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HOURLY VALUES OF EQUATORIAL DST FOR THE YEARS 1957 TO 1970

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JULY 1971

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———— GODDARD SPACE FLIGHT CENTER ————

GREENBELT, MARYLAND

207

HOURLY VALUES OF EQUATORIAL Dst
FOR THE YEARS 1957 to 1970

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July 1971

Introduction

The Dst index provides a planetary magnetic activity index on an hourly basis, and has been extensively used in studies of geophysical disturbance phenomena, particles and plasmas in the magnetosphere, solar-terrestrial relationships, and cosmic rays. The present report is a result of an effort to re-evaluate the hourly equatorial Dst values for the years 1957 to 1970 so that long term variations in Dst can be studied. The previous Dst indices were calculated on a yearly basis, and there were questions as to whether or not Dst values for different years can be compared to derive, for instance, solar cycle changes. Also the previous series of Dst indices had a two-year gap in 1959 to 1960, which has been filled in the new series. The method of derivation of Dst is the same as in the past, and will be fully described in a later version of this report in a NASA Technical Note.

The hourly values of equatorial Dst in the following reports are now superseded by those given in this report, except for the Dst indices for the IGY, which are based on data from eight observatories and hence have an independent value in themselves. However, when Dst for the IGY is to be compared to Dst in other years, the values given in the new series may be more suitable because of the use of the same observatories (except for the change from Hermanus to Kakioka after 1963) and the uniform method of determining the base lines.

Previous Dst reports:

Sugiura, M., Hourly values of equatorial Dst for the IGY, Annals of the IGY, 35, 9, 1964.

Sugiura, M., and S. Hendricks, Provisional hourly values of equatorial Dst for 1961, 1962, and 1963, NASA Technical Note D-4047, August, 1967.

Sugiura, M., and S. Cain, Provisional hourly values of equatorial Dst for 1964, 1965, 1966, and 1967, NASA Technical Note D-5748, May 1970.

Sugiura, M., and S. J. Cain, Provisional hourly values of equatorial Dst for 1968, NASA Technical Note D-6278, March 1971.

Sugiura, M., and D. J. Poros, Preliminary hourly values of equatorial Dst for 1969, Goddard Space Flight Center Preprint X-645-70-345, 1970.

Sugiura, M., and D. J. Poros, Provisional hourly values of equatorial Dst January to June 1970, Goddard Space Flight Center Preprint X-645-70-405, 1970.

Observatories and Determination of the Base Lines

The observatories used are Honolulu, San Juan, and Hermanus for the years 1957 to 1963, and Honolulu, San Juan, and Kakioka for the years 1964 to 1970. The locations of these observatories are given in Table 1.

Table 1 - Coordinates of the Observatories

Observatory		Geographic		Geomagnetic dipole latitude
		Latitude	Longitudes (E)	
San Juan		18.38°	293.88°	29.9°
"	From Jan 1965	18.01°	293.85°	29.6°
Kakioka		36.23°	140.18°	26.0°
Honolulu	Up to April 1960	21.30°	201.90°	21.0°
"	After Apr. 1960	21.32°	201.98°	21.1°
Hermanus		-34.40°	19.22°	-33.3°

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 H for the "five international quiet days." The Honolulu Observatory was moved at the end of April 1960. Hence, two separate sets of coefficients were obtained for the periods prior to, and after, the move. The San Juan Observatory was also moved at the end of 1964. Thus two sets of coefficients were obtained for this observatory also. The power series for the reference level was expressed in the form:

$$y = y_0 + a_1x + a_2x^2,$$

where y_0 , a_1 , and a_2 are constants and x is the time measured in years from 1960.5. Values of the coefficients are given in Table 2 together with a significant level expressed by 0, 1, 2, or 3. The significant level is based on the confidence level in a t-test according to the following scheme:

<u>Significance level</u>	<u>Confidence level</u>
0	above or equal to 99%
1	above or equal to 95% and below 99%
2	above or equal to 50% and below 95%
3	below 50%

Tables 3a, 3b, 3c, and 3d show comparisons to the observed values; the standard deviation is provided in each table.

Figures and Tables of Dst

Figures and Tables of Dst for 1957 to 1970 are presented in this report. A table giving the daily mean Dst, the monthly mean Dst, and the annual mean Dst is provided for each year at the end of the monthly tabulations of hourly Dst values.

Acknowledgements

We wish to express our gratitude to the Hermanus and Kakioka Magnetic Observatories and the National Oceanic and Atmospheric Administration for making the data available and to the staff of the World Data Center - A for Geomagnetism whose assistance was invaluable.

TABLE 2
 Values of Coefficients for the Observatories
 (Significance levels are shown in parenthesis)

Coefficient	Honolulu		Hermanus	Kakioka		San Juan	
	1957 - 1960.16	1960.66 - 1970	1957 - 1963	1964 - 1969	1970	1957 - 1964	1965 - 1970
γ_0	γ 28382.023 (0)	γ 28115.691 (0)	γ 12899.285 (0)	γ 30219.375 (0)	γ 30242.566 (0)	γ 27656.340 (0)	γ 27484.578 (0)
a_1	-10.101 (2)	-15.073 (0)	-74.751 (0)	-3.773 (8)	-11.902 (2)	4.565 (0)	17.945 (2)
a_2	1.766 (2)	-0.587 (0)	0.607 (0)	-0.428 (3)	0.238 (3)	-0.1363 (2)	-1.053 (2)

TABLE 3a
Observed and Computed H for Honolulu
Standard deviation = 1.2

Epoch	Observed *H	Computed H	Difference
1957.5	28428 γ	28428 γ	0 γ
1958.5	28410	28409	1
1959.5	28393	28494	-1
1960.1653	28386	28386	0
Standard deviation = 2.6			
1960.6653	28111	28113	-2
1961.5	28101	28100	1
1962.5	28085	28083	2
1963.5	28067	28065	2
1964.5	28044	28046	-2
1965.5	28027	28026	1
1966.5	28004	28004	0
1967.5	27978	27981	-3
1968.5	27956	27958	-2
1969.5	27937	27932	4
1970.5	27905	27406	1

* Mean of five quiet days

TABLE 3b
 Observed and Computed H for San Juan
 Standard deviation = 3.3

Epoch	Observed *H	Computed H	Difference
1957.5	27636	27639	-3
1958.5	27651	27646	5
1959.5	27653	27651	2
1960.5	27653	27656	-3
1961.5	27659	27660	-1
1962.5	27665	27664	1
1963.5	27667	27667	0
1964.5	27669	27669	0
Standard Deviation = 3.1			
1965.5	27548	27548	0
1966.5	27555	27554	1
1967.5	27558	27559	-1
1968.5	27558	27561	-3
1969.5	27565	27561	4
1970.5	27557	27559	2

* Mean of five quiet days

TABLE 3c
 Observed and Computed H for Hermanus
 Standard deviation = 2.8

Epoch	Observed *H	Computed H	Difference
1957.5	13128	13129	-1
1958.5	13054	13051	3
1959.5	12974	12975	-1
1960.5	12896	12899	-3
1961.5	12826	12825	1
1962.5	12755	12752	-3
1963.5	12679	12680	-1

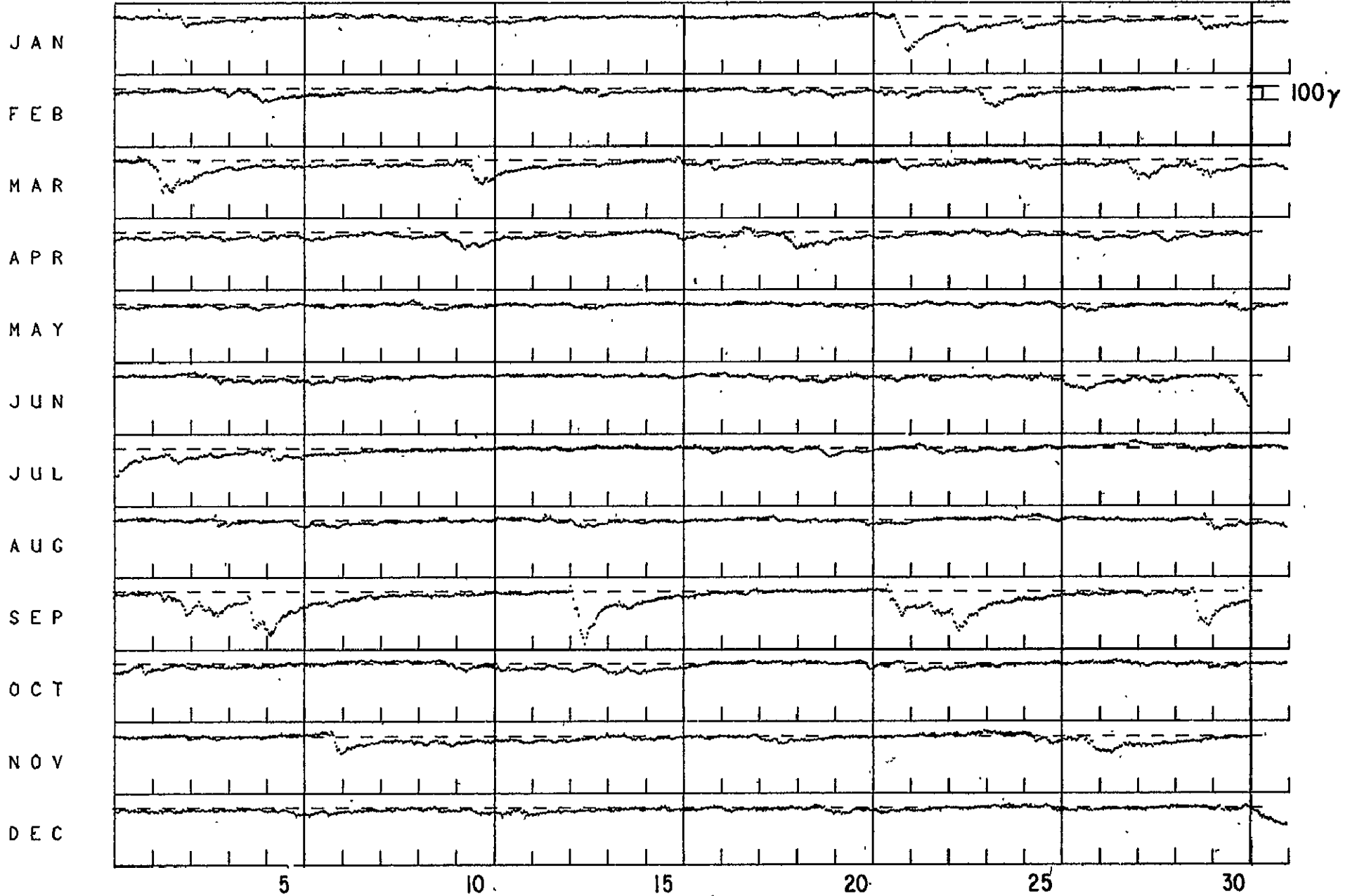
* Mean of five quiet days

TABLE 3d
 Observed and Computed for Kakioka
 Standard deviation = 3.9

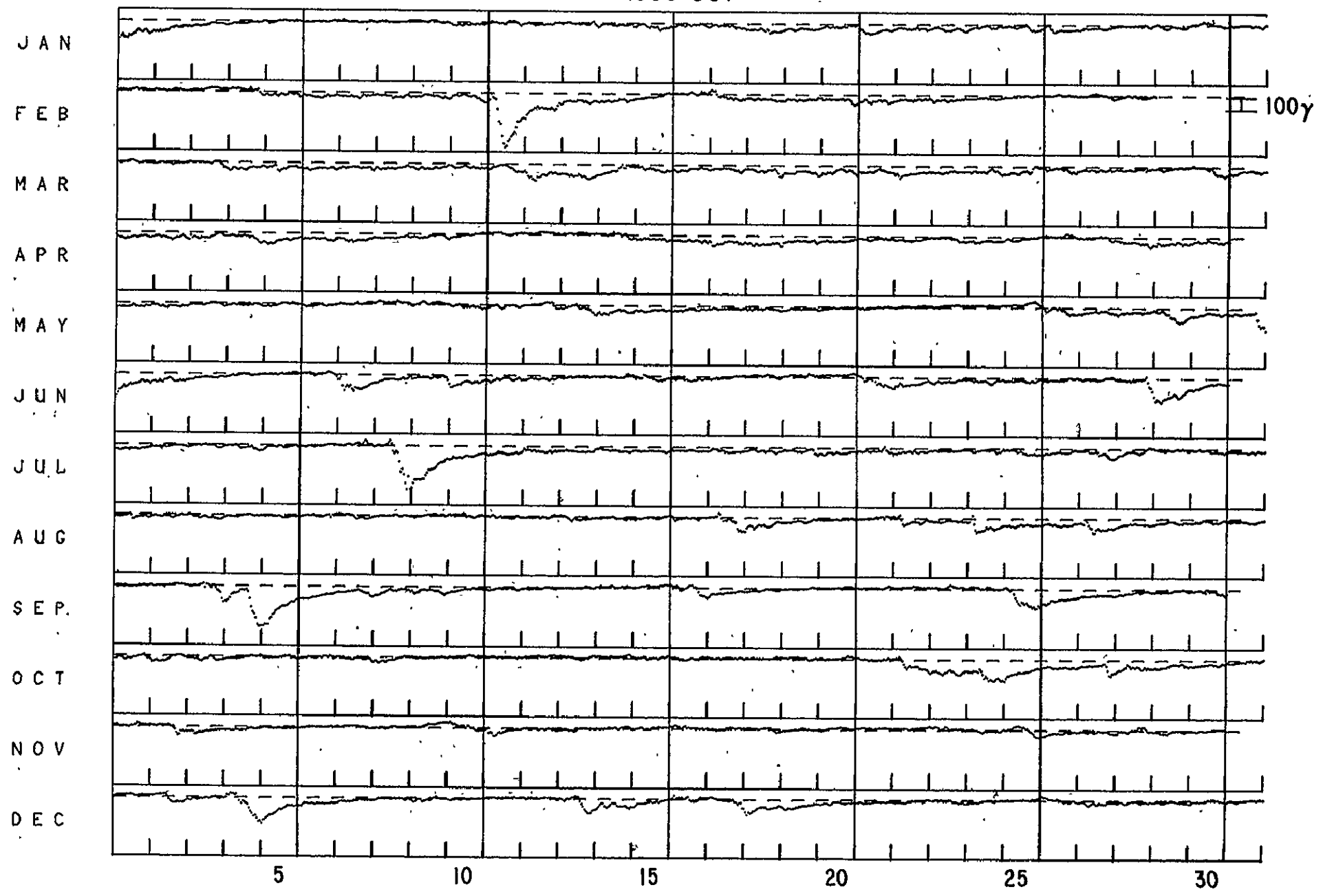
Epoch	Observed *H	Computed H	Difference
1964.5	30195	30197	-2
1965.5	30193	30190	3
1966.5	30184	30181	3
1967.5	30169	30172	-3
1968.5	30159	30162	-3
1969.5	30153	30151	2
1970.5	30150	30147	3

