	1	3	-4	-3	-1	2	-4	-8	-3	-1	1	-2	1	3	4		
6	2	0	-1	5	3	2	5	3	2	2	8	9	5	6	5	6	5	10	10	3	1	4	6	7		
7	4	1	0	-3	-1	2	3	3	3	7	11	13	14	16	16	17	15	10	10	8	10	8	10	13		
8	15	15	13	10	5	5	8	7	10	11	8	5	1	3	5	5	6	9	7	4	-0	1	5	3		
9	5	5	7	7	10	14	15	15	18	20	15	10	7	11	15	15	13	13	11	13	11	7	11	12		
10	16	16	13	2	1	2	0	-1	-1	-0	0	1	-0	-4	1	1	0	-3	10	4	0	-5	1	7		
11	9	11	12	13	15	16	16	15	14	12	12	10	11	9	11	15	1	-5	-11	3	4	-16	3	1		
12	1	-0	1	7	8	-5	-8	-10	-11	-10	-8	-8	-13	-9	-5	-2	-4	-4	-3	12	11	9	11	13		
13	15	15	13	12	12	13	14	13	15	17	19	19	16	16	16	16	18	20	21	20	17	17	19	22		
14	22	22	23	23	25	26	25	30	33	30	27	28	29	29	29	30	28	26	25	27	30	30	27	28		
15	31	33	29	25	25	25	24	22	22	21	19	16	15	20	17	19	26	30	25	24	22	24	25	28		
16	26	24	22	23	22	19	17	14	19	21	18	16	11	7	11	13	8	1	-5	-8	-8	2	9	10		
17	5	-4	-7	-1	-3	-5	2	6	8	7	5	2	2	1	-1	3	6	7	6	5	4	8	9	13		
18	11	9	3	-1	-1	5	10	11	12	10	8	5	-1	-4	-6	-4	2	3	3	5	10	10	2	-11		
19	-20	-23	-21	-26	-31	-22	-11	-9	-10	-18	-27	-19	-14	-17	-25	-25	-19	-15	-14	-18	-17	-15	-15	-13		
20	-10	-9	-3	-4	-4	-2	-1	-5	-4	-3	-2	-1	-2	-1	0	-1	-2	-6	-9	-8	-7	-6	0	1		
21	-3	-8	-10	-10	-10	-11	-13	-12	-9	-11	-8	-6	-4	0	-1	-5	-7	-8	-11	-9	-5	0	1	-0		
22	-3	-5	-7	-12	-11	-10	-7	-13	-8	-5	-5	-4	7	5	-9	-2	1	-6	-8	-14	-15	-12	-8	-2		
23	-0	2	10	13	18	22	26	28	31	34	39	39	35	35	30	12	-13	-25	-32	-26	-24	-20	-15	-10		
24	-11	-17	-25	-16	-10	-19	-16	-18	-13	-3	-0	-1	-6	-8	-14	-19	-16	-15	-15	-12	-15	-11	-6	-5		
25	1	4	1	1	-1	-4	0	-0	-4	-3	-1	-1	-3	-2	1	1	1	0	1	3	5	6	3	4		
26	7	9	11	9	10	10	11	10	10	9	8	10	9	10	12	13	13	15	16	17	18	17	19	20		
27	18	18	17	18	17	17	16	14	13	13	13	15	16	18	19	17	15	16	15	18	22	23	21	21		
28	19	20	20	21	20	19	19	18	14	14	15	18	19	20	22	23	21	21	21	22	21	17	13	12		
29	12	15	18	19	21	21	22	19	22	25	24	24	19	20	18	17	24	25	27	31	28	28	23	20		
30	17	17	24	27	29	30	28	22	16	18	20	25	24	22	21	22	22	22	19	20	22	24	24	25		