* Mean of five quiet days

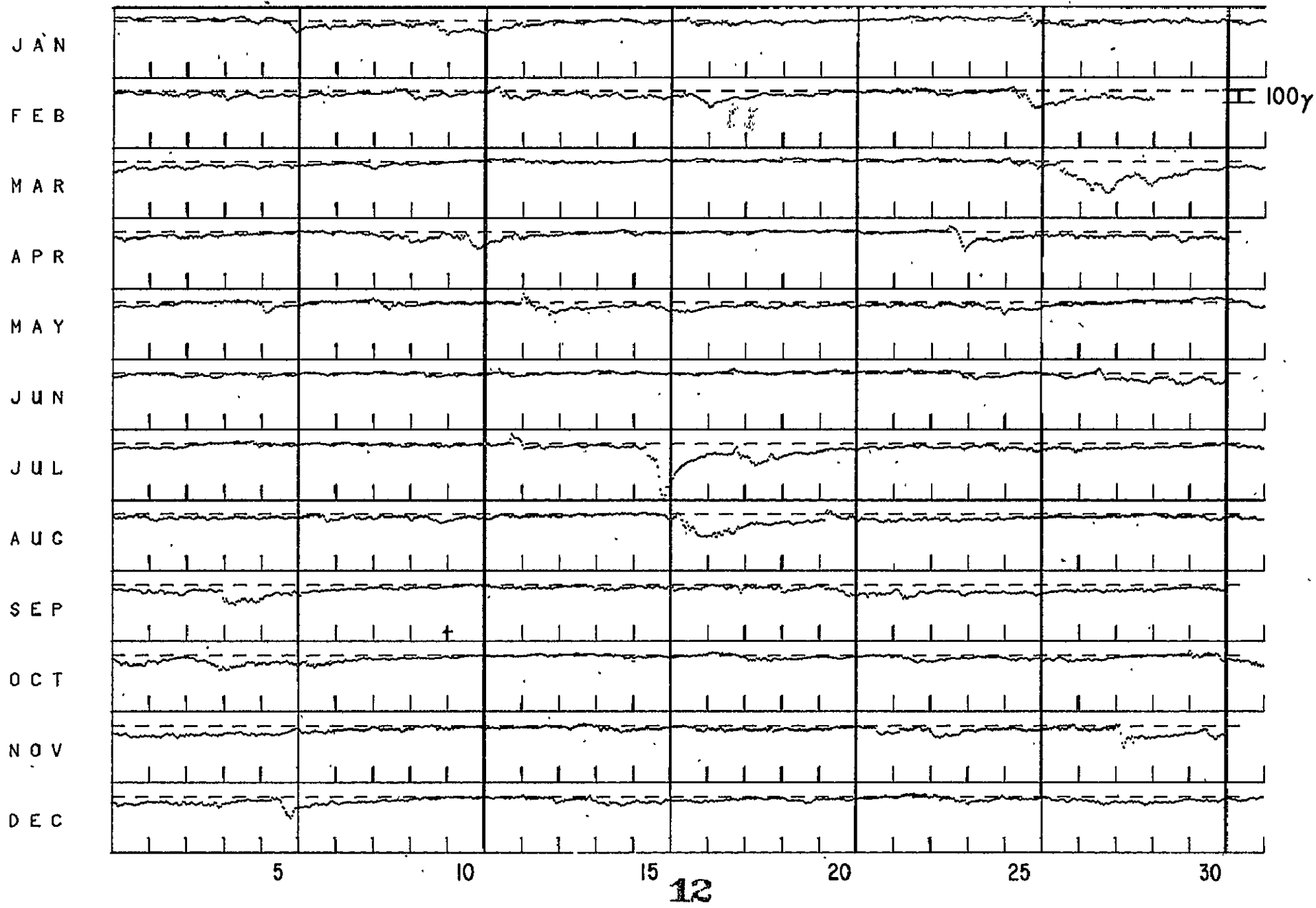
1957 DST



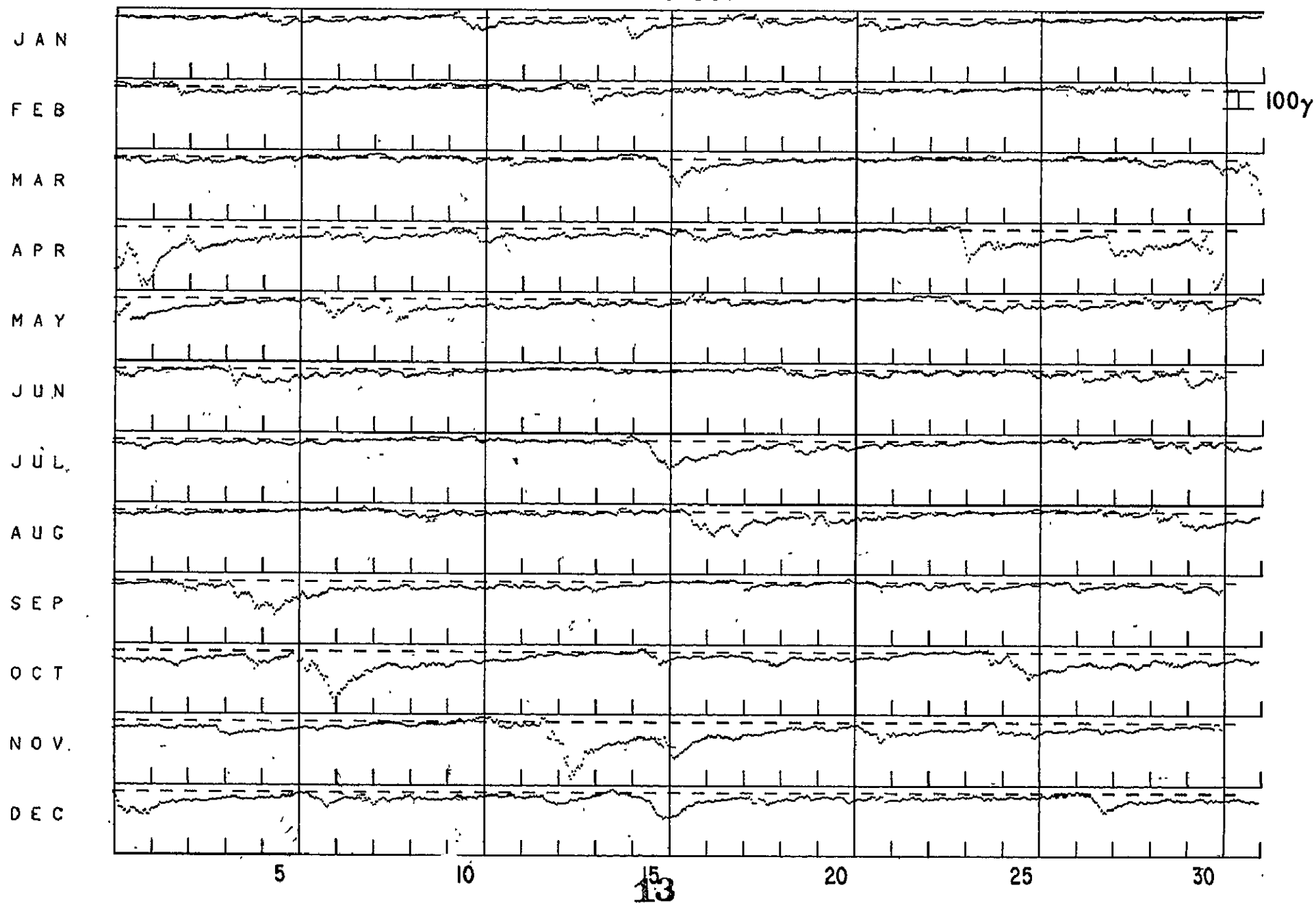
1958 DST



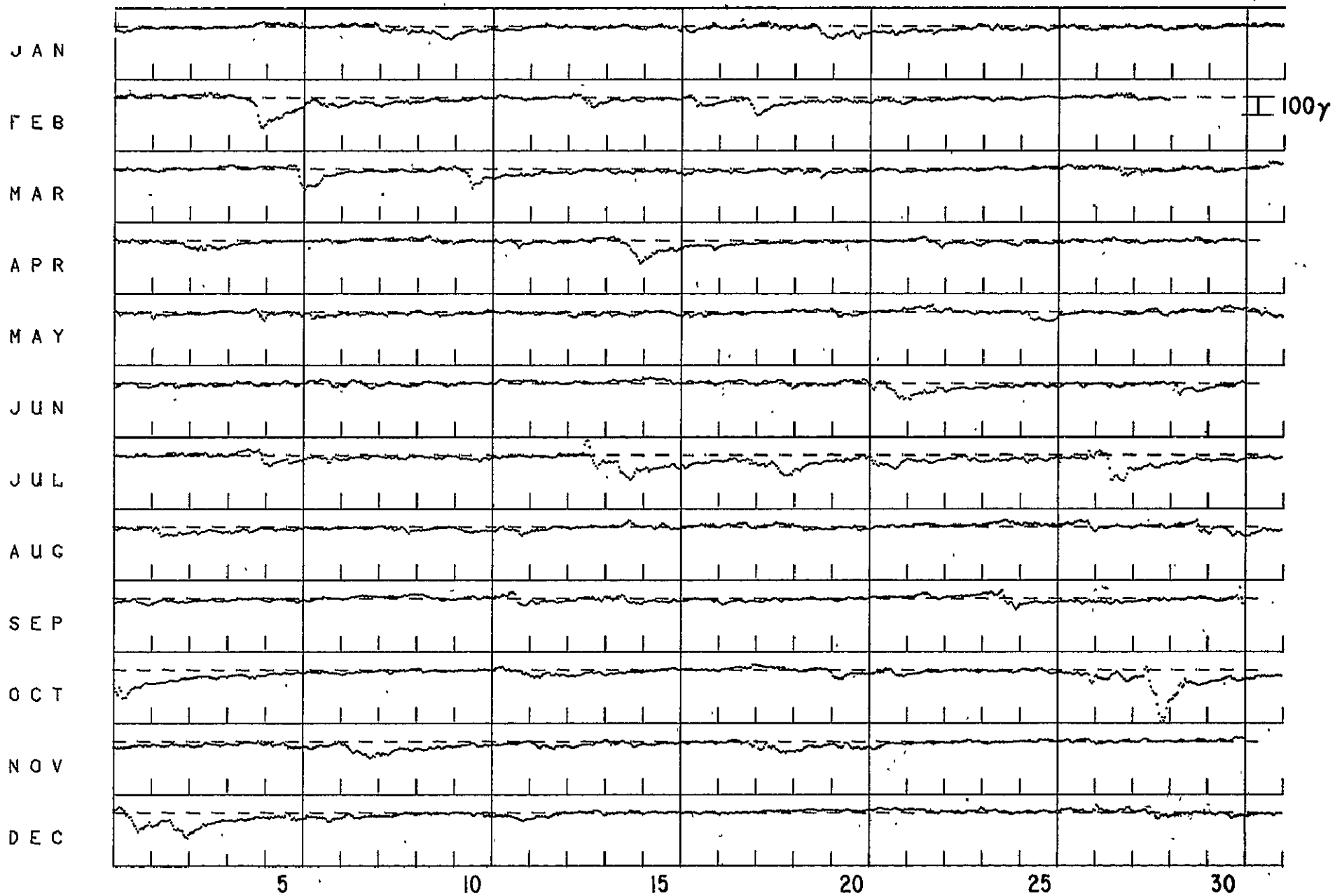
1959 DST



1960 DST



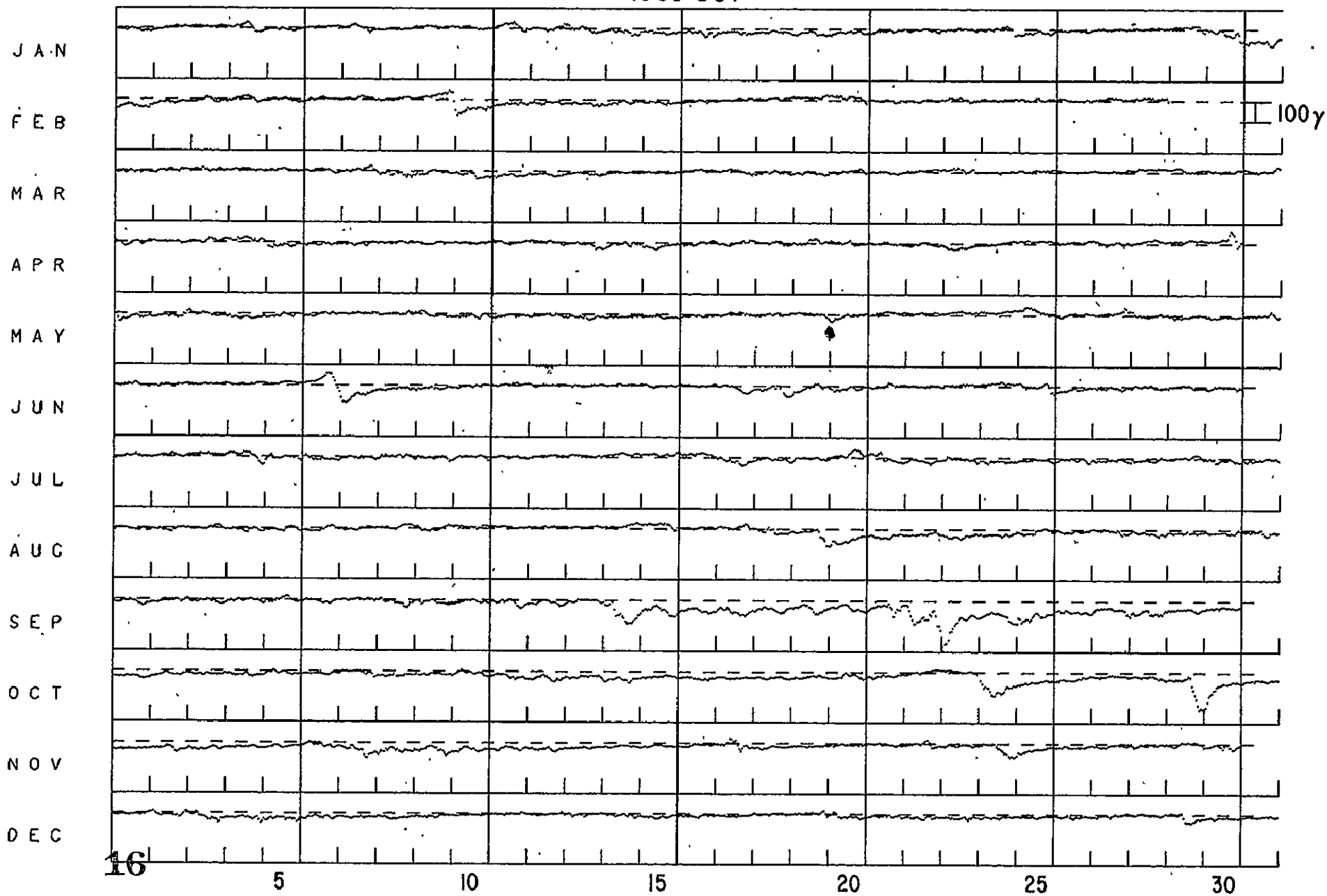
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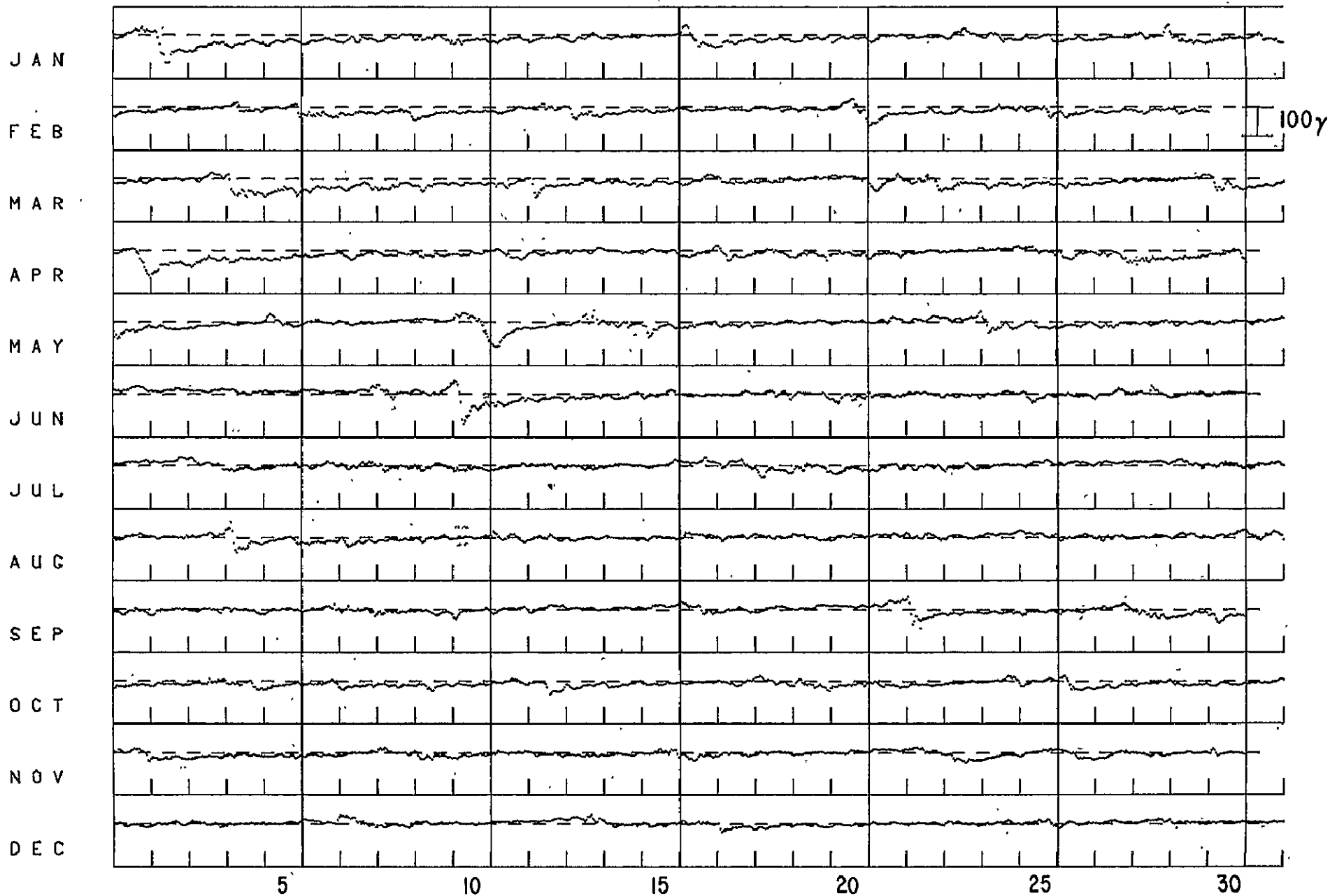
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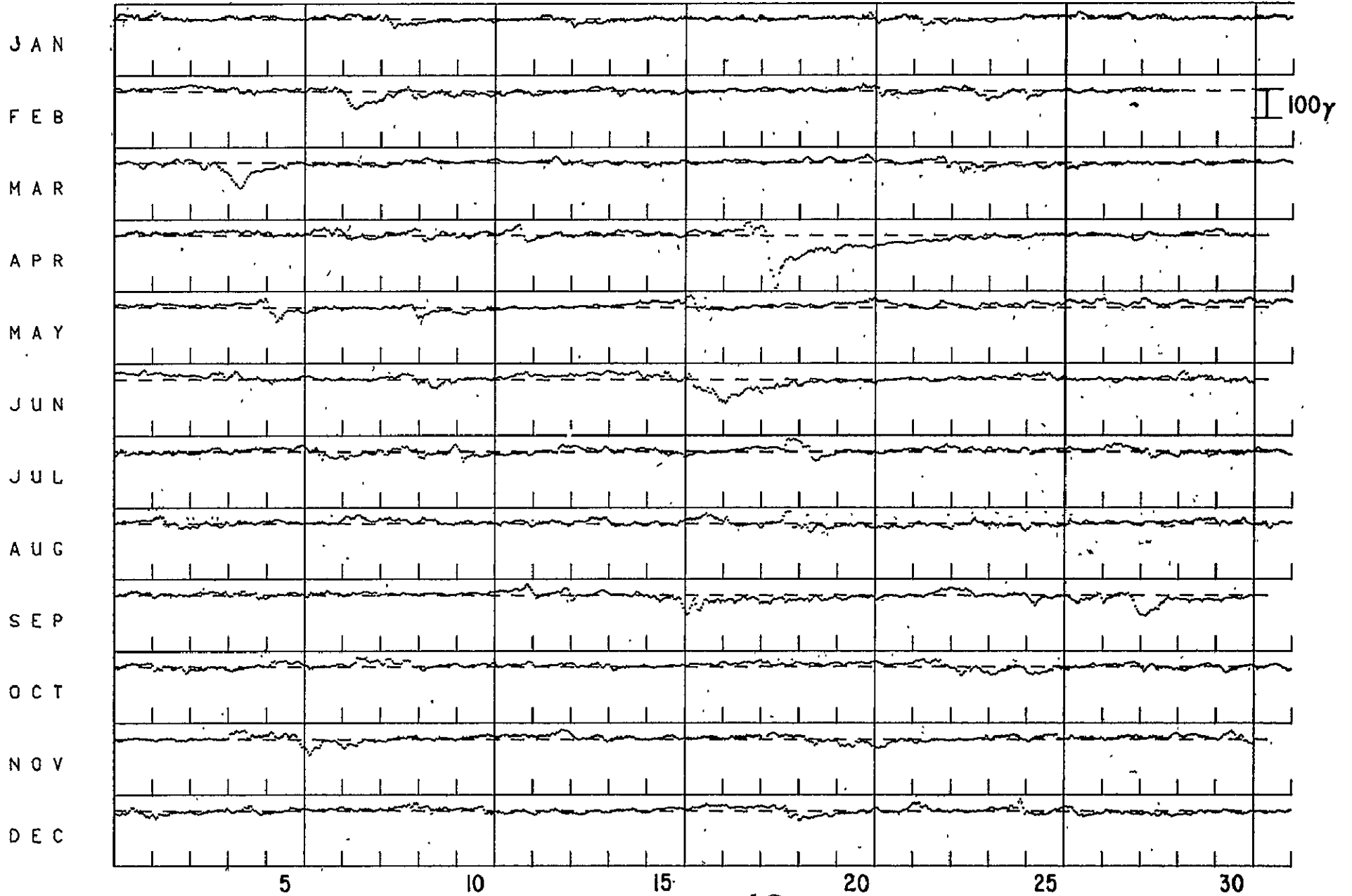
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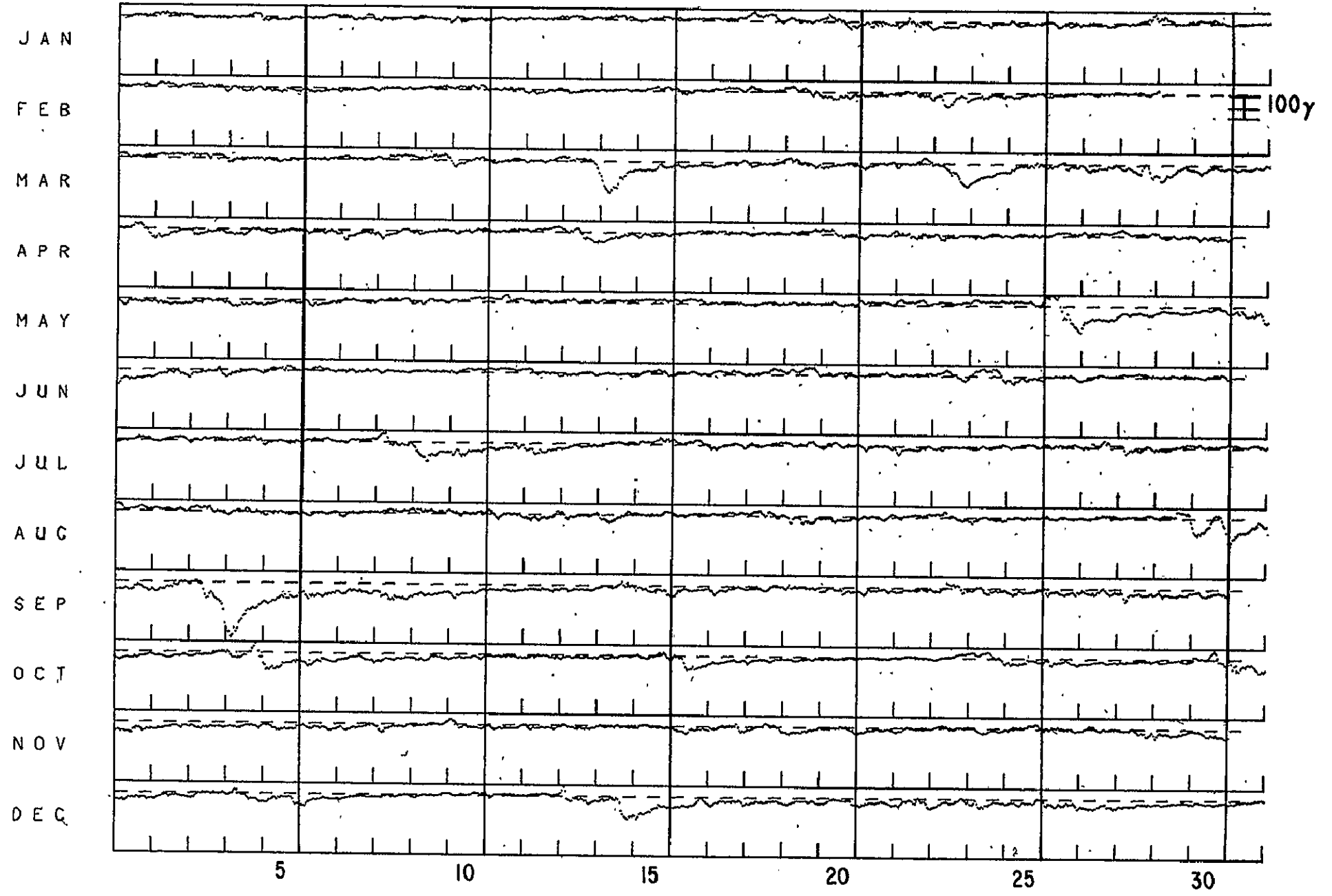
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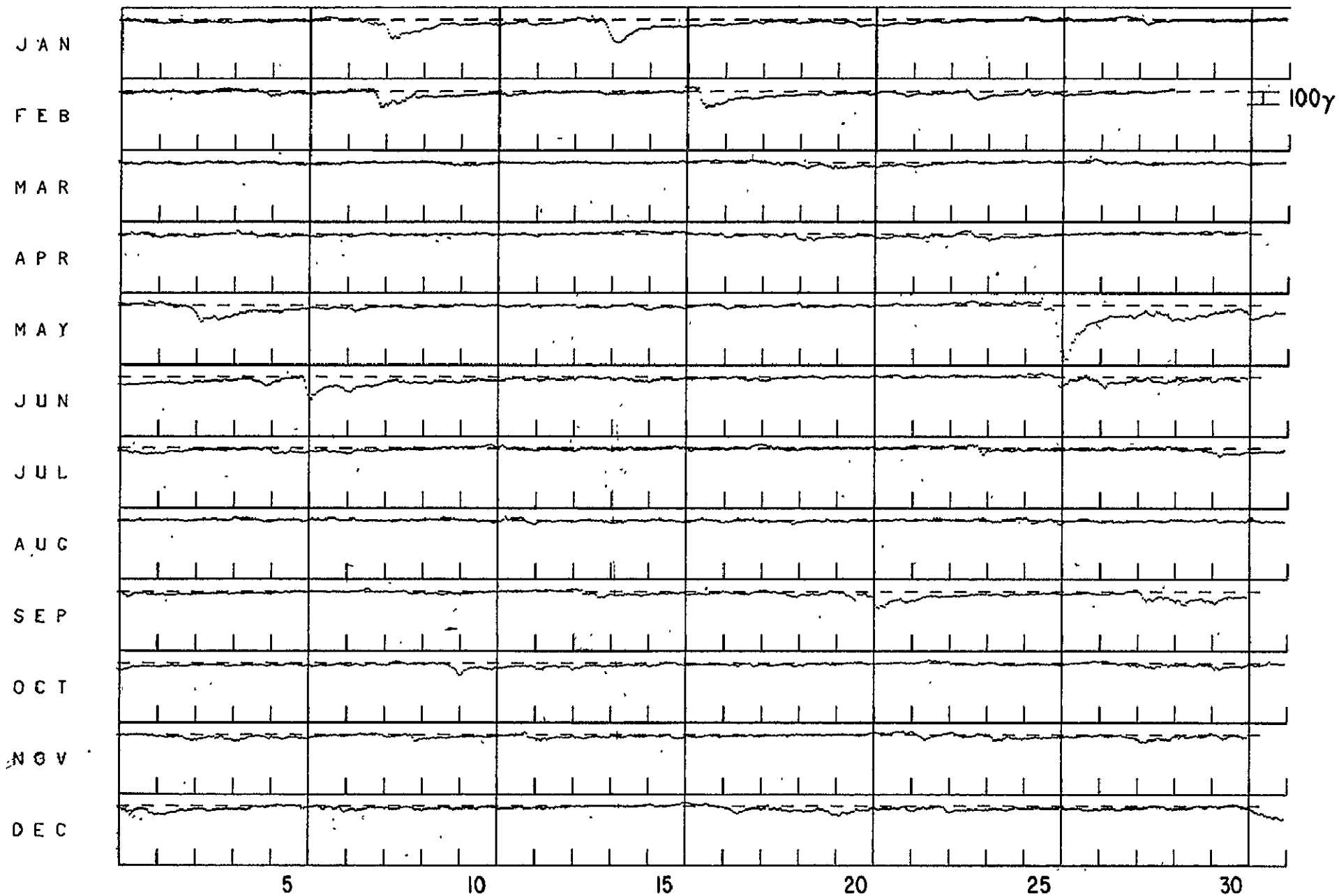
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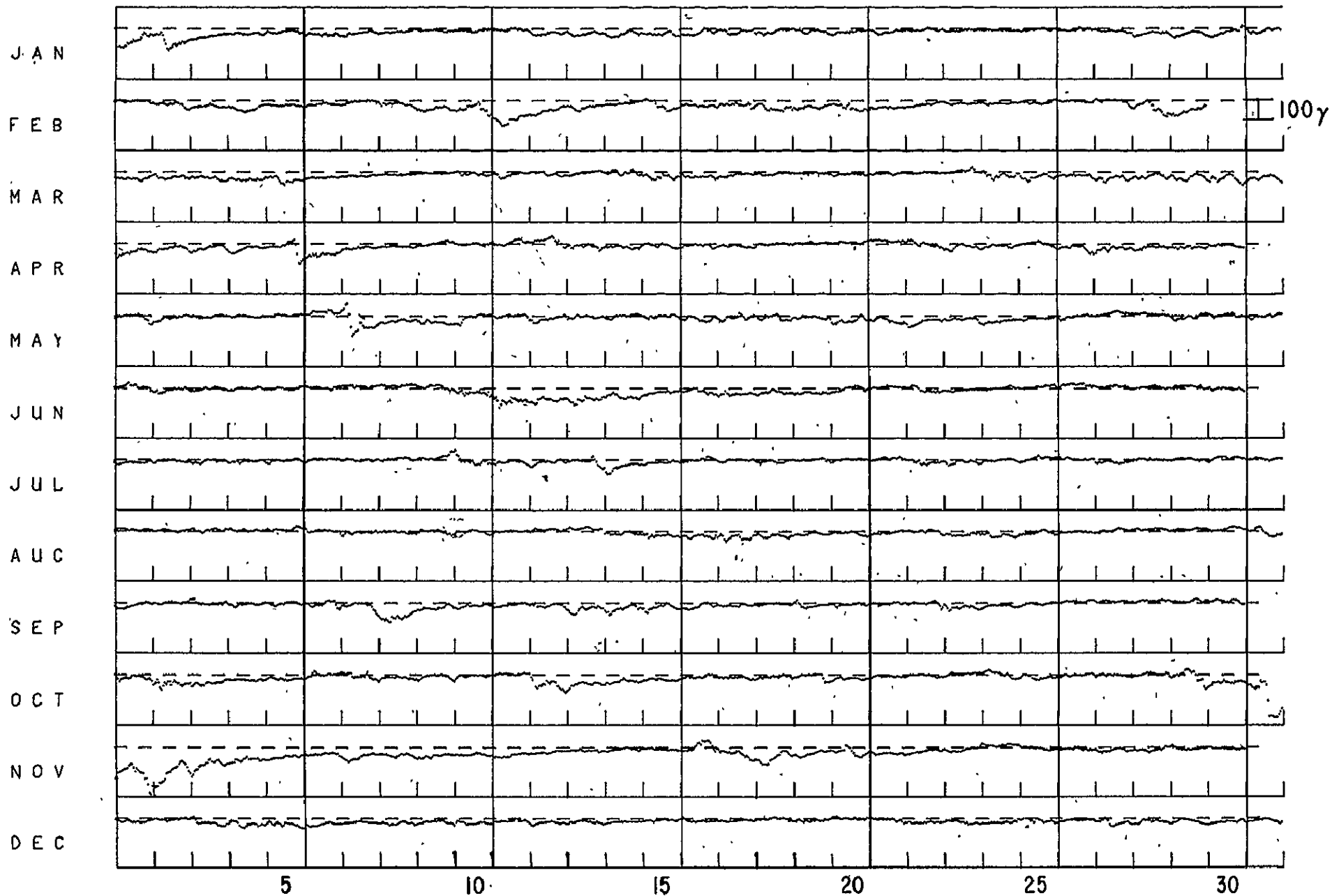
1966 DST



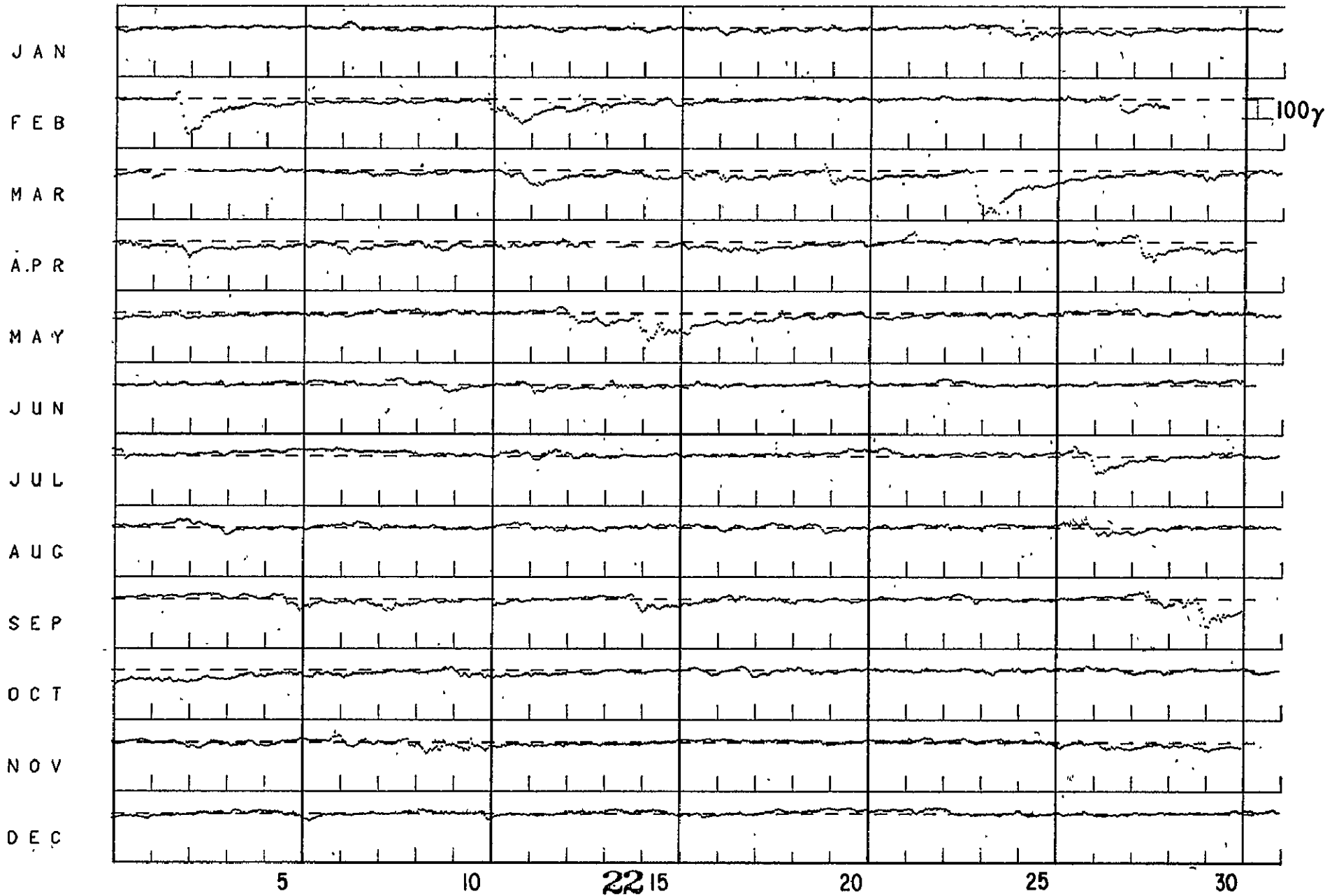
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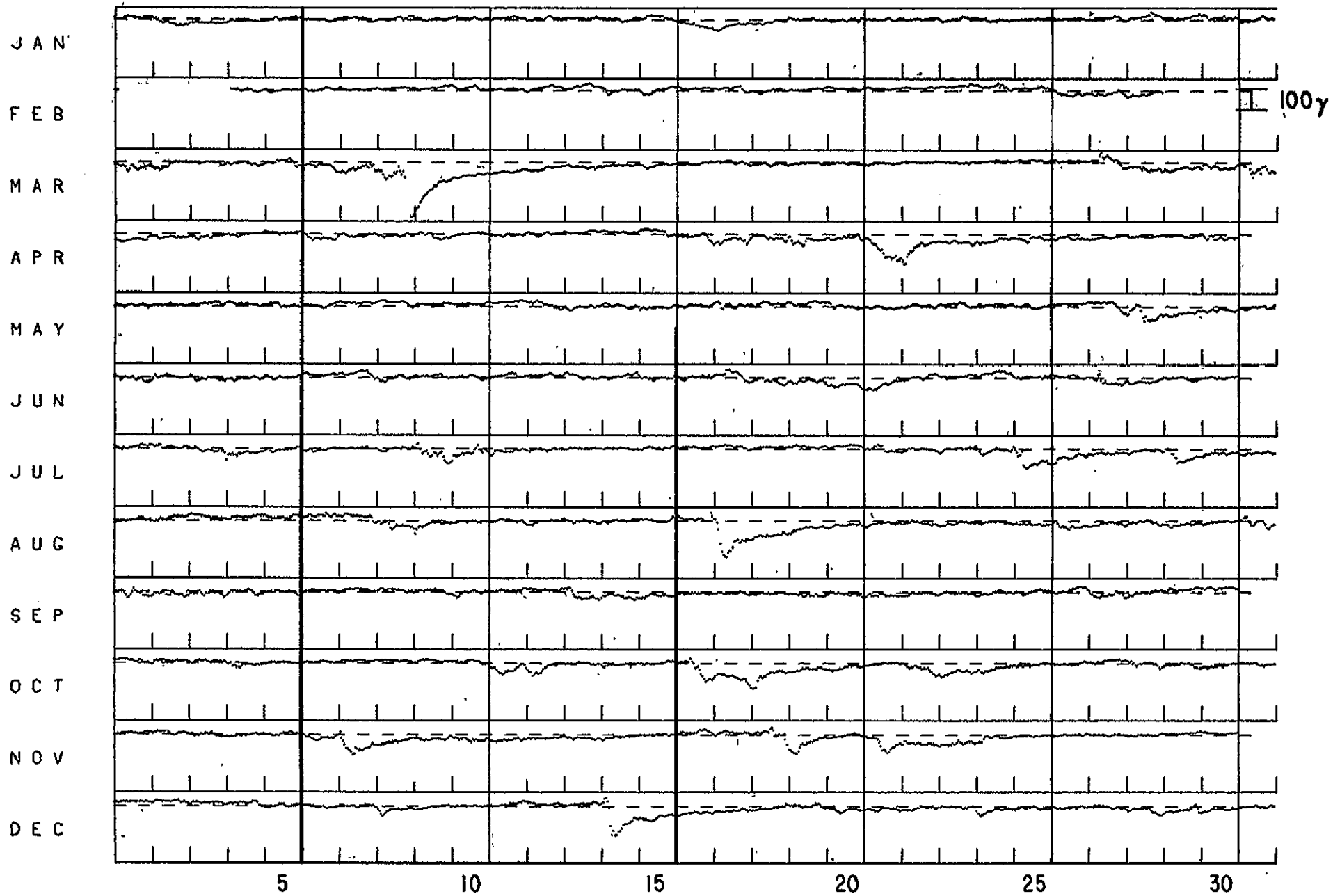


1968 DST



1969 DST





NOT REPRODUCIBLE

JANUARY 1957

UNIT=GAMMAS

G.M.T.

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FEBRUARY 1957

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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	-65	-64	-58	-55	-53	-45	-41	-40	-38	-47	-47	-45	-46	-46	-39	-35	-41	-45	-51	-52	-58	-53	-48	-57
2	-60	-48	-46	-44	-45	-44	-44	-44	-51	-48	-44	-40	-41	-41	-35	-30	-30	-29	-30	-33	-33	-39	-49	-48
3	-34	-28	-26	-29	-32	-33	-30	-29	-35	-37	-39	-34	-32	-27	-24	-29	-34	-39	-43	-37	-50	-61	-68	-48
4	-53	-53	-45	-49	-52	-44	-43	-44	-39	-41	-38	-36	-31	-30	-26	-33	-40	-37	-36	-30	-43	-52	-58	-59
5	-58	-50	-42	-39	-37	-30	-31	-41	-33	-26	-14	-18	-25	-28	-27	-28	-26	-21	-23	-20	-19	-24	-38	-37
6	-43	-57	-49	-53	-61	-61	-54	-49	-48	-48	-43	-53	-54	-50	-48	-44	-41	-34	-31	-33	-31	-30	-30	-26
7	-24	-23	-23	-26	-26	-20	-17	-18	-18	-19	-20	-21	-20	-18	-13	-6	-5	-0	-1	-3	-6	-12	-15	-15
8	-13	-11	-8	-4	-2	-5	-4	-9	-15	-25	-31	-28	-27	-29	-32	-32	-32	-26	-29	-35	-45	-46	-42	-41
9	-37	-38	-35	-34	-34	-26	-26	-33	-28	-30	-28	-30	-29	-26	-24	-17	-13	-18	-32	-42	-47	-56	-63	-54
10	-60	-65	-68	-82	-102	-116	-125	-100	-101	-103	-92	-84	-80	-90	-98	-108	-105	-95	-94	-87	-82	-78	-70	-64
11	-64	-63	-57	-55	-52	-45	-38	-34	-35	-36	-36	-45	-45	-39	-36	-35	-37	-38	-38	-34	-43	-45	-42	-37
12	-33	-26	-27	-32	-29	-17	-19	-26	-26	-21	-20	-17	-19	-16	-16	-3	-10	-32	-36	-37	-39	-43	-41	-36
13	-31	-28	-17	-20	-22	-26	-30	-29	-19	-21	-18	-21	-25	-28	-30	-25	-25	-28	-27	-24	-23	-24	-19	-18
14	-17	-18	-17	-17	-16	-12	-10	-9	-10	-10	-9	-6	-4	-4	-3	-3	-2	1	8	5	2	5	5	4
15	8	9	8	8	6	3	2	5	8	12	8	4	1	-4	-6	-5	-6	-9	-8	-11	-15	-23	-48	-50
16	-54	-54	-46	-41	-42	-34	-36	-32	-29	-22	-17	-20	-20	-19	-26	-30	-33	-37	-35	-32	-30	-30	-35	-37
17	-33	-25	-19	-24	-35	-28	-20	-27	-25	-23	-22	-10	11	10	27	33	33	30	24	20	-2	11	-29	-6
18	-31	-24	-24	-21	-24	-16	-16	-7	-11	-11	-7	-13	-16	-19	-15	-1	-11	-38	-47	-61	-62	-74	-95	-107
19	-121	-124	-111	-56	-107	-110	-97	-103	-97	-85	-86	-94	-89	-78	-73	-79	-78	-70	-83	-91	-94	-83	-75	-62
20	-58	-58	-54	-48	-47	-52	-53	-46	-47	-52	-52	-48	-44	-43	-42	-42	-45	-46	-36	-31	-30	-26	-25	-31
21	-34	-42	-43	-42	-44	-45	-43	-42	-40	-30	-35	-36	-54	-35	-40	-43	-41	-37	-33	-25	-21	-19	-17	-20
22	-23	-24	-22	-19	-17	-15	-14	-14	-12	-11	-11	-10	-9	-8	-9	-10	-14	-16	-17	-16	-12	-8	-9	-11
23	-15	-20	-24	-23	-14	-9	-9	-4	3	2	-3	-3	-5	-6	-1	6	8	8	3	-1	2	-8	-8	-11
24	-19	-30	-27	-17	-12	-10	-10	-8	-13	-13	-11	-8	-8	-2	11	13	0	6	-2	-6	-11	-20	-26	-33
25	-32	-26	-24	-24	-22	-21	-17	-18	-20	-20	-17	-13	-13	-13	-19	-25	-25	-27	-25	-26	-24	-19	-22	-23
26	-22	-21	-17	-18	-21	-24	-29	-28	-28	-21	-14	-24	-35	-38	-40	-40	-42	-39	-41	-37	-37	-49	-58	-60
27	-63	-56	-48	-44	-40	-40	-42	-38	-38	-40	-37	-35	-28	-30	-34	-33	-35	-37	-38	-37	-44	-45	-41	-36
28	-33	-29	-24	-16	-13	-17	-19	-17	-17	-17	-9	-7	-17	-23	-31	-39	-48	-57	-62	-73	-77	-67	-64	-50
29	-43	-47	-54	-47	-38	-36	-30	-26	-26	-25	-23	-19	-18	-24	-31	-35	-38	-41	-39	-37	-38	-36	-31	-25
30	-22	-20	-18	-21	-18	-21	-22	-21	-25	-23	-19	-20	-22	-19	-15	-9	-12	-11	-16	-22	-30	-21	-20	-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	-7	-3	-1	2	0	-3	-4	-1	0	-4	-9	-11	-14	-8	-7	2	18	12	5	9	8	2	-14	-30
2	-32	-43	-55	-70	-80	-142	-228	-247	-199	-188	-197	-222	-234	-236	-215	-190	-163	-157	-190	-173	-171	-166	-154	-164
3	-168	-157	-146	-131	-127	-125	-110	-110	-103	-92	-88	-85	-89	-90	-91	-90	-84	-74	-76	-74	-66	-62	-55	-52
4	-53	-52	-53	-61	-69	-69	-68	-69	-67	-61	-59	-55	-54	-49	-47	-45	-43	-41	-37	-36	-39	-44	-47	-55
5	-54	-46	-48	-44	-42	-38	-39	-45	-44	-42	-46	-48	-48	-42	-42	-39	-40	-53	-56	-46	-37	-39	-53	-47
6	-52	-49	-42	-39	-43	-45	-43	-44	-43	-38	-38	-41	-37	-37	-37	-42	-38	-36	-32	-39	-44	-46	-40	-38
7	-35	-33	-31	-34	-35	-33	-31	-32	-30	-31	-31	-29	-27	-30	-32	-31	-32	-25	-20	-19	-23	-31	-42	-50
8	-45	-41	-38	-36	-34	-34	-38	-40	-42	-36	-35	-37	-39	-38	-35	-27	-24	-26	-27	-27	-35	-37	-37	-35
9	-39	-44	-47	-46	-48	-44	-44	-47	-36	-33	-34	-35	-34	-33	-32	-30	-30	-33	-26	-24	-28	-34	-36	-32
10	-16	-7	-7	-11	-32	-29	-19	-31	-35	-48	-46	-79	-133	-146	-149	-168	-174	-178	-164	-143	-138	-161	-154	-149
11	-142	-143	-119	-107	-107	-103	-98	-94	-87	-84	-86	-85	-84	-84	-79	-75	-72	-71	-69	-65	-61	-58	-54	-54
12	-53	-49	-51	-55	-54	-51	-55	-58	-59	-55	-52	-54	-53	-48	-46	-42	-40	-38	-38	-37	-35	-35	-34	-33
13	-34	-34	-33	-34	-35	-33	-34	-32	-29	-27	-30	-28	-28	-28	-28	-28	-32	-39	-44	-46	-40	-34	-32	-26
14	-25	-25	-25	-23	-24	-23	-21	-22	-23	-23	-18	-16	-14	-12	-11	-12	-11	-12	-12	-9	-7	-6	-3	-7
15	-5	-6	-11	-10	-9	-9	-9	-14	-1	-7	-3	-4	-2	2	3	3	2	-3	-10	-13	2	22	13	-10
16	-17	-15	-32	-33	-31	-30	-24	-32	-30	-28	-32	-38	-36	-31	-23	-18	-7	-13	-22	-59	-71	-75	-65	-50
17	-49	-46	-47	-45	-46	-46	-54	-54	-50	-44	-43	-45	-42	-39	-31	-24	-26	-35	-22	-21	-22	-23	-24	-22
18	-24	-22	-24	-27	-22	-22	-25	-25	-23	-23	-26	-29	-36	-36	-29	-22	-22	-25	-25	-25	-23	-27	-26	-29
19	-27	-23	-21	-20	-20	-20	-19	-19	-24	-23	-28	-34	-29	-25	-22	-20	-16	-20	-23	-19	-17	-22	-24	-24
20	-22	-26	-20	-15	-21	-30	-34	-36	-35	-32	-36	-35	-33	-26	-17	-10	-8	-11	-11	-11	-15	-16	-11	-17
21	-21	-18	-16	-16	-20	-17	-13	-15	-15	-13	-12	-10	-2	4	-2	3	-10	-30	-48	-59	-60	-61	-73	-62
22	-56	-50	-43	-47	-49	-49	-45	-35	-39	-40	-37	-40	-37	-34	-38	-29	-23	-36	-43	-44	-42	-33	-44	-49
23	-32	-34	-41	-43	-36	-31	-34	-26	-21	-18	-18	-23	-23	-23	-21	-17	-26	-28	-23	-19	-18	-18	-17	-19
24	-17	-16	-13	-17	-22	-18	-16	-16	-15	-16	-14	-14	-17	-16	-14	-11	-7	-8	-14	-25	-30	-30	-28	-24
25	-20	-14	-16	-33	-49	-63	-48	-44	-47	-51	-59	-68	-63	-48	-39	-41	-41	-38	-40	-42	-38	-36	-36	-35
26	-34	-32	-31	-33	-34	-34	-32	-31	-30	-30	-26	-23	-32	-27	-25	-26	-26	-35	-34	-32	-29	-37	-50	-53
27	-43	-36	-37	-40	-44	-33	-28	-19	-23	-26	-24	-15	-21	-14	-11	-19	-21	-12	-15	-32	-58	-79	-104	-88
28	-117	-148	-119	-109	-108	-115	-125	-133	-137	-117	-111	-103	-106	-95	-84	-73	-55	-49	-53	-55	-49	-45	-48	-49
29	-54	-50	-50	-38	-20	-14	-42	-27	-28	-34	-49	-47	-44	-19	-39	-73	-79	-78	-117	-92	-88	-88	-109	-133
30	-114	-99	-98	-90	-82	-80	-87	-89	-84	-77	-76	-75	-77	-73	-66	-61	-57	-50	-44	-44	-46	-51	-48	-53
31	-51	-50	-51	-53	-52	-51	-47	-47	-45	-44	-51	-45	-40	-36	-39	-34	-35	-39	-50	-55	-52	-53	-68	-74

NOT REPRODUCIBLE

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	-25	-26	-25	-30	-26	-26	-34	-38	-42	-37	-31	-22	-28	-30	-32	-36	-37	-33	-29	-25	-23	-21	-19	-17		
2	-14	-13	-15	-14	-16	-15	-15	-20	-19	-19	-17	-19	-18	-17	-14	-11	-14	-16	-17	-15	-12	-12	-13	-15		
3	-17	-19	-17	-16	-19	-21	-22	-22	-20	-10	-6	-5	-10	-12	-13	-18	-23	-29	-33	-39	-40	-35	-28	-27		
4	-24	-22	-18	-16	-22	-23	-25	-25	-22	-22	-20	-18	-20	-22	-24	-30	-35	-36	-44	-50	-49	-44	-38	-33		
5	-25	-26	-25	-23	-23	-24	-23	-21	-20	-19	-18	-19	-14	-10	-0	-2	-4	-8	-6	3	7	8	2	0		
6	-2	-11	-12	-5	-11	-13	-13	-19	-16	-15	-18	-22	-21	-24	-25	-25	-25	-25	-26	-23	-14	-11	-11	-12		
7	-25	-19	-11	-7	-6	-18	-16	-9	-7	-7	-9	-9	-9	-9	-7	-6	-12	-22	-22	-14	-10	-9	-7	-5		
8	1	4	5	5	7	5	4	0	4	6	-3	-7	-9	-7	-1	6	4	6	11	17	26	31	19	14		
9	9	11	-6	-27	-29	-35	-38	-30	-25	-24	-29	-34	-37	-41	-43	-44	-41	-39	-41	-40	-34	-28	-25	-21		
10	-16	-17	-18	-17	-17	-14	-17	-14	-12	-10	-10	-13	-18	-21	-20	-19	-19	-19	-19	-17	-21	-15	-13	-14		
11	-11	-10	-6	-5	-4	1	-1	1	3	4	2	-4	1	2	2	-0	-3	-4	-3	-0	-5	-6	-10	-15		
12	-19	-18	-13	-10	-9	-4	-4	-4	-2	-7	-3	-2	-5	-4	-3	0	-0	0	1	5	8	8	6	4		
13	-0	-7	-13	-15	-25	-26	-25	-24	-26	-25	-21	-21	-26	-34	-31	-30	-28	-33	-27	-22	-17	-22	-19	-15		
14	-6	-7	-6	-6	-7	-6	-5	-3	-2	-1	-1	-6	-7	-5	-5	-4	-6	-9	-6	-0	4	3	2	1		
15	2	1	2	5	8	6	3	1	2	2	3	4	5	10	13	7	6	7	8	7	5	2	-3	1		
16	6	5	4	4	3	3	1	-1	-2	-2	-4	-5	-5	-2	1	3	2	2	-2	-4	-5	-5	-6	-7		
17	-6	-3	-0	2	-1	-5	-6	0	7	13	16	16	18	17	15	14	6	5	3	2	4	-0	-2	0		
18	3	-0	2	4	6	10	9	7	11	10	6	2	1	3	7	4	1	-3	-4	-7	-14	-16	-14	-10		
19	-12	-13	-12	-7	-4	-3	-1	1	1	0	4	6	2	0	4	6	3	-2	-14	-21	-16	-17	-12	-6		
20	-7	-11	-14	-17	-23	-25	-22	-14	-7	-9	-12	-8	-10	-11	-23	-25	-25	-32	-37	-30	-26	-17	-11	-9		
21	-9	-4	-5	-7	-4	-3	-8	-5	-1	-0	-12	-8	-2	-3	-4	-13	-21	-21	-23	-20	-19	-22	-25	-22		
22	-15	-11	-9	-4	4	5	5	4	9	12	17	18	15	13	9	5	-4	-4	-9	-8	-4	-2	2	5		
23	7	4	-1	-3	3	3	-4	-4	-7	-6	-3	-4	-1	-0	-2	-8	-13	-20	-26	-29	-30	-27	-18	-8		
24	-4	-1	1	1	1	2	5	5	-2	-3	-2	-1	3	-0	-6	-9	-10	-10	-14	-16	-13	-12	-13	-10		
25	-6	-2	6	3	8	7	5	1	-1	-2	-5	2	3	2	9	7	12	9	6	4	-4	-12	-22	-26		
26	-22	-24	-35	-28	-15	-15	-12	-10	-22	-34	-40	-32	-30	-32	-39	-46	-59	-53	-49	-46	-49	-50	-56	-47		
27	-34	-30	-28	-26	-28	-25	-20	-20	-19	-17	-17	-19	-22	-19	-19	-20	-20	-21	-19	-19	-17	-16	-14	-11		
28	-7	-10	-7	-5	-6	-8	-11	-12	-9	-10	-6	-9	-10	-10	-8	-13	-14	-15	-15	-16	-15	-10	-9	-6		
29	-4	-0	-10	-8	-5	-6	-5	-7	-7	-5	-5	-6	-10	-15	-12	-16	-15	-12	-9	-8	-6	-3	-2	-3		
30	-5	-5	-7	-7	-6	-4	-4	-1	15	18	-13	-27	-15	-19	-23	-24	-34	-49	-60	-53	-45	-48	-49	-44		
31	-43	-44	-44	-41	-26	-21	-20	-20	-18	-15	-10	-12	-13	-16	-20	-22	-19	-13	-6	-1	-3	-1	2	-1		

NOT REPRODUCIBLE

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	-4	-3	-1	-0	1	-1	-4	-6	-5	-1	3	5	8	5	3	3	1	-1	-2	-1	2	2	-2	-3
2	1	0	-2	-0	-1	-2	0	-1	-2	-0	1	2	3	4	4	12	14	14	17	15	18	18	16	21
3	21	23	29	25	18	5	3	1	-1	4	10	-6	-2	-1	1	-11	-21	-16	-38	-54	-41	-30	-28	-23
4	-19	-28	-26	-33	-42	-39	-34	-37	-36	-22	-28	-29	-32	-34	-37	-46	-51	-45	-35	-29	-28	-43	-42	-31
5	-32	-31	-29	-30	-31	-29	-30	-28	-22	-19	-19	-19	-22	-26	-30	-30	-36	-42	-40	-37	-31	-32	-38	-27
6	-31	-36	-35	-33	-45	-62	-57	-49	-49	-38	-39	-37	-35	-37	-38	-42	-43	-39	-40	-35	-14	-9	-21	-24
7	-22	-25	-31	-27	-24	-26	-26	-23	-20	-18	-18	-19	-21	-24	-27	-29	-32	-35	-36	-30	-21	-21	-15	-15
8	-11	-7	-10	-7	-9	-14	-16	-14	-12	-11	-11	-11	-13	-16	-19	-22	-20	-18	-17	-19	-16	-14	-10	-8
9	-5	-5	-7	-6	-6	-1	4	3	4	4	2	-1	-5	-4	-8	-7	-8	-7	-8	-7	-3	-3	0	3
10	2	1	1	2	3	4	4	4	5	7	8	6	6	6	5	5	4	6	6	4	7	4	1	-2
11	-2	1	4	5	7	8	10	10	10	12	11	8	7	9	10	10	11	12	11	8	6	4	5	6
12	5	8	7	5	8	8	6	5	8	9	13	12	10	6	5	-2	-4	3	8	6	4	4	7	10
13	7	5	7	8	8	10	12	9	12	13	11	10	7	4	5	8	10	12	13	9	1	-4	-5	-3
14	-6	-4	-1	-1	-3	4	6	8	5	7	11	11	8	6	-1	-3	-5	-4	-2	3	3	9	14	15
15	13	6	-2	-2	0	0	-3	-2	-4	-5	6	12	15	12	3	-11	-7	-10	-12	-10	-16	-14	-10	-6
16	-5	-8	-5	-3	-1	2	6	10	12	13	18	21	20	17	15	7	3	5	11	11	13	14	15	18
17	18	20	24	27	17	7	-3	3	2	1	3	-0	-4	-3	-5	-8	-1	8	14	10	2	5	-8	-5
18	-9	-7	-7	-21	-15	-19	-27	-35	-25	-17	-11	-6	-9	-6	-11	-16	-17	-8	-3	-3	-10	-17	-13	-11
19	-15	-29	-34	-31	-31	-31	-30	-31	-28	-30	-19	-28	-34	-37	-42	-39	-41	-42	-41	-35	-28	-22	-20	-24
20	-24	-23	-20	-17	-15	-6	-8	-4	-4	-8	-7	-3	-1	7	5	2	0	-9	-14	-16	-18	-17	-6	-5
21	-7	-6	-3	-8	-9	-8	-13	-24	-22	-16	-14	-16	-19	-20	-25	-29	-35	-34	-27	-18	-15	-14	-9	-5
22	-8	-10	-11	-7	-4	0	4	7	7	-6	-2	4	-16	-23	-25	-28	-29	-28	-30	-24	-14	-9	-5	-7
23	-10	-9	-9	-8	-8	-6	-3	-1	-2	-1	-2	-2	-6	-12	-11	-10	-8	-3	-2	-2	-5	-3	-1	4
24	5	-5	-15	-25	-22	-13	-11	-15	-16	-12	-5	-4	-3	3	4	1	-7	-8	-6	-7	-7	-4	-3	-6
25	-5	4	-14	-25	-20	-26	-23	-18	-11	-15	-1	13	4	-5	-3	-4	-11	-3	-23	-22	-27	-24	-32	-24
26	-21	-26	-40	-55	-68	-72	-82	-80	-85	-87	-74	-93	-96	-87	-94	-103	-113	-96	-89	-87	-89	-83	-68	-65
27	-60	-57	-55	-53	-48	-43	-43	-44	-46	-44	-39	-36	-31	-36	-39	-47	-51	-43	-35	-30	-24	-19	-11	-13
28	-22	-29	-24	-18	-15	-9	-19	-28	-35	-41	-38	-44	-50	-48	-49	-41	-35	-29	-33	-35	-30	-26	-19	-16
29	-18	-16	-14	-12	-12	-9	-4	-4	-7	-5	-6	-9	-5	4	4	2	-1	-1	1	-3	-2	-2	0	-0
30	-1	1	-1	-6	-14	5	7	7	1	-8	-0	-26	-45	-46	-57	-108	-120	-106	-141	-140	-160	-178	-195	-234

JULY 1957

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		
CAY																										
1	-221	-213	-219	-208	-167	-168	-163	-147	-141	-124	-115	-108	-104	-97	-92	-98	-101	-97	-61	-78	-77	-82	-78	-74		
2	-75	-74	-73	-71	-66	-60	-56	-57	-62	-44	-46	-50	-70	-86	-94	-92	-110	-113	-104	-100	-92	-81	-76	-71		
3	-71	-75	-68	-77	-77	-74	-59	-63	-60	-55	-58	-54	-40	-40	-58	-60	-65	-66	-68	-66	-63	-52	-46	-45		
4	-49	-48	-46	-45	-43	-42	-41	-41	-41	-42	-42	-37	-31	-22	-18	-22	-25	-26	-27	-29	-29	-36	-47	-42		
5	-25	0	-6	-14	-64	-93	-95	-76	-87	-86	-86	-69	-59	-58	-59	-64	-69	-70	-68	-71	-70	-69	-69	-82		
6	-58	-51	-55	-53	-49	-50	-47	-48	-45	-46	-43	-46	-46	-44	-42	-43	-51	-45	-41	-47	-51	-51	-44	-34		
7	-35	-34	-34	-34	-30	-35	-35	-34	-33	-32	-33	-32	-24	-21	-18	-19	-18	-20	-23	-20	-20	-15	-16	-18		
8	-19	-19	-15	-13	-17	-18	-22	-16	-16	-16	-13	-17	-18	-18	-17	-18	-18	-17	-16	-15	-17	-17	-14	-9		
9	-12	-14	-16	-15	-16	-17	-15	-16	-17	-18	-16	-11	-9	-8	-10	-13	-16	-11	-9	-9	-6	-11	-9	-7		
10	-6	-7	-11	-14	-14	-12	-12	-12	-8	-5	-6	-8	-9	-6	-2	-1	-0	-1	-6	-8	-8	-7	-4	-6		
11	1	1	1	2	3	3	3	1	2	2	5	8	9	9	2	-3	-5	-5	-2	0	3	2	4	5		
12	5	0	2	-3	-5	-6	-9	-12	-8	-3	-2	-3	0	7	7	8	7	2	-4	-9	-12	-12	-13	-17		
13	-19	-21	-14	-7	-3	-3	-2	-2	-1	-0	1	1	1	4	7	9	13	17	15	12	8	8	7	6		
14	6	6	4	7	8	4	4	6	8	6	5	11	13	12	12	9	11	8	16	23	20	11	3	2		
15	-1	-1	-0	-1	-2	-1	-1	-0	-1	-2	-1	-0	-2	-0	1	-1	-3	-4	-2	7	9	12	10	11		
16	5	4	7	5	6	5	4	17	16	9	6	7	1	-3	3	-3	-9	-12	-27	-34	-32	-26	-25	-22		
17	-20	-9	-3	-2	-2	-1	-2	-1	0	-2	-0	-4	-7	-8	-9	1	1	5	7	6	-2	-5	-4	-3		
18	-5	-5	4	7	7	6	5	6	-5	-8	-7	-9	-5	0	7	9	-6	-14	-21	-24	-27	-33	-31	-28		
19	-28	-26	-11	-7	-8	-1	6	-2	8	1	-2	1	3	8	10	-10	-18	-25	-34	-47	-56	-68	-61	-58		
20	-58	-53	-50	-44	-36	-30	-24	-25	-25	-27	-25	-26	-20	-16	-20	-23	-24	-28	-32	-26	-26	-24	-25	-25		
21	-21	-16	-12	-13	-9	-7	-8	-6	-9	-8	-8	-7	-3	-2	-1	2	5	7	9	9	7	6	1	0		
22	4	5	8	13	23	27	25	19	17	14	3	-14	-13	-5	-5	-11	-18	-21	-28	-34	-35	-41	-40	-28		
23	-23	-19	-22	-14	-11	-33	-32	-27	-26	-23	-22	-23	-22	-21	-18	-21	-24	-23	-22	-20	-19	-16	-11	-7		
24	-12	-10	-6	-4	-7	-9	-10	-11	-14	-15	-15	-17	-13	-10	-7	-9	-12	-17	-25	-27	-21	-18	-20	-22		
25	-18	-19	-15	-12	-12	-8	-9	-6	-7	-2	2	4	6	8	14	14	10	11	3	2	1	-4	-4	-1		
26	-1	2	4	3	5	3	3	5	5	4	2	2	2	3	2	7	8	9	9	7	9	7	9	12		
27	15	18	17	18	16	14	12	10	13	16	19	26	27	27	28	25	24	23	25	22	47	52	52	52		
28	49	36	38	38	32	30	30	26	23	18	20	21	18	18	18	18	21	22	21	19	21	25	22	21		
29	22	24	21	23	22	21	18	16	7	6	3	-6	-6	-8	-27	-13	-10	-7	-10	-10	-12	-19	-24	-15		
30	-8	-6	-0	4	4	5	5	7	5	6	13	24	17	14	11	7	4	5	3	1	2	3	4	6		
31	2	3	6	9	8	7	7	6	8	10	14	14	10	8	12	15	11	9	11	6	2	-4	-7	-7		

AUGUST 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	-4	-0	3	3	6	4	4	6	10	7	7	12	8	6	8	11	13	16	18	12	7	6	11	13		
2	13	9	10	4	1	-0	-1	-4	-5	-5	-4	3	6	5	6	4	1	2	2	-2	-8	-13	-10	-6		
3	-10	-13	-9	-1	4	8	10	4	0	0	0	9	9	11	11	12	35	-1	-40	-44	-29	-20	-13	-21		
4	-46	-38	-27	-17	-16	-21	-18	-19	-18	-14	-13	-12	-10	-8	-1	-1	-2	-2	-7	-11	-15	-15	-13	-12		
5	-14	-13	-10	-7	-7	-8	-8	-7	-7	-9	-8	-5	-0	0	-0	-1	-1	-13	-27	-36	-42	-45	-50	-49		
6	-47	-48	-47	-46	-30	-15	-27	-33	-30	-32	-34	-33	-26	-29	-38	-45	-45	-47	-42	-45	-46	-52	-52	-51		
7	-39	-28	-27	-25	-23	-28	-29	-26	-23	-23	-24	-22	-20	-19	-22	-24	-23	-21	-24	-30	-34	-30	-27	-21		
8	-16	-13	-10	-5	-7	-11	-15	-12	-12	-14	-17	-13	-5	-9	-9	-6	-11	-10	-11	-6	-8	-5	-5	-7		
9	-8	-14	-14	-11	-6	-7	-6	-3	-2	-6	-1	2	1	4	19	19	15	16	11	-2	-7	-13	-12	-6		
10	-6	-8	-5	-5	-12	-9	-3	-3	-2	-1	4	9	5	1	-4	-8	-5	-2	3	-1	-5	-6	-3	-5		
11	5	12	15	18	16	15	15	13	11	10	11	15	20	20	16	16	17	21	21	19	14	10	8	7		
12	4	3	-3	-2	-4	-8	-7	3	17	35	11	14	23	12	2	-4	-4	-18	-14	-10	-14	-16	-12	-8		
13	1	8	-1	-13	-27	-41	-46	-37	-51	-54	-54	-40	-30	-39	-45	-48	-46	-39	-32	-31	-30	-31	-29	-26		
14	-25	-18	-13	-8	-6	-10	-10	-12	-13	-16	-11	-1	-2	-3	-10	-13	-15	-12	-12	-9	-13	-18	-22	-24		
15	-19	-19	-15	-10	-7	-6	-1	-3	-10	-11	-7	-2	-2	-7	-10	-13	-14	-11	-10	-6	-10	-20	-15	-14		
16	-16	-13	-11	-8	-5	-2	-0	-1	8	-1	3	6	4	0	-2	-4	0	4	4	0	-4	-4	-3	-0		
17	-0	-0	4	7	8	7	6	4	3	4	9	12	10	16	21	18	18	18	18	15	15	16	17	15		
18	16	14	15	17	16	18	22	25	26	30	26	18	4	-2	-5	-6	-0	4	4	4	0	-1	-0	-4		
19	-9	-14	-10	-12	-12	-9	-8	-4	-1	-10	-1	6	5	-4	-9	-13	-12	-8	-3	-3	-4	-7	-8	-9		
20	-9	-12	-9	-3	-2	-0	0	-1	-1	-1	1	2	0	-3	-6	-6	-8	-15	-19	-23	-31	-38	-36	-34		
21	-32	-34	-35	-25	-31	-29	-26	-24	-23	-20	-22	-21	-22	-24	-23	-29	-32	-31	-26	-29	-31	-31	-28	-22		
22	-21	-17	-11	-6	-7	-5	-3	-0	-3	-1	3	1	-2	-0	6	9	14	15	12	12	11	11	11	11		
23	11	12	12	13	14	15	16	16	16	14	14	14	16	13	7	7	8	8	9	10	11	11	11	13		
24	13	15	17	18	20	20	21	21	19	18	17	17	12	10	8	4	3	4	4	16	22	25	24	23		
25	24	24	23	25	24	28	34	35	36	33	31	28	23	23	22	16	16	10	6	-1	-8	-11	-10	-7		
26	-0	4	8	12	16	18	19	20	20	18	19	21	19	20	19	19	16	11	9	6	7	2	5	10		
27	7	2	9	16	6	-1	3	11	0	2	1	11	11	8	3	-1	3	2	3	-3	-4	-9	-4	-5		
28	-3	-3	-2	-1	4	-1	-9	-1	6	7	7	4	4	4	1	-3	3	7	3	1	-2	-10	-7	-2		
29	-2	0	4	7	6	7	10	12	11	12	13	14	11	7	5	2	2	7	10	43	25	-37	-40	-5		
30	-30	-55	-75	-64	-63	-74	-67	-57	-52	-45	-40	-47	-45	-47	-53	-52	-36	-24	-16	-23	-30	-37	-38	-35		
31	-32	-32	-32	-30	-29	-23	-21	-24	-22	-22	-21	-22	-28	-41	-35	-34	-30	-28	-36	-40	-45	-31	-49	-60		

SEPTEMBER 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	-40	-29	-20	-17	-23	-26	-21	-21	-18	-18	-11	-4	-7	-8	-16	-16	-16	-15	-15	-18	-19	-24	-17	-11		
2	-8	-12	-7	-0	-8	-5	-25	-48	-59	-48	-36	-28	-36	-52	-46	-61	-57	-56	-64	-89	-100	-132	-173	-175		
3	-159	-145	-116	-106	-101	-98	-70	-102	-101	-133	-138	-136	-118	-134	-151	-168	-162	-153	-182	-164	-153	-141	-120	-115		
4	-102	-97	-106	-104	-88	-89	-86	-83	-85	-85	-83	-79	-76	-36	-53	-157	-212	-273	-278	-253	-234	-245	-223	-241		
5	-283	-287	-316	-323	-309	-301	-276	-241	-225	-213	-193	-185	-185	-182	-165	-158	-145	-151	-159	-160	-152	-138	-119	-118		
6	-109	-107	-113	-96	-99	-92	-89	-90	-86	-86	-85	-82	-81	-80	-80	-82	-98	-102	-108	-102	-90	-87	-78	-71		
7	-68	-64	-64	-61	-64	-59	-55	-54	-55	-59	-60	-52	-45	-44	-41	-44	-36	-31	-30	-33	-45	-49	-44	-40		
8	-38	-34	-34	-36	-34	-32	-29	-27	-28	-28	-29	-31	-31	-35	-33	-28	-32	-26	-26	-25	-24	-24	-30	-28		
9	-23	-22	-26	-27	-29	-30	-27	-33	-35	-38	-31	-27	-28	-30	-32	-30	-31	-31	-33	-34	-35	-34	-29	-23		
10	-19	-20	-20	-21	-22	-22	-20	-26	-31	-29	-25	-18	-20	-26	-28	-26	-19	-22	-20	-13	-8	-14	-9	-9		
11	-10	-10	-10	-12	-12	-11	-12	-13	-13	-13	-16	-15	-14	-15	-12	-13	-14	-18	-20	-19	-20	-19	-19	-15		
12	-10	-12	-9	-9	-8	-3	-4	-6	-6	-11	-11	-13	-4	2	1	1	2	-2	-3	-2	2	1	0	-4		
13	8	44	2	-59	-131	-130	-180	-300	-319	-349	-405	-352	-314	-281	-269	-260	-242	-206	-182	-166	-154	-143	-133	-125		
14	-116	-114	-107	-112	-104	-101	-99	-109	-79	-100	-113	-104	-112	-128	-128	-122	-119	-108	-97	-91	-88	-95	-90	-74		
15	-76	-72	-69	-71	-68	-65	-63	-59	-55	-51	-48	-52	-50	-48	-46	-43	-42	-43	-40	-36	-33	-31	-34	-39		
16	-46	-43	-38	-38	-43	-41	-35	-35	-31	-24	-21	-21	-26	-23	-20	-21	-19	-19	-15	-9	-8	-8	-9	-12		
17	-8	-6	-11	-14	-8	-5	-6	-4	-4	1	2	-10	-17	-18	-18	-20	-22	-16	-3	3	6	9	12	14		
18	4	6	7	-5	-10	-11	-4	-3	-1	1	5	5	5	5	9	10	10	10	3	3	10	12	11	9		
19	10	7	2	-1	0	2	4	3	2	-1	-4	-3	-1	-1	-1	-1	3	6	5	6	6	5	1	2		
20	1	2	4	6	6	7	8	5	7	9	6	4	3	3	4	9	11	10	15	12	12	16	16	16		
21	18	21	11	14	15	13	14	12	6	18	51	-3	-61	-61	-63	-68	-103	-128	-160	-182	-169	-142	-127	-115		
22	-124	-118	-116	-112	-120	-130	-124	-123	-106	-118	-105	-97	-88	-83	-115	-150	-170	-148	-145	-167	-178	-165	-172	-162		
23	-158	-153	-141	-171	-229	-238	-277	-302	-266	-274	-270	-234	-245	-195	-177	-180	-183	-179	-170	-170	-144	-136	-134	-129		
24	-123	-113	-98	-97	-104	-92	-87	-87	-84	-86	-74	-81	-94	-86	-88	-87	-82	-81	-76	-69	-62	-58	-56	-67		
25	-54	-51	-55	-61	-58	-62	-64	-58	-51	-58	-55	-55	-57	-58	-48	-44	-43	-42	-38	-38	-40	-38	-38	-39		
26	-30	-29	-26	-28	-30	-27	-28	-30	-29	-24	-17	-15	-19	-20	-23	-26	-30	-31	-32	-29	-28	-21	-16	-17		
27	-22	-24	-24	-24	-18	-24	-24	-20	-18	-15	-12	-12	-7	-5	-3	-6	-11	-15	-12	-11	-15	-11	-6	-10		
28	-16	-16	-13	-13	-20	-33	-36	-26	-27	-25	-1	-22	-20	-16	-12	-12	-12	-9	-6	-12	-14	-13	-15	-14		
29	-2	5	4	-8	-6	-19	-32	-30	-23	-14	-17	14	22	-7	-78	-156	-227	-204	-219	-233	-211	-251	-260	-238		
30	-215	-191	-179	-150	-154	-143	-136	-129	-114	-124	-119	-117	-103	-92	-93	-106	-99	-91	-83	-85	-80	-80	-73	-75		

OCT OBER 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	-68	-66	-70	-71	-75	-69	-61	-56	-60	-56	-49	-42	-35	-28	-25	-21	-14	-11	-24	-58	-74	-68	-57	-50
2	-48	-43	-45	-42	-38	-35	-40	-42	-42	-37	-31	-28	-23	-14	-13	-10	-12	-14	-11	-9	-11	-17	-27	-25
3	-30	-32	-33	-33	-26	-17	-14	-14	-16	-14	-17	-18	-17	-18	-12	-15	-25	-28	-24	-19	-22	-24	-29	-27
4	-26	-27	-30	-28	-29	-25	-26	-27	-24	-22	-21	-21	-21	-18	-16	-10	-9	-21	-28	-29	-25	-22	-18	-16
5	-12	-19	-16	-16	-20	-18	-17	-14	-13	-7	-9	-7	-6	-3	-0	7	0	-7	-11	-7	-9	-4	-2	-0
6	-2	-3	-4	-5	-7	-5	-4	-3	-4	-5	-7	-6	-8	-9	-8	-5	-3	-1	-3	3	3	11	13	13
7	14	14	14	13	14	14	14	15	15	9	12	20	22	20	19	15	15	13	17	20	22	17	13	10
8	6	6	9	6	9	9	10	12	16	17	16	17	16	16	16	17	19	20	17	12	10	10	13	15
9	16	12	13	9	10	7	8	8	6	12	15	15	20	20	20	19	17	10	-1	-9	-11	-2	-4	-16
10	-30	-36	-30	-28	-36	-45	-49	-55	-53	-39	-33	-26	-24	-28	-24	-16	-17	-14	-12	-16	-17	-19	-20	-18
11	-23	-30	-33	-28	-40	-52	-50	-49	-46	-37	-31	-45	-41	-42	-47	-48	-47	-44	-43	-43	-35	-31	-33	-33
12	-33	-32	-34	-35	-36	-34	-36	-38	-35	-22	-18	-14	-13	-17	-18	-22	-27	-34	-38	-36	-39	-38	-34	-34
13	-35	-49	-54	-61	-59	-49	-47	-40	-37	-31	-30	-30	-27	-23	-20	-16	-13	-17	-15	-16	-20	-35	-45	-49
14	-62	-68	-66	-70	-72	-65	-61	-61	-70	-61	-67	-49	-42	-30	-47	-56	-53	-57	-64	-68	-74	-77	-67	-55
15	-56	-65	-63	-57	-56	-49	-45	-43	-44	-44	-41	-42	-37	-39	-34	-35	-36	-40	-38	-38	-36	-34	-29	-29
16	-33	-34	-32	-29	-25	-20	-17	-17	-17	-17	-15	-13	-13	-10	-9	-8	-6	-0	6	10	10	7	7	4
17	2	-1	4	5	4	4	3	1	2	6	10	14	10	13	16	10	6	8	14	15	17	15	13	9
18	11	9	5	5	4	3	4	5	7	10	12	11	12	13	16	13	9	7	5	0	3	5	7	4
19	6	11	15	14	14	17	13	8	13	12	5	9	13	11	9	6	3	6	8	10	0	-7	-7	-4
20	-4	-6	-6	-6	-7	-4	-1	-0	1	2	5	4	9	8	14	17	16	19	8	4	-4	-17	-32	-41
21	-43	-32	-26	-22	-16	-13	-14	-13	-20	-23	-20	-16	-8	-4	-1	8	6	9	9	14	5	-37	-65	-58
22	-51	-52	-61	-53	-48	-43	-42	-44	-48	-56	-60	-55	-45	-39	-36	-31	-35	-32	-32	-29	-31	-41	-48	-41
23	-37	-46	-40	-39	-36	-32	-31	-28	-31	-30	-25	-25	-24	-23	-23	-21	-19	-16	-9	-8	-12	-17	-25	-23
24	-22	-23	-20	-22	-17	-17	-19	-22	-26	-26	-18	-14	-13	-11	-9	-10	-11	-11	-8	-15	-7	-5	-5	-10
25	-9	-7	-7	-6	-5	-5	-8	-6	-4	-3	-2	-1	-1	-4	-6	-3	-1	-1	4	13	14	11	9	6
26	-6	-11	-6	-6	-7	-5	-4	-5	-8	-2	1	6	12	11	6	5	6	4	9	11	11	2	0	1
27	3	0	1	3	8	7	8	11	13	20	22	21	16	11	16	8	4	7	14	13	12	-8	-2	2
28	-0	-5	-17	-7	-6	-12	-18	-26	-21	-15	-8	-5	-3	-1	-5	-5	-5	-4	-15	-2	4	-4	-6	-7
29	-8	-14	-26	-16	-11	-11	-11	-7	-12	-4	3	1	4	-5	-2	3	6	4	-1	-1	-2	-11	-25	-34
30	-26	-23	-26	-22	-22	-23	-33	-37	-37	-29	-22	-20	-16	-17	-20	-17	-18	-20	-18	-11	-3	-0	-2	-6
31	-2	-3	-3	-6	-5	-6	-7	-8	-9	-7	-5	-0	-7	-7	-7	-3	-3	-8	-13	-10	-12	-6	-1	2

NOT REPRODUCIBLE

NOVEMBER 1957

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			
CAY																											
1	5	5	3	-4	-4	-4	-13	-10	-7	-10	-12	-5	-5	-11	-13	-10	-4	-9	-13	-8	-11	-11	-10	-2			
2	-1	0	-2	-2	2	2	2	6	10	12	4	10	11	10	6	6	9	4	3	7	9	12	2	-18			
3	-21	-18	-21	-14	-11	-10	-11	-4	8	3	4	-6	-2	-8	-16	-15	-15	-26	-26	-18	-13	-13	-11	-10			
4	-7	-6	-8	-10	-8	-5	-6	-6	-8	-9	-7	-5	-5	-5	-4	-1	-6	3	-1	-5	-7	-13	-14	-10			
5	-6	-7	-1	1	0	2	4	6	9	12	11	8	8	8	12	12	15	14	11	14	9	10	9	7			
6	9	7	18	5	12	14	15	15	23	18	14	23	26	24	28	18	15	11	35	11	-45	-78	-101	-100			
7	-126	-126	-114	-59	-89	-91	-93	-80	-79	-80	-68	-66	-66	-69	-72	-68	-64	-62	-61	-56	-51	-51	-53	-49			
8	-42	-37	-36	-34	-36	-40	-41	-35	-40	-37	-33	-31	-36	-34	-33	-44	-40	-34	-34	-33	-33	-42	-56	-47			
9	-42	-45	-48	-52	-58	-62	-66	-58	-46	-44	-36	-31	-27	-38	-52	-48	-45	-47	-54	-61	-65	-70	-71	-71			
10	-67	-55	-49	-46	-55	-50	-44	-45	-45	-45	-40	-36	-34	-34	-31	-33	-30	-40	-35	-44	-43	-40	-45	-45			
11	-40	-34	-25	-30	-34	-33	-32	-31	-27	-29	-31	-24	-24	-32	-28	-29	-30	-37	-39	-47	-49	-45	-43	-51			
12	-47	-43	-41	-35	-34	-33	-32	-28	-30	-34	-35	-30	-32	-36	-43	-45	-44	-38	-32	-32	-28	-27	-32	-40			
13	-44	-37	-32	-31	-27	-26	-25	-24	-16	-21	-22	-14	-17	-15	-10	-7	-10	-19	-22	-15	-6	-3	-5	-3			
14	11	8	0	3	4	1	0	3	-1	2	5	8	5	-4	-8	-9	-24	-20	-25	-19	-10	-13	-27	-27			
15	-20	-22	-24	-21	-23	-22	-26	-24	-11	-11	-15	-9	-10	-12	-14	-13	-19	-16	-17	-14	-11	-11	-8	-7			
16	-5	-4	-4	-2	-1	-4	-8	-5	1	0	-4	-3	-4	-6	-13	-14	-13	-18	-24	-11	-4	-2	-1	1			
17	5	3	3	0	-1	-2	-4	-4	-6	-8	-4	-2	-0	-3	-6	-6	-6	-8	-7	-2	4	9	8	7			
18	-3	-14	-22	-25	-28	-35	-36	-40	-38	-30	-23	-26	-34	-52	-49	-60	-60	-53	-53	-39	-29	-26	-34	-35			
19	-32	-32	-35	-33	-29	-30	-33	-32	-32	-34	-35	-32	-30	-27	-25	-23	-23	-24	-18	-17	-15	-16	-12	-13			
20	-6	-7	-7	-8	-6	-6	-12	-11	-8	-4	-5	-3	-4	-8	-5	-9	-9	-10	-8	-5	-7	-8	-13	-10			
21	-7	-7	-8	-7	-7	-9	-12	-13	-14	-12	-9	-8	-8	-10	-7	-2	1	0	-0	-1	-3	-9	-5	-2			
22	1	4	6	4	6	8	10	12	13	10	2	-1	3	6	7	4	-2	-1	-0	1	5	9	8	9			
23	11	10	10	13	13	16	15	10	11	6	2	6	10	14	9	15	21	18	13	20	25	25	28	37			
24	32	29	25	26	25	28	28	24	20	20	12	11	14	15	15	17	23	20	14	15	16	16	20	15			
25	20	23	22	11	18	14	-1	-15	-41	-38	-27	-24	-19	-14	-12	-15	-32	-50	-57	-65	-52	-49	-45	-41			
26	-37	-39	-23	-31	-23	-12	-12	-27	-29	-28	-33	-26	-8	-3	2	-32	-23	-60	-62	-42	-46	-89	-105	-100			
27	-107	-117	-112	-110	-113	-118	-115	-115	-126	-120	-103	-98	-94	-85	-84	-76	-59	-66	-70	-76	-57	-72	-76	-75			
28	-69	-64	-67	-76	-62	-62	-74	-73	-67	-69	-79	-68	-65	-65	-61	-67	-58	-55	-56	-54	-60	-55	-61	-59			
29	-56	-54	-48	-43	-48	-47	-46	-44	-45	-47	-42	-40	-40	-38	-37	-39	-43	-39	-32	-26	-24	-22	-23	-19			
30	-16	-9	-15	-25	-19	-17	-18	-17	-11	-14	-16	-13	-7	-8	-4	-8	-8	-7	-11	-12	-10	-9	-9	-7			

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	-5	-8	-35	-36	-20	-11	-6	-12	-18	-14	-28	-27	-21	-18	-18	-22	-24	-25	-21	-18	-21	-24	-35	-31
2	-23	-25	-29	-32	-29	-20	-23	-29	-21	-14	-17	-19	-19	-25	-32	-31	-31	-31	-27	-24	-19	-17	-22	-20
3	-19	-20	-19	-20	-22	-20	-22	-21	-15	-12	-23	-24	-16	-15	-14	-14	-25	-25	-19	-17	-11	-14	-18	-20
4	-18	-17	-17	-16	-18	-20	-16	-10	-12	-11	-16	-15	-10	-6	-8	-10	-13	-12	-8	-9	-7	-10	-18	-23
5	-26	-26	-31	-29	-20	-20	-23	-25	-29	-24	-22	-18	-16	-15	-22	-28	-28	-31	-41	-46	-60	-52	-55	-54
6	-50	-46	-47	-53	-59	-53	-46	-41	-36	-35	-32	-28	-28	-23	-31	-39	-54	-54	-46	-42	-41	-39	-36	-35
7	-31	-29	-30	-29	-29	-31	-32	-38	-27	-24	-25	-19	-22	-26	-22	-19	-21	-19	-16	-23	-20	-15	-20	-23
8	-24	-24	-21	-21	-24	-22	-15	-16	-21	-21	-12	-4	-5	-11	-13	-12	-9	-11	-3	-6	-1	5	2	-5
9	-7	-13	-17	-20	-22	-16	-9	-3	-6	-9	-5	6	-3	-5	-21	-23	-34	-28	-25	-24	-22	-27	-27	-24
10	-22	-24	-25	-24	-15	-9	-6	-11	-13	-14	-12	-19	-23	-31	-42	-47	-47	-42	-43	-48	-47	-46	-48	-40
11	-33	-31	-38	-43	-40	-48	-65	-53	-47	-36	-32	-49	-28	-16	-24	-22	-17	-17	-32	-40	-28	-34	-54	-57
12	-54	-56	-57	-55	-51	-52	-43	-41	-43	-38	-35	-29	-35	-32	-32	-35	-33	-25	-20	-35	-33	-30	-29	-28
13	-25	-29	-32	-31	-31	-29	-23	-19	-23	-19	-28	-24	-21	-21	-20	-31	-24	-18	-13	-14	-19	-16	-14	-16
14	-16	-17	-22	-26	-23	-20	-19	-19	-15	-12	-14	-11	-9	-9	-11	-6	-6	-6	-3	-4	-5	-8	-14	-19
15	-16	-11	-11	-10	-13	-10	-7	-14	-17	-11	-7	2	-0	7	-8	-23	-24	-21	-21	-16	-15	-14	-15	-20
16	-18	-21	-19	-18	-22	-21	-17	-16	-19	-21	-18	-16	-10	-8	-4	-4	-3	-1	1	4	10	5	4	3
17	-2	-4	-9	-16	-26	-22	-28	-33	-28	-22	-18	-15	-11	-10	-9	-12	-13	-14	-19	-12	-9	-4	-7	-13
18	-15	-13	-12	-16	-19	-15	-14	-15	-11	-13	-10	-9	-6	-6	-8	-14	-12	-10	-7	-5	-3	5	5	-0
19	-5	-5	-2	-3	-9	-14	-16	-13	-16	-12	3	7	17	13	10	5	5	-0	1	-18	-27	-21	-27	-39
20	-46	-41	-36	-32	-35	-50	-40	-40	-41	-45	-41	-30	-20	-14	-11	-13	-13	-13	-19	-25	-23	-13	-16	-22
21	-24	-18	-19	-19	-29	-33	-40	-38	-37	-39	-37	-29	-23	-22	-21	-26	-28	-27	-18	-16	-16	-14	-15	-15
22	-19	-21	-22	-24	-24	-23	-26	-27	-26	-24	-21	-18	-18	-15	-11	-8	-7	-7	-9	-10	-8	-4	-1	1
23	1	-0	-2	-2	-3	-1	0	-3	-6	-7	-7	-5	-6	-7	-5	-6	-5	-2	1	3	4	2	2	2
24	4	6	5	4	6	12	13	12	9	4	0	11	-13	17	21	20	14	10	11	5	-1	0	2	6
25	12	16	17	10	7	15	0	-4	1	-1	-2	-0	5	6	16	19	10	9	3	-17	-17	-20	-26	-21
26	-15	-12	-9	-15	-15	-22	-22	-21	-21	-21	-25	-14	-7	-13	-11	-11	-16	-16	-24	-23	-23	-18	-18	-16
27	-18	-13	-10	-14	-14	-14	-11	-10	-7	-4	-6	-7	-8	-9	-13	-8	-8	-10	-13	-14	-20	-15	-10	-13
28	-13	-10	-7	-6	-8	-10	-7	-4	-4	-5	-5	-3	-2	-0	2	4	4	4	3	3	-3	-1	11	12
29	9	12	11	9	8	6	10	10	10	8	5	1	3	7	8	11	9	6	8	10	9	2	-4	-13
30	-12	-8	-16	-7	5	7	-15	-22	-20	-8	-20	-19	-25	-16	-19	-18	-19	-17	-11	-4	7	17	16	5
31	-1	-6	-22	-28	-27	-32	-50	-69	-78	-69	-80	-84	-92	-86	-94	-109	-114	-110	-116	-121	-129	-135	-134	-128