MAY 1957

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	27	27	24	20	16	16	19	19	20	22	25	26	26	25	28	24	18	15	15	44	37	23	31	29
2	23	28	25	26	28	27	19	21	30	27	16	3	4	2	0	7	-2	3	1	-9	-10	-17	-23	-30
3	-41	-43	-53	-66	-83	-81	-67	-77	-82	-83	-75	-75	-70	-73	-92	-107	-111	-117	-103	-90	-81	-84	-81	-79
4	-72	-63	-53	-52	-45	-40	-43	-44	-43	-36	-33	-33	-32	-33	-33	-35	-40	-40	-47	-36	-36	-35	-33	-28
5	-24	-24	-25	-27	-28	-29	-30	-30	-27	-21	-22	-20	-21	-23	-24	-24	-25	-29	-22	-19	-13	-11	-13	-16
6	-15	-11	-10	-7	-7	-5	-11	-14	-11	-12	-15	-17	-18	-16	-12	-5	-6	-8	-9	-8	-7	-8	-10	-14
7	-15	-3	-5	-14	-14	-22	-29	-23	-20	-14	-13	-12	-10	-6	-3	-2	-5	-5	-1	3	2	-1	-2	-2
8	-2	-3	-1	-1	-3	0	2	2	2	-3	-3	-4	-4	-6	-8	-9	-8	-9	-13	-11	-8	-5	-4	-5
9	-4	-4	1	3	4	3	2	0	-0	4	3	1	-0	-3	-0	-3	-3	0	4	6	10	13	12	9
10	9	14	13	14	13	9	9	10	13	14	12	9	6	9	7	-0	2	8	10	11	13	14	14	14
11	22	15	7	6	5	2	0	2	6	6	8	7	6	7	5	6	9	12	14	18	19	14	-2	-4
12	2	6	7	5	4	10	11	11	13	13	14	17	18	17	12	10	9	7	6	4	3	4	6	7
13	6	13	13	9	-3	-4	-2	-4	-3	2	6	8	7	3	1	-3	-4	-5	-5	-3	-5	-7	-8	-4
14	-3	4	4	5	6	6	4	4	7	10	13	16	20	21	15	12	5	-1	-4	-7	-6	-11	-19	-25
15	-26	-20	-18	-15	-10	-8	-5	-3	-1	1	4	3	1	-1	-6	-5	-2	0	-2	-6	-10	-8	-8	-9
16	-8	-3	0	1	3	6	8	9	9	10	11	15	14	16	19	22	21	18	19	17	15	15	11	9
17	4	-0	-7	-10	-8	-4	-4	-1	3	1	-1	-4	-7	-4	-1	-1	-2	-0	1	1	-0	2	4	2
18	-1	1	3	7	6	7	10	6	5	3	1	3	8	9	8	11	14	14	18	22	22	22	20	19
19	21	18	5	-1	1	-4	-2	3	3	1	3	4	2	0	1	3	3	-0	2	4	5	4	3	1
20	1	6	3	7	7	9	5	6	7	7	7	9	11	14	13	12	13	12	12	6	2	1	5	6
21	9	13	13	12	10	12	13	11	9	12	17	18	22	24	24	25	20	12	9	10	8	9	11	18
22	16	13	12	13	14	15	15	15	13	15	14	14	14	13	11	12	15	16	20	22	23	21	20	21
23	22	25	27	30	34	28	27	28	24	24	28	32	40	44	46	45	43	40	35	29	24	24	24	25
24	28	27	26	24	23	25	25	24	24	28	28	19	14	17	19	21	24	34	42	26	26	26	25	27
25	26	30	30	30	29	27	31	32	29	25	39	39	78	31	-30	-25	-21	-25	-44	-38	-58	-139	-191	-297
26	-291	-370	-364	-353	-361	-328	-313	-267	-255	-240	-207	-208	-206	-194	-195	-169	-151	-141	-135	-124	-116	-112	-111	-110
27	-106	-106	-98	-99	-82	-82	-78	-70	-69	-67	-70	-73	-73	-71	-73	-73	-72	-72	-70	-66	-59	-77	-79	-77
28	-74	-64	-55	-51	-45	-42	-35	-37	-41	-50	-57	-53	-46	-32	-44	-42	-58	-60	-67	-66	-77	-90	-102	-101
29	-102	-88	-85	-75	-85	-82	-67	-97	-83	-86	-89	-87	-89	-80	-75	-67	-64	-65	-67	-70	-71	-69	-65	-57
30	-48	-41	-39	-39	-41	-39	-40	-36	-34	-32	-32	-33	-34	-40	-37	-44	-35	-23	-32	-35	-57	-61	-50	-50
31	-59	-87	-66	-79	-82	-74	-76	-74	-67	-67	-67	-63	-61	-60	-60	-57	-49	-42	-47	-47	-47	-47	-46	-46