NOT REPRODUCIBLE

DAILY MEANS OF EQUATORIAL DST FOR 1957

DAY	JAN.	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	-2	-30	-2	-49	-29	-0	-126	8	-18	-50	-7	-21
2	-11	-23	-163	-42	-15	6	-76	0	-55	-27	4	-24
3	-41	-18	-98	-37	-21	-6	-61	-4	-132	-22	-11	-19
4	-21	-47	-53	-42	-28	-34	-36	-15	-140	-22	-6	-13
5	-5	-73	-45	-31	-12	-30	-63	-15	-208	-9	7	-31
6	11	-48	-41	-45	-17	-37	-47	-39	-91	-2	1	-41
7	12	-32	-31	-15	-11	-24	-26	-26	-50	15	-76	-25
8	-4	-27	-35	-24	6	-14	-16	-10	-30	13	-38	-12
9	-18	-19	-36	-33	-29	-3	-13	-1	-30	8	-52	-16
10	-36	-3	-92	-90	-16	4	-7	-3	-20	-29	-43	-29
11	-35	-6	-87	-43	-3	8	2	14	-14	-40	-35	-37
12	-10	-9	-47	-26	-3	6	-3	0	-5	-30	-35	-38
13	-2	-29	-33	-24	-22	7	2	-33	-194	-34	-19	-23
14	2	-32	-16	-6	-4	3	9	-12	-105	-63	-6	-13
15	0	-22	-3	-4	4	-2	1	-10	-51	-43	-16	-12
16	-5	-16	-34	-33	-1	9	-4	-2	-25	-11	-6	-10
17	-1	-11	-38	-5	5	5	-3	11	-6	8	-1	-15
18	4	-26	-26	-31	1	-13	-7	10	4	8	-35	-9
19	5	-32	-22	-91	-5	-31	-18	-7	2	8	-26	-7
20	8	-35	-22	-44	-18	-9	-30	-11	8	-1	-8	-28
21	-49	-37	-24	-36	-11	-17	-4	-27	-50	-16	-7	-25
22	-146	-37	-41	-14	2	-11	-6	2	-131	-44	5	-16
23	-86	-31	-25	-6	-8	-5	-21	12	-198	-26	15	-2
24	-57	-99	-17	-11	-5	-8	-14	15	-85	-15	20	9
25	-70	-46	-42	-21	0	-13	-2	18	-50	-1	-20	2
26	-41	-26	-32	-33	-35	-77	5	13	-25	1	-37	-17
27	-30	-20	-35	-40	-21	-39	25	3	-15	9	-94	-11
28	-24	-9	-92	-34	-10	-31	25	0	-17	-8	-64	-2
29	-40		-59	-34	-8	-5	1	5	-91	-8	-39	6
30	-68		-72	-20	-21	-65	6	-46	-118	-20	-12	-9
31	-45		-48		-18		7	-32		-6		-80
MEAN	-26	-30	-46	-32	-11	-14	-16	-6	-65	-15	-21	-18

ANNUAL MEAN -25

JANUARY 1958

UNIT=GAMMAS																										G.M.T.	
DAY	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	-140	-127	-114	-132	-137	-137	-118	-122	-116	-107	-100	-87	-75	-84	-91	-93	-81	-77	-90	-102	-104	-95	-85	-86			
2	-84	-88	-81	-87	-83	-82	-79	-77	-75	-60	-59	-55	-50	-48	-57	-57	-51	-47	-45	-46	-47	-44	-47	-47			
3	-42	-39	-38	-40	-42	-40	-38	-36	-34	-32	-29	-23	-19	-18	-20	-24	-25	-21	-21	-23	-28	-32	-32	-31			
4	-29	-23	-17	-16	-19	-18	-20	-20	-18	-19	-20	-17	-13	-9	-8	-11	-10	-7	-12	-10	-7	-0	-0	0			
5	-7	-21	-13	-11	-11	-7	-1	4	5	2	4	7	6	3	4	4	3	-2	5	9	4	2	-1	-3			
6	-6	-4	-3	-4	-5	-4	-2	1	-1	1	-2	-2	1	-0	-1	-4	-1	2	6	10	8	8	9	7			
7	3	6	9	4	1	-2	0	0	-0	1	-3	-9	-9	-5	-4	-3	-5	1	8	6	2	1	-3	-4			
8	1	4	6	3	3	5	-1	-2	-2	-3	-7	-3	-2	-2	0	-0	1	-0	2	6	11	11	11	11			
9	10	10	10	8	6	4	2	-1	-1	7	14	14	13	10	4	1	-4	-7	-5	-3	1	-3	-9	-14			
10	-25	-25	-27	-21	-19	-23	-27	-20	-15	-17	-22	-21	-14	-16	-20	-13	-12	-18	-12	-16	-18	-14	-6	-4			
11	1	12	5	1	2	-3	-7	-6	-5	-13	-16	-2	11	12	5	11	11	5	-2	-16	-23	-13	-9	-6			
12	-4	2	-6	-10	-13	-21	-19	-16	-15	-11	-14	-17	-13	-12	-12	-11	-16	-10	2	-0	-0	3	-3	-7			
13	-1	1	6	5	2	-3	-4	-6	-5	-6	-12	-11	-2	-4	-14	-15	-13	-3	8	11	-6	-21	-32	-27			
14	-15	-10	-6	-5	-9	-9	-9	-14	-18	-16	-21	-14	-11	-11	-10	-19	-18	-14	-8	-6	-7	-27	-27	-19			
15	-13	-7	-5	-4	-8	-17	-28	-32	-23	-24	-30	-31	-24	-43	-52	-46	-39	-38	-34	-34	-32	-21	-31	-30			
16	-23	-15	-11	-11	-14	-14	-24	-16	-6	-9	-18	-9	-8	-11	-9	-9	-0	-4	-8	-14	-21	-26	-26	-21			
17	-15	-11	-8	-12	-21	-16	-14	-17	-18	-13	-16	-23	-12	-16	-24	-36	-28	-29	-34	-36	-33	-39	-46	-46			
18	-47	-46	-45	-43	-44	-47	-44	-37	-37	-49	-57	-43	-48	-71	-65	-61	-56	-58	-59	-60	-58	-53	-49	-44			
19	-39	-36	-34	-35	-38	-45	-48	-42	-34	-31	-31	-35	-35	-36	-37	-41	-41	-45	-44	-41	-40	-38	-35	-27			
20	-21	-15	-12	-19	-22	-22	-18	-24	-16	-24	-23	-24	-19	-14	-19	-19	-4	-5	-8	-5	-10	-6	-0	-30			
21	-37	-40	-53	-66	-65	-68	-75	-71	-68	-69	-63	-58	-52	-47	-43	-41	-39	-39	-45	-46	-47	-42	-35	-31			
22	-25	-24	-21	-27	-25	-29	-35	-33	-35	-34	-33	-31	-22	-23	-35	-29	-29	-28	-31	-39	-38	-34	-30	-26			
23	-19	-18	-15	-23	-26	-30	-39	-47	-45	-45	-45	-43	-38	-33	-27	-28	-27	-34	-39	-47	-53	-49	-36	-32			
24	-25	-21	-17	-16	-18	-19	-15	-11	-8	-5	-3	-10	-17	-24	-21	-23	-20	-11	-6	-9	-13	-12	-10	-11			
25	-7	-9	-11	-14	-18	-22	-17	-12	-11	-6	-6	6	-3	-14	-33	-40	-38	-46	-44	-40	-39	-32	-24	-13			
26	-4	-0	-4	-23	-34	-50	-52	-47	-44	-38	-37	-39	-40	-39	-43	-40	-39	-38	-37	-35	-32	-34	-38	-31			
27	-28	-22	-21	-26	-26	-22	-19	-19	-19	-19	-16	-18	-24	-28	-30	-27	-23	-18	-18	-11	-9	-9	-6	-3			
28	-2	-1	-2	-2	-3	-2	-3	-2	-3	-3	-1	0	-1	3	-7	-4	8	3	-8	-13	-15	-5	1	5			
29	11	8	-0	-3	-15	-21	-23	-23	-20	-4	-6	-7	-8	-10	-10	-13	-17	-18	-18	-15	-3	0	5	12			
30	15	15	12	12	21	24	32	29	23	27	22	19	12	6	6	3	7	4	-2	-8	-9	-7	-5	1			
31	4	-1	-2	-1	-1	2	4	4	5	5	6	7	6	-1	-5	-2	2	-2	-2	-6	-14	-5	5	8			

FEBRUARY 1958

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		8	6	7	6	5	2	4	6	9	10	16	16	7	8	10								
2	10	8	7	5	4	6	3	-2	1	2	1	7	12	13	12	10	11	10	7	2	4	3	2	6
3	7	9	10	9	6	8	6	8	12	17	20	23	25	24	25	25	23	19	16	16	18	18	16	12
4	15	21	22	20	19	24	21	18	15	11	9	8	13	26	12	3	12	7	18	-7	-21	-27	-28	-22
5	-20	-28	-31	-28	-21	-17	-27	-35	-26	-16	-20	-25	-25	-20	-6	-9	-16	-19	-17	-13	-24	-39	-36	-21
6	-22	-30	-28	-27	-31	-35	-39	-43	-42	-42	-45	-46	-44	-35	-33	-25	-34	-33	-30	-30	-24	-22	-23	-31
7	-31	-32	-29	-32	-33	-34	-28	-31	-37	-35	-39	-45	-46	-30	-20	-21	-30	-25	-28	-26	-22	-20	-19	-16
8	-20	-22	-24	-23	-20	-24	-27	-27	-29	-45	-42	-35	-37	-38	-36	-40	-37	-29	-21	-17	-28	-35	-27	-30
9	-34	-30	-27	-30	-27	-20	-15	-15	-17	-19	-23	-23	-26	-25	-25	-29	-36	-41	-42	-33	-42	-45	-46	-41
10	-25	-21	-17	-17	-23	-20	-13	-11	-14	-17	-24	-25	-27	-25	-24	-30	-44	-42	-54	-62	-66	-74	-74	-58
11	-51	-6	-30	-41	-46	-123	-219	-236	-329	-390	-422	-411	-372	-356	-334	-317	-301	-264	-220	-219	-211	-196	-192	-194
12	-166	-163	-135	-130	-123	-110	-111	-102	-117	-111	-109	-116	-113	-119	-119	-120	-112	-120	-132	-118	-94	-75	-81	-81
13	-64	-61	-59	-58	-56	-59	-60	-61	-61	-51	-52	-51	-55	-64	-59	-65	-71	-74	-68	-61	-56	-59	-63	-66
14	-60	-58	-62	-59	-54	-52	-59	-61	-57	-55	-54	-52	-42	-43	-43	-42	-51	-62	-58	-48	-46	-45	-40	-38
15	-36	-37	-34	-31	-31	-27	-26	-24	-25	-26	-27	-25	-22	-19	-12	-14	-11	-0	4	7	9	4	5	8
16	8	7	4	4	7	6	5	3	1	6	13	17	6	2	-6	-5	4	19	-14	15	8	1	14	24
17	34	25	24	2	18	-19	-13	-14	-21	-20	-30	-32	-25	-31	-39	-31	-36	-42	-44	-43	-38	-42	-33	-29
18	-28	-28	-36	-41	-37	-34	-30	-36	-39	-36	-35	-36	-37	-37	-33	-39	-41	-45	-51	-48	-48	-48	-48	-51
19	-40	-34	-36	-37	-38	-35	-42	-47	-42	-39	-41	-44	-43	-41	-36	-31	-36	-34	-34	-38	-32	-23	-25	-25
20	-36	-36	-30	-32	-31	-33	-33	-33	-34	-36	-33	-32	-30	-28	-36	-34	-30	-34	-45	-65	-76	-75	-65	-54
21	-48	-49	-48	-33	-34	-51	-54	-62	-47	-44	-45	-43	-36	-37	-44	-38	-39	-45	-61	-59	-54	-54	-46	-44
22	-39	-38	-32	-32	-31	-28	-34	-37	-37	-37	-43	-33	-35	-29	-25	-29	-34	-30	-21	-29	-30	-21	-31	-45
23	-50	-39	-34	-36	-38	-31	-30	-36	-43	-46	-38	-35	-38	-35	-30	-31	-29	-32	-27	-27	-23	-23	-25	-25
24	-23	-24	-24	-23	-17	-16	-15	-17	-18	-15	-18	-22	-20	-22	-22	-25	-27	-26	-23	-19	-17	-15	-12	-12
25	-12	-13	-10	-8	-7	-7	-6	-4	-6	-5	-5	2	4	-2	-5	-7	-6	-2	3	6	2	3	4	4
26	2	1	2	2	0	3	6	8	11	12	9	4	3	2	5	7	5	4	2	1	0	-4	-2	1
27	-2	0	-1	2	5	10	14	18	18	19	15	10	9	5	5	3	0	-3	-1	-15	-26	-23	-19	-14
28	-13	-9	-5	-5	-0	5	6	-2	-5	3	5	-6	-9	-5	-12	-16	-16	-12	-9	-9	-4	-2	3	-1

MARCH 1958

UNIT=GAMMAS

G.M.T.

DAY	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	-15	-11	-9	-6	-5	0	3	6	7	4	-2	-6	-10	-12	-12	-10	-9	-13	-13	-13	-15	-15	-14
2	-17	-17	-11	-8	-5	-7	-9	-12	-11	-9	-15	-25	-20	-15	-12	-12	-11	-11	-9	-8	-9	-7	-0	-2
3	-6	-5	-6	-2	-5	-7	-4	-6	-8	-5	-8	-10	-14	-5	-0	1	1	4	-15	-23	-42	-42	-52	-55
4	-65	-59	-46	-44	-49	-56	-56	-48	-53	-58	-61	-59	-49	-43	-40	-37	-39	-42	-41	-42	-38	-33	-29	-36
5	-42	-40	-34	-36	-29	-20	-26	-60	-71	-59	-56	-48	-52	-44	-36	-33	-33	-35	-32	-30	-40	-42	-42	-47
6	-47	-48	-43	-54	-59	-54	-51	-49	-46	-44	-39	-41	-44	-41	-41	-47	-45	-40	-38	-38	-49	-53	-49	-40
7	-40	-32	-32	-39	-37	-36	-33	-32	-30	-33	-32	-32	-38	-42	-36	-37	-37	-37	-32	-36	-52	-56	-46	-35
8	-36	-46	-50	-42	-44	-43	-37	-40	-40	-39	-43	-45	-42	-36	-35	-35	-32	-29	-22	-18	-24	-31	-30	-34
9	-40	-46	-48	-39	-33	-32	-41	-43	-38	-41	-43	-44	-40	-32	-31	-38	-37	-32	-27	-23	-23	-16	-12	-14
10	-19	-26	-33	-32	-31	-29	-24	-22	-18	-19	-24	-30	-32	-28	-27	-35	-32	-35	-38	-32	-34	-37	-32	-30
11	-41	-37	-28	-22	-23	-19	-13	-9	-8	-8	-8	-11	-19	-22	-31	-33	-48	-56	-62	-58	-58	-61	-61	-53
12	-68	-90	-105	-99	-117	-122	-130	-100	-101	-97	-83	-78	-81	-87	-74	-64	-61	-71	-67	-67	-75	-76	-74	-72
13	-72	-72	-76	-82	-87	-78	-87	-91	-88	-88	-77	-85	-97	-90	-94	-106	-112	-112	-106	-101	-98	-88	-81	-81
14	-79	-73	-70	-64	-63	-60	-58	-53	-50	-49	-49	-47	-26	-17	-2	-22	-26	-8	-5	-12	-13	-13	-19	-15
15	-16	-19	-14	-13	-31	-38	-30	-29	-23	-31	-30	-38	-41	-38	-40	-51	-55	-56	-53	-43	-46	-49	-46	-43
16	-37	-48	-53	-49	-43	-40	-43	-43	-44	-38	-29	-27	-26	-26	-28	-28	-23	-16	-21	-25	-27	-29	-36	-37
17	-35	-31	-26	-25	-25	-28	-26	-24	-21	-21	-21	-22	-27	-29	-31	-38	-40	-39	-52	-54	-47	-36	-27	-27
18	-26	-28	-27	-31	-37	-39	-50	-49	-41	-41	-49	-49	-39	-36	-34	-36	-33	-23	-40	-58	-84	-89	-74	-58
19	-57	-57	-60	-58	-58	-58	-56	-44	-41	-41	-42	-41	-41	-41	-47	-45	-53	-55	-55	-53	-62	-78	-76	-69
20	-57	-59	-62	-50	-51	-50	-57	-50	-43	-30	-27	-23	-19	-24	-34	-42	-41	-33	-34	-40	-52	-59	-72	-62
21	-44	-47	-49	-48	-49	-44	-45	-45	-48	-47	-36	-32	-22	-21	-29	-30	-36	-42	-48	-45	-49	-51	-52	-67
22	-55	-71	-93	-78	-70	-67	-67	-66	-62	-56	-58	-58	-57	-52	-50	-48	-46	-46	-45	-49	-46	-39	-46	-44
23	-46	-48	-48	-46	-49	-52	-53	-49	-45	-48	-41	-35	-36	-35	-38	-43	-41	-40	-39	-40	-40	-40	-39	-39
24	-47	-44	-32	-33	-40	-39	-39	-42	-39	-44	-48	-35	-27	-17	-18	-30	-37	-33	-44	-55	-63	-56	-61	-58
25	-56	-54	-46	-47	-47	-50	-55	-57	-44	-38	-34	-35	-31	-42	-50	-40	-11	-0	3	2	-5	-7	-5	-10
26	-13	-25	-22	-17	-18	-18	-11	-8	-11	-11	-11	-18	-22	-14	-20	-30	-41	-47	-37	-45	-46	-33	-30	-28
27	-23	-20	-19	-24	-28	-22	-19	-21	-26	-35	-31	-20	-20	-26	-26	-27	-26	-20	-17	-28	-26	-21	-18	-20
28	-19	-18	-25	-25	-23	-21	-20	-21	-26	-26	-22	-17	-14	-14	-15	-16	-10	-26	-18	-18	-16	-9	-15	-15
29	-9	-10	-15	-19	-27	-26	-19	-17	-14	-13	-8	-5	-5	-5	-2	-1	0	-5	-6	-2	-3	-0	1	10
30	9	4	1	2	0	1	-1	-2	-6	-15	-20	-3	-15	-35	-54	-58	-55	-58	-60	-66	-75	-64	-58	-50
31	-50	-55	-52	-51	-49	-42	-37	-34	-27	-27	-32	-27	-25	-23	-26	-29	-33	-32	-35	-40	-39	-32	-30	-29

APRIL 1958

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	-32	-40	-42	-44	-49	-51	-46	-48	-44	-39	-35	-33	-39	-39	-34	-32	-31	-28	-27	-35	-40	-41	-37	-37
2	-29	-29	-26	-29	-39	-32	-34	-40	-42	-48	-49	-59	-51	-48	-38	-39	-36	-30	-22	-33	-43	-49	-54	-20
3	-42	-33	-33	-37	-47	-46	-37	-39	-40	-39	-42	-42	-34	-28	-22	-16	-11	-6	-6	-8	-17	-25	-25	-27
4	-26	-21	-17	-23	-26	-28	-20	-26	-27	-20	-19	-25	-24	-35	-32	-31	-40	-47	-56	-71	-79	-76	-66	-70
5	-79	-87	-82	-81	-82	-81	-67	-61	-57	-57	-56	-50	-49	-46	-49	-55	-54	-46	-45	-44	-42	-36	-32	-40
6	-44	-39	-40	-39	-43	-42	-34	-35	-42	-41	-45	-42	-41	-39	-39	-48	-55	-53	-55	-59	-52	-44	-35	-32
7	-36	-36	-38	-51	-54	-60	-54	-51	-63	-60	-57	-50	-50	-51	-50	-49	-52	-48	-41	-39	-38	-31	-28	-31
8	-31	-31	-32	-32	-33	-30	-28	-30	-32	-31	-31	-33	-32	-30	-27	-25	-23	-22	-16	-13	-22	-26	-23	-21
9	-19	-22	-25	-32	-28	-31	-25	-25	-26	-20	-14	-11	-10	-11	-7	-5	-5	-3	-3	-11	-23	-32	-38	-30
10	-26	-21	-19	-19	-18	-16	-10	-8	-8	-5	-3	-4	-6	-4	0	3	3	3	5	9	12	12	8	10
11	14	11	10	13	14	15	16	15	17	5	3	1	-1	-4	-5	-1	3	5	10	10	11	14	8	12
12	11	10	9	9	8	8	11	11	15	20	23	22	19	19	20	18	16	17	15	9	6	13	6	6
13	7	9	8	10	12	13	12	6	8	13	17	19	17	17	17	17	12	9	10	11	8	11	13	12
14	11	9	11	12	5	-0	7	9	13	21	9	10	14	9	-4	5	9	9	-7	-23	-27	-27	-23	-21
15	-30	-28	-25	-29	-24	-18	-22	-22	-27	-28	-25	-23	-27	-27	-27	-25	-29	-25	-29	-41	-41	-36	-33	-30
16	-35	-36	-35	-36	-36	-39	-43	-40	-42	-33	-28	-36	-42	-40	-34	-33	-37	-44	-51	-41	-34	-45	-54	-38
17	-45	-72	-76	-73	-62	-63	-60	-62	-55	-44	-46	-40	-39	-39	-40	-49	-44	-46	-60	-57	-62	-59	-50	-55
18	-57	-53	-56	-70	-72	-59	-59	-69	-67	-63	-60	-65	-64	-63	-63	-61	-52	-56	-52	-50	-57	-75	-76	-51
19	-45	-42	-36	-37	-39	-37	-34	-33	-30	-34	-35	-36	-32	-33	-35	-38	-39	-34	-32	-29	-43	-53	-43	-39
20	-35	-33	-33	-26	-32	-37	-36	-35	-38	-37	-34	-30	-32	-34	-34	-35	-34	-32	-30	-23	-24	-18	-17	-16
21	-11	-11	-11	-16	-16	-20	-24	-26	-24	-21	-15	-12	-15	-10	-7	-11	-16	-9	-15	-17	-16	-16	-13	-21
22	-24	-20	-18	-16	-18	-21	-27	-26	-26	-28	-31	-29	-24	-21	-22	-22	-21	-18	-15	-13	-9	-8	-3	-1
23	-3	-4	-4	-3	-4	-2	1	-2	-5	-2	-1	-7	-12	-11	-12	-15	-23	-33	-33	-32	-33	-35	-33	-30
24	-28	-28	-27	-37	-38	-37	-39	-31	-30	-29	-25	-24	-24	-25	-25	-31	-31	-31	-28	-30	-29	-27	-24	-15
25	-10	-11	-16	-23	-25	-23	-22	-22	-18	-11	-8	-9	-7	-7	-7	-3	-2	-2	-2	-1	3	7	11	13
26	13	10	9	7	8	7	5	3	4	7	8	8	11	19	26	28	15	22	13	12	4	1	-2	0
27	-2	-6	-5	-2	-2	-2	-3	-5	-2	2	5	5	10	4	5	8	6	3	-14	-22	-26	-16	-17	-20
28	-23	-31	-28	-36	-34	-38	-36	-37	-34	-32	-32	-37	-38	-43	-49	-45	-48	-44	-47	-63	-74	-68	-55	-58
29	-58	-40	-43	-53	-49	-55	-49	-45	-49	-41	-39	-42	-44	-34	-31	-38	-42	-56	-44	-41	-49	-47	-39	-40
30	-32	-28	-29	-22	-31	-35	-30	-27	-29	-22	-17	-25	-27	-29	-28	-31	-38	-35	-34	-42	-36	-28	-26	-31

NOT REPRODUCIBLE

MAY 1958

UNIT=GAMMAS

DAY	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	-35	-29	-33	-32	-31	-34	-34	-34	-34	-28	-18	-22	-28	-30	-33	-31	-33	-34	-24	-24	-26	-25	-18	-15
2	-17	-16	-19	-26	-31	-25	-30	-37	-39	-28	-24	-26	-27	-26	-28	-29	-33	-31	-25	-26	-25	-27	-19	-12
3	-11	-9	-10	-10	-12	-11	-12	-15	-14	-10	-7	-6	-0	3	3	2	-2	-2	-7	-11	-18	-24	-22	-18
4	-14	-13	-8	-7	-10	-13	-11	-14	-17	-19	-16	-15	-17	-15	-11	-11	-8	-5	-5	-6	-10	-17	-24	-24
5	-23	-17	-21	-24	-18	-15	-14	-13	-9	-5	1	3	4	4	-0	-3	-0	6	4	-5	-6	-6	-5	-10
6	-11	-17	-23	-20	-15	-18	-18	-13	-12	-10	-7	-6	-7	-11	-13	-17	-13	-9	-9	-10	-9	-8	-4	-1
7	6	4	2	2	-2	-1	-2	-5	-5	-2	4	9	2	-1	-2	1	4	8	12	13	16	10	9	9
8	16	23	24	21	17	14	12	13	10	9	16	18	18	27	20	13	9	11	11	9	8	5	-9	-13
9	-5	1	4	8	11	19	22	17	4	2	0	8	16	12	17	21	20	16	11	8	5	5	2	-1
10	-8	-11	-9	-3	-1	2	-3	-14	-21	-13	-17	-16	-17	-11	-7	-14	-15	-12	-21	-23	-31	-26	-26	-28
11	-19	-13	-8	-5	-2	1	-0	-13	-22	-27	-21	-9	-2	-3	-5	-2	0	-1	-8	-12	-14	-11	-5	-3
12	-0	3	3	2	3	5	7	5	5	8	8	9	17	22	26	22	19	23	16	-4	-22	-24	-25	-19
13	-25	-24	-13	-11	-8	-7	-1	3	3	8	-4	-18	-22	-16	-10	-20	-23	-25	-32	-49	-54	-68	-71	-55
14	-46	-64	-65	-57	-61	-64	-65	-50	-51	-44	-40	-36	-30	-29	-37	-32	-34	-40	-48	-50	-50	-49	-48	-37
15	-30	-37	-35	-30	-34	-42	-44	-42	-40	-37	-32	-31	-28	-28	-31	-30	-26	-25	-30	-37	-34	-29	-32	-35
16	-36	-31	-34	-34	-33	-31	-35	-31	-23	-24	-21	-20	-20	-18	-22	-28	-28	-28	-19	-18	-20	-25	-21	-19
17	-22	-17	-10	-13	-18	-21	-20	-18	-19	-17	-18	-16	-17	-16	-17	-19	-17	-17	-15	-20	-20	-17	-14	-11
18	-24	-16	-19	-25	-18	-14	-12	-16	-17	-16	-23	-17	-9	-7	-12	-17	-14	-17	-18	-21	-24	-29	-32	-28
19	-28	-26	-22	-20	-13	-8	-14	-16	-13	-14	-15	-17	-14	-13	-14	-13	-12	-11	-13	-12	-14	-15	-23	-23
20	-18	-14	-12	-11	-11	-9	-7	-6	-2	-5	-8	-8	-5	-2	-4	-6	-5	-5	-6	-6	-3	-1	2	3
21	-4	-7	-8	-4	-11	-10	-8	-8	-5	-2	-2	-2	2	4	3	1	2	5	7	8	5	2	1	1
22	-1	1	4	5	9	9	9	8	8	8	6	5	5	6	8	11	10	12	15	14	9	8	9	10
23	7	3	4	5	8	11	14	16	18	17	15	17	19	19	19	20	21	19	17	14	17	15	16	16
24	15	15	17	17	17	17	16	17	18	16	14	15	-17	22	20	18	15	12	12	13	15	18	20	18
25	17	20	18	19	23	25	27	22	21	18	20	22	27	34	38	42	43	46	47	42	37	30	17	9
26	3	-14	-24	-20	-14	-4	4	3	1	-8	3	-6	-14	-15	-22	-39	-44	-51	-43	-44	-47	-50	-46	-44
27	-44	-44	-40	-37	-34	-33	-29	-28	-27	-22	-17	-28	-29	-22	-22	-21	-20	-22	-27	-35	-38	-38	-43	-44
28	-56	-44	-35	-35	-38	-34	-32	-35	-33	-29	-27	-26	-28	-29	-27	-30	-36	-31	-28	-26	-26	-24	-21	-15
29	-14	-23	-29	-25	-18	-15	-24	-40	-45	-44	-66	-73	-73	-81	-101	-105	-111	-105	-107	-97	-85	-74	-66	-60
30	-59	-60	-58	-59	-56	-48	-47	-45	-41	-35	-30	-33	-33	-35	-37	-42	-42	-41	-49	-51	-46	-40	-36	-39
31	-43	-43	-47	-35	-35	-39	-42	-45	-44	-40	-37	-39	-34	-37	-38	-35	-32	-27	-85	-128	-147	-136	-140	-176

JUNE 1958

DAY	UNIT=CAMMAS																						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	173	-151	-126	-122	-111	-94	-109	-101	-91	-80	-88	-85	-80	-79	-75	-71	-59	-56	-68	-65	-62	-70	-78	-65
2	-57	-56	-67	-63	-53	-60	-67	-49	-47	-43	-37	-38	-49	-59	-61	-61	-60	-53	-57	-55	-59	-52	-49	-48
3	-47	-45	-41	-32	-33	-32	-32	-29	-28	-26	-25	-26	-28	-27	-30	-33	-32	-33	-25	-21	-20	-22	-24	-21
4	-19	-17	-12	-8	-12	-12	-10	-7	-1	0	3	0	-1	-3	-6	-9	-9	-7	-7	-5	-3	0	0	-1
5	-6	-2	0	1	1	-1	2	1	-4	-2	4	6	2	2	3	9	6	10	14	17	16	14	8	7
6	8	11	11	12	12	13	9	6	-10	-5	2	4	7	10	9	10	15	20	17	13	7	-0	-14	-33
7	-35	-17	-84	-122	-94	-83	-94	-84	-110	-123	-99	-103	-105	-113	-111	-104	-99	-95	-90	-81	-71	-66	-62	-59
8	-59	-56	-50	-45	-41	-35	-32	-31	-31	-30	-29	-30	-34	-35	-36	-33	-29	-22	-30	-29	-25	-15	-9	-25
9	-24	-23	-19	-19	-17	-17	-14	-14	-15	-14	-17	-22	-21	-13	-12	-18	-19	-16	-4	-4	-10	-18	-35	-67
10	-91	-86	-81	-80	-73	-72	-70	-59	-52	-48	-47	-46	-50	-53	-60	-53	-51	-50	-57	-56	-46	-44	-34	-34
11	-36	-44	-50	-43	-35	-30	-24	-27	-32	-26	-18	-15	-15	-17	-19	-27	-34	-34	-26	-24	-17	-23	-31	-31
12	-30	-28	-24	-20	-13	-16	-21	-18	-25	-25	-22	-20	-17	-19	-22	-26	-29	-24	-20	-24	-22	-13	-6	-8
13	-11	-15	-12	-11	-8	-5	-3	-8	-8	-6	-4	-4	-4	-4	-5	-6	-5	-2	-7	-4	-3	-1	-4	-2
14	-4	-5	-4	-3	1	-0	-2	-5	-8	-6	-2	-3	-8	-10	-9	-8	-5	-0	14	21	11	8	9	-4
15	-14	-6	-8	-9	-10	15	12	6	-1	-6	-8	-16	-18	-22	-27	-29	-27	-27	-22	-18	-12	-11	-11	-13
16	-14	-16	-18	-14	-11	-12	-10	-15	-21	-20	-25	-28	-32	-26	-25	-24	-20	-15	-18	-20	-17	-13	-13	-13
17	-15	-16	-13	-10	-6	-7	-10	-10	-10	-5	-5	-9	-9	-7	-4	-0	7	9	6	8	8	10	10	9
18	7	8	11	14	16	16	15	14	10	12	8	10	14	20	20	15	14	10	2	-2	-6	-9	-5	5
19	8	9	9	12	17	20	17	17	14	15	20	17	9	9	11	16	29	23	20	19	10	14	14	15
20	16	18	13	20	23	24	21	18	14	16	20	18	19	18	20	22	20	21	24	27	30	32	28	18
21	17	12	10	-4	-25	-22	-14	-9	-8	-19	2	-28	-51	-43	-43	-56	-65	-53	-55	-65	-71	-73	-81	-82
22	-65	-63	-54	-35	-49	-61	-59	-57	-54	-54	-50	-51	-50	-52	-50	-46	-44	-40	-35	-30	-27	-19	-26	-33
23	-37	-41	-33	-25	-22	-27	-33	-29	-27	-27	-24	-21	-27	-29	-27	-24	-19	-11	-13	-12	-8	-7	-9	-7
24	-6	-9	-15	-21	-16	-18	-23	-19	-22	-20	-19	-21	-29	-40	-44	-40	-29	-20	-14	-15	-17	-9	-11	-20
25	-20	-17	-18	-17	-19	-18	-13	-16	-16	-15	-12	-16	-20	-24	-26	-27	-20	-18	-25	-23	-16	-10	-5	-13
26	-15	-16	-18	-18	-13	-11	-12	-12	-12	-13	-14	-13	-12	-11	-9	-6	4	8	4	0	-2	3	4	0
27	-2	-9	-8	-4	-1	-2	-5	-5	-5	-6	-11	-12	-10	-7	-5	1	5	8	7	10	13	7	-1	-6
28	-9	-7	-7	-10	-8	-11	-13	-11	-17	-10	-13	-11	-4	-4	-3	-7	-3	1	16	-23	-58	-68	-95	-140
29	-173	-160	-164	-175	-184	-163	-154	-152	-143	-144	-137	-129	-118	-124	-135	-146	-144	-135	-123	-110	-92	-81	-81	-81
30	-82	-83	-74	-71	-74	-65	-60	-56	-51	-47	-39	-39	-38	-37	-39	-37	-31	-27	-31	-35	-35	-37	-41	-42

JULY 1958

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	-40	-42	-48	-48	-44	-42	-38	-39	-41	-40	-37	-39	-37	-35	-38	-41	-39	-33	-34	-33	-30	-29	-25	-19
2	-17	-20	-22	-22	-20	-18	-17	-14	-17	-20	-20	-16	-13	-10	-8	-8	-9	-8	-7	-9	-12	-15	-18	-17
3	-18	-13	-8	-9	-7	-2	-3	-7	-3	-1	2	-2	-3	-3	-5	-7	-19	-24	-26	-25	-19	-13	-5	
4	-5	-3	-4	-6	-3	0	-0	-5	-18	-28	-24	-24	-21	-18	-18	-16	-12	-28	-30	-35	-43	-45	-42	-41
5	-31	-22	-12	-9	-8	-8	-7	-11	-14	-8	-4	-5	-11	-17	-18	-17	-12	-8	-7	-3	0	-0	-11	-7
6	-6	-7	-8	-10	-5	-1	-3	-6	-7	-8	-5	-3	-3	-4	-1	3	4	7	7	9	9	10	8	5
7	4	4	2	1	5	10	13	13	8	5	6	14	19	19	13	10	23	40	36	17	13	11	1	-3
8	-1	4	6	4	3	3	5	13	24	42	19	-41	-57	-43	-52	-125	-202	-180	-223	-291	-338	-237	-337	-327
9	288	-261	-261	-260	-260	-259	-256	-253	-228	-208	-186	-187	-180	180	172	-162	-143	-133	-125	-127	-119	-106	-98	-102
10	102	98	83	90	93	91	88	89	91	82	75	74	78	80	80	79	75	69	65	63	60	57	54	60
11	-64	-69	-63	-66	-64	-61	-53	-42	-48	-47	-49	-53	-59	-64	-62	-61	-58	-54	-50	-47	-55	-49	-45	-35
12	-18	-28	-21	-25	-25	-33	-24	-29	-39	-35	-38	-39	-39	-43	-46	-43	-38	-35	-45	-36	-30	-36	-32	-31
13	-30	-31	-31	-25	-27	-31	-30	-31	-32	-34	-36	-39	-39	-38	-37	-38	-38	-35	-34	-37	-37	-35	-18	-14
14	-12	-9	10	-18	-19	-21	-21	-25	-28	-25	-25	-24	-26	-29	-33	-35	-33	-31	-31	-35	-38	-36	-30	-25
15	-24	-25	-27	-31	-32	-29	-28	-28	-27	-26	-26	-25	-28	-29	-28	-27	-28	-29	-31	-36	-39	-34	-28	-24
16	-23	-25	-23	-22	-20	-21	-22	-22	-25	-24	-22	-17	-18	-19	-22	-26	-27	-27	-26	-28	-24	-23	-24	-26
17	-25	-16	-7	-9	-10	-14	-23	-21	-17	-20	-33	-32	-36	-37	-35	-33	-33	-30	-30	-30	-31	-27	-25	-23
18	-22	-19	-15	-14	-12	-7	-15	-25	-28	-22	-18	-23	-29	-22	-20	-19	-17	-29	-31	-39	-34	-25	-26	-21
19	-15	-14	-18	-17	-16	-17	-15	-19	-21	-27	-24	-28	-29	-26	-21	-13	-9	-7	-6	-13	-37	-45	-52	-44
20	-40	-45	-52	-47	-35	-30	-31	-32	-40	-37	-28	-30	-34	-39	-39	-39	-38	-35	-27	-22	-21	-24	-24	-18
21	-19	-17	-21	-22	-20	-16	-14	-21	-24	-18	-15	-17	-19	-17	-15	-19	-2	14	-9	-17	-29	-31	-31	-37
22	-37	-38	-27	-30	-26	-21	-22	-24	-21	-18	-20	-27	-12	-19	-27	-30	-23	-20	-16	-20	-22	-20	-16	-14
23	-14	-10	-8	-12	-15	-15	-14	-14	-13	-13	-15	-16	-16	-14	-15	-14	-14	-13	-11	-8	-6	-5	-7	-7
24	-4	-9	-16	-19	-18	-15	-14	-12	-8	-8	-7	-5	-7	-10	-5	-6	-6	-20	-31	-21	-21	-12	-1	-8
25	-3	-3	-8	-6	-4	-6	-9	-22	-18	-17	-19	-32	-32	-39	-42	-40	-39	-41	-38	-43	-43	-40	-41	-43
26	-43	-37	-33	-35	-35	-32	-28	-27	-25	-21	-20	-21	-27	-27	-27	-27	-27	-24	-18	-18	-7	-8	-12	-11
27	-11	-11	-12	-12	-8	-9	-23	-21	-24	-22	-8	-22	-42	-41	-35	-33	-34	-45	-57	-70	-74	-77	-73	-65
28	-53	-47	-45	-44	-34	-30	-20	-17	-19	-15	-15	-19	-25	-30	-33	-28	-22	-14	-2	4	13	15	6	8
29	2	-0	-2	-5	-8	-9	-11	-11	-8	-7	-6	-7	-5	-1	3	2	1	-1	6	1	-0	-12	-12	-7
30	-3	-4	-5	-3	1	2	-4	-4	-6	-2	-2	-7	-17	-20	-18	-17	-16	-21	-19	-22	-23	-31	-21	-15
31	-14	-10	-10	-11	-12	-14	-18	-17	-17	-18	-18	-20	-24	-24	-21	-13	-16	-27	-13	-11	-14	-16	-17	-15

AUGUST 1958

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	-13	-12	-14	-14	-10	-8	-6	-1	2	-5	-34	-34	-26	-23	-19	-16	-17	-10	-8	-16	-22	-22	-14
2	-11	-6	-6	-10	-10	-14	-15	-11	-7	-9	-9	-11	-19	-23	-20	-14	-10	-9	-2	1	-2	-4	-4	7
3	7	2	-3	-11	-14	-13	-19	-22	-15	-10	-11	-16	-21	-23	-20	-17	-23	-27	-30	-32	-32	-26	-18	-14
4	-8	-6	-7	-9	-10	-10	-9	-11	-9	-6	-3	2	2	4	6	6	2	-2	-4	-2	-2	-4	-3	-2
5	-2	-4	-3	-3	-2	-2	-3	-3	-4	-5	-1	-8	-13	-15	-15	-14	-12	-7	-3	-4	-4	-7	-4	-4
6	-5	-2	0	3	6	5	2	4	7	1	-3	-4	-8	-8	-6	-2	2	7	7	-9	7	8	11	14
7	15	16	15	11	7	11	14	11	7	5	-1	-13	-21	-16	-10	-10	-10	-17	-21	-22	-18	-14	-9	-5
8	-4	-2	-1	2	4	4	3	2	2	3	3	5	8	11	8	2	-0	0	4	5	5	3	0	0
9	-3	-8	-8	-4	-1	1	2	3	5	9	13	13	13	16	18	16	9	4	9	12	11	3	4	11
10	13	8	11	12	15	16	14	9	16	23	15	-2	2	3	-2	-5	-10	0	3	8	7	11	4	1
11	4	3	-1	7	12	4	-6	-7	0	2	-8	-7	-6	-7	-9	-12	-13	-13	-9	4	5	-0	-4	-3
12	-5	-5	-4	-3	-6	-6	-6	-5	-0	-2	-6	-5	0	0	-3	-8	-8	-3	7	13	15	9	8	11
13	14	9	8	6	0	-9	-19	-29	-19	-7	-16	-18	-21	-20	-14	-14	-16	-12	-11	-11	-8	-8	-6	-3
14	-4	-6	-7	-3	0	-2	-2	1	2	6	5	-2	-8	-9	-7	-6	-6	-11	-19	-12	-7	-10	-11	-10
15	-15	-9	-7	-8	-9	-5	-1	1	4	5	6	4	-1	-3	-6	-8	-6	-1	5	9	9	11	15	12
16	10	-5	-18	-13	-6	-4	-4	-3	-2	2	-1	-3	-3	1	0	-3	-9	-13	-3	1	4	4	4	6
17	6	6	7	7	11	13	38	30	-0	-20	-16	-19	-9	-8	-14	-24	-26	-34	-84	-98	-95	-105	-102	-105
18	-76	-64	-60	-59	-64	-20	-70	-59	-52	-54	-57	-52	-59	-65	-67	-65	-61	-52	-41	-32	-27	-29	-30	-33
19	-32	-33	-33	-29	-30	-31	-26	-23	-21	-17	-18	-18	-23	-29	-32	-31	-25	-21	-14	-7	-7	-11	-8	-7
20	-8	-9	-12	-10	-12	-11	-10	-9	-10	-7	-5	-6	-10	-10	-7	-4	-3	-3	-5	-1	-0	-2	-4	-4
21	-4	-1	-1	-1	0	1	1	0	1	2	2	8	13	10	10	16	16	2	19	20	17	14	16	19
22	13	6	22	29	-5	-39	-50	-42	-34	-34	-25	-22	-20	-21	-22	-23	-35	-35	-30	-16	-10	-10	-13	-15
23	-18	-20	-21	-20	-21	-24	-24	-22	-18	-13	-10	-9	-10	-11	-12	-14	-18	-21	-18	-13	-21	-20	-19	-24
24	-21	3	26	-37	-83	-101	-95	-93	-92	-90	-82	-62	-71	-65	-61	-72	-79	-77	-72	-70	-62	-56	-51	-50
25	-50	-49	-47	-55	-55	-59	-58	-52	-50	-41	-43	-46	-43	-40	-42	-45	-47	-50	-49	-45	-47	-46	-43	-43
26	-42	-38	-35	-34	-36	-40	-43	-39	-43	-48	-49	-54	-52	-45	-44	-47	-48	-47	-45	-39	-33	-33	-33	-30
27	-29	-31	-36	-4	-19	-45	-62	-59	-103	-103	-79	-69	-78	-81	-77	-82	-79	-80	-69	-70	-71	-73	-69	-60
28	-59	-54	-49	-45	-42	-42	-41	-38	-34	-39	-37	-30	-34	-38	-40	-40	-39	-40	-41	-38	-43	-43	-43	-40
29	-39	-34	-32	-29	-28	-30	-29	-24	-16	-17	-16	-16	-17	-21	-28	-31	-32	-29	-29	-22	-22	-26	-26	-26
30	-26	-25	-21	-20	-22	-22	-15	-7	-5	-9	-8	-9	-13	-18	-25	-24	-22	-24	-22	-15	-9	-5	-8	-12
31	-15	-19	-15	-12	-11	-14	-14	-16	-13	-12	-17	-17	-19	-24	-26	-24	-25	-27	-21	-16	-12	-10	-8	-6

NOT REPRODUCIBLE

SEPTEMBER 1958

UNIT=GAMMAS

DAY	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	-11	-13	-11	-10	-10	-11	-10	-10	-13	-13	-13	-12	-10	-10	-10	-10	-4	-1	-1	-6	-9	-4	1
2	-1	-6	-6	-3	-3	-3	-3	-5	-10	-3	-1	2	1	2	8	12	10	8	7	7	6	2	0	1
3	-5	-7	-7	-1	-1	-3	-0	7	10	14	-15	9	9	-2	-18	1	1	-19	-36	-41	-53	-102	-123	-116
4	-118	-106	-50	-69	-60	-53	-55	-52	-46	-31	-30	-31	-32	-25	-42	-96	-162	-201	-217	-246	-298	-311	-310	-307
5	-306	-298	-298	-297	-254	-240	-219	-210	-191	-181	-174	-161	-154	-152	-152	-148	-139	-128	-118	-121	-118	-104	-97	-95
6	-94	-94	-95	-95	-94	-95	-92	-85	-82	-83	-80	-78	-75	-71	-67	-67	-64	-58	-58	-59	-57	-56	-51	-44
7	-43	-42	-44	-45	-44	-41	-38	-37	-38	-33	-35	-31	-28	-24	-26	-36	-40	-44	-48	-51	-53	-70	-78	-72
8	-65	-66	-64	-62	-52	-47	-43	-36	-29	-23	-20	-26	-30	-29	-30	-23	-21	-17	-19	-16	-19	-21	-21	-34
9	-27	-45	-47	-39	-36	-28	-22	-22	-20	-23	-25	-23	-22	-21	-29	-31	-30	-31	-40	-46	-53	-57	-48	-44
10	-42	-36	-35	-35	-33	-29	-26	-22	-20	-20	-16	-15	-16	-15	-15	-9	-8	-12	-12	-12	-13	-13	-18	-13
11	-17	-19	-23	-19	-17	-15	-10	-8	-5	-5	-9	-11	-9	-11	-7	-4	-3	-8	-13	-16	-21	-18	-13	-9
12	-9	-8	-6	-6	-12	-10	-9	-6	-8	-8	-9	-8	-6	-2	1	3	3	1	-2	-5	-8	-9	-4	-2
13	-2	-3	-3	-0	-0	-0	-1	-1	-2	-2	-2	-3	-2	-3	-3	3	8	10	6	3	-1	-4	-0	7
14	9	8	19	8	6	7	8	9	14	18	11	6	3	1	5	8	11	12	12	15	10	8	5	3
15	6	6	7	10	14	15	15	17	19	17	14	12	12	13	13	13	18	20	19	25	26	25	23	22
16	20	17	15	19	10	-10	-12	-6	-2	3	11	19	21	22	8	12	5	-27	-51	-53	-60	-58	-67	-73
17	-61	-46	-41	-39	-43	-42	-38	-37	-38	-41	-36	-35	-30	-32	-31	-30	-27	-27	-23	-17	-17	-19	-20	-22
18	-21	-21	-19	-17	-16	-15	-14	-15	-17	-17	-14	-9	-4	-2	-3	-5	-4	-8	-9	-12	-13	-13	-7	-4
19	-3	-2	-2	-3	-1	0	1	-1	-1	-5	-4	-0	1	0	1	-0	3	7	9	13	11	8	10	11
20	9	9	7	7	7	8	6	6	7	6	8	10	11	10	11	13	18	18	17	19	16	12	9	8
21	9	7	6	5	8	11	12	11	12	11	9	11	12	10	8	6	6	7	14	19	22	21	18	14
22	11	11	11	11	12	16	16	14	15	14	15	17	23	24	21	19	15	14	12	14	14	16	15	14
23	14	14	15	15	10	9	9	8	10	12	17	27	32	29	24	20	18	14	15	17	17	14	8	8
24	16	20	21	20	18	18	16	9	5	7	6	14	19	18	14	10	6	2	4	3	5	6	8	13
25	17	11	3	-6	5	-32	-61	-81	-102	-117	-93	-98	-111	-100	-115	-127	-128	-137	-128	-145	-143	-122	-132	-116
26	-106	-107	-112	-101	-99	-82	-79	-84	-87	-83	-73	-73	-71	-77	-74	-73	-69	-72	-66	-64	-64	-62	-59	-56
27	-52	-49	-49	-47	-48	-49	-47	-44	-43	-43	-46	-38	-39	-40	-41	-42	-39	-39	-39	-40	-42	-48	-47	-43
28	-41	-36	-34	-36	-37	-29	-26	-25	-25	-25	-21	-18	-15	-12	-15	-18	-15	-12	-10	-9	-10	-14	-17	-16
29	-15	-15	-13	-12	-13	-14	-14	-13	-13	-15	-16	-10	-6	-3	-1	-1	-1	1	3	3	1	-5	-11	-11
30	-8	-8	-8	-6	-3	-1	-3	-6	-12	-15	6	3	-8	-6	-9	-7	-12	-23	-29	-30	-26	-34	-47	-27

OCTOBER 1958

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	-18	-11	-6	-10	-12	-25	-28	-17	-19	-24	-19	-15	-12	-10	-6	-2	-0	3	7	-7	-18	-18	-28		
2	-41	-41	-36	-32	-38	-40	-39	-36	-37	-34	-30	-21	-11	-4	-0	0	2	6	5	4	1	-6	-8	-12		
3	-13	-12	-12	-13	-18	-17	-22	-30	-34	-27	-21	-17	-17	-5	2	-3	-15	-26	-31	-29	-25	-22	-23	-19		
4	-15	-13	-11	-10	-11	-12	-14	-15	-15	-11	-8	-5	-3	0	0	2	6	3	2	2	2	4	9	6		
5	-6	-10	-7	-6	-6	-4	-7	-5	-4	-3	-5	-0	-1	5	8	8	9	9	-7	-4	-5	-8	-15	-12		
6	-6	-5	-6	-4	-2	4	5	5	1	-4	-7	-2	3	2	0	5	2	8	5	11	5	-4	-8	-1		
7	3	2	-4	-3	-3	-8	-9	-6	-7	-15	-14	-7	-5	-5	-4	-4	-13	-15	-12	-11	-8	-11	-29	-36		
8	-26	-24	-36	-37	-31	-24	-27	-33	-22	-17	-17	-16	-16	-14	-9	-5	-2	0	3	7	6	6	3	2		
9	5	2	-1	-4	-3	1	-1	-2	-3	-3	-3	-1	1	1	0	1	2	3	3	6	5	3	1	1		
10	6	5	4	3	5	9	11	11	9	9	9	12	17	18	18	16	13	7	8	14	11	10	10	11		
11	9	7	9	9	10	11	8	7	8	7	9	6	8	8	7	9	5	3	4	2	0	8	6	3		
12	6	9	10	11	10	13	13	13	15	17	19	15	12	12	10	12	15	19	19	22	22	18	16	17		
13	18	17	16	14	10	13	12	11	10	4	-0	-1	-4	-9	-8	-2	4	3	3	13	15	18	19	17		
14	18	19	16	13	14	13	14	8	16	17	12	12	11	13	12	15	16	18	19	24	28	27	16	16		
15	12	5	9	7	9	12	16	13	1	2	3	4	9	7	7	4	5	9	15	13	14	20	21	16		
16	15	15	13	8	3	-3	-2	-6	-8	-8	-5	-1	4	6	5	2	1	0	5	13	15	16	15	16		
17	14	7	7	6	4	5	10	9	8	9	9	10	13	13	13	10	4	8	5	12	13	11	6	7		
18	10	9	5	7	13	13	8	8	7	8	5	7	6	5	5	6	4	5	11	18	21	17	16	16		
19	15	13	12	10	15	17	16	19	18	18	16	13	9	12	14	10	1	-3	-2	3	8	10	11	9		
20	13	11	5	2	4	6	6	4	6	5	7	8	8	9	12	14	16	24	27	24	24	21	16	18		
21	17	13	10	5	6	8	6	-1	0	2	-0	-1	-3	-1	1	0	2	6	3	10	16	14	11	12		
22	13	15	13	24	13	-3	-30	-51	-69	-54	-43	-50	-54	-52	-50	-49	-65	-69	-71	-67	-71	-77	-93	-101		
23	-94	-86	-86	-83	-91	-58	-104	-112	-99	-94	-93	-79	-77	-86	-88	-100	-109	-114	-115	-108	-96	-87	-86	-85		
24	-88	-90	-88	-81	-84	-84	-89	-68	-83	-111	-140	-125	-137	-157	-150	-158	-164	-156	-145	-139	-151	-162	-159	-164		
25	-141	-123	-120	-115	-110	-108	-104	-104	-97	-96	-97	-96	-94	-91	-90	-86	-80	-76	-72	-68	-63	-62	-65	-64		
26	-57	-54	-53	-47	-50	-50	-58	-62	-60	-62	-61	-56	-57	-56	-51	-54	-57	-59	-63	-56	-55	-63	-61	-56		
27	-49	-47	-46	-47	-45	-43	-38	-42	-46	-41	-37	-38	-37	-36	-37	-26	-27	-42	-75	-116	-121	-102	-96	-97		
28	-83	-75	-75	-75	-67	-57	-53	-33	-47	-61	-49	-52	-57	-48	-53	-61	-68	-65	-55	-63	-57	-61	-63	-62		
29	-61	-57	-60	-63	-58	-57	-55	-53	-53	-46	-43	-35	-33	-32	-31	-34	-36	-29	-23	-28	-40	-41	-49	-45		
30	-44	-46	-44	-44	-42	-40	-39	-36	-37	-33	-34	-32	-26	-26	-30	-33	-33	-38	-39	-34	-24	-26	-28	-16		
31	-16	-19	-21	-21	-14	-14	-13	-15	-10	-12	-10	-13	0	-1	-3	6	-5	1	1	1	-4	-4	5	10		

NOT REPRODUCIBLE

NOVEMBER 1958

UNIT=GAMMAS

DAY	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	10	9	-0	-4	-1	1	1	-2	-6	0	6	6	11	14	27	22	16	12	9	12	7	7	10
2	9	9	5	5	8	11	12	12	11	9	6	11	5	-2	-8	-21	-43	-62	-56	-36	-33	-38	-35	-37
3	-33	-35	-31	-36	-57	-49	-43	-40	-43	-42	-36	-33	-32	-34	-27	-28	-29	-24	-23	-19	-26	-21	-20	-21
4	-21	-21	-21	-24	-24	-22	-18	-18	-22	-24	-23	-21	-22	-21	-14	-11	-9	-9	-12	-12	-12	-9	-7	-7
5	-2	1	1	-3	-4	-4	-7	-7	-7	-5	-5	-6	-7	-10	-10	-10	-8	-8	-8	-5	-6	-4	-5	-4
6	-4	-1	-1	1	5	7	8	8	8	7	4	5	6	5	6	5	5	5	5	6	8	6	4	8
7	11	8	6	5	8	14	13	13	12	13	12	14	15	11	8	5	6	6	4	-2	0	-3	-4	-2
8	-1	1	-1	-2	1	2	-1	-2	-0	-0	4	8	10	9	6	4	3	4	4	5	6	9	9	8
9	9	8	9	6	4	6	7	10	13	18	22	28	29	28	25	27	31	36	38	40	42	42	42	41
10	42	50	37	32	31	28	20	15	15	17	15	1	19	18	6	3	2	-10	-17	-15	-12	-12	-13	-8
11	-2	-1	-33	-29	-33	-51	-57	-46	-31	-27	-36	-27	-22	-17	-13	-10	-10	-11	-10	-8	-8	-7	-7	-5
12	-2	1	4	-0	-6	-5	-1	-2	-3	-3	-6	-4	1	-2	-8	-4	-1	1	-1	-6	-5	-12	-15	-10
13	-9	-7	-6	-3	-4	-6	-11	-12	-10	-15	-13	-5	0	4	4	5	4	2	4	1	1	1	0	1
14	3	2	1	3	3	4	5	8	9	6	6	9	10	6	2	8	12	14	16	16	15	11	0	-4
15	-0	5	6	8	12	11	5	1	7	4	3	6	11	11	11	15	16	15	14	15	15	13	15	18
16	21	19	30	29	23	19	11	12	21	25	12	15	10	8	11	8	11	8	7	8	9	3	5	7
17	4	3	4	2	4	-3	-3	-0	1	1	0	6	12	13	13	15	11	9	10	10	10	8	8	9
18	9	10	12	11	7	9	8	8	5	5	6	8	11	11	11	12	11	6	-2	-14	-19	-16	-15	-12
19	-7	-9	-7	-5	-4	-2	-2	-1	-0	1	2	5	11	10	9	6	5	5	1	-1	-2	-1	-0	-4
20	-6	-7	-3	1	6	8	10	10	12	11	10	14	18	19	20	20	17	15	12	10	9	8	10	10
21	12	13	15	17	20	19	13	14	17	13	5	8	14	13	14	16	16	17	17	16	14	15	14	11
22	14	12	13	14	12	12	13	14	13	12	10	11	13	13	17	17	17	19	23	22	21	22	26	27
23	23	22	24	27	25	18	13	13	16	28	25	15	7	8	9	12	14	11	11	13	9	8	4	6
24	7	7	8	9	5	3	2	-3	-9	-16	-8	-2	-6	-4	-2	-2	-1	-1	-2	-2	-5	-3	5	8
25	6	6	9	14	17	26	29	33	37	32	28	23	24	20	14	6	-4	-12	-24	-40	-49	-51	-50	-44
26	-44	-42	-38	-32	-26	-26	-23	-19	-18	-19	-19	-20	-21	-19	-14	-10	-10	-13	-13	-10	-9	-9	-11	-11
27	-9	-4	-5	-8	-9	-10	-7	-2	-4	-13	-13	-10	-2	-4	-7	-8	-7	-6	-4	-12	-20	-22	-25	-23
28	-24	-9	-4	0	-4	-3	-5	-11	-4	1	5	4	6	6	23	26	21	24	22	10	-2	-5	-4	-5
29	-7	-7	-7	-10	-18	-19	-19	-19	-21	-24	-12	-7	-1	-2	-1	-0	0	1	-2	-5	-8	-5	-3	1
30	-1	1	1	-2	-3	-0	2	4	1	-0	-1	1	2	4	8	8	8	9	10	11	8	6	7	6

DECEMBER 1958

UNIT=GAMMAS																						G.M.T.		
DAY	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	14	14	11	13	13	16	18	16	15	17	13	7	4	7	9	10	13	12	11	10	11	11
2	10	12	15	16	17	18	22	24	24	23	7	-17	-31	-40	-45	-43	-39	-37	-43	-41	-41	-38	-29	-20
3	-22	-22	-22	-12	-14	-17	-19	-14	-11	-11	-7	-6	-7	-10	-7	-2	3	3	0	-7	-11	-6	-4	-6
4	2	22	18	33	30	29	24	29	0	-24	-45	-30	-35	-44	-49	-84	-109	-124	-144	-139	-161	-186	-179	-197
5	-177	-170	-160	-151	-139	-138	-136	-128	-120	-112	-101	-91	-95	-88	-79	-71	-61	-63	-62	-63	-68	-65	-62	-60
6	-64	-61	-48	-40	-39	-41	-45	-44	-41	-47	-47	-42	-42	-44	-42	-43	-46	-45	-43	-44	-39	-37	-41	-41
7	-35	-30	-23	-20	-22	-25	-29	-25	-25	-25	-22	-17	-19	-17	-9	-8	-11	-15	-16	-15	-15	-14	-13	-14
8	-16	-12	-4	-1	-1	-1	-3	-3	-1	-1	-3	-5	-4	3	-2	-1	-1	-2	-2	-9	-15	-8	-0	-12
9	-12	-22	-25	-17	-7	-7	-8	-23	-21	-15	-8	-9	-12	-9	2	7	9	5	0	-1	-1	-1	-2	-6
10	-10	-12	-9	-7	-7	-3	-4	-9	-5	-4	-3	-4	-5	-7	-5	-3	-2	-3	-4	-3	-3	0	1	1
11	1	5	6	5	6	8	8	4	4	8	3	7	8	11	10	11	6	8	10	8	6	4	7	9
12	7	8	3	4	9	9	7	7	8	8	1	3	4	5	8	11	9	10	9	7	7	3	-8	-7
13	6	3	-5	-15	-2	4	-1	3	13	16	21	20	15	-18	-38	-58	-82	-95	-107	-111	-108	-92	-84	-81
14	-74	-57	-44	-33	-31	-55	-63	-60	-53	-41	-32	-31	-33	-52	-53	-53	-56	-52	-48	-60	-68	-69	-59	-56
15	-55	-46	-35	-33	-33	-36	-30	-27	-26	-21	-15	-17	-22	-20	-17	-16	-22	-18	-8	-8	-2	-2	-3	0
16	7	12	31	7	11	16	12	16	7	4	14	20	-4	-13	-6	-15	-13	-8	11	14	11	13	15	15
17	13	16	20	15	9	7	1	2	-1	-4	-10	-8	-8	-8	-7	-7	3	-17	-23	-39	-23	-22	-66	-69
18	-97	-118	-101	-104	-100	-88	-86	-75	-66	-60	-55	-58	-57	-59	-70	-72	-69	-65	-63	-60	-59	-54	-48	-52
19	-59	-71	-75	-71	-66	-68	-70	-66	-60	-56	-53	-50	-51	-46	-43	-48	-46	-41	-42	-37	-33	-28	-29	-30
20	-33	-37	-29	-21	-23	-27	-33	-33	-25	-15	-15	-14	-12	-16	-21	-24	-26	-24	-22	-20	-21	-18	-17	-19
21	-21	-18	-13	-14	-19	-23	-19	-20	-16	-20	-17	-14	-12	-11	-11	-14	-15	-11	-13	-16	-9	-8	-10	-12
22	-18	-17	-15	-12	-12	-17	-19	-18	-14	-7	-9	-5	-3	-1	-5	-4	-5	-4	-2	-15	-6	5	7	2
23	0	0	3	6	7	3	4	2	-6	-4	-4	-1	5	2	-9	-11	-10	-15	-21	-19	-18	-16	-24	-23
24	-20	-15	-14	-17	-15	-13	-15	-14	-6	-3	-1	1	1	-3	-3	-1	-6	-8	-4	-2	-1	1	2	-1
25	1	2	4	4	2	2	4	6	6	6	7	9	8	7	3	3	0	5	10	8	11	19	20	32
26	33	23	25	21	12	12	11	7	7	8	13	8	1	-4	-7	-6	-6	-14	-12	-3	-0	-2	-11	-15
27	-11	-10	-6	-10	-21	-31	-37	-31	-21	-16	-20	-30	-26	-17	-23	-24	-26	-22	-16	-13	-14	-11	-14	-14
28	-18	-14	-4	-7	-11	-19	-22	-18	-9	-9	-4	-5	-2	-1	-11	-19	-18	-12	-10	-10	-15	-16	-8	-12
29	-14	-14	-9	-6	-10	-16	-19	-16	-9	-6	-6	0	1	-3	-7	-7	-11	-12	-8	-13	-19	-14	-19	-21
30	-20	-12	-6	-4	-7	-5	-9	-7	-6	-9	-3	6	8	5	12	13	7	6	4	-4	-1	-5	-6	-12
31	-7	0	4	2	-4	-8	-12	-10	1	3	0	2	6	5	7	10	8	8	10	5	9	12	9	10

DAILY MEANS OF EQUATORIAL DST FOR 1958

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
DAY												
1	-104	7	-7	-39	-29	-90	-37	-15	-9	-13	7	12
2	-62	5	-11	-38	-26	-54	-15	-9	1	-19	-11	-11
3	-30	16	-13	-29	-9	-30	-9	-17	-21	-19	-33	-10
4	-13	8	-47	-38	-13	-6	-20	-4	-125	-4	-17	-57
5	-1	-22	-41	-57	-7	5	-10	-6	-182	-3	-6	-103
6	1	-33	-46	-43	-12	6	-1	2	-75	1	5	-44
7	-0	-30	-37	-47	4	-88	12	-3	-43	-9	7	-19
8	2	-30	-36	-27	13	-33	-97	3	-34	-14	4	-4
9	3	-30	-34	-19	9	-19	-190	6	-34	1	23	-8
10	-18	-34	-29	-4	-14	-58	-78	7	-20	10	11	-5
11	-2	-228	-33	8	-9	-28	-55	-3	-12	7	-21	7
12	-9	-115	-86	13	5	-21	-34	-1	-5	14	-4	6
13	-6	-61	-90	12	-23	-6	-32	-9	0	8	-3	-33
14	-13	-52	-37	1	-47	-1	-26	-5	9	16	7	-51
15	-27	-15	-36	-28	-33	-12	-29	0	15	10	10	-21
16	-14	7	-34	-39	-26	-18	-23	-2	-10	5	14	7
17	-23	-21	-31	-54	-17	-3	-25	-27	-33	9	6	-9
18	-51	-39	-45	-61	-19	9	-22	-55	-12	10	3	-72
19	-38	-36	-54	-27	-16	15	-22	-22	2	11	0	-52
20	-16	-40	-45	-31	-6	21	-34	-7	11	12	10	-23
21	-52	-46	-43	-16	-1	-34	-18	8	11	6	14	-15
22	-30	-33	-57	-19	8	-46	-23	-18	15	-43	16	-8
23	-35	-33	-43	-14	14	-22	-12	-18	15	-95	15	-6
24	-14	-20	-41	-29	16	-21	-12	-63	12	-124	-1	-7
25	-21	-3	-32	-8	28	-18	-26	-48	-86	-93	2	7
26	-34	4	-24	10	-22	-8	-24	-42	-79	-57	-20	4
27	-19	1	-23	-4	-31	-2	-35	-64	-44	-55	-10	-19
28	-2	-5	-19	-43	-31	-21	-19	-41	-22	-60	3	-11
29	-8		-8	-45	-62	-135	-4	-26	-8	-44	-8	-11
30	11		-28	-30	-44	-49	-12	-16	-13	-34	4	-2
31	1		-36		-63		-16	-16		-7		3
MEAN	-20	-31	-37	-25	-15	-26	-31	-16	-26	-18	1	-18

ANNUAL MEAN -22

JANUARY 1959

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	26	28	26	24	25	25	23	25	27	24	16	9	6	8	16	18	14	15	19	25	27	25	27
2	28	29	28	25	25	26	25	25	25	27	26	30	28	23	17	23	25	26	28	26	28	26	28	27
3	27	28	29	24	19	16	7	8	8	8	10	17	12	11	16	19	16	14	6	3	6	7	9	
4	10	17	21	25	23	26	22	25	32	35	32	33	22	14	13	3	-6	-9	-14	-21	-22	-18	-11	-4
5	1	12	24	23	21	20	16	10	7	3	0	-3	-5	-17	-17	-13	-21	-30	-51	-64	-75	-90	-85	-77
6	-72	-62	-45	-45	-50	-47	-46	-48	-42	-43	-44	-39	-38	-35	-38	-30	-33	-45	-57	-59	-44	-42	-37	-39
7	-39	-40	-39	-38	-36	-36	-41	-44	-42	-38	-42	-37	-32	-25	-23	-19	-21	-25	-23	-24	-36	-48	-37	-30
8	-37	-37	-38	-35	-31	-30	-32	-31	-28	-27	-24	-24	-20	-13	-13	-16	-16	-27	-31	-32	-35	-48	-33	-41
9	-44	-37	-27	-25	-23	-24	-24	-21	-16	-16	-19	-29	-24	-21	-24	-15	-44	-72	-74	-70	-69	-81	-108	-112
10	-56	-26	-80	-80	-65	-89	-85	-83	-80	-69	-73	-68	-63	-70	-66	-67	-80	-81	-86	-78	-87	-93	-95	-96
11	-88	-72	-67	-68	-69	-75	-74	-70	-61	-52	-48	-48	-49	-53	-55	-54	-49	-41	-31	-23	-32	-26	-20	-40
12	-46	-36	-36	-37	-32	-31	-31	-30	-29	-26	-29	-26	-22	-16	-12	-13	-4	-3	-8	-27	-17	-15	-9	-6
13	-12	-13	-12	-12	-14	-14	-14	-13	-16	-19	-18	-14	-17	-21	-19	-12	-6	-5	0	-3	-9	-8	-4	-0
14	2	5	5	6	6	8	4	8	10	2	-2	-3	-2	2	17	16	11	14	14	12	9	5	-4	-8
15	-10	-6	-10	-14	-22	-23	-23	-19	-15	-12	-15	-19	-22	-22	-18	-15	-9	-5	-2	-3	-5	1	0	0
16	1	-1	1	-0	3	5	4	4	8	20	21	-3	-18	-14	-12	-27	-35	-27	-27	-22	-20	-21	-21	-18
17	-16	-16	-22	-19	-13	-16	-18	-22	-14	-14	-15	-21	-30	-36	-22	-26	-31	-26	-23	-19	-16	-12	-8	-9
18	-9	-12	-23	-21	-21	-18	-15	-11	-9	-4	-3	-2	-3	-6	-0	-1	-11	-16	-12	-14	-20	-22	-25	-18
19	-16	-9	-7	-9	-8	-6	-5	-7	-7	-5	-7	-7	-5	0	1	-7	-11	-14	-18	-18	-17	-15	-12	-13
20	-12	-6	-5	-5	-4	0	2	2	1	2	1	-2	1	2	2	3	-0	4	8	6	2	1	1	1
21	0	2	2	4	7	9	7	9	12	12	10	9	9	7	10	12	11	7	2	3	4	8	9	11
22	12	12	14	20	20	15	18	25	25	35	33	31	27	31	32	27	22	18	14	9	10	12	12	11
23	19	21	24	19	15	15	18	22	27	32	28	25	18	20	27	28	27	30	30	25	22	25	24	18
24	16	11	5	7	6	8	15	13	12	10	11	14	21	25	24	22	17	23	27	23	19	20	20	18
25	16	17	18	20	19	21	22	24	28	40	39	56	63	36	36	14	-13	-40	-32	-25	-15	-6	-22	-30
26	-29	-23	-20	-13	-21	-25	-24	-23	-28	-28	-14	-10	-27	-7	-28	-30	-41	-51	-45	-42	-44	-38	-35	-36
27	-35	-32	-32	-30	-17	-4	-6	-15	-14	-10	-15	-18	-6	-1	6	4	-1	-6	-11	-10	-16	-20	-24	-23
28	-19	-24	-25	-21	-17	-18	-18	-14	-11	-15	-18	-16	-14	-12	-8	-8	-8	-10	-2	11	6	-2	-11	-14
29	-7	-2	-3	-2	4	11	6	3	-1	-12	-22	-8	-2	-4	-11	-17	-15	-11	6	4	21	16	8	-2
30	-9	-9	-11	-12	-9	-16	-20	-17	-17	-11	-14	-10	-11	-10	-6	-9	-17	-14	-8	6	10	8	-0	-3
31	-1	-4	-9	-14	-13	-13	-19	-25	-23	-16	-24	-28	-29	-24	-18	-16	-14	-10	-4	2	1	2	-3	-9