JUNE 1957

DAY	UNIT=GAMMAS																							G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	-46	-46	-47	-49	-47	-43	-42	-42	-44	-47	-44	-42	-43	-41	-40	-36	-34	-33	-35	-35	-35	-33	-30	-29	
2	-25	-25	-25	-27	-27	-24	-27	-27	-25	-29	-32	-31	-34	-36	-41	-42	-42	-38	-34	-30	-30	-31	-32	-31	
3	-26	-22	-22	-21	-21	-20	-19	-21	-23	-22	-21	-20	-17	-16	-17	-19	-20	-21	-13	-10	-11	-17	-23	-20	
4	-19	-13	-13	-12	-9	-4	-3	-7	-8	-7	-5	0	-8	-11	-19	-25	-28	-33	-44	-55	-59	-57	-48	-49	
5	-48	-42	-32	-26	-24	-20	-16	-9	0	1	4	6	3	5	4	4	2	-2	-5	18	3	-15	-32	-74	
6	-124	-128	-142	-137	-130	-121	-108	-98	-90	-79	-66	-60	-57	-55	-62	-60	-61	-53	-50	-59	-63	-67	-82	-83	
7	-94	-81	-84	-86	-78	-71	-68	-53	-54	-58	-56	-53	-51	-50	-55	-58	-57	-57	-54	-49	-45	-43	-39	-37	
8	-32	-27	-27	-27	-24	-19	-17	-15	-16	-18	-26	-22	-16	-19	-31	-31	-36	-35	-35	-31	-22	-28	-37	-38	
9	-36	-28	-21	-20	-23	-27	-24	-22	-20	-22	-24	-22	-20	-19	-19	-18	-24	-28	-29	-25	-25	-30	-28	-24	
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11	-20	-18	-16	-12	-10	-10	-7	-5	-3	-1	3	8	11	10	7	6	4	-3	-11	-18	-17	-14	-10	-7	
12	-6	-6	-10	-11	-11	-8	-7	-7	-4	-3	-2	1	-3	-6	-10	-10	-12	-12	-10	-6	-5	-6	-5	-4	
13	-3	-7	-7	-2	5	7	10	10	8	7	7	11	12	9	5	1	-2	-2	-2	-1	-1	3	3	2	
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15	-23	-21	-23	-21	-16	-13	-12	-7	-4	-4	-4	-2	-0	1	-3	-6	-7	-7	-4	-4	-1	-1	-1	0	
16	5	4	2	-2	-1	2	3	3	1	-2	1	4	4	5	3	2	-2	-3	-6	-5	-3	0	5	4	
17	6	9	7	2	4	11	16	15	13	14	4	-2	-3	-3	-6	-13	-20	-18	-12	-8	-2	-4	-6	-9	
18	-14	-12	-11	-12	-10	-6	-2	-0	2	2	3	3	1	3	3	-1	1	4	7	7	8	5	6	9	
19	13	12	10	9	10	15	16	17	17	16	13	10	8	8	7	0	-3	2	-10	-6	-4	-3	-3	-3	
20	-3	-2	-2	-1	-4	-6	-5	-4	-4	-5	-6	-11	-8	-6	-7	-8	-11	-8	9	10	8	10	12	17	
21	19	15	13	12	11	14	15	18	20	17	23	26	29	30	32	25	22	16	9	6	3	-0	2	6	
22	9	12	12	10	9	9	10	13	14	20	25	22	19	19	18	15	12	11	11	13	13	13	13	15	
23	18	17	15	16	16	20	21	20	20	20	21	21	20	19	22	22	22	21	19	19	21	20	16	15	
24	15	15	14	15	14	15	16	17	14	14	15	18	18	18	19	20	21	21	21	23	24	24	25	21	
25	17	15	23	35	33	28	24	25	26	32	36	41	39	33	26	32	32	24	8	-3	-22	-41	-59	-75	
26	-64	-59	-42	-36	-31	-27	17	15	12	10	12	18	21	27	5	20	18	-4	-5	-3	-9	-16	-22	-23	
27	-22	-26	-33	-44	-52	-43	-30	-28	-23	-20	-25	-26	-20	-15	-18	-22	-23	-19	-20	-20	-15	-11	-7	-5	
28	-8	-11	-10	-11	-7	-4	-0	2	2	-7	-17	-15	-16	-15	-14	-20	-26	-30	-31	-33	-25	-17	-14	-11	
29	-10	-9	-17	-12	-1	-0	-6	-12	-10	-9	-7	-7	-8	-7	-5	-5	-8	-10	-22	-19	-15	-19	-20	-17	
30	-20	-14	-10	-8	-6	-16	-15	-14	-14	-14	-11	-9	-9	-1	-4	-8	-13	-14	-7	9	14	10	5	4	

JULY 1957

DAY	UNIT = GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-5	-8	-8	-10	-3	2	-2	-12	-9	-10	-2	-3	-7	-12	-22	-29	-31	-32	-30	-29	-26	-29	-29	-28
2	-27	-27	-21	-18	-19	-17	-12	-10	-6	-3	-1	1	-1	-4	-9	-12	-11	-8	-3	1	2	4	4	11
3	10	9	6	3	4	4	4	5	5	7	7	6	4	4	3	3	2	2	-0	1	2	8	9	9
4	7	8	5	3	5	8	8	8	12	17	20	18	15	15	12	13	10	5	7	12	17	21	22	18
5	8	-2	-14	-22	-21	-19	-14	-9	-9	-14	-8	-2	-1	-5	-12	-19	-16	-15	-15	-13	-14	-18	-11	-9
6	-7	-6	-7	-8	-7	-7	-4	-2	-1	-0	3	4	1	-7	-12	-9	-4	-8	-12	-13	-6	-15	-20	-20
7	-19	-22	-19	-15	-12	-10	-8	-4	-4	-4	2	0	-3	-3	-2	-5	-6	-4	-3	2	3	2	1	-1
8	1	3	1	0	4	4	3	4	4	5	4	5	7	8	9	11	13	12	12	11	10	8	7	8
9	8	8	7	8	9	9	10	12	13	15	17	17	18	19	21	22	21	22	25	26	24	20	19	20
10	18	19	18	19	21	21	21	23	24	25	28	29	30	27	27	30	33	38	41	43	44	42	34	29
11	19	13	16	28	31	21	15	15	18	19	28	32	29	17	7	5	9	9	9	11	3	3	4	4
12	5	3	-1	6	11	11	11	9	9	13	15	15	14	14	13	13	15	11	8	6	1	4	6	7
13	5	7	9	9	11	12	14	16	18	18	18	18	19	20	17	14	16	14	17	14	16	15	15	14
14	11	8	5	9	14	14	9	8	12	13	14	17	19	20	16	14	8	7	9	10	10	10	8	7
15	5	5	8	11	13	15	16	17	16	18	20	22	21	22	24	27	25	25	29	23	18	12	15	17
16	19	16	11	5	3	6	9	11	12	11	13	13	12	14	16	15	11	11	14	18	17	11	13	13
17	12	10	9	8	13	15	16	16	18	20	21	22	20	17	16	16	15	18	24	30	36	36	41	43
18	41	39	35	36	35	27	26	28	23	18	21	25	21	17	17	15	9	4	5	9	12	13	12	11
19	4	7	7	9	11	12	14	12	12	13	12	11	11	10	15	17	19	22	25	25	22	15	14	14
20	14	16	15	15	18	19	19	20	18	16	18	20	19	17	17	22	23	20	20	22	22	18	18	20
21	17	14	14	14	14	14	16	20	20	20	22	22	21	20	19	17	19	20	19	18	19	19	20	22
22	22	23	23	25	24	26	27	29	29	28	28	29	29	31	26	26	28	29	27	28	28	27	25	26
23	26	28	29	30	28	27	25	24	23	22	25	26	25	35	40	37	38	33	35	38	19	-8	-36	-42
24	-26	-17	-11	-6	-4	-0	3	4	5	5	4	2	3	6	3	2	-0	-1	2	6	13	17	13	11
25	7	5	8	9	7	6	6	11	12	9	7	9	7	7	8	9	9	6	1	0	-3	0	7	9
26	5	-2	1	7	8	6	7	8	8	8	8	9	8	8	8	6	5	8	10	12	13	11	10	10
27	10	10	11	12	15	15	17	15	7	2	6	12	11	8	6	8	9	11	13	17	15	15	16	17
28	18	18	19	21	16	17	20	17	21	14	11	20	26	27	27	19	13	8	3	17	25	26	23	20
29	17	15	20	14	9	13	4	1	1	4	3	4	7	11	13	12	8	13	14	4	-2	-2	-6	-15
30	-16	-14	-9	-9	-13	-27	-37	-32	-24	-24	-25	-24	-24	-23	-25	-25	-23	-24	-25	-21	-18	-14	-14	-14
31	-15	-16	-15	-13	-11	-10	-10	-11	-13	-15	-15	-13	-12	-10	-9	-6	-7	-8	-8	-9	-8	-7	-6	-2