FEBRUARY 1959

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	-17	-14	-12	-14	-10	-4	-7	-4	1	-3	-6	-5	-12	-20	-26	-25	-24	-21	-11	-10	-11	-14	-14
2	-15	-15	-13	-11	-15	-20	-21	-27	-25	-13	-19	-28	-24	-34	-35	-35	-30	-36	-24	-18	-22	-19	-15	-28
3	-45	-40	-34	-31	-28	-24	-17	-20	-7	-9	-9	-8	-7	-5	-11	-22	-29	-22	-20	-30	-36	-18	-29	-43
4	-65	-69	-58	-52	-45	-41	-41	-37	-29	-28	-24	-19	-18	-14	-9	-15	-20	-28	-30	-34	-45	-52	-50	-53
5	-44	-40	-41	-40	-40	-40	-40	-40	-33	-31	-30	-23	-20	-25	-35	-38	-40	-38	-34	-23	-26	-33	-33	-35
6	-43	-48	-46	-44	-39	-31	-32	-31	-26	-19	-22	-18	-12	-16	-19	-29	-29	-21	-23	-33	-40	-35	-30	-27
7	-34	-34	-33	-32	-27	-20	-17	-17	-19	-20	-18	-12	-11	-8	-8	-10	-18	-20	-16	-12	-15	-18	-19	-18
8	-19	-20	-20	-16	-16	-8	-5	-10	-10	-7	-3	-4	5	19	7	8	11	9	13	13	11	-16	-18	-26
9	-33	-32	-31	-26	-47	-49	-56	-66	-61	-42	-39	-36	-36	-38	-30	-32	-33	-28	-20	-13	-14	-20	-27	-36
10	-42	-39	-34	-31	-28	-21	-21	-23	-24	-25	-24	-18	-10	-5	-3	-2	-8	-10	-8	-6	-9	-10	-5	-7
11	-13	-10	-5	-2	2	13	22	23	29	-9	-37	-34	-18	-23	-41	-53	-55	-43	-37	-38	-45	-49	-58	-68
12	-66	-55	-51	-51	-45	-33	-27	-27	-27	-18	-17	-19	-11	-16	-17	-27	-29	-25	-26	-26	-19	-19	-22	-24
13	-29	-28	-27	-26	-27	-20	-16	-13	-8	-7	-11	-6	-7	-14	-20	-25	-27	-25	-36	-52	-40	-38	-32	-33
14	-38	-39	-37	-31	-26	-29	-35	-38	-29	-22	-17	-13	-11	-26	-27	-37	-46	-57	-60	-55	-56	-55	-52	-49
15	-46	-44	-45	-46	-35	-39	-40	-51	-32	-30	-35	-43	-37	-43	-47	-49	-52	-57	-63	-58	-49	-47	-47	-49
16	-35	-35	-35	-32	-42	-44	-36	-15	-29	-33	-21	-22	-23	-28	-36	-39	-49	-59	-71	-69	-79	-92	-93	-114
17	-126	-120	-113	-95	-89	-83	-65	-86	-74	-72	-72	-69	-65	-59	-53	-49	-48	-48	-48	-58	-59	-59	-59	-61
18	-60	-54	-50	-47	-44	-37	-34	-31	-27	-22	-18	-17	-18	-22	-26	-26	-28	-29	-28	-28	-26	-26	-27	-24
19	-23	-36	-36	-30	-33	-35	-34	-31	-27	-27	-28	-25	-29	-33	-33	-34	-36	-34	-36	-32	-20	-19	-19	-21
20	-20	-20	-20	-21	-22	-16	-8	-5	2	3	3	1	0	-3	-7	-7	-3	-6	-6	-4	-1	-4	-5	-7
21	-6	-5	-9	-11	-9	-2	-4	-6	-3	3	4	5	4	1	-1	-3	-3	-6	-9	-8	-10	-7	-1	1
22	1	12	8	-1	-14	-11	-5	1	-2	-7	-8	12	18	21	14	9	15	10	9	12	10	3	2	-1
23	-1	-7	-18	-28	-26	-21	-20	-22	-22	-29	-37	-27	-28	-22	-19	-16	-13	-13	-13	-9	-6	-8	-9	-9
24	-10	-12	-13	-13	-12	-7	-3	-8	0	-1	-2	-4	-5	-10	-8	-2	3	3	8	6	8	8	7	6
25	7	11	19	22	26	9	-15	-39	-52	-28	-42	-24	4	-34	-61	-90	-119	-115	-132	-131	-127	-127	-123	-115
26	-114	-103	-105	-97	-99	-93	-96	-109	-112	-99	-92	-88	-83	-91	-77	-69	-67	-53	-52	-49	-44	-68	-72	-70
27	-65	-61	-59	-64	-64	-54	-47	-47	-48	-48	-45	-50	-47	-25	-24	-20	-29	-51	-54	-41	-42	-52	-58	-55
28	-50	-50	-63	-62	-60	-55	-52	-50	-52	-51	-45	-53	-53	-55	-60	-61	-67	-71	-63	-71	-71	-51	-68	-66

MARCH 1959

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	-85	-83	-79	-70	-71	-73	-68	-67	-59	-52	-48	-47	-39	-37	-46	-60	-54	-55	-50	-55	-52	-50	-63	-67	
2	-67	-60	-56	-58	-55	-43	-41	-40	-36	-34	-36	-44	-50	-43	-45	-41	-37	-39	-43	-52	-50	-62	-63	-55	
3	-52	-57	-57	-52	-42	-38	-38	-35	-27	-21	-27	-29	-27	-27	-30	-27	-34	-37	-44	-35	-36	-36	-50	-45	
4	-36	-36	-38	-36	-31	-27	-26	-23	-24	-28	-27	-27	-30	-32	-32	-33	-39	-41	-42	-52	-56	-56	-49	-46	
5	-41	-36	-36	-37	-40	-37	-37	-38	-33	-28	-24	-23	-25	-27	-28	-26	-32	-39	-48	-46	-31	-34	-35	-34	
6	-29	-27	-31	-31	-26	-23	-26	-29	-24	-21	-19	-21	-22	-19	-18	-17	-18	-22	-24	-21	-19	-20	-19	-16	
7	-13	-12	-13	-12	-10	-9	-8	-9	-9	-9	-8	-10	-18	-20	-18	-17	-21	-29	-36	-36	-36	-45	-54	-55	
8	-57	-54	-41	-36	-34	-34	-35	-29	-26	-21	-16	-13	-10	-13	-13	-17	-21	-20	-13	-13	-15	-18	-25	-28	
9	-25	-23	-21	-19	-16	-12	-10	-11	-10	-14	-15	-14	-15	-12	-15	-18	-17	-15	-11	-6	-4	-5	-6	-4	
10	-1	-0	-2	-2	-1	0	3	3	5	9	12	10	10	11	10	9	9	9	11	11	11	10	12	13	
11	17	19	21	20	18	19	17	16	16	17	17	20	18	12	12	15	16	19	22	20	20	23	19	18	
12	16	-2	-1	0	-2	-9	-8	1	5	4	-5	-9	6	1	3	1	-3	-11	-10	-16	-13	-8	-5	-3	
13	5	7	-0	-8	-9	-3	-6	-8	-8	-2	-3	-3	-7	-10	-7	-3	-3	-8	-7	-5	-2	-13	-17	-11	
14	-1	2	-1	-4	-4	-1	-2	-3	-10	-9	-5	-8	-7	-6	-4	-0	-1	-3	-2	-2	-1	1	-2	3	
15	4	7	10	11	10	11	11	6	2	5	7	8	7	8	5	1	2	6	10	15	18	15	9	7	
16	8	11	13	10	8	11	11	9	7	10	10	10	10	13	17	21	23	22	22	20	18	19	13	10	
17	14	19	20	12	6	8	4	6	10	10	4	4	5	7	7	8	9	9	7	7	6	2	-1	-0	
18	4	4	3	5	9	12	11	13	16	18	20	20	15	11	9	12	12	13	11	10	9	10	29	17	
19	20	23	21	20	21	22	24	27	27	28	25	23	19	16	17	17	17	20	20	14	12	11	10	12	
20	12	13	13	15	13	14	17	18	20	23	22	21	19	16	16	12	10	7	3	2	2	6	10	11	
21	12	12	12	14	17	19	20	19	17	17	15	16	15	14	12	13	6	1	3	3	-1	1	-4	-1	
22	3	7	8	11	13	15	19	18	17	18	17	17	18	22	24	24	21	17	13	7	6	8	10	16	
23	19	15	20	26	17	14	15	17	16	11	13	13	12	15	19	16	6	4	15	11	1	0	3	7	
24	7	6	4	5	6	6	7	8	7	6	6	13	14	14	14	11	8	-1	-9	-7	-2	5	14	18	
25	19	23	24	7	-5	-14	-13	-26	-31	-22	-15	-13	-5	7	9	-13	-15	-15	-26	-34	-57	-50	-38	-41	
26	-40	-34	-29	-26	-25	-24	-26	-29	-23	-7	-11	-74	-75	-59	-99	-87	-100	-101	-109	-113	-106	-107	-137	-139	
27	-139	-143	-140	-154	-179	-179	-188	-219	-223	-180	-172	-183	-183	-185	-207	-225	-241	-240	-248	-239	-219	-212	-186	-166	
28	-154	-144	-145	-138	-124	-118	-112	-115	-121	-117	-111	-94	-100	-99	-109	-127	-130	-126	-152	-172	-181	-178	-193	-171	
29	-161	-158	-145	-132	-127	-131	-126	-128	-125	-118	-119	-123	-110	-96	-102	-106	-98	-109	-104	-103	-96	-94	-81	-72	
30	-68	-69	-63	-62	-64	-63	-60	-65	-66	-66	-66	-63	-67	-69	-69	-68	-66	-72	-68	-64	-63	-51	-47	-47	
31	-46	-40	-43	-47	-46	-43	-45	-48	-43	-40	-38	-31	-39	-40	-38	-40	-42	-49	-56	-53	-61	-61	-51	-51	

APRIL 1959

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	-44	-42	-50	-50	-52	-63	-68	-58	-54	-54	-51	-49	-46	-45	-46	-49	-50	-49	-48	-45	-39	-33	-31
2	-33	-34	-34	-33	-31	-29	-29	-28	-29	-30	-34	-24	-24	-25	-23	-27	-33	-39	-46	-50	-43	-44	-47	-47
3	-39	-32	-35	-42	-39	-35	-38	-37	-43	-40	-34	-25	-21	-19	-20	-24	-30	-34	-34	-35	-35	-29	-23	-28
4	-28	-27	-25	-23	-23	-21	-18	-18	-21	-25	-23	-19	-23	-23	-20	-20	-20	-21	-16	-16	-15	-19	-20	-19
5	-17	-14	-12	-11	-13	-11	-9	-10	-12	-10	-10	-12	-11	-7	-4	-7	-14	-13	-15	-15	-8	-2	3	7
6	6	3	2	1	3	5	5	-1	-5	-3	2	4	0	2	8	5	-4	-8	-9	-12	-15	-19	-15	-4
7	2	4	4	2	-0	-0	-7	-10	-7	-6	-6	-8	-11	-6	-4	-6	-12	-20	-21	-21	-21	-17	-14	-19
8	-19	-25	-32	-36	-34	-33	-34	-42	-49	-50	-46	-35	-27	-29	-27	-25	-33	-41	-42	-36	-34	-36	-62	-78
9	-78	-76	-73	-68	-61	-72	-70	-68	-62	-60	-50	-48	-45	-44	-46	-41	-42	-43	-32	-15	-5	-8	-18	-16
10	-16	-25	-37	-38	-40	-31	-44	-53	-27	-46	-33	-14	-29	-63	-81	-101	-106	-107	-127	-124	-126	-118	-108	-98
11	-57	-66	-76	-71	-70	-71	-65	-66	-70	-70	-58	-41	-40	-38	-36	-35	-34	-32	-17	-14	-26	-44	-53	-41
12	-49	-41	-39	-33	-31	-28	-26	-31	-28	-26	-30	-24	-26	-25	-26	-29	-32	-30	-29	-28	-26	-22	-29	-27
13	-24	-18	-13	-12	-10	-7	-10	-14	-11	-8	-12	-15	-16	-15	-13	-13	-14	-11	-12	-10	-7	-10	-8	-7
14	-8	-9	-10	-3	-5	-6	-5	-8	-7	-1	1	3	4	11	13	15	16	15	10	8	4	-7	-14	-18
15	-26	-25	-20	-17	-18	-13	-6	-2	-4	-5	-10	-11	-10	-8	-6	-8	-11	-10	-10	-13	-6	-5	-6	-7
16	-7	-10	-10	-9	-10	-10	-10	-10	-6	-7	-3	-9	-7	-4	0	-0	-1	-3	-1	3	5	5	5	4
17	2	-0	0	1	3	4	4	5	-1	-5	-10	-19	-17	-18	-15	-7	-3	-3	-0	-4	-3	0	-0	-2
18	-14	-21	-14	-9	-6	-0	4	6	8	10	10	16	14	13	11	6	6	7	11	9	7	5	4	4
19	4	4	9	6	8	8	7	7	6	4	3	3	5	2	4	3	6	7	7	9	7	4	-2	-3
20	-1	2	6	6	13	12	10	11	13	16	12	12	11	8	8	10	12	13	10	12	12	10	10	11
21	9	3	-5	-7	-12	-12	-12	-8	-11	-15	-11	-6	1	-1	-9	-13	-8	-4	-5	-4	-8	-12	-9	-7
22	-7	-6	-6	-5	-3	-2	-1	-2	-3	-2	0	-0	0	0	2	5	9	9	10	9	12	13	11	7
23	7	6	7	6	7	8	8	9	7	10	24	47	41	35	28	19	4	-18	-46	-74	-110	-145	-123	-110
24	-57	-68	-78	-76	-67	-56	-53	-53	-55	-57	-51	-51	-57	-60	-61	-70	-72	-68	-63	-60	-60	-67	-56	-50
25	-51	-51	-43	-39	-40	-41	-38	-41	-41	-40	-44	-38	-33	-32	-30	-28	-32	-39	-33	-21	-31	-26	-32	-36
26	-30	-24	-24	-38	-36	-29	-30	-33	-28	-29	-22	-17	-30	-28	-22	-18	-18	-27	-24	-25	-31	-43	-41	-35
27	-27	-33	-33	-35	-40	-43	-32	-33	-38	-39	-37	-36	-38	-38	-36	-39	-42	-33	-30	-27	-27	-34	-30	-24
28	-25	-29	-32	-32	-33	-26	-30	-31	-29	-30	-32	-27	-30	-29	-31	-27	-24	-25	-30	-37	-47	-54	-56	-40
29	-36	-40	-38	-30	-37	-29	-30	-33	-30	-33	-33	-28	-25	-28	-35	-42	-59	-70	-76	-70	-67	-61	-48	-42
30	-40	-39	-41	-43	-46	-46	-43	-41	-40	-38	-38	-38	-35	-31	-39	-44	-44	-49	-46	-41	-50	-52	-52	-46

MAY 1959

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	-39	-38	-31	-31	-25	-22	-23	-25	-29	-33	-32	-32	-34	-36	-33	-32	-30	-30	-26	-20	-20	-25	-30	-24
2	-21	-22	-28	-28	-29	-27	-16	-13	-15	-14	-17	-15	-16	-18	-21	-17	-13	-11	-6	-1	6	4	4	7
3	6	6	4	2	2	3	3	2	1	-1	-1	-1	1	-0	1	2	4	5	6	4	6	0	3	12
4	12	8	7	4	4	8	12	13	20	9	5	7	6	8	16	13	8	6	-1	-8	-5	8	-11	-10
5	-28	-62	-75	-77	-75	-61	-47	-42	-27	-28	-30	-25	-22	-28	-23	-28	-27	-24	-20	-19	-21	-21	-18	-17
6	-18	-18	-14	-9	-5	-4	-4	-7	-8	-8	-8	-5	2	7	10	4	6	6	6	9	6	3	1	2
7	4	6	6	4	5	5	6	8	7	11	12	13	12	12	10	13	12	13	18	18	17	19	24	30
8	20	9	17	16	5	-5	-24	-24	-37	-52	-47	-24	-16	-26	-18	-3	-1	-6	-16	-19	-24	-25	-21	-23
9	-25	-25	-20	-15	-13	-15	-13	-13	-13	-10	-7	-8	-6	-4	-1	-0	5	5	-1	-2	-3	-9	-6	-7
10	-1	-1	0	-1	-2	-2	-1	2	-4	-3	-5	-5	-9	-11	-13	-7	-3	1	-4	-1	-4	-5	-2	1
11	3	-3	-9	-8	-2	0	1	5	6	2	4	-2	-5	-9	-4	0	-0	-4	-6	-10	-7	-8	-5	27
12	70	42	28	39	17	-10	-20	-26	-54	-41	-37	-36	-33	-35	-34	-42	-45	-92	-70	-72	-75	-81	-72	-63
13	-59	-57	-56	-57	-52	-46	-42	-37	-40	-42	-38	-35	-39	-50	-53	-50	-44	-42	-42	-42	-41	-40	-41	-37
14	-32	-33	-30	-30	-30	-28	-27	-25	-24	-23	-21	-21	-26	-29	-30	-28	-26	-27	-30	-31	-30	-23	-18	-15
15	-15	-16	-17	-15	-20	-21	-21	-13	-11	-11	-15	-26	-23	-30	-43	-38	-30	-31	-35	-40	-54	-60	-65	-67
16	-56	-59	-61	-55	-63	-73	-64	-69	-76	-66	-58	-64	-72	-70	-66	-63	-60	-55	-53	-47	-43	-40	-33	-35
17	-29	-28	-28	-28	-25	-26	-25	-25	-19	-19	-22	-26	-26	-25	-24	-24	-33	-29	-22	-19	-20	-19	-17	-12
18	-16	-21	-11	-8	-17	-23	-29	-30	-25	-26	-34	-33	-40	-41	-41	-35	-29	-35	-38	-37	-40	-32	-23	-10
19	-9	-19	-24	-21	-23	-23	-17	-12	-11	-15	-17	-20	-25	-28	-30	-34	-36	-30	-28	-30	-30	-32	-30	-25
20	-16	-19	-20	-20	-20	-15	-15	-16	-13	-11	-12	-12	-12	-13	-10	-10	-13	-18	-25	-34	-37	-32	-29	-26
21	-20	-21	-14	-17	-17	-17	-21	-24	-18	-13	-12	-16	-17	-18	-13	-12	-9	-13	-18	-27	-33	-29	-22	-17
22	-10	-8	-10	-18	-14	-12	-10	-19	-15	-11	-9	-10	-8	-11	-17	-22	-18	-17	-25	-34	-32	-32	-33	-32
23	-33	-36	-25	-16	-13	-13	-10	-6	-7	-4	-8	-6	-6	-9	-14	-17	-17	-19	-26	-30	-33	-29	-20	-9
24	-7	-10	-20	-16	-11	-10	-7	-15	-23	-24	-30	-46	-40	-38	-39	-45	-48	-43	-39	-41	-37	-60	-80	-94
25	-75	-65	-48	-50	-44	-54	-54	-53	-54	-46	-43	-43	-48	-50	-50	-51	-53	-51	-49	-51	-49	-47	-44	-39
26	-26	-20	-24	-24	-23	-21	-18	-14	-13	-10	-13	-13	-12	-16	-16	-16	-19	-21	-20	-13	-6	-1	-4	-8
27	-11	-15	-11	-4	-3	-4	-5	-8	-7	-7	-5	-5	-7	-4	-3	-5	-9	-10	-6	-3	-3	1	3	3
28	4	2	1	2	6	6	8	10	13	16	17	18	17	16	14	14	13	13	13	13	15	16	20	20
29	17	15	14	15	15	14	12	12	13	12	9	8	11	12	12	12	13	12	13	12	14	19	20	16
30	24	32	36	35	31	28	26	24	26	27	28	31	37	38	30	31	39	40	38	38	33	27	24	24
31	26	25	28	20	11	3	7	9	14	8	7	5	3	-3	-15	-23	-27	-28	-30	-29	-33	-37	-30	-24

JUNE 1959

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	-29	-32	-31	-29	-25	-25	-21	-18	-17	-10	-4	-4	-7	-10	-7	-6	-2	-1	-3	-5	-1	-2	-2	-8
2	-9	1	0	1	1	-6	-2	1	-11	-12	-4	-3	-2	-6	-6	-9	-18	-16	-21	-24	-32	-32	-25	-25
3	-22	-23	-23	-30	-21	-14	-17	-15	-13	-7	-10	-17	-18	-16	-17	-27	-32	-35	-33	-33	-29	-26	-18	-5
4	1	-4	-6	-4	-3	-7	-3	-2	3	6	2	-9	-8	-7	-5	-7	-3	-0	-3	-3	-8	-26	-19	-25
5	-39	-26	-16	-18	-20	-20	-17	-14	-14	-14	-10	-6	-5	-1	-4	-9	-16	-14	-14	-18	-18	-14	-7	-5
6	-2	-1	3	6	6	5	6	6	5	10	5	6	4	-3	-5	-5	-6	-10	-17	-10	-4	-4	-13	-13
7	-9	-4	1	5	1	2	4	5	6	4	8	9	10	11	6	2	0	1	-2	-4	-5	-2	3	6
8	11	13	10	11	13	13	14	13	6	6	8	7	5	3	1	-6	-5	-5	-5	-8	-7	-8	-1	3
9	12	12	12	12	8	7	5	7	8	-6	-23	-21	-22	-19	-14	-15	-22	-22	-22	-24	-19	-15	-13	-12
10	-8	-14	-11	-9	-13	-21	-15	-12	-9	-4	-2	-5	-6	-9	-13	-15	-11	-7	-9	-14	-16	-14	-6	-2
11	-6	-7	-5	-3	2	6	7	7	9	30	13	8	3	5	5	-7	-19	-26	-26	-26	-21	-20	-19	-17
12	-17	-16	-13	-9	-7	-4	-4	-5	-5	-6	-7	-7	-4	1	4	7	6	6	3	-3	-3	-3	-2	1
13	1	3	4	4	5	7	9	8	7	8	6	4	5	2	1	-2	0	3	4	5	9	16	21	21
14	21	21	18	16	14	11	17	20	20	19	16	12	6	5	2	-3	-3	-1	-1	-2	-3	3	8	11
15	11	15	15	11	8	8	7	3	0	3	2	1	-4	-3	-1	0	-3	-4	-2	-2	-4	-4	2	4
16	1	-1	0	-3	-6	-7	-4	-1	0	-0	0	1	-1	-5	-11	-14	-16	-13	-6	-1	2	-3	-5	-2
17	-0	1	2	4	8	10	9	9	11	10	11	10	15	20	26	30	30	25	20	13	15	14	9	8
18	5	10	12	10	8	11	16	12	5	4	5	2	-3	-3	-1	0	-3	-4	-6	-7	-8	-4	1	4
19	5	7	11	13	15	15	16	16	13	14	14	13	15	17	16	15	17	14	10	5	1	1	9	9
20	5	12	14	14	17	17	19	20	23	24	23	19	18	22	20	16	16	20	21	10	5	7	9	9
21	12	15	15	14	14	15	15	15	17	16	17	15	15	16	12	9	11	17	14	8	5	3	6	12
22	16	13	15	16	17	18	21	17	19	31	28	17	16	16	18	21	17	20	23	17	17	13	12	10
23	12	12	11	10	11	19	16	19	21	22	21	18	18	22	20	15	13	13	14	1	-14	-26	-31	-34
24	-15	-16	-17	-22	-42	-46	-41	-33	-28	-24	-23	-21	-23	-25	-29	-29	-26	-26	-24	-21	-26	-25	-23	-18
25	-18	-17	-13	-11	-6	-4	-6	-0	3	6	12	14	8	6	3	4	3	4	7	11	9	5	5	2
26	-8	-10	-6	-6	-6	-8	-1	-9	-10	-12	-13	-17	-20	-29	-37	-40	-37	-29	-27	-27	-28	-30	-28	-21
27	-13	-6	-7	-6	-5	-3	-1	5	7	11	15	25	34	28	9	-10	-29	-47	-47	-39	-40	-42	-41	-45
28	-40	-40	-45	-34	-36	-44	-52	-59	-47	-41	-47	-53	-51	-55	-55	-57	-63	-67	-70	-66	-76	-74	-59	-48
29	-37	-36	-35	-36	-32	-26	-38	-32	-36	-23	-46	-53	-44	-51	-67	-78	-82	-70	-83	-89	-78	-83	-77	-75
30	-70	-56	-49	-46	-40	-33	-28	-32	-24	-34	-48	-47	-45	-49	-65	-82	-83	-77	-74	-84	-84	-76	-64	-52

JULY 1959

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	-46	-43	-37	-35	-35	-35	-31	-30	-30	30	-36	-38	-38	-36	-39	-37	-37	-35	-35	-31	-31	-29	-27		
2	-33	-32	-33	-40	-37	43	-42	-32	-32	-31	-31	-30	-32	-33	-35	-39	-43	-38	-32	-31	-31	-31	-29	-25		
3	-19	-13	-7	-6	-9	-9	-10	-10	-8	-8	-8	-4	-1	3	9	8	6	5	2	3	0	3	5	6		
4	5	5	5	8	10	12	14	15	18	16	3	3	10	15	16	13	10	18	18	1	3	-13	-26	-18		
5	-18	-8	-3	-2	-7	-17	-15	-4	1	-7	-7	-8	-15	-13	-11	-11	-10	-14	-19	-21	-12	-12	-11	-8		
6	-6	-5	-3	-1	1	0	-1	0	3	2	2	3	5	2	-3	-2	-3	-3	-4	-9	-12	-13	-14	-10		
7	-2	0	-1	8	11	10	9	9	7	2	-3	-3	-2	-7	-10	-13	-17	-16	-12	-7	-8	-13	-12	-9		
8	-6	-6	-6	-4	-7	-5	-5	-2	-10	-13	-16	-12	-9	-14	-15	-15	-9	-10	-23	-24	-20	-22	-19	-15		
9	-13	-10	-3	-1	-4	-10	-9	-9	-12	-14	-13	-9	-9	-12	-12	-11	-17	-26	-20	-17	-17	-21	-15	-13		
10	-21	-23	-15	-12	-9	-7	-12	-16	-19	-11	-6	-6	-10	-10	-8	-6	-6	-4	-4	-5	-9	-10	-6	-2		
11	-2	-2	-9	-12	-17	-12	-12	-11	-5	-5	-4	-3	0	2	10	13	37	76	64	47	48	44	32	17		
12	-12	-41	-33	-31	-36	-31	-29	-27	-23	-19	-15	-16	-32	-41	-38	-30	-30	-25	-21	-20	-24	-27	-22	-22		
13	-24	-24	-24	-18	-16	-15	-14	-13	-6	-7	-8	-7	-12	-18	-22	-25	-26	-21	-16	-13	-10	-10	-13	-14		
14	-8	-8	-7	-9	-13	-13	-14	-14	-18	-22	-18	-22	-31	-32	-34	-29	-26	-23	-30	-27	-23	-26	-25	-20		
15	-11	-18	-27	-36	-43	-34	-32	-27	1	-96	-98	-122	-114	131	-125	-180	-257	-358	-400	436	-402	-337	-335	-298		
16	-284	-273	-239	-215	-207	-154	-183	-174	-163	-155	-148	-141	-135	-130	-133	-129	-124	-116	-108	-101	-102	-101	-92	-79		
17	-76	-76	-76	-73	-68	-77	-80	-81	-77	-82	-82	-84	-84	-80	-78	-78	-63	-44	-29	-68	-86	-110	-94	-99		
18	-103	-98	-112	-138	-155	-151	-172	-168	-154	-159	152	-142	-139	-136	-125	-99	-79	-83	-106	-117	-125	-120	-107	-110		
19	-94	-90	-88	-86	-81	-80	-77	-71	-68	-66	-68	-67	-67	-74	-74	-77	-81	-72	-70	-68	-70	-68	-62	-61		
20	-59	-55	-51	-46	-46	-46	-43	-44	-43	-45	-45	-44	-38	-37	-38	-38	-38	-46	-44	-40	-41	-46	-47	-50		
21	-50	-43	-41	-35	-32	-34	-34	-29	-23	-21	-21	-23	-27	-35	-44	-38	-30	-24	-28	-31	-35	-34	-37	-35		
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23	-29	-33	-35	-33	-32	-33	-34	-35	-31	28	-26	-23	-24	-29	-28	-28	-29	-28	-25	-26	-36	-45	-37	-32		
24	-27	-19	-20	-16	-14	-16	-17	-24	-24	-15	-5	-13	-11	-8	-11	-12	-14	-19	-38	-38	-52	-42	-38	-50		
25	-42	-32	-28	-35	-31	-29	-29	-32	-33	-44	-42	-44	-43	-44	-50	-41	-35	-34	-51	-59	-58	-60	-57	-53		
26	-48	-48	-46	-41	-37	-39	-36	-28	-29	34	-29	-25	-34	-36	-39	-36	-33	-35	-39	-47	-42	-62	-62	-49		
27	-53	-51	-36	-38	-41	-39	-39	-40	-39	-37	-36	-34	-35	-40	-38	-34	-31	-36	-41	-36	-36	-35	-36	-38		
28	-35	-30	-33	-36	-32	-29	-29	-28	-27	-24	-19	-21	-25	-30	-34	-31	-31	-32	-34	-30	-29	-33	-31	-29		
29	-28	-28	-26	-25	-27	-27	-25	-26	-27	-29	-28	-25	-23	-18	-16	-17	-16	-17	-17	-20	-24	-27	-28	-28		
30	-25	-27	-23	-20	-17	-16	-16	-16	-15	-13	-11	-11	-10	-11	-11	-10	-7	-9	-12	-9	-1	4	3	-3		
31	-4	-5	-4	-11	-8	-9	-17	-27	-28	-21	-17	-17	-18	-26	-25	-22	-24	-28	-32	-28	-22	-22	-38	-37		

AUGUST 1959

DAY	UNIT=CANMAS																						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	-28	-24	-28	-33	-29	-25	-30	-29	-28	-23	-18	-19	-16	-20	-17	-9	-11	-22	-24	-21	-15	-17	-23	-28
2	-39	-42	-37	-48	-50	-41	-36	-37	-37	-32	-28	-28	-25	-23	-27	-31	-36	-39	-36	-25	-21	-25	-25	-24
3	-24	-22	-24	-32	-35	-27	-27	-21	-26	-25	-22	-27	-39	-42	-40	-33	-26	-25	-26	-29	-38	-37	-34	-32
4	-35	-34	-32	-30	-27	-26	-23	-18	-18	-17	-26	-25	-27	-30	-30	-29	-22	-26	-23	-24	-31	-33	-38	-35
5	-30	-26	-25	-26	-27	-22	-23	-22	-21	-19	-16	-21	-24	-27	-30	-33	-30	-25	-27	-25	-25	-27	-28	-25
6	-26	-27	-27	-16	-15	-21	-16	-12	-9	-8	-1	-1	-12	-16	-16	-9	-18	-40	-58	-54	-41	-38	-43	-42
7	-43	-41	-33	-26	-26	-28	-23	-24	-20	-13	-11	-6	-23	-27	-27	-30	-38	-38	-35	-32	-23	-22	-22	-31
8	-36	-34	-28	-20	-16	-13	-13	-19	-19	-22	-23	-19	-14	-15	-14	-19	-13	-15	-17	-17	-14	-15	-20	-36
9	-46	-45	-30	-26	-20	-14	-10	-14	-15	-12	-15	-20	-29	-38	-42	-45	-44	-52	-60	-65	-67	-63	-58	-54
10	-49	-45	-44	-45	-36	-33	-30	-29	-26	-23	-18	-14	-26	-16	-17	-18	-19	-23	-23	-32	-33	-30	-27	-26
11	-31	-33	-35	-33	-31	-26	-18	-13	-13	-9	-5	-2	-4	-6	-5	-12	-18	-12	-10	-12	-14	-18	-24	-21
12	-16	-18	-16	-16	-16	-12	-9	-11	-8	-10	-9	-11	-12	-13	-9	-6	-8	-11	-11	-7	-9	-11	-13	-16
13	-17	-15	-13	-5	-7	-10	-11	-10	-9	-8	-4	-1	2	2	-2	-5	-10	-11	-7	-6	-11	-10	-8	-3
14	-3	-1	1	-3	-8	-4	-1	2	6	2	-2	2	3	5	2	3	8	9	7	5	6	7	7	2
15	-5	-3	-2	3	8	9	13	13	13	0	0	4	5	1	4	-8	-10	-8	-8	-8	-7	-17	-36	-34
16	-39	-32	-22	-15	7	5	-7	-43	-87	-104	-60	-91	-126	-108	-97	-113	-142	-158	-163	-172	-170	-168	-166	-175
17	-165	-165	-167	-150	-146	-170	-146	-144	-157	-155	-132	-128	-131	-116	-138	-146	-149	-136	-115	-100	-112	-105	-103	-95
18	-91	-84	-78	-70	-65	-73	-78	-61	-71	-70	-70	-73	-80	-79	-83	-85	-83	-76	-75	-66	-67	-71	-66	-60
19	-59	-56	-56	-54	-55	-66	-75	-82	-71	-66	-62	-63	-62	-61	-58	-51	-46	-47	-61	-64	-55	-51	-50	-48
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21	-44	-51	-41	-29	-35	-34	-35	-38	-38	-35	-31	-35	-39	-43	-52	-58	-59	-63	-49	-49	-41	-43	-55	-55
22	-51	-56	-49	-36	-36	-34	-34	-40	-44	-37	-38	-44	-47	-43	-37	-35	-36	-43	-37	-27	-29	-32	-42	-37
23	-34	-32	-30	-30	-29	-32	-45	-41	-38	-32	-33	-33	-46	-50	-50	-50	-45	-49	-54	-47	-38	-34	-39	-39
24	-34	-41	-39	-36	-33	-34	-36	-34	-36	-45	-43	-37	-35	-40	-41	-48	-45	-41	-33	-28	-28	-35	-37	-40
25	-37	-31	-31	-30	-30	-27	-27	-21	-18	-21	-21	-25	-29	-27	-25	-30	-25	-21	-21	-27	-26	-24	-27	-30
26	-26	-27	-26	-23	-18	-17	-19	-19	-15	-13	-15	-14	-15	-19	-21	-22	-23	-21	-22	-19	-17	-17	-18	-20
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28	-17	-18	-17	-13	-10	-11	-13	-14	-13	-11	-9	-11	-11	-9	-7	-6	-5	-6	-7	-5	-4	-2	-1	2
29	6	7	2	-7	-8	-11	-14	-16	-21	-15	-12	-14	-20	-23	-26	-20	-7	-14	-19	-21	-19	-18	-14	-13
30	-12	-16	-15	-13	-11	-10	-14	-16	-17	-16	-23	-34	-42	-43	-42	-35	-34	-34	-40	-40	-39	-31	-26	-22
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SEPTEMBER 1959

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	
CAY																									
1	-40	-33	-35	-38	-35	-37	-38	-44	-45	-42	-47	-38	-35	-37	-38	-37	-41	-42	-49	-60	-70	-63	-56	-42	
2	-41	-53	-62	-64	-56	-59	-48	-40	-43	-50	-67	-59	-57	-60	-61	-63	-59	-59	-66	-76	-82	-82	-75	-68	
3	-55	-45	-40	-39	-36	-37	-41	-38	-36	-41	-43	-43	-44	-41	-32	-31	-39	-46	-53	-51	-42	-40	-46	-104	
4	-126	-109	-125	-143	-142	-136	-139	-151	-130	-119	-123	-111	-109	-107	-114	-127	-122	-113	-111	-126	-134	-124	-126	-110	
5	-106	-103	-90	-83	-80	-84	-78	-71	-62	-60	-59	-61	-69	-73	-67	-65	-64	-66	-75	-78	-59	-48	-57	-75	
6	-82	-81	-68	-62	-62	-58	-57	-51	-48	-46	-46	-45	-46	-51	-45	-40	-43	-40	-39	-40	-39	-36	-35	-37	
7	-39	-40	-37	-34	-33	-34	-32	-30	-26	-29	-30	-30	-31	-28	-25	-25	-27	-34	-30	-27	-22	-18	-19	-19	
8	-21	-20	-18	-16	-17	-17	-22	-27	-24	-28	-21	-23	-29	-31	-31	-33	-31	-18	-17	-24	-29	-34	-31	-21	
9	-21	-18	-14	-17	-18	-15	-14	-15	-16	-16	-19	-16	-18	-21	-23	-26	-24	-22	-19	-17	-16	-14	-14	-13	
10	-13	-13	-12	-11	-8	-8	-10	-10	-6	-6	-2	1	4	5	5	8	6	0	-7	-5	-1	1	-4	-10	
11	-5	-6	-7	-7	-13	-12	-13	-15	-16	-16	-22	-19	-24	-20	-18	-20	-21	-21	-15	-16	-21	-19	-14	-16	
12	-30	-31	-30	-22	-20	-20	-22	-20	-18	-14	-20	-22	-23	-21	-17	-21	-22	-17	-19	-27	-22	-16	-14	-13	
13	-12	-10	-6	-6	-8	-8	-8	-7	-2	-2	-3	-10	-12	-9	-4	-3	-2	-6	-9	-8	-5	-8	-19	-38	
14	-31	-25	-24	-21	-24	-38	-32	-36	-36	-33	-31	-33	-40	-35	-29	-20	-18	-24	-24	-22	-19	-20	-15	-16	
15	-14	-10	-7	-7	-8	-8	-14	-21	-19	-15	-13	-20	-24	-15	-6	-3	-7	-17	-16	-18	-24	-24	-11	-10	
16	-9	-17	-40	-43	-34	-27	-27	-24	-22	-22	-26	-30	-28	-24	-23	-28	-27	-29	-34	-30	-21	-13	-8	-5	
17	-3	2	4	4	-1	-2	-3	-5	-3	-3	-12	-22	-29	-21	-14	-17	-8	-3	-5	-14	-34	-57	-35	-24	
18	-16	-12	-9	-15	-17	-16	-13	-20	-17	-14	-13	-17	-20	-17	-16	-16	-15	-14	-28	-30	-21	-10	-8	-23	
19	-55	-56	-51	-43	-38	-41	-40	-35	-35	-34	-31	-14	-24	-23	-19	-19	-23	-24	-20	-14	-9	-4	7	3	
20	-5	-9	-7	-3	-28	-28	-26	-33	-25	-29	-28	-26	-40	-52	-42	-49	-55	-75	-83	-85	-70	-76	-79	-89	
21	-93	-61	-67	-69	-67	-66	-73	-90	-68	-65	-64	-61	-67	-78	-68	-66	-76	-73	-74	-64	-67	-68	-60	-56	
22	-45	-37	-35	-45	-66	-82	-101	-87	-100	-105	-92	-90	-91	-89	-83	-70	-60	-50	-53	-51	-58	-65	-60	-57	
23	-53	-50	-49	-44	-41	-42	-43	-47	-45	-44	-47	-49	-46	-45	-46	-52	-55	-48	-50	-64	-78	-78	-84	-72	
24	-69	-63	-57	-58	-56	-50	-55	-55	-53	-52	-51	-44	-50	-59	-63	-58	-60	-55	-58	-59	-59	-59	-52	-49	
25	-56	-59	-64	-59	-65	-64	-62	-65	-63	-62	-56	-63	-55	-47	-50	-59	-60	-59	-65	-73	-85	-77	-71	-70	
26	-64	-65	-63	-60	-58	-53	-51	-50	-50	-51	-51	-47	-43	-43	-39	-37	-40	-46	-41	-47	-46	-53	-48	-37	
27	-45	-48	-46	-43	-38	-44	-48	-42	-43	-41	-36	-38	-41	-45	-51	-53	-54	-47	-41	-46	-49	-44	-48	-42	
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29	-47	-47	-40	-35	-34	-33	-30	-28	-25	-28	-29	-26	-24	-22	-20	-22	-20	-22	-21	-20	-21	-22	-19	-19	
30	-16	-17	-19	-18	-18	-18	-20	-23	-23	-18	-25	-30	-20	-18	-26	-33	-31	-35	-31	-36	-40	-41	-41	-39	

OCTOBER 1959

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	-32	-33	-39	-47	-55	-61	-74	-64	-62	-54	-69	-78	-84	-77	-73	-78	-71	-71	-72	-74	-81	-80	-63	-47
2	-45	-51	-50	-48	-55	-63	-52	-50	-41	-34	-34	-41	-40	-36	-30	-27	-23	-24	-19	-19	-17	-16	-17	-14
3	-15	-18	-21	-22	-21	-30	-42	-48	-42	-43	-42	-41	-46	-52	-60	-62	-71	-72	-76	-83	-84	-113	-109	-88
4	-102	-112	-111	-104	-86	-90	-85	-88	-80	-82	-80	-76	-79	-74	-59	-56	-56	-57	-54	-57	-75	-69	-60	-66
5	-64	-57	-57	-67	-69	-66	-58	-53	-53	-50	-48	-54	-62	-60	-56	-53	-45	-54	-63	-59	-61	-69	-68	-66
6	-75	-65	-59	-53	-53	-75	-70	-82	-76	-76	-90	-82	-74	-70	-71	-72	-73	-64	-58	-58	-68	-60	-57	-54
7	-50	-45	-46	-49	-51	-42	-35	-36	-39	-40	-39	-36	-36	-41	-33	-28	-23	-19	-17	-24	-26	-20	-20	-29
8	-32	-29	-30	-29	-29	-26	-25	-22	-25	-28	-30	-28	-25	-26	-31	-31	-23	-21	-19	-18	-18	-21	-23	-24
9	-23	-20	-19	-21	-18	-14	-17	-17	-19	-21	-22	-21	-21	-23	-22	-22	-19	-18	-16	-18	-15	-9	-7	-7
10	-10	-14	-17	-14	-18	-16	-15	-14	-10	-8	-7	-4	1	1	1	0	1	0	-1	-0	1	0	1	-0
11	-1	0	-2	-4	-5	-4	-4	-3	-0	-1	-2	-3	-2	-1	1	1	1	-3	-5	-5	-6	-3	-3	-3
12	-1	-1	-1	0	3	6	7	6	8	10	12	12	10	8	7	3	-2	-3	2	2	-7	-5	-1	3
13	11	5	6	7	7	6	5	7	8	11	12	17	16	9	6	8	11	11	13	12	11	12	10	5
14	3	1	1	2	6	9	9	10	14	8	1	-6	4	1	-1	0	-2	-5	-17	-19	-18	-16	-9	-13
15	-16	-14	-11	-7	-10	-10	-14	-13	-19	-15	-8	-10	-9	-7	-5	-7	-2	-1	-4	-8	-7	-9	-15	-11
16	-12	-15	-13	-11	-8	-6	-3	-3	-2	-3	-4	-5	-5	-4	-1	1	-1	-0	3	2	1	6	8	11
17	16	19	20	22	23	21	21	16	15	18	8	12	13	13	14	11	9	8	1	-1	-3	-9	-9	-11
18	-16	-23	-40	-33	-36	-35	-36	-22	-26	-25	-33	-30	-21	-24	-35	-38	-44	-36	-28	-22	-24	-30	-30	-34
19	-29	-22	-25	-31	-29	-27	-27	-30	-30	-30	-27	-24	-25	-22	-18	-17	-16	-13	-15	-9	-7	-10	-7	-11
20	-11	-8	-7	-7	-8	-11	-15	-12	-17	-18	-17	-21	-24	-25	-26	-23	-18	-16	-13	-10	-9	-9	-8	-8
21	-10	-9	-8	-7	-6	-2	1	-1	-3	1	4	3	-2	-4	-0	3	-5	-6	-1	2	5	4	-11	-10
22	-9	1	-6	-6	1	-6	-19	-17	-19	-18	-25	-30	-37	-47	-49	-55	-48	-43	-37	-34	-40	-46	-48	-47
23	-46	-46	-48	-45	-40	-35	-30	-31	-37	-36	-29	-28	-22	-18	-19	-20	-23	-23	-22	-19	-17	-18	-18	-20
24	-22	-21	-20	-18	-16	-12	-7	-7	-9	-10	-11	-12	-12	-7	-12	-11	-12	-11	-11	-10	-9	-14	-17	-20
25	-17	-19	-28	-33	-35	-29	-32	-39	-36	-25	-19	-19	-23	-22	-22	-28	-35	-30	-25	-23	-20	-20	-19	-34
26	-36	-39	-33	-29	-26	-27	-38	-38	-34	-25	-20	-15	-14	-22	-30	-36	-43	-47	-38	-48	-46	-41	-33	-32
27	-33	-36	-36	-34	-33	-27	-24	-33	-40	-39	-33	-31	-31	-34	-35	-34	-32	-30	-25	-19	-18	-18	-19	-12
28	-10	-10	-11	-10	-10	-9	-7	-8	-6	-4	-6	-7	-7	-6	-4	-4	-8	-5	-1	1	3	2	3	2
29	2	3	2	-1	-3	-3	-3	-3	1	4	5	6	4	1	4	4	7	9	12	13	9	5	10	20
30	38	17	-13	-9	6	3	-10	-12	-4	7	14	15	20	15	8	5	6	16	8	-5	-29	-39	-45	-50
31	-37	-26	-30	-32	-35	-39	-39	-35	-38	-48	-44	-45	-43	-43	-43	-51	-65	-62	-69	-57	-73	-73	-83	-77

NOVEMBER 1959

DAY	UNIT=CAMMAS																						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	-62	-58	-60	-54	-58	-69	-71	-62	-55	-57	-72	-77	-83	-85	-81	-81	-84	-83	-73	-77	-76	-72	-72	-76
2	-74	-76	-70	-72	-80	-83	-80	-83	-78	-73	-60	-59	-55	-63	-66	-56	-70	-80	-92	-80	-67	-73	-69	-77
3	-60	-67	-62	-60	-63	-67	-65	-65	-66	-62	-57	-50	-50	-58	-62	-69	-68	-64	-67	-68	-72	-62	-62	-59
4	-54	-52	-49	-48	-47	-51	-53	-52	-44	-44	-39	-45	-54	-60	-59	-66	-68	-68	-53	-55	-66	-68	-61	-59
5	-52	-58	-61	-56	-55	-58	-63	-64	-67	-62	-59	-63	-60	-55	-53	-49	-45	-39	-37	-33	-25	-22	-18	-18
6	-24	-32	-45	-47	-44	-44	-47	-50	-43	-38	-35	-32	-34	-40	-39	-40	-47	-49	-41	-31	-36	-39	-32	-30
7	-28	-27	-28	-29	-27	-25	-23	-23	-22	-22	-22	-23	-24	-24	-26	-31	-32	-28	-32	-30	-23	-23	-11	-8
8	-8	-8	-11	-14	-21	-27	-24	-19	-24	-25	-20	-20	-21	-23	-23	-18	-20	-23	-36	-36	-30	-20	-17	-14
9	-16	-17	-16	-3	3	0	-4	-7	-4	-0	1	0	-1	1	5	3	-5	-19	-17	-11	-12	-18	-17	-13
10	-16	-20	-18	-14	-12	-10	-12	-12	-6	-3	-7	-8	-7	-5	-4	-3	-4	-5	-4	-7	-3	-7	-11	-8
11	-13	-17	-15	-11	-11	-9	-11	-13	-14	-17	-18	-18	-16	-14	-12	-10	-10	-10	-11	-11	-9	-7	-11	-8
12	-7	-7	-9	-9	-10	-8	-9	-10	-10	-10	-10	-9	-7	-2	2	6	7	4	1	-6	-6	-4	-4	-9
13	-12	-10	-8	-7	-7	-10	-18	-20	-13	-11	-6	0	8	13	13	10	15	15	9	12	11	9	-1	-1
14	4	-1	-16	-29	-15	-11	-18	-22	-14	-14	-16	-22	-27	-20	-28	-39	-43	-37	-36	-33	-33	-29	-32	-26
15	-23	-24	-28	-24	-20	-19	-19	-18	-14	-15	-17	-18	-20	-21	-20	-21	-22	-21	-16	-13	-11	-13	-12	-9
16	-6	-5	-5	-5	-6	-4	-2	1	3	0	-0	-4	-8	-6	-10	-8	-12	-26	-27	-28	-34	-37	-31	-22
17	-17	-17	-21	-16	-20	-25	-21	-17	-17	-22	-27	-37	-32	-29	-28	-26	-26	-25	-23	-21	-20	-17	-16	-18
18	-20	-26	-28	-28	-31	-29	-25	-27	-28	-27	-27	-25	-20	-19	-32	-22	-15	-11	-37	-32	-28	-26	-22	-21
19	-20	-17	-13	-14	-19	-23	-23	-25	-30	-31	-28	-22	-28	-28	-28	-28	-33	-26	-21	-18	-18	-18	-15	-17
20	-18	-22	-25	-20	-17	-20	-21	-18	-13	-11	-9	-3	-9	-11	-11	-11	-11	-10	-9	-9	-9	-8	-7	-6
21	-3	-1	-2	-6	-12	-13	-13	-8	-11	-9	-10	-10	-18	-33	-45	-54	-62	-56	-46	-42	-41	-46	-51	-54
22	-52	-48	-46	-41	-21	-19	-19	-23	-24	-27	-30	-23	-23	-16	-11	-5	-4	-9	-24	-27	-26	-21	-15	-19
23	-38	-60	-71	-80	-77	-80	-89	-76	-75	-68	-59	-67	-73	-70	-64	-66	-65	-64	-61	-54	-39	-33	-29	-27
24	-26	-27	-30	-30	-33	-35	-31	-27	-24	-21	-20	-19	-17	-20	-22	-23	-25	-21	-20	-22	-24	-22	-19	-16
25	-19	-20	-18	-15	-16	-15	-16	-15	-17	-22	-24	-27	-29	-30	-34	-29	-29	-28	-28	-30	-31	-32	-30	-23
26	-20	-18	-20	-19	-18	-16	-17	-13	-6	-7	-15	-18	-25	-17	-18	-17	-19	-10	-8	6	10	6	-12	-19
27	-24	-23	-25	-22	-21	-22	-28	-33	-26	-21	-20	-24	-26	-26	-22	-16	-12	-13	-17	-22	-15	-14	-17	-14
28	13	2	7	-55	-133	-160	-126	-96	-86	-97	-79	-126	-87	-85	-88	-83	-75	-70	-77	-91	-92	-85	-89	-85
29	-83	-86	-81	-76	-74	-76	-79	-79	-75	-73	-77	-76	-72	-70	-63	-62	-67	-65	-63	-61	-59	-48	-48	-48
30	-48	-52	-53	-51	-46	-40	-36	-32	-33	-22	-22	-32	-52	-69	-75	-81	-96	-94	-76	-73	-64	-61	-62	-52

DECEMBER 1959

DAY	UNIT=CANMAS																						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	-53	-51	-50	-55	-73	-69	-68	-64	-53	-56	-55	-58	-58	-61	-65	-66	-64	-60	-52	-49	-50	-45	-39	-36
2	-42	-46	-42	-44	-45	-46	-47	-39	-40	-44	-43	-36	-46	-52	-61	-62	-53	-49	-53	-69	-67	-60	-42	-43
3	-56	-57	-53	-45	-53	-60	-67	-57	-53	-46	-47	-67	-70	-67	-57	-69	-61	-60	-46	-52	-72	-86	-78	-60
4	-55	-52	-55	-50	-51	-40	-39	-43	-38	-30	-32	-31	-28	-27	-26	-21	-24	-28	-30	-31	-32	-33	-28	-27
5	-26	-27	-30	-30	-29	-27	-25	-6	-19	-21	-7	-19	-24	-44	-83	-94	-124	-143	-153	-170	-148	-117	-93	-90
6	-89	-85	-83	-81	-74	-74	-80	-83	-72	-60	-59	-53	-54	-62	-63	-57	-54	-60	-63	-57	-46	-35	-31	-42
7	-49	-57	-59	-53	-51	-45	-43	-42	-40	-40	-42	-44	-44	-44	-40	-36	-39	-37	-37	-40	-41	-38	-37	-35
8	-39	-38	-35	-33	-31	-26	-25	-25	-24	-30	-36	-32	-27	-27	-27	-25	-21	-26	-22	-22	-29	-30	-29	-22
9	-16	-15	-13	-11	-8	-10	-19	-13	-6	-0	-2	-8	-11	-20	-17	-14	-15	-17	-9	-5	-3	-3	-5	-0
10	0	1	-2	-1	-1	1	-1	-3	-3	-7	-8	-4	-2	-1	-0	-1	-7	-9	-6	-10	-11	-6	-2	-1
11	-1	-1	-1	-4	-6	-10	-9	-2	-0	-2	-0	1	-4	-9	-6	-4	-7	-3	-2	-5	-1	1	2	2
12	6	9	-2	-12	-6	-5	-12	-8	-11	-10	-7	-1	-3	-5	-6	-2	-4	-6	-10	-7	-8	-27	-46	-45
13	-40	-36	-32	-36	-24	-24	-24	-20	-21	-17	-13	-14	-15	-11	-13	-14	-11	-19	-14	-0	4	-16	-29	-30
14	-28	-42	-50	-47	-47	-47	-54	-64	-64	-43	-51	-43	-44	-47	-54	-59	-67	-67	-65	-57	-48	-50	-47	-40
15	-36	-34	-26	-30	-38	-44	-38	-41	-47	-46	-44	-36	-35	-35	-35	-41	-46	-52	-54	-40	-33	-21	-25	-25
16	-25	-27	-28	-30	-28	-26	-27	-25	-28	-23	-22	-29	-25	-25	-33	-34	-42	-37	-39	-42	-43	-37	-27	-30
17	-38	-32	-27	-26	-32	-32	-31	-28	-29	-29	-25	-20	-18	-23	-21	-16	-15	-16	-18	-23	-23	-16	-13	-13
18	-12	-10	-9	-11	-11	-9	-11	-8	-4	-6	-9	-10	-15	-18	-18	-14	-11	-8	-7	-8	-8	-10	-7	-11
19	-6	-7	-12	-22	-28	-28	-26	-25	-26	-26	-29	-26	-27	-29	-38	-49	-47	-43	-46	-42	-32	-22	-15	-16
20	-22	-16	-12	-13	-18	-18	-13	-15	-16	-16	-17	-13	-13	-15	-16	-13	-16	-28	-34	-30	-23	-22	-15	-15
21	-17	-12	-9	-8	-10	-9	-8	-9	-12	-9	-8	-6	-5	-7	-7	-3	1	3	5	6	2	2	2	-1
22	-5	-5	-4	-0	4	8	10	12	14	14	15	16	18	19	15	11	10	6	10	15	16	13	2	-4
23	1	0	9	10	8	-1	-23	-18	-9	-8	-7	-8	-12	-8	-13	-12	-30	-33	-31	-39	-31	-25	-26	-52
24	-55	-46	-37	-35	-35	-33	-30	-34	-28	-27	-33	-27	-29	-35	-31	-27	-21	-19	-15	-16	-10	-1	8	2
25	-6	-12	-13	-15	-15	-10	-6	-7	-13	-17	-22	-17	-17	-18	-18	-20	-15	-13	-20	-19	-17	-11	-7	-6
26	-5	-4	1	-7	-1	-9	-21	-27	-25	-26	-26	-29	-21	-19	-19	-34	-41	-39	-34	-21	-13	-13	-19	-25
27	-18	-18	-25	-27	-23	-27	-31	-34	-37	-31	-37	-44	-33	-46	-55	-54	-61	-52	-52	-55	-52	-44	-40	-33
28	-35	-40	-45	-42	-37	-41	-43	-45	-34	-35	-34	-41	-37	-39	-35	-38	-48	-49	-56	-60	-55	-46	-42	-45
29	-45	-38	-36	-42	-45	-45	-43	-39	-39	-42	-44	-35	-43	-44	-44	-35	-33	-31	-30	-26	-19	-15	-17	-16
30	-16	-17	-16	-21	-27	-25	-25	-30	-29	-34	-29	-20	-31	-34	-31	-27	-30	-32	-38	-33	-29	-20	-16	-13
31	-13	-13	-13	-16	-18	-19	-24	-30	-30	-32	-27	-26	-25	-20	-13	-10	-9	-8	-10	-14	-14	-7	-2	0

DAILY MEANS OF EQUATORIAL DST FOR 1959

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
DAY												
1	21	-12	-60	-48	-29	-12	-35	-22	-43	-64	-71	-56
2	26	-23	-48	-34	-14	-11	-34	-33	-60	-35	-72	-49
3	14	-23	-38	-32	3	-21	-3	-30	-44	-54	-63	-60
4	10	-37	-36	-21	6	-6	7	-27	-124	-78	-55	-35
5	-17	-34	-34	-9	-35	-14	-11	-25	-72	-59	-49	-65
6	-45	-30	-23	-2	-2	-1	-3	-24	-49	-68	-39	-63
7	-34	-19	-21	-9	12	2	-3	-27	-29	-34	-25	-43
8	-29	-4	-25	-38	-14	4	-12	-20	-24	-26	-21	-28
9	-42	-39	-13	-48	-9	-8	-12	-37	-18	-18	-7	-10
10	-81	-17	7	-66	-3	-10	-10	-28	-4	-6	-9	-4
11	-53	-23	18	-52	-1	-4	12	-17	-16	-2	-12	-3
12	-23	-29	-3	-30	-31	-4	-27	-12	-21	3	-5	-10
13	-11	-24	-5	-12	-45	6	-16	-8	-9	9	-0	-20
14	6	-37	-3	-0	-27	9	-21	2	-27	-2	-23	-51
15	-12	-46	8	-11	-30	3	-163	-3	-14	-10	-18	-38
16	-8	-47	14	-4	-58	-4	-155	-94	-25	-3	-12	-31
17	-19	-73	8	-4	-24	13	-77	-136	-13	10	-22	-24
18	-12	-31	12	4	-28	3	-127	-74	-17	-30	-25	-10
19	-9	-30	19	5	-24	12	-74	-59	-27	-21	-23	-28
20	0	-7	13	10	-19	16	-45	-17	-43	-14	-13	-18
21	7	-4	11	-7	-18	13	-33	-44	-70	-3	-27	-5
22	20	5	15	2	-18	18	-20	-39	-70	-28	-24	9
23	23	-18	13	-15	-17	8	-31	-40	-53	-29	-62	-15
24	16	-2	7	-63	-34	-26	-23	-37	-56	-13	-24	-26
25	12	-53	-14	-37	-50	1	-42	-26	-63	-26	-24	-14
26	-30	-83	-66	-28	-15	-19	-40	-20	-49	-33	-13	-20
27	-14	-48	-194	-34	-5	-10	-38	-19	-45	-29	-21	-39
28	-12	-58	-135	-33	12	-53	-30	-9	-38	-5	-81	-43
29	-2		-115	-43	13	-55	-24	-13	-27	5	-69	-35
30	-9		-64	-43	31	-56	-12	-26	-27	-2	-55	-26
31	-13		-45		-5		-20	-26		-49		-16
MEAN	-10	-30	-26	-23	-15	-7	-36	-32	-39	-23	-32	-28

ANNUAL MEAN

-25

JANUARY 1960

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	-3	-4	-4	-6	-5	-5	-8	-10	-4	1	1	-5	-7	-8	-10	-12	-11	-9	-10	-11	-12	-10	-6	
2	-5	-6	-6	-9	-10	-5	-4	-4	-4	-3	-4	-5	-7	-11	-12	-3	-4	-2	-4	-6	-6	-11	-16	-19	
3	-20	-18	-16	-13	-13	-11	-7	-9	-9	-9	-4	2	2	-1	-8	-12	-13	-8	-7	-5	-3	-0	-3	-2	
4	-5	-6	-10	-8	-10	-11	-10	-12	-4	-5	-8	2	13	10	12	13	10	13	18	15	13	7	5	8	
5	9	6	16	-12	-24	-23	-27	-30	-25	-29	-23	-27	-48	-48	-46	-46	-39	-33	-27	-18	-13	-9	-12	-24	
6	-26	-31	-29	-28	-27	-26	-30	-26	-19	-9	-8	-9	-12	-15	-17	-21	-23	-23	-25	-23	-26	-25	-24	-20	
7	-20	-23	-21	-20	-15	-12	-17	-25	-18	-11	-7	-6	-1	-1	-2	-6	-10	-15	-16	-13	-13	-15	-16	-11	
8	-7	-12	-14	-17	-13	-9	-12	-8	-2	5	5	5	3	6	9	8	8	3	0	-2	-4	-6	-8	-4	
9	-3	-6	-8	-9	-5	-6	-6	-3	5	9	8	8	8	10	14	16	10	11	13	13	14	14	10	13	
10	15	17	17	18	27	30	43	34	3	-11	-18	-24	-37	-38	-48	-55	-62	-56	-43	-45	-57	-69	-71	-65	
11	-60	-61	-56	-52	-52	-52	-51	-44	-31	-23	-25	-22	-26	-35	-38	-33	-32	-34	-31	-32	-35	-35	-30	-27	
12	-26	-30	-34	-36	-35	-32	-32	-27	-16	-14	-14	-22	-24	-30	-31	-32	-34	-27	-20	-19	-28	-25	-24	-24	
13	-25	-30	-33	-32	-29	-28	-30	-30	-26	-26	-25	-24	-26	-25	-23	-23	-24	-22	-17	8	-5	-13	-7	2	
14	1	-8	-29	-33	-29	-26	-35	-30	-3	-9	-16	-21	-19	-7	-5	-11	-15	0	15	-18	-55	-78	-96	-115	
15	-113	-93	-112	-107	-98	-91	-82	-72	-70	-66	-59	-57	-51	-42	-43	-51	-51	-49	-47	-50	-48	-46	-39	-38	
16	-39	-41	-45	-46	-42	-41	-41	-39	-35	-33	-34	-35	-35	-35	-33	-29	-30	-27	-23	-24	-28	-20	-23	-33	
17	-32	-32	-35	-33	-31	-30	-28	-28	-26	-22	-15	-9	6	21	4	2	-7	3	12	17	20	23	28	28	
18	22	8	9	9	11	12	11	22	-1	-23	-36	-45	-27	-10	-9	-20	-26	-21	-13	-13	-12	-20	-27	-28	
19	-28	-31	-34	-34	-31	-30	-31	-25	-21	-14	-14	-20	-19	-18	-19	-13	-17	-10	-6	-3	-2	-2	10	11	
20	9	6	6	17	17	-0	-2	-1	2	3	7	12	1	-3	1	-16	-18	-18	-14	-7	-8	-8	-7	3	
21	10	-26	-42	-38	-38	-33	-32	-39	-34	-17	-11	-19	-25	-36	-33	-39	-53	-69	-63	-57	-44	-44	-55	-53	
22	-53	-53	-45	-44	-46	-44	-44	-43	-34	-28	-27	-33	-33	-37	-34	-34	-38	-32	-21	-18	-15	-17	-24	-27	
23	-30	-30	-29	-31	-31	-32	-32	-25	-20	-19	-19	-22	-27	-31	-27	-26	-23	-26	-24	-24	-33	-33	-36	-36	
24	-34	-34	-38	-34	-31	-30	-28	-24	-19	-12	-11	-6	-8	-13	-18	-19	-25	-23	-19	-17	-18	-20	-19	-17	
25	-18	-22	-21	-23	-20	-20	-21	-20	-16	-11	-12	-12	-10	-10	-10	-8	-8	-13	-16	-10	-6	-1	1	-3	
26	-5	-6	-9	-11	-9	-12	-15	-14	-10	-9	-7	-6	-8	-11	-8	-10	-9	-11	-7	-4	-3	-5	-8	-9	
27	-8	-9	-14	-17	-17	-11	-13	-16	-13	-9	-6	-5	-5	-1	-1	-1	-4	-6	-3	-1	1	4	4	0	
28	1	2	1	-2	-5	-5	-6	-10	-10	-6	-6	-4	-2	0	-1	-5	-8	-3	2	11	14	13	16	12	
29	-11	11	25	15	4	2	-2	1	4	5	6	3	11	19	9	1	-5	-8	-5	4	13	15	10	10	
30	12	11	9	9	7	8	6	5	9	8	-3	3	5	7	8	9	9	10	10	10	10	12	13	11	8
31	7	8	15	18	17	18	14	14	17	16	14	19	25	24	20	17	17	17	13	16	15	18	22	23	

FEBRUARY 1960

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
DAY																									
1	22	20	21	19	19	19	17	11	12	10	5	-5	-5	-3	-2	-2	-4	-1	5	14	21	24	19	19	
2	14	5	6	4	3	12	14	12	17	16	12	9	20	22	10	5	-0	-16	-33	-50	-42	-34	-38	-39	
3	-35	-32	-31	-32	-28	-22	-19	-18	-22	-24	-31	-28	-29	-25	-20	-31	-31	-34	-34	-23	-27	-28	-30	-35	
4	-39	-35	-33	-32	-29	-30	-19	-21	-21	-29	-32	-28	-22	-22	-24	-24	-15	-23	-29	-26	-17	-21	-23	-18	
5	-20	-19	-20	-18	-18	-15	-7	-2	-2	-0	8	-7	-9	-5	-8	-23	-40	-36	-30	-29	-29	-27	-30	-41	
6	-44	-48	-36	-32	-36	-36	-40	-40	-42	-41	-36	-37	-29	-28	-26	-25	-26	-34	-28	-19	-14	-11	-2	2	
7	-5	-8	-7	-6	-9	-15	-11	-12	-9	-1	1	-2	-5	-6	-6	-4	-3	-3	-4	-1	0	4	9	7	
8	5	4	5	6	8	11	8	6	1	-9	-12	-8	-3	2	2	-2	-11	-11	-12	-7	-1	-1	-1	3	
9	-3	-9	-10	-6	-3	-1	-0	-0	3	5	6	9	16	15	11	12	17	19	19	15	16	18	15	17	
10	23	22	21	17	16	11	12	12	8	9	8	10	8	10	13	13	10	7	6	8	9	13	13	13	
11	12	14	13	11	13	17	20	20	20	17	13	7	10	12	9	7	6	-9	-11	-7	-11	-16	-22	-12	
12	-14	-15	-14	-10	-6	-5	-7	-11	-14	-17	-17	-18	-17	-15	-14	-10	-6	-4	2	4	7	8	9	11	
13	15	18	19	21	23	28	31	26	22	13	1	8	18	20	22	18	13	11	15	10	-16	-45	-78	-87	
14	-68	-63	-60	-64	-62	-53	-43	-39	-44	-44	-41	-33	-28	-25	-23	-26	-26	-24	-33	-45	-43	-32	-39	-41	
15	-37	-37	-34	-30	-25	-22	-21	-21	-21	-23	-25	-25	-20	-23	-28	-27	-29	-32	-27	-24	-14	-10	-9	-12	
16	-11	-8	-8	-15	-18	-15	-15	-18	-18	-6	6	-6	-7	2	-13	-21	-21	-16	-9	-2	6	-7	-6	-14	
17	-14	-3	8	9	7	0	1	-20	-25	-14	-8	-7	-0	4	-8	-9	-8	-22	-36	-32	-29	-31	-32	-24	
18	-30	-47	-47	-49	-47	-38	-44	-37	-35	-33	-38	-31	-26	-18	-17	-19	-27	-26	-33	-30	-18	-20	-23	-26	
19	-25	-19	-15	-16	-14	-13	-16	-16	-13	-15	-17	-13	-10	-7	-9	-16	-18	-22	-24	-38	-39	-41	-51	-47	
20	-54	-50	-50	-46	-37	-35	-32	-32	-32	-32	-28	-23	-18	-17	-19	-19	-26	-20	-15	-12	-10	-12	-21	-24	
21	-22	-20	-14	-12	-15	-16	-18	-16	-18	-15	-21	-21	-23	-19	-20	-21	-29	-22	-12	-7	-4	-5	-8	-10	
22	-12	-12	-9	-6	-7	-5	-3	-2	-1	-0	-1	-0	-0	1	-1	-4	-8	-8	-8	-5	-14	-14	-10	-11	
23	-12	-11	-7	-4	-5	-1	2	1	-0	-7	-10	-10	-9	-8	-7	-10	-20	-24	-19	-12	-9	-11	-13	-10	
24	-8	-6	-6	-4	-5	-1	-1	-2	-2	-0	-0	-1	-1	-3	-3	0	-0	1	2	3	4	-2	-3	-6	
25	-9	-8	-5	-4	-2	1	6	8	11	11	10	9	9	8	9	9	8	9	10	11	8	0	3	4	
26	4	6	7	8	10	10	10	7	4	2	8	17	21	24	20	21	22	17	19	19	17	17	11	2	
27	-9	-10	-14	-19	-12	-20	-21	-11	-10	-11	-17	-10	6	11	14	19	-0	-3	-7	5	12	8	15	9	
28	3	0	2	13	17	9	9	6	1	4	7	0	1	-0	0	-3	-5	-2	1	4	7	7	5	6	
29	-4	-10	1	8	9	3	-6	-12	-7	-3	-9	-10	-5	-4	2	-5	-5	-3	-4	2	-7	-23	-30	-23	

MARCH 1960

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	-12	-9	-9	-5	-9	-5	-6	-19	-22	-24	-10	-9	-7	-4	-5	-9	-17	-19	-30	-40	-38	-34	-31
2	-28	-31	-31	-25	-20	-25	-27	-23	-23	-19	-24	-17	-18	-18	-18	-16	-22	-24	-28	-31	-30	-33	-36	-35
3	-36	-30	-24	-21	-20	-19	-18	-9	-15	-23	-25	-13	-12	-13	-22	-28	-26	-24	-31	-27	-30	-24	-24	-28
4	-25	-22	-17	-15	-16	-16	-13	-10	-7	-6	-5	-8	-13	-19	-20	-23	-24	-32	-32	-29	-27	-30	-33	-34
5	-32	-30	-22	-18	-18	-17	-17	-12	-12	-12	-6	-4	-5	-7	-5	1	-1	-3	1	-8	-20	-19	-17	-14
6	-7	-9	1	2	6	8	5	5	3	1	10	14	13	7	4	2	-5	-7	-3	-7	-15	-9	-4	-7
7	-8	-7	-3	-1	-1	0	4	8	10	9	7	7	10	8	6	5	3	5	10	12	14	17	20	19
8	19	20	23	23	21	16	17	15	10	4	-5	-3	-1	-6	-9	-22	-25	-21	-8	-8	-1	2	-0	-1
9	2	5	6	0	0	0	-3	6	9	12	4	10	7	8	8	2	7	9	7	8	9	8	6	5
10	4	4	8	8	6	5	8	7	2	-10	-16	-8	-6	-9	-13	-18	-26	-22	-26	-29	-19	-17	-12	-7
11	-6	-6	-2	-1	-8	-7	-5	-4	-4	2	-0	-16	-12	-7	-1	4	-8	-41	-41	-31	-29	-32	-37	-35
12	-32	-23	-19	-19	-20	-18	-18	-18	-20	-19	-12	-10	-17	-18	-13	-12	-18	-19	-15	-9	-9	-11	-13	-12
13	-12	-12	-4	-3	-7	-8	-10	-12	-12	-9	-7	-6	-6	-6	-8	-9	-10	-9	-6	-5	-10	-9	-10	-5
14	-3	0	2	1	3	2	0	-1	-1	3	5	7	7	8	8	23	20	22	20	20	21	20	22	29
15	21	22	20	18	13	12	15	18	15	12	6	6	7	5	5	0	-9	-25	-40	-41	-39	-44	-46	-64
16	-100	-102	-96	-115	-128	-134	-153	-131	-99	-87	-81	-70	-70	-66	-50	-49	-54	-67	-67	-73	-59	-51	-67	-56
17	-52	-48	-39	-42	-41	-41	-43	-40	-32	-28	-26	-25	-29	-31	-29	-28	-31	-29	-31	-31	-33	-34	-31	-29
18	-26	-24	-20	-17	-22	-20	-13	-14	-17	-16	-17	-17	-21	-19	-15	-13	-15	-15	-11	-8	-7	-6	-6	-9
19	-9	-6	-6	-5	-4	-3	0	2	3	2	-3	-8	-8	-11	-10	-14	-20	-18	-14	-11	-13	-10	-7	-8
20	-10	-9	-7	-8	-11	-9	-5	-1	3	4	3	4	4	3	3	2	1	-1	2	4	8	9	8	5
21	4	4	4	3	1	-3	-8	-8	-2	-2	-1	-2	-9	-13	-11	-5	-3	-2	-1	1	2	6	7	4
22	0	-3	-3	1	2	2	2	3	5	6	6	7	9	12	14	17	19	18	12	12	9	8	8	8
23	9	9	6	5	6	10	11	10	12	12	11	12	11	11	12	16	17	14	13	11	8	10	15	13
24	11	10	13	10	6	8	5	3	3	7	3	7	10	14	24	27	19	19	17	18	4	10	13	-1
25	-5	-4	-2	-1	-3	-3	2	5	4	4	5	6	2	2	2	5	7	9	9	3	4	5	7	3
26	-5	-1	4	3	1	4	6	3	0	0	3	7	6	4	3	13	11	10	17	19	19	18	16	17
27	17	19	20	17	13	12	8	7	6	4	4	3	5	3	4	0	-7	-6	2	7	10	11	11	7
28	8	12	13	11	10	15	17	15	12	3	-5	-5	3	12	11	-0	-18	-17	-7	-10	-19	-29	-26	-34
29	-35	-35	-38	-38	-35	-29	-28	-30	-34	-34	-25	-17	-20	-18	-13	-6	-6	-8	-6	-3	0	-6	-7	-0
30	-1	-10	-8	-6	-10	-16	-15	-11	-8	-16	-20	-16	-14	-12	-3	-8	-15	-27	-33	-41	-48	-67	-76	-59
31	-47	-46	-48	-48	-44	-47	-55	-63	-63	-49	-24	-38	-33	-31	-15	-25	-68	-138	-78	-82	-90	-104	-166	-185