AUGUST 1967

DAY	UNIT=GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-2	0	4	5	4	4	5	5	4	6	9	12	14	16	17	13	11	14	20	20	19	17	15	17
2	16	16	17	17	18	17	18	18	17	17	17	19	18	18	16	13	11	8	9	10	12	15	13	14
3	13	14	16	16	17	18	17	18	16	13	12	14	15	18	20	18	18	14	12	15	17	15	15	15
4	14	19	22	22	21	20	20	21	20	23	20	13	9	12	14	15	13	15	13	6	3	0	1	4
5	4	3	3	14	15	16	17	15	12	11	14	15	16	16	16	18	19	18	15	15	11	5	6	8
6	9	12	15	21	20	21	20	20	14	10	14	21	24	29	30	29	29	28	25	19	14	13	14	14
7	14	17	21	23	24	23	21	16	13	14	16	14	10	8	9	12	13	10	14	16	8	3	3	6
8	2	5	10	10	12	8	6	8	7	16	20	22	18	16	15	10	7	8	17	18	15	11	9	13
9	13	12	15	17	18	18	18	17	18	18	19	20	24	30	32	35	28	23	26	26	22	21	18	17
10	17	16	16	14	11	10	11	15	12	12	17	17	13	9	11	10	10	7	7	12	10	3	-6	-6
11	1	2	3	12	15	21	38	26	28	24	31	34	31	29	33	31	24	20	14	2	-7	-11	-18	-18
12	-20	-17	-4	1	4	7	10	10	9	9	9	9	2	0	0	5	11	12	12	12	11	10	3	3
13	3	3	3	5	8	12	14	16	15	15	19	20	15	11	9	8	6	5	10	13	8	5	7	3
14	1	-1	-1	-2	-0	5	3	9	3	-1	6	9	11	12	14	15	15	15	14	11	11	10	8	6
15	11	11	12	18	17	21	18	17	17	17	14	13	4	7	12	12	12	11	10	7	7	7	6	10
16	10	7	8	12	15	16	15	16	15	14	17	19	19	18	16	18	17	13	12	9	13	13	11	2
17	-5	0	8	10	10	14	11	12	12	15	17	18	20	22	28	23	19	14	16	21	27	18	15	12
18	8	3	3	9	14	13	8	12	8	2	5	6	10	14	10	4	1	0	0	-2	-7	-13	-12	-5
19	7	3	3	7	9	10	12	9	10	10	14	14	11	11	7	5	6	6	14	23	16	13	12	14
20	14	14	14	18	17	12	9	5	3	6	10	14	17	17	20	22	16	19	21	24	20	9	7	11
21	10	10	12	14	15	15	16	16	16	17	19	19	16	18	20	18	17	19	23	25	22	22	20	18
22	14	16	19	22	21	18	21	22	23	23	21	20	16	17	17	23	27	25	24	23	21	19	20	21
23	22	23	19	20	21	23	24	22	24	26	23	17	14	12	12	11	15	21	23	18	23	22	21	23
24	25	20	14	13	12	9	9	8	8	6	8	15	22	22	23	21	21	22	24	23	28	28	28	29
25	27	30	34	30	26	15	1	-1	-1	5	9	13	10	6	9	11	13	20	18	11	-4	0	-2	-6
26	-11	-4	0	4	8	9	10	12	12	14	12	19	24	26	25	25	23	19	19	14	7	8	8	12
27	10	9	9	12	11	11	11	10	6	3	1	3	8	8	2	-2	1	3	3	5	6	7	8	11
28	13	13	14	16	16	11	10	11	12	14	16	16	13	9	6	3	0	-1	5	6	8	11	16	18
29	21	20	20	20	21	22	19	13	10	7	10	12	11	6	3	7	9	11	17	20	24	24	19	15
30	14	13	15	18	21	17	11	11	8	8	10	14	13	13	7	6	4	0	0	1	8	6	3	5
31	9	14	21	24	19	14	13	11	9	7	11	18	16	10	6	4	6	5	1	-1	-0	3	7	5

SEPTEMBER 1967

DAY	UNIT=GAMMAS																						G. M. T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	3	9	13	8	-2	-10	-14	-8	-3	1	8	12	7	-1	-1	5	8	3	-14	-14	-19	-13	-8	-5
2	-7	-11	-9	0	-2	-5	-10	-3	-3	-4	-6	-4	-6	-3	-1	-8	-18	-10	-6	-8	-7	-9	-4	-2
3	0	1	2	4	3	1	3	4	3	-0	-2	3	1	2	2	2	1	1	4	8	6	4	2	5
4	6	3	5	7	11	10	7	6	5	4	7	7	2	-1	2	2	3	2	2	-0	1	3	6	6
5	7	6	8	10	10	9	9	8	9	10	13	14	11	9	11	13	17	18	15	16	17	15	14	15
6	5	17	19	21	21	19	21	21	19	14	12	15	17	16	15	17	19	17	12	9	9	11	11	14
7	14	15	15	20	21	22	22	19	16	19	25	29	34	40	40	34	25	12	11	13	12	13	15	16
8	16	17	19	19	19	19	16	15	16	19	24	21	19	21	22	18	5	0	2	2	-2	-2	5	8
9	11	13	9	9	7	6	4	-1	2	4	4	-1	-1	-5	-6	-6	-1	3	5	2	-5	-3	-0	-2
10	-3	-3	0	2	1	1	3	5	7	10	13	15	17	18	16	14	13	13	14	18	18	20	21	19
11	19	19	21	23	25	24	22	21	22	25	23	22	25	29	31	24	21	22	18	16	16	19	22	23
12	24	26	25	25	23	21	23	24	27	30	32	32	29	26	23	21	21	22	19	19	19	24	32	34
13	37	37	36	33	33	34	32	41	7	10	17	5	9	9	2	-11	-36	-40	-36	-34	-33	-33	-24	-8
14	-7	-8	-9	-9	-10	-11	-8	-2	3	-1	4	2	-3	-6	-8	-9	-3	-9	-13	-14	-11	-9	-8	-1
15	1	-3	-2	4	2	-1	5	5	7	14	18	14	7	5	4	6	9	9	7	4	2	8	8	11
16	9	2	-1	-1	-3	-0	-1	-2	3	8	7	5	3	2	2	2	3	6	7	8	9	10	13	18
17	16	16	12	13	12	10	6	8	10	10	9	6	5	4	3	1	-6	-8	-1	6	10	17	22	23
18	28	28	25	26	22	10	15	13	15	22	20	16	12	11	10	7	4	-1	-12	-11	-23	-29	-25	-25
19	-25	-8	-5	-6	-7	-8	-8	-5	-0	2	2	-1	-4	-9	-7	-2	1	0	-3	-2	10	18	23	23
20	16	17	16	8	14	11	9	-3	-13	-14	-24	-30	-44	-44	-27	-9	-10	-6	0	6	-4	-25	-23	-11
21	-10	-29	-58	-62	-74	-67	-69	-76	-80	-65	-58	-60	-58	-60	-58	-57	-61	-48	-48	-66	-71	-77	-58	-54
22	-47	-45	-42	-43	-36	-33	-30	-27	-20	-14	-12	-11	-11	-11	-13	-16	-15	-19	-24	-21	-20	-18	-15	-13
23	-12	-12	-11	-12	-11	-11	-10	-8	-7	-8	-9	-6	-7	-10	-7	-4	-2	-1	-1	1	1	-1	-1	-1
24	-1	-2	-2	-4	-1	0	1	2	4	0	-2	-6	-14	-15	-14	-11	-11	-1	-3	-2	2	3	-1	-2
25	2	2	3	3	3	2	-0	2	6	5	3	4	4	5	5	5	7	8	9	7	3	6	9	8
26	10	9	6	5	6	5	3	2	6	6	4	3	3	5	7	8	9	11	11	7	5	6	6	3
27	1	2	2	-0	-1	-1	1	7	10	11	13	14	12	7	6	7	5	6	15	20	20	23	30	36
28	33	25	15	9	1	-19	-28	-38	-22	-15	-26	-39	-29	-16	-23	-25	-29	-38	-54	-43	-29	-29	-41	-46
29	-37	-50	-54	-45	-40	-48	-65	-67	-68	-47	-42	-43	-45	-46	-55	-56	-54	-54	-56	-54	-64	-58	-41	-41
30	-51	-43	-43	-54	-52	-48	-40	-37	-31	-25	-24	-23	-28	-24	-28	-32	-36	-26	-25	-22	-18	-15	-16	-19

OCTOBER 1967

DAY	UNITS GAMMAS																						G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-19	-24	-25	-27	-24	-22	-23	-19	-16	-11	-8	-11	-13	-12	-8	-7	-6	-4	-5	-5	-4	-3	0	1
2	-1	-4	-6	-8	-7	-5	-5	-5	-4	-4	-5	-3	-2	-3	-4	-5	-7	-7	-7	-9	-6	-2	5	9
3	12	11	12	6	4	4	9	8	9	9	10	8	6	8	4	4	7	7	4	3	-10	-8	-1	5
4	8	7	6	3	1	1	-1	2	4	6	4	1	-0	2	5	7	8	7	9	9	9	8	4	10
5	9	12	12	5	3	-2	-1	-3	-3	-2	4	9	13	14	13	8	5	1	-1	2	2	1	3	7
6	11	14	8	-0	-2	0	3	4	3	5	7	4	1	3	5	6	8	9	12	14	15	16	15	15
7	15	12	11	11	13	13	13	22	18	14	5	2	5	7	8	16	14	17	20	19	15	11	10	10
8	11	11	10	10	15	20	27	33	36	36	31	29	29	18	18	18	12	13	18	15	12	16	18	22
9	22	16	20	22	21	20	23	24	25	25	17	14	14	16	12	11	14	7	-4	-17	-23	-28	-31	-24
10	-47	-55	-53	-40	-34	-32	-27	-21	-19	-18	-13	-9	-24	-23	-23	-20	-29	-29	-28	-23	-21	-20	-24	-15
11	-10	-7	-8	-12	-15	-11	-12	-11	-9	-7	-7	-9	-8	-8	-11	-14	-6	-1	-0	-2	-5	1	4	8
12	1	3	-9	-17	-16	-14	-18	-16	-12	-11	-7	-4	-5	-3	-4	-6	-19	-14	-6	-2	-1	-0	4	1
13	-8	-17	-18	-16	-16	-17	-16	-14	-11	-10	-9	-5	-4	-3	-0	1	-1	-1	-1	-1	-3	0	2	8
14	7	7	4	3	4	-0	-3	-2	2	3	2	5	5	6	3	0	2	5	9	11	-1	3	8	12
15	8	9	5	6	7	7	5	9	12	13	14	18	25	28	29	26	24	27	25	21	15	10	11	13
16	11	12	10	9	8	6	11	10	12	10	8	9	10	12	12	12	12	13	14	14	13	15	16	18
17	19	20	18	14	8	5	7	9	11	11	3	3	10	13	7	14	19	17	19	5	-6	-1	8	11
18	15	15	14	15	11	7	2	4	3	2	2	3	5	8	11	15	16	15	14	13	9	6	3	8
19	9	12	12	9	10	13	13	14	15	15	17	15	15	17	18	18	19	23	24	21	18	13	13	11
20	14	15	17	15	14	15	18	23	26	26	23	21	20	24	27	30	31	29	21	19	18	16	18	21
21	21	22	20	18	18	19	21	22	21	20	18	20	20	23	24	25	25	27	27	26	24	23	23	26
22	27	28	28	27	25	25	27	28	32	37	35	38	42	43	41	41	41	36	31	29	22	23	24	30
23	31	25	22	23	24	16	10	11	12	6	8	12	9	11	13	14	10	7	6	7	15	17	14	15
24	18	23	28	27	25	26	21	18	18	14	15	17	18	18	13	12	8	7	8	10	9	9	9	9
25	10	13	15	16	15	15	15	16	18	18	18	18	16	14	11	12	14	14	15	18	17	12	13	11
26	10	12	14	15	18	18	22	23	22	26	28	28	27	29	31	31	33	32	30	32	34	37	38	35
27	33	34	40	42	37	37	31	25	21	19	24	27	25	18	17	20	19	13	18	10	-2	4	9	8
28	6	3	6	9	12	14	-1	-3	-0	3	12	2	-1	0	-5	-5	-5	10	11	12	10	-1	4	6
29	5	11	4	3	13	15	8	10	9	9	11	10	13	7	8	-3	11	14	18	7	7	8	7	6
30	5	2	-12	-16	-1	-6	-17	-14	-12	-9	-11	-9	-6	-4	-3	-2	-1	-0	-2	-2	-6	-4	-0	5
31	9	10	9	9	7	7	5	5	5	6	9	12	17	25	34	21	21	22	22	18	15	12	14	15

NOVEMBER 1967

DAY	UNIT= GAMMAS																								G.M.T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	17	20	20	21	22	25	24	25	24	24	24	23	24	24	24	23	25	23	16	14	12	14	12	13		
2	14	14	19	15	13	11	5	2	7	7	5	8	10	13	10	11	9	-0	-10	-18	-11	-18	-21	-21		
3	-19	-12	-7	-5	-1	-0	-3	-5	-1	10	11	12	14	18	1	1	4	-10	2	-12	-26	-17	-14	-15		
4	-14	-15	-17	-20	-17	-14	-14	-10	-4	-1	7	12	14	18	16	17	19	18	15	12	8	6	-0	-6		
5	-6	3	7	5	5	-1	-4	-3	-1	1	3	4	5	5	5	-1	0	0	-5	-6	-7	-7	-7	-12		
6	-7	-3	2	5	7	11	10	9	14	19	19	20	20	21	19	20	23	24	21	19	19	16	15	14		
7	16	18	19	21	20	20	19	21	26	27	28	25	27	30	27	27	33	35	33	31	33	28	25	23		
8	26	14	12	7	11	11	11	6	12	16	22	17	23	29	32	23	19	22	30	6	-20	-32	-23	-15		
9	-15	-12	-9	-9	-8	-8	-9	-7	0	2	-2	2	5	-4	-7	-5	-7	-2	1	4	6	6	4	5		
10	4	7	8	8	8	9	8	10	13	17	18	18	13	14	12	10	9	9	8	9	7	8	12	12		
11	9	9	14	16	19	18	13	13	17	20	25	27	27	25	25	27	28	37	43	47	29	-1	-16	-7		
12	-1	-6	-9	-7	-8	-14	-10	-6	2	-3	1	5	6	5	6	6	0	5	-5	-8	-9	-3	0	-1		
13	3	7	3	-1	2	2	3	-4	-8	-6	-3	1	7	10	9	10	10	4	6	6	7	8	9	3		
14	1	6	10	10	7	3	6	8	11	14	17	16	20	21	21	16	13	8	6	8	11	9	7	7		
15	11	14	16	16	14	12	7	3	8	9	10	12	16	20	24	22	7	-10	-14	-12	-9	0	-0	-2		
16	5	10	11	9	13	10	7	6	2	3	7	8	8	12	19	21	19	21	19	15	15	15	13	10		
17	12	14	15	14	15	14	13	11	14	14	15	17	15	15	14	16	20	23	24	21	18	15	14	12		
18	13	14	15	14	17	17	20	23	26	24	20	17	19	22	23	22	21	18	15	17	20	23	25	24		
19	23	22	21	20	19	20	20	18	18	20	22	26	26	28	27	27	24	21	24	27	27	25	25	26		
20	25	25	25	26	26	27	25	24	23	21	21	23	21	19	20	22	23	23	25	26	27	30	34	36		
21	26	35	35	36	36	37	35	33	33	33	33	33	32	35	47	52	52	49	48	51	49	42	39	32		
22	27	38	34	26	22	21	14	15	5	1	1	3	6	6	11	15	15	19	23	22	26	31	28	27		
23	28	30	32	34	37	28	23	20	16	14	9	12	15	13	11	15	16	15	20	27	30	29	25	19		
24	9	14	10	10	9	1	-8	-8	-2	-3	-7	-7	-5	-3	4	7	0	-14	-13	-13	-8	-15	-14	-13		
25	-12	-10	-8	-7	-6	-6	-4	-0	3	4	3	3	2	0	4	1	-2	-4	-1	1	-1	-3	3	5		
26	2	4	4	5	9	7	2	1	3	8	7	8	13	11	11	15	15	17	15	11	12	14	19	19		
27	14	16	16	12	9	9	9	15	19	23	20	22	22	23	23	25	13	12	0	-3	-2	-3	-3	-6		
28	-9	-9	-13	-17	-21	-23	-24	-20	-16	-14	-14	-12	-8	-3	1	-3	-8	-10	-12	-17	-18	-20	-22	-15		
29	-2	-2	-1	0	-0	11	18	20	10	5	9	15	12	10	14	15	10	5	6	9	12	16	18	21		
30	23	20	17	18	20	19	12	6	-1	-0	1	8	15	15	18	18	18	17	17	2	-2	-1	-3	-2		

DECEMBER 1957

DAY	UNIT = GAMMAS																						G. M. T.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-6	-9	-9	-8	-4	-9	-5	-4	-6	-12	-10	-7	2	9	0	-1	-2	-4	-20	-37	-37	-42	-36	-44
2	-43	-35	-35	-35	-35	-33	-34	-28	-24	-26	-24	-18	-17	-15	-8	-6	-7	-9	-11	-9	-6	-1	2	-3
3	-1	-2	-1	-1	-2	2	-2	2	-2	-13	-14	-6	-7	-5	-5	-1	-2	-3	-5	-1	4	5	2	-2
4	-3	-3	-4	-6	0	4	2	-3	-2	-1	1	3	7	9	17	22	20	15	17	20	20	20	21	23
5	23	21	23	25	28	28	28	27	25	25	24	23	20	24	28	31	28	16	17	22	16	-1	6	13
6	18	17	15	15	15	17	22	26	19	15	10	1	10	15	18	11	7	-2	-1	9	17	9	0	-8
7	-18	-18	-2	-2	3	1	0	-9	-2	1	-2	-2	-4	-2	1	1	7	7	7	9	12	11	12	12
8	9	11	15	14	9	3	10	8	6	5	2	5	1	5	8	11	9	5	7	8	11	-3	-2	-3
9	-5	-2	-4	0	-1	-1	6	10	7	4	0	0	3	4	11	15	11	-2	3	2	1	1	4	4
10	7	9	10	8	9	9	11	11	7	9	8	5	5	8	12	15	16	15	15	15	15	13	9	9
11	11	5	2	6	9	6	6	7	10	10	9	11	12	12	12	13	10	7	5	5	5	7	9	9
12	8	10	7	6	11	10	10	10	9	9	9	9	11	12	14	16	10	11	14	17	15	15	16	19
13	23	23	20	22	23	24	24	20	14	18	18	19	21	23	23	25	23	22	17	21	22	23	24	21
14	21	23	25	20	20	23	25	23	20	19	17	19	18	18	16	15	16	15	20	24	24	28	29	29
15	32	29	37	35	35	35	28	24	20	17	14	18	19	18	24	29	29	27	28	34	39	37	38	43
16	43	40	45	45	47	41	41	40	39	34	33	32	32	35	45	39	34	22	21	24	22	19	14	15
17	16	15	13	12	11	11	6	-1	-13	-18	-23	-17	-9	-7	-5	-1	-1	2	4	7	9	8	6	4
18	1	-2	1	7	14	27	37	12	9	9	12	3	0	6	10	-4	-13	-12	-19	-16	-14	-10	-7	-3
19	-7	-11	-9	-7	-6	-10	-5	-4	-8	-15	-15	-6	1	-2	10	2	-9	-11	-11	-17	-13	-28	-34	-38
20	-30	-30	-35	-40	-37	-26	-20	-18	-27	-28	-24	-19	-15	-13	-4	-7	-15	-25	-9	-2	-1	-4	-1	6
21	10	12	11	4	3	6	4	3	7	-3	-2	8	5	7	8	7	1	3	11	19	20	19	11	3
22	2	-1	-4	-1	5	10	12	12	15	14	5	-4	5	11	12	12	15	18	19	20	12	9	10	9
23	-8	-10	-10	-11	-7	-5	-5	-6	-9	-9	-11	-11	-9	-6	-3	-6	-9	-7	-3	2	1	-3	-2	-2
24	-2	-2	-2	-2	2	4	8	7	6	3	1	3	-3	-5	-4	-2	0	5	8	12	14	11	8	9
25	12	11	8	7	9	10	7	8	10	11	9	8	6	5	6	9	7	8	10	10	10	10	5	8
26	10	12	9	5	4	7	14	18	15	10	9	11	13	8	4	-3	-8	-10	-7	-4	-4	-5	-1	4
27	4	3	3	5	8	7	10	8	3	5	7	4	-5	-2	-3	-2	3	10	10	9	7	7	8	11
28	12	10	6	9	11	13	14	17	22	23	22	23	22	20	17	17	18	23	22	14	9	1	1	-1
29	-1	-1	1	2	1	-2	1	4	5	7	12	13	24	28	29	24	23	22	23	20	15	10	16	24
30	31	29	22	18	19	18	18	23	26	25	29	32	32	34	40	45	35	30	4	-3	-10	-10	-12	-17
31	-20	-20	-18	-21	-22	-25	-33	-46	-56	-52	-41	-49	-49	-67	-72	-95	-106	-54	-61	-71	-87	-93	-89	-78

DAILY MEANS OF EQUATORIAL DST FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	9	10	11	11	24	-40	-15	10	-2	-12	21	-13
2	-2	12	7	-2	8	-31	-8	15	-6	-4	3	-19
3	3	20	17	10	-80	-12	5	16	3	5	-3	-2
4	5	15	16	12	-41	-22	12	14	4	5	1	8
5	9	2	4	-2	-23	-12	-11	13	12	5	-1	22
6	24	5	4	5	-11	-95	-7	19	16	7	14	11
7	5	-3	15	8	-6	-60	-5	14	21	13	26	1
8	-22	-57	13	7	-4	-26	5	12	13	20	11	7
9	-29	-27	7	12	2	-24	16	21	2	8	-3	3
10	-17	-12	-1	3	10	-15	22	10	11	-27	10	10
11	-10	-6	11	9	8	-5	15	15	22	-7	19	8
12	-10	5	15	-1	9	-7	3	5	25	-7	-2	12
13	2	3	16	16	0	3	14	10	4	-7	4	21
14	-09	-3	13	27	3	-6	11	7	-6	4	11	21
15	-38	8	17	24	-6	-8	18	12	6	15	7	29
16	-24	-38	22	12	11	1	12	14	5	12	12	33
17	-11	-47	22	3	-2	-0	22	15	9	10	16	1
18	0	-24	0	4	10	-2	21	4	7	9	20	2
19	0	-12	-12	-12	3	6	14	10	-1	15	23	-10
20	-14	-2	-17	-4	8	-1	19	14	-8	21	25	-18
21	-18	-2	-2	-7	14	16	18	17	-59	22	39	7
22	-1	-6	-2	-6	16	14	27	21	-23	32	19	9
23	12	-12	14	2	31	19	22	20	-6	14	22	-6
24	10	-16	18	-12	25	18	1	18	-3	16	-3	4
25	17	-4	13	1	-16	14	7	11	5	15	-1	9
26	13	-14	25	12	-221	-7	9	12	6	26	10	5
27	25	1	12	17	-77	-24	12	7	10	22	12	5
28	2	11	3	19	-58	-14	12	11	-21	4	-14	14
29	14	0	9	22	-70	-11	7	15	-51	9	10	13
30	3	0	4	23	-40	-7	-21	9	-32	-5	11	19
31	16	0	5	2	-61	2	-10	10	0	14	0	-57
MEAN	-2	-7	11	7	-18	-11	3	13	-1	8	11	5

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2

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