APRIL 1960

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	-241	-256	-233	-176	-219	-207	-188	-148	-98	-93	-124	-128	-163	-166	-157	-203	-274	-311	-338	-298	-314	-328	-305	-296
2	-282	-250	-242	-221	-197	-185	-176	-168	-166	-154	-147	-142	-133	-117	-112	-115	-116	-113	-106	-99	-94	-94	-91	-67
3	-47	-69	-88	-79	-110	-125	-130	-138	-128	-115	-119	-116	-111	-110	-104	-102	-99	-100	-100	-97	-94	-97	-97	-96
4	-91	-87	-77	-78	-84	-77	-72	-66	-70	-78	-80	-74	-80	-69	-71	-67	-73	-71	-71	-59	-59	-86	-74	-66
5	-54	-51	-49	-48	-49	-67	-52	-38	-36	-52	-61	-58	-56	-40	-43	-60	-51	-53	-53	-51	-42	-54	-54	-51
6	-50	-50	-50	-50	-51	-49	-46	-47	-51	-48	-50	-50	-51	-48	-46	-45	-32	-23	-25	-24	-40	-62	-62	-54
7	-46	-42	-47	-54	-54	-50	-43	-38	-40	-41	-39	-37	-39	-41	-37	-25	-33	-51	-74	-83	-74	-69	-62	-53
8	-49	-50	-48	-54	-58	-53	-55	-59	-55	-57	-55	-54	-53	-50	-49	-49	-55	-53	-41	-34	-36	-38	-41	-43
9	-45	-46	-43	-41	-34	-45	-49	-44	-41	-37	-39	-37	-36	-40	-42	-40	-36	-32	-26	-22	-21	-20	-19	-23
10	-26	-15	-9	-3	-6	-16	-13	-21	-24	-11	-14	-13	-13	-18	-11	-12	-22	-27	-27	-23	-50	-74	-89	-72
11	-74	-69	-74	-79	-77	-68	-59	-50	-47	-47	-49	-41	-40	-34	-20	-23	-33	-33	-39	-35	-36	-45	-53	-52
12	-46	-53	-54	-57	-61	-58	-52	-58	-59	-64	-56	-50	-49	-56	-55	-53	-55	-55	-55	-45	-37	-38	-39	-31
13	-30	-34	-28	-20	-21	-42	-40	-48	-51	-51	-45	-47	-42	-37	-32	-30	-33	-33	-34	-32	-31	-31	-34	-34
14	-30	-28	-29	-27	-27	-24	-24	-29	-30	-33	-35	-37	-35	-34	-29	-26	-28	-27	-24	-21	-18	-23	-21	-23
15	-26	-25	-30	-28	-27	-44	-44	-34	-33	-37	-32	-18	-5	-0	2	1	-6	-4	-4	-7	-13	-16	-20	-21
16	-24	-29	-30	-33	-21	-12	-10	-10	-9	-9	-5	-9	-18	-21	-27	-38	-56	-53	-41	-43	-60	-51	-53	-64
17	-67	-53	-52	-49	-47	-43	-41	-31	-32	-32	-33	-27	-24	-23	-24	-20	-16	-29	-37	-36	-37	-38	-52	-47
18	-43	-41	-39	-44	-43	-41	-40	-33	-30	-28	-37	-33	-27	-25	-25	-31	-35	-35	-29	-19	-15	-14	-18	-20
19	-21	-24	-26	-27	-23	-18	-14	-11	-10	-9	-9	-10	-10	-9	-9	-10	-10	-11	-15	-14	-15	-17	-14	-10
20	-8	-10	-13	-14	-12	-9	-6	-3	-4	-5	-6	-9	-9	-9	-8	-8	-9	-11	-12	-9	-9	-9	-11	-10
21	-10	-8	-7	-8	-4	1	4	3	1	-0	-1	-3	-1	2	3	4	9	8	5	7	4	2	3	2
22	4	4	3	-2	-4	-4	-5	-8	-11	-11	-6	2	6	7	7	5	3	5	6	4	8	8	8	7
23	8	4	4	1	3	14	16	14	11	6	10	15	20	23	22	21	14	9	13	20	17	-9	-41	-64
24	-98	-139	-174	-158	-131	-136	-134	-119	-105	-99	-83	-81	-74	-77	-65	-62	-65	-78	-99	-105	-92	-66	-84	-98
25	-76	-77	-91	-91	-89	-88	-84	-78	-73	-75	-68	-73	-70	-68	-78	-76	-89	-77	-77	-82	-84	-75	-77	-74
26	-65	-61	-62	-63	-60	-58	-54	-48	-49	-56	-53	-50	-48	-49	-51	-49	-52	-55	-57	-60	-51	-57	-54	-46
27	-47	-45	-41	-40	-38	-37	-35	-30	-32	-36	-39	-36	-31	-31	-30	-32	-32	-31	-30	-36	-17	-66	-100	-108
28	-128	-138	-134	-133	-118	-111	-113	-144	-138	-110	-111	-119	-111	-106	-110	-119	-127	-135	-137	-122	-96	-81	-82	-82
29	-82	-92	-102	-83	-82	-95	-99	-84	-87	-92	-87	-81	-87	-84	-80	-74	-72	-72	-74	-74	-68	-62	-58	-52
30	-53	-45	-40	-65	-72	-80	-76	-96	-108	-86	-52	-46	-28	-101	-126	-123	-114	-290	-330	-320	-305	-287	-269	-245

MAY 1960

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	-142	-109	-81	-102	-82	-77	-69	-62	-42	-41	-35	-125	-119	-122	-121	-116	-123	-122	-117	-121	-116	-103	-93	-90
2	-88	-88	-89	-88	-83	-83	-84	-80	-75	-77	-78	-74	-69	-67	-60	-60	-63	-63	-59	-55	-51	-47	-46	-46
3	-48	-49	-47	-45	-45	-45	-47	-47	-48	-48	-46	-45	-44	-41	-37	-39	-41	-39	-33	-28	-23	-21	-25	-32
4	-35	-33	-32	-30	-29	-29	-29	-28	-28	-26	-26	-26	-22	-18	-15	-14	-14	-15	-13	-12	-15	-22	-27	-26
5	-20	-18	-19	-17	-16	-15	-15	-17	-14	-14	-17	-11	-8	-6	-5	-6	-10	-12	-11	-13	-13	-15	-18	-22
6	-20	-10	-16	-10	-13	-6	1	-3	-15	-13	-17	-24	-26	-33	-31	-29	-31	-42	-68	-82	-71	-75	-109	-107
7	-89	-65	-68	-82	-75	-66	-56	-51	-41	-36	-33	-25	-1	-24	-38	-36	-46	-69	-74	-60	-56	-55	-50	-47
8	-40	-42	-47	-51	-18	-6	-11	-14	-3	-82	-75	-52	-73	-90	-109	-130	-116	-106	-117	-106	-110	-103	-101	-70
9	-69	-68	-63	-64	-64	-54	-51	-60	-53	-52	-38	-54	-55	-58	-58	-61	-59	-59	-57	-52	-52	-53	-52	-52
10	-51	-49	-49	-49	-47	-48	-51	-51	-49	-45	-41	-36	-32	-36	-42	-45	-43	-41	-38	-37	-35	-34	-43	-42
11	-40	-41	-30	-30	-24	-27	-32	-44	-51	-55	-43	-38	-45	-50	-52	-53	-53	-50	-45	-45	-49	-46	-41	-42
12	-43	-41	-39	-36	-36	-37	-46	-47	-46	-48	-52	-49	-50	-45	-50	-47	-41	-37	-29	-26	-23	-23	-24	-23
13	-22	-20	-20	-21	-23	-25	-22	-23	-22	-22	-19	-12	-7	-9	-14	-21	-23	-21	-22	-25	-21	-25	-37	-40
14	-34	-29	-24	-26	-29	-33	-27	-25	-24	-22	-20	-17	-18	-22	-28	-31	-35	-29	-26	-25	-21	-16	-11	-12
15	-15	-15	-17	-20	-22	-20	-21	-21	-21	-15	-14	-24	-27	-29	-31	-33	-38	-37	-36	-34	-33	-27	-25	-25
16	-24	-22	-21	-22	-20	-19	-16	-17	-12	-13	-17	-7	4	14	42	22	32	-2	-10	-7	18	31	33	13
17	-11	-9	-10	-16	-15	-15	-6	-2	-0	-2	0	6	6	-1	-13	-18	-31	-29	-27	-28	-28	-24	-22	-20
18	-17	-17	-17	-15	-12	-14	-20	-20	-13	-12	-12	-14	-12	-10	-13	-15	-16	-18	-20	-22	-18	-15	-15	-17
19	-20	-16	-12	-10	-9	-12	-8	-1	-5	-4	-3	-5	-7	-8	-11	-14	-14	-13	-11	-10	-9	-3	2	3
20	2	-1	-2	-3	-3	-0	0	1	0	3	3	3	3	1	-4	-7	-8	-7	-5	-4	-1	3	8	9
21	7	6	7	6	4	4	3	3	4	6	9	9	12	12	5	3	0	-1	-1	-3	-3	1	4	6
22	5	4	4	3	2	1	3	4	5	7	9	9	10	9	13	25	27	26	26	25	22	21	22	25
23	26	24	22	22	22	23	21	21	19	22	28	25	27	28	25	12	3	-4	-12	-16	-5	-12	-7	-6
24	-5	-15	-28	-28	-28	-36	-37	-54	-49	-48	-44	-38	-33	-35	-40	-46	-47	-48	-46	-47	-42	-47	-52	-57
25	-64	-55	-46	-39	-27	-31	-38	-34	-29	-21	-13	-15	-17	-25	-33	-37	-39	-39	-40	-30	-31	-35	-41	-43
26	-34	-36	-36	-41	-39	-34	-33	-28	-29	-23	-20	-22	-25	-28	-25	-24	-29	-27	-19	-16	-21	-27	-30	-29
27	-27	-35	-39	-49	-49	-45	-42	-39	-34	-32	-30	-32	-34	-32	-31	-34	-28	-23	-25	-24	-16	-19	-30	-32
28	-28	-23	-16	-12	-11	-10	-11	-14	-19	-18	-14	-8	-5	-3	-4	-5	-9	-9	-9	-8	21	21	7	7
29	5	-12	-21	-37	-38	-39	-33	-25	-12	-0	1	-1	2	16	2	-7	-11	-8	-5	-21	-47	-44	-32	-17
30	1	6	-0	2	-7	-11	-9	-9	-9	-6	-6	-14	-19	-30	-38	-46	-49	-47	-43	-42	-38	-36	-37	-33
31	-29	-27	-25	-19	-18	-18	-13	-8	3	10	23	20	24	19	18	9	9	8	12	14	13	10	7	-4

JUNE 1960

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	-14	-27	-29	-43	-35	-33	-41	-41	-33	-46	-48	-50	-47	-33	-26	-20	-16	-17	-21	-17	-9	-5	-6
2	-3	-6	-17	-19	-20	-20	-16	-14	-11	-9	-10	-7	-6	-4	-8	-7	-5	-1	1	-3	-6	-6	-9	-11
3	-11	-10	-8	-6	-6	-7	-6	-7	-6	-7	-4	5	8	8	6	9	12	13	4	2	-0	-6	-3	-8
4	-14	-20	-18	10	-11	-42	-72	-99	-81	-67	-58	-40	-31	-37	-44	-44	-47	-50	-53	-53	-47	-38	-46	-44
5	-61	-77	-83	-81	-72	-78	-78	-79	-80	-67	-58	-56	-64	-69	-70	-70	-75	-77	-70	-64	-47	-39	-39	-38
6	-51	-43	-36	-47	-57	-54	-48	-39	-41	-36	-28	-24	-27	-35	-39	-44	-50	-47	-41	-34	-28	-25	-23	-23
7	-28	-22	-29	-39	-34	-29	-23	-20	-21	-28	-22	-9	-9	-13	-15	-16	-21	-18	-18	-13	-8	-12	-13	-11
8	-11	-15	-20	-16	-30	-39	-34	-29	-30	-27	-16	-11	-8	-10	-15	-18	-16	-17	-21	-27	-36	-44	-46	-40
9	-36	-30	-32	-34	-30	-38	-30	-25	-24	-29	-22	-17	-12	-17	-21	-22	-22	-23	-25	-28	-22	-21	-21	-21
10	-19	-19	-16	-17	-14	-10	-9	-11	-15	-14	-11	-12	-15	-16	-20	-20	-19	-17	-12	-11	-13	-17	-18	-14
11	-9	-15	-9	-8	-8	-7	-8	-8	-7	-6	-11	-10	-7	-4	-1	-1	-4	-6	-11	-12	-7	-0	-3	-2
12	-3	-3	0	1	4	3	7	9	7	5	6	9	6	7	10	9	11	6	9	10	8	9	8	6
13	8	7	6	4	2	2	4	3	0	2	6	8	8	8	3	0	3	5	7	10	11	9	8	10
14	11	9	8	12	12	8	-0	-6	-7	-5	-1	-1	-13	-22	-20	-17	-17	-17	-15	-12	-13	-22	-20	-13
15	-8	-5	-5	-4	-4	-5	-3	-5	-4	-11	-8	-4	-5	-11	-14	-9	-11	-12	-13	-13	-7	-7	-9	-9
16	-8	-6	-8	-11	-11	-8	-6	-8	-6	-4	-4	-4	-5	-7	-7	-6	-2	-0	2	4	2	2	1	2
17	2	6	-2	-3	-3	-2	0	2	2	0	-1	-3	-3	-0	-1	-4	-11	-14	-5	3	8	8	3	5
18	8	-2	-1	-1	-0	2	2	11	14	15	9	7	11	6	6	9	15	15	11	14	16	18	21	16
19	18	15	5	-6	-17	-17	-13	-20	-24	-23	-16	-14	-19	-22	-28	-32	-30	-34	-36	-37	-40	-39	-34	-30
20	-29	-26	-25	-23	-25	-25	-23	-21	-15	-12	-9	-7	-7	-12	-16	-21	-21	-16	-16	-18	-14	-12	-13	-15
21	-12	-8	-8	-16	-10	-15	-15	-18	-24	-26	-19	-17	-20	-25	-27	-32	-41	-37	-38	-37	-30	-34	-31	-25
22	-18	-10	-8	-2	-8	-4	-6	-9	-10	-14	-6	-3	-0	-3	-8	-10	-11	-7	-6	-5	-14	-16	-20	-24
23	-25	-16	-22	-15	-14	-12	-8	-5	-3	-3	-1	4	4	-1	-3	-8	-16	-17	-22	-24	-21	-16	-11	-11
24	-7	-6	-8	-7	-6	-0	-0	-3	-12	-13	-8	-2	-2	-1	-3	-5	-11	-15	-24	-22	-16	-11	-6	-6
25	-6	-2	7	3	3	1	0	4	2	-2	-1	2	-2	-4	-3	-8	-9	4	-5	-13	-24	-26	-31	-37
26	-37	-25	-18	-21	-25	-20	-29	-34	-21	-21	-19	-18	-16	-14	-17	-19	-19	-16	-10	-9	-14	-19	-15	-11
27	-1	4	23	-8	-43	-61	-54	-54	-59	-55	-53	-45	-40	-40	-43	-46	-39	-43	-47	-47	-38	-30	-18	-24
28	-25	-14	-16	-23	-29	-11	1	-10	1	7	-4	-5	-26	-26	-32	-40	-49	-52	-55	-48	-46	-47	-51	-41
29	-38	-36	-26	-11	-8	-16	-24	-12	-24	-19	-11	-11	-18	-19	-15	-14	-15	-15	-17	-5	12	18	-3	-39
30	-56	-78	-90	-90	-91	-77	-78	-75	-74	-64	-59	-46	-37	-41	-46	-49	-56	-38	-30	-12	-34	-32	-26	-32

JULY 1960

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	-26	-32	-27	-30	-26	-23	-35	-38	-29	-31	-32	-33	-30	-31	-37	-44	-46	-44	-41	-55	-60	-55	-46	-41
2	-38	-33	-29	-27	-28	-27	-30	-21	-20	-20	-17	-25	-30	-26	-27	-33	-36	-35	-31	-28	-21	-21	-18	-17
3	-16	-15	-19	-17	-21	-16	-18	-23	-17	-14	-12	-14	-10	-7	-6	-9	-16	-19	-20	-20	-25	-27	-20	-18
4	-16	-15	-21	-20	-16	-18	-24	-17	-12	-11	-16	-11	-5	-9	-13	-14	-19	-27	-28	-29	-28	-29	-21	-14
5	-10	-9	-13	-24	-21	-17	-13	-13	-21	-22	-19	-18	-20	-24	-26	-28	-30	-34	-33	-33	-31	-27	-23	-24
6	-19	-26	-26	-21	-15	-13	-10	-6	-5	-4	-16	-21	-27	-26	-28	-31	-28	-28	-24	-16	-9	-8	-7	-6
7	-7	-6	-7	-10	-12	-12	-12	-9	-8	-10	-11	-9	-9	-10	-9	-8	-4	-0	0	2	0	-1	1	-1
8	0	0	-0	-2	-3	-3	-3	2	4	6	9	9	7	4	0	-3	-5	-2	-1	1	4	8	10	11
9	9	10	14	14	13	10	10	10	10	10	10	7	9	13	17	19	20	16	13	14	16	14	13	13
10	14	13	11	2	1	-1	2	3	7	9	15	17	16	20	20	20	24	25	21	16	7	-6	-13	-15
11	-14	-6	-3	3	8	3	-2	-1	5	12	10	5	2	1	5	3	1	1	-3	-3	-5	-16	-10	-10
12	-10	-8	-7	-3	-1	-4	-3	1	2	1	-2	-6	-8	-8	-8	-9	-10	-12	-11	-8	-6	-3	-3	-2
13	1	-0	-2	-1	-4	-9	-1	1	2	3	1	-3	-4	-2	-3	-4	-8	-12	-11	-10	-9	-13	-8	-2
14	-1	-1	-2	1	3	0	-1	6	9	3	-2	-14	-16	-15	-14	-16	-24	-24	-27	-16	-5	23	25	31
15	26	21	11	8	2	-7	-4	-3	-7	-6	-14	-18	-35	-60	-70	-83	-103	-115	-117	-123	-122	-112	-132	-151
16	-162	-137	-146	-146	-132	-129	-128	-114	-112	-102	-97	-94	-96	-103	-106	-110	-112	-114	-111	-107	-103	-96	-92	-98
17	-100	-92	-78	-82	-82	-77	-81	-79	-63	-58	-58	-57	-58	-63	-69	-73	-78	-75	-69	-66	-56	-53	-56	-48
18	-46	-51	-47	-44	-51	-46	-43	-40	-35	-28	-26	-25	-34	-37	-40	-42	-39	-36	-33	-32	-27	-23	-18	-15
19	-15	-14	-14	-14	-11	-14	-21	-16	-20	-30	-55	-57	-53	-54	-63	-71	-74	-73	-72	-61	-57	-58	-57	-49
20	-35	-37	-43	-45	-42	-40	-35	-30	-24	-23	-19	-22	-18	-24	-29	-37	-36	-36	-46	-53	-52	-46	-47	-44
21	-40	-35	-35	-34	-31	-30	-32	-24	-22	-22	-17	-17	-19	-19	-19	-22	-27	-34	-34	-23	-15	-12	-11	-10
22	-13	-19	-23	-26	-20	-20	-23	-22	-17	-16	-15	-15	-11	-8	-11	-18	-21	-22	-19	-17	-18	-24	-20	-17
23	-17	-25	-23	-22	-21	-23	-19	-14	-10	-11	-12	-15	-20	-22	-20	-19	-22	-20	-16	-12	-9	-7	-4	-8
24	-4	2	1	-2	0	-4	-4	2	1	7	11	9	5	-2	-6	-7	-9	-10	-10	-7	-5	-10	-11	-7
25	-9	-9	-7	-6	-1	-3	-1	-2	-3	-1	2	5	2	2	3	1	-2	-1	-1	-5	-6	-5	-2	1
26	-2	-5	-5	-3	-1	2	3	8	7	4	2	3	6	11	14	21	20	13	5	3	2	-2	-27	-36
27	-26	-14	-7	-5	-4	-2	-2	-6	-5	-5	-7	-8	-5	-3	-4	-2	0	-1	2	2	3	3	4	2
28	3	4	6	6	10	10	8	9	8	12	20	18	14	12	17	23	21	20	17	15	15	18	16	20
29	20	10	-8	-23	-31	-33	-31	-24	-22	-18	-17	-15	-8	-2	-1	-11	-20	-26	-23	-22	-24	-10	-15	-34
30	-43	-56	-57	-41	-27	-29	-30	-24	-18	-11	-11	-18	-18	-13	-13	-15	-22	-25	-26	-19	-10	-6	-2	-3
31	-15	-32	-29	-36	-36	-43	-50	-42	-31	-29	-37	-40	-37	-43	-44	-47	-44	-45	-37	-33	-33	-37	-30	-26

AUGUST 196

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	-22	-22	-26	-31	-27	-23	-24	-25	-25	-23	-25	-32	-34	-29	-28	-21	-17	-21	-20	-15	-16	-21	-22		
2	-21	-21	-20	-22	-18	-21	-18	-15	-15	-18	-14	-9	-11	-17	-20	-22	-19	-22	-28	-26	-22	-20	-27	-31		
3	-29	-27	-21	-23	-21	-18	-15	-13	-15	-15	-16	-14	-13	-14	-14	-17	-15	-13	-13	-12	-13	-15	-16	-15		
4	-7	-4	-8	-14	-14	-14	-14	-11	-14	-17	-20	-15	-11	-9	-12	-14	-11	-9	-8	-7	-10	-12	-14	-10		
5	-6	-8	-9	-8	-7	-7	-4	-6	-10	-10	-10	-10	-5	-5	-3	0	3	0	-4	-5	-2	-3	-1	-1		
6	-3	0	-1	3	7	7	5	1	-2	-3	-3	3	7	6	2	1	4	8	12	15	12	1	-3	-1		
7	5	4	4	-2	-11	-12	-9	-8	-8	-6	-2	0	4	11	8	7	10	10	16	20	15	6	0	1		
8	5	7	9	11	8	7	8	5	-10	-8	-6	-6	-3	-2	-6	-2	-11	-23	-26	-28	-31	-32	-37	-35		
9	-28	-27	-20	-18	-20	-27	-38	-43	-35	-29	-29	-39	-41	-37	-35	-32	-34	-32	-29	-24	-17	-16	-20	-15		
10	-17	-12	-6	-1	5	2	-10	-16	-22	-28	-17	-8	-9	-12	-17	-19	-19	-18	-27	-30	-27	-24	-25	-23		
11	-18	-12	-9	-12	-18	-22	-12	-11	-11	-14	-10	-8	-11	-11	-12	-13	-8	-0	3	-1	0	-3	-6	-7		
12	-18	-14	-17	-15	-20	-22	-20	-13	-19	-22	-14	-13	-20	-31	-29	-30	-31	-24	-18	-15	-13	-15	-8	-3		
13	-0	-3	-6	-12	-9	-9	-8	-7	-9	-13	-12	-12	-13	-16	-16	-18	-15	-8	-6	-8	-13	-17	-21	-20		
14	-15	-12	-9	-10	-7	-7	-6	-3	1	-4	-8	-12	-16	-20	-22	-5	11	17	19	16	16	-2	0	3		
15	4	-10	-17	-12	-10	-6	1	5	6	0	-0	-4	-1	-5	-8	-10	-9	-3	2	9	18	14	8	1		
16	1	3	4	4	3	5	9	10	14	9	1	-6	-12	-18	-16	-51	-75	-75	-72	-84	-99	-94	-74	-65		
17	-73	-100	-119	-115	-128	-135	-119	-109	-103	-93	-85	-86	-85	-75	-81	-76	-93	-107	-115	-128	-133	-132	-109	-95		
18	-85	-78	-74	-70	-65	-61	-58	-44	-51	-57	-55	-54	-56	-59	-66	-68	-64	-61	-53	-46	-44	-39	-36	-36		
19	-37	-39	-35	-38	-39	-37	-30	-28	-28	-32	-36	-35	-31	-32	-31	-27	-7	-15	-22	-35	-56	-69	-63	-45		
20	-33	-23	-19	-18	-25	-45	-63	-74	-51	-56	-59	-58	-60	-60	-54	-46	-43	-48	-56	-63	-60	-58	-46	-43		
21	-46	-35	-33	-38	-43	-38	-34	-33	-31	-39	-39	-41	-40	-38	-40	-36	-22	-26	-40	-36	-30	-23	-25	-24		
22	-32	-27	-31	-32	-33	-27	-23	-20	-18	-19	-19	-21	-24	-29	-33	-32	-25	-22	-21	-15	-11	-8	-10	-10		
23	-2	-3	-9	-12	-15	-16	-11	-8	-7	-4	-6	-11	-15	-14	-15	-14	-17	-20	-11	-4	-0	-4	-2	-1		
24	5	7	10	9	4	3	1	1	1	-5	-1	-2	-4	-1	2	-1	-7	-13	-13	-9	-4	-3	-4	-4		
25	-3	-1	-1	-1	-1	-1	-0	-0	2	3	3	3	1	1	4	3	3	8	11	12	13	17	20	18		
26	15	13	11	8	5	6	6	9	13	13	15	14	11	9	7	8	10	11	10	7	4	1	2	-2		
27	-1	-5	0	2	3	6	5	2	2	4	6	9	6	7	13	21	17	-8	-20	-11	-17	6	8	11		
28	10	8	4	-1	-3	-17	-17	-5	-7	-11	-10	-7	-14	-23	-25	-24	-23	-19	-17	-17	-14	-8	-3	-3		
29	21	35	44	46	14	-33	-50	-42	-40	-33	-38	-37	-32	-30	-18	-4	-2	-11	-21	-34	-50	-66	-73	-70		
30	-64	-74	-79	-68	-77	-93	-100	-88	-82	-77	-76	-68	-72	-81	-83	-84	-78	-75	-77	-67	-65	-61	-59	-62		
31	-57	-53	-53	-48	-48	-53	-50	-44	-41	-41	-45	-44	-47	-46	-51	-53	-48	-44	-38	-34	-32	-30	-25	-23		

SEPTEMBER 1960

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	-24	-22	-23	-25	-23	-23	-22	-20	-19	-18	-17	-18	-18	-21	-21	-19	-19	-17	-17	-17	-17	-17	-17	-14	-11
2	-9	-8	-10	-12	-14	-13	-13	-13	-14	-13	-15	-19	-9	-15	-18	-23	-20	-12	-25	-27	-22	-26	-42	-63	
3	-43	-47	-45	-52	-46	-53	-59	-34	-24	-25	-22	-24	-26	-26	-31	-31	-26	-32	-43	-39	-34	-34	-27	-24	
4	-29	-27	-11	-6	-20	-31	-38	-74	-90	-98	-88	-75	-77	-78	-68	-78	-72	-84	-96	-121	-162	-149	-141	-157	
5	-146	-141	-140	-125	-129	-142	-140	-138	-156	-195	-173	-163	-162	-153	-141	-133	-114	-115	-123	-121	-111	-94	-98	-94	
6	-105	-101	-76	-64	-73	-87	-101	-102	-94	-83	-80	-84	-84	-86	-83	-75	-69	-71	-66	-60	-48	-43	-46	-42	
7	-50	-53	-48	-48	-51	-53	-49	-47	-44	-38	-45	-48	-59	-51	-42	-41	-33	-40	-46	-46	-52	-53	-44	-42	
8	-53	-59	-52	-51	-53	-54	-50	-46	-40	-47	-42	-40	-36	-39	-44	-42	-41	-38	-33	-24	-23	-22	-20	-21	
9	-31	-42	-49	-41	-46	-51	-47	-43	-41	-43	-41	-43	-44	-45	-44	-40	-38	-38	-41	-36	-28	-27	-26	-29	
10	-32	-33	-27	-23	-30	-31	-29	-28	-20	-21	-26	-31	-32	-35	-35	-40	-42	-43	-44	-46	-38	-32	-32	-39	
11	-36	-42	-41	-39	-32	-35	-39	-36	-27	-19	-16	-15	-15	-20	-20	-20	-23	-30	-31	-33	-16	-22	-29	-34	
12	-35	-25	-21	-28	-33	-30	-26	-27	-30	-32	-27	-22	-27	-31	-34	-42	-37	-35	-34	-33	-32	-26	-19	-18	
13	-23	-29	-37	-42	-45	-51	-44	-38	-39	-42	-49	-45	-41	-43	-47	-44	-36	-29	-27	-23	-32	-34	-40	-52	
14	-47	-52	-43	-43	-38	-42	-39	-35	-28	-29	-29	-27	-26	-27	-27	-26	-24	-20	-19	-19	-19	-17	-16	-19	
15	-19	-20	-20	-21	-20	-19	-17	-15	-9	-4	0	-1	-0	-4	-2	-4	-3	-2	-1	2	4	3	3	3	
16	5	7	8	4	3	1	-0	1	4	5	4	3	1	-1	3	2	4	5	10	9	8	6	6	5	
17	3	1	1	-5	-2	-1	2	5	11	12	8	8	8	9	9	10	13	10	12	11	5	-1	-4	-17	
18	-33	-45	-40	-37	-46	-32	-25	-24	-23	-19	-17	-11	-14	-16	-19	-22	-21	-19	-14	-11	-10	-10	-12	-12	
19	-14	-18	-15	-13	-16	-16	-11	-9	-9	-9	-15	-14	-15	-13	-14	-15	-16	-20	-20	-16	-11	-7	-4	-5	
20	-6	-7	-5	-2	2	1	1	2	2	4	4	1	3	4	6	4	3	3	7	15	21	22	13	9	
21	5	4	1	0	1	0	1	0	7	9	5	-0	-5	-8	-7	-14	-17	-22	-26	-22	-18	-16	-16	-17	
22	-19	-19	-15	-16	-21	-20	-18	-16	-10	-7	-6	-5	-7	-10	2	2	-3	-5	-10	-3	-5	-8	-18	-30	
23	-39	-40	-38	-30	-20	-13	-17	-25	-27	-26	-18	-14	-16	-18	-19	-14	-11	-10	-4	-2	-2	-1	2	-2	
24	-14	-28	-38	-32	-27	-33	-42	-41	-47	-47	-36	-31	-28	-31	-26	-23	-33	-46	-39	-37	-34	-33	-31	-28	
25	-30	-29	-27	-25	-23	-22	-21	-21	-20	-20	-18	-14	-9	-6	-6	-6	-3	-5	-5	-11	-16	-15	-15	-13	
26	-13	-9	-1	2	3	5	0	-0	-6	-10	-11	-5	-1	-4	-4	0	4	7	6	6	-3	-17	-31	-40	
27	-43	-49	-54	-49	-35	-38	-43	-35	-31	-32	-30	-29	-26	-25	-24	-23	-23	-18	-22	-33	-31	-30	-26	-23	
28	-22	-25	-27	-23	-17	-12	-9	-7	-9	-13	-15	-16	-12	-9	-13	-17	-15	-17	-20	-20	-19	-18	-19	-22	
29	-20	-16	-16	-12	-9	-6	-4	-8	-8	-9	-16	-16	-14	-15	-14	-16	-11	-17	-25	-30	-30	-34	-48	-54	
30	-46	-46	-47	-45	-42	-37	-33	-30	-23	-19	-18	-18	-19	-18	-21	-25	-29	-37	-41	-44	-51	-60	-45	-38	

OCTOBER 1960

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	-42	-43	-52	-54	-54	-50	-54	-66	-65	-51	-53	-51	-49	-51	-52	-50	-55	-52	-59	-66	-65	-61	-51	-49
2	-54	-53	-44	-48	-52	-54	-58	-61	-52	-50	-59	-66	-68	-65	-72	-79	-85	-78	-88	-72	-64	-61	-59	-61
3	-57	-52	-49	-47	-44	-41	-40	-37	-34	-37	-40	-35	-44	-39	-37	-39	-45	-43	-38	-30	-29	-31	-32	-34
4	-32	-30	-30	-26	-24	-22	-27	-26	-26	-25	-23	-23	-22	-25	-22	-37	-46	-59	-54	-62	-101	-72	-83	-62
5	-68	-68	-59	-63	-68	-68	-58	-55	-49	-41	-42	-38	-35	-36	-36	-35	-31	-35	-26	-16	-10	-15	-47	-72
6	-61	-48	-56	-45	-77	-99	-117	-109	-83	-58	-72	-78	-98	-87	-109	-135	-143	-164	-145	-150	-200	-246	-240	-267
7	-304	-262	-242	-246	-220	-223	-210	-209	-192	-170	-168	-162	-143	-156	-160	-156	-152	-144	-136	-136	-110	-104	-114	-111
8	-115	-98	-93	-97	-94	-89	-82	-81	-76	-73	-71	-71	-70	-75	-76	-75	-78	-86	-88	-93	-88	-88	-89	-83
9	-91	-96	-99	-90	-88	-87	-86	-82	-72	-68	-75	-85	-78	-72	-74	-66	-67	-73	-77	-68	-70	-74	-69	-80
10	-86	-87	-86	-78	-76	-71	-63	-57	-57	-57	-57	-58	-57	-55	-55	-54	-51	-51	-59	-61	-65	-69	-67	-65
11	-55	-51	-53	-52	-50	-47	-50	-43	-50	-47	-49	-52	-53	-54	-51	-46	-45	-48	-48	-47	-47	-49	-50	-48
12	-44	-41	-40	-35	-32	-28	-24	-25	-26	-29	-25	-18	-15	-16	-19	-21	-20	-19	-18	-17	-14	-15	-9	-3
13	-5	-5	-5	-8	-16	-16	-15	-13	-13	-13	-16	-20	-21	-17	-11	-11	-9	-8	-10	-8	-5	-4	4	4
14	-2	-4	-5	-2	-1	1	1	2	1	-3	-1	-5	-6	-10	-11	-9	-7	-8	-8	-6	-5	-7	-8	-7
15	-7	-3	-1	0	5	9	13	14	15	13	1	-7	-17	-25	-30	-24	-32	-52	-67	-66	-57	-50	-56	-55
16	-47	-38	-37	-39	-32	-29	-25	-27	-26	-25	-25	-27	-31	-32	-31	-26	-20	-20	-22	-23	-21	-26	-33	-32
17	-32	-28	-25	-26	-23	-20	-19	-21	-20	-17	-17	-20	-24	-26	-28	-19	-14	-14	-19	-21	-19	-20	-19	-23
18	-26	-28	-28	-31	-30	-35	-42	-50	-50	-43	-42	-46	-46	-45	-50	-50	-48	-56	-69	-70	-65	-71	-75	-73
19	-66	-62	-58	-54	-51	-40	-36	-31	-29	-27	-27	-30	-32	-30	-30	-34	-39	-39	-40	-42	-41	-42	-43	-36
20	-32	-32	-35	-37	-36	-34	-36	-36	-37	-31	-25	-26	-30	-35	-40	-43	-42	-38	-35	-30	-28	-35	-47	-49
21	-45	-38	-34	-34	-32	-29	-31	-30	-31	-30	-26	-25	-25	-27	-29	-30	-29	-28	-35	-33	-31	-34	-37	-33
22	-25	-19	-18	-18	-16	-15	-16	-16	-10	-9	-7	-4	-1	1	2	2	1	2	2	2	2	-2	-5	-6
23	-2	1	2	3	4	6	4	0	1	4	4	4	2	0	3	3	5	9	9	6	6	3	-3	-4
24	-4	-0	1	-1	2	5	9	12	10	11	12	11	9	8	12	15	-38	-64	-61	-56	-39	-46	-52	-51
25	-44	-35	-25	-16	-13	-19	-42	-55	-73	-67	-64	-80	-91	-91	-90	-103	-116	-144	-148	-117	-135	-126	-122	-123
26	-122	-123	-112	-105	-105	-113	-98	-98	-93	-95	-102	-97	-103	-98	-105	-98	-97	-93	-85	-73	-69	-72	-69	-68
27	-74	-74	-75	-69	-66	-65	-64	-64	-60	-62	-57	-66	-70	-69	-69	-79	-83	-78	-73	-78	-78	-75	-78	-85
28	-73	-69	-64	-64	-58	-56	-57	-60	-60	-63	-65	-75	-67	-72	-82	-91	-90	-87	-83	-75	-67	-65	-65	-65
29	-67	-54	-46	-41	-41	-45	-46	-48	-52	-47	-59	-56	-55	-66	-60	-54	-74	-70	-71	-61	-70	-72	-67	-65
30	-58	-55	-53	-51	-50	-47	-44	-52	-50	-47	-43	-46	-50	-51	-59	-68	-65	-61	-62	-62	-63	-57	-56	-53
31	-46	-50	-51	-50	-45	-45	-46	-36	-33	-32	-35	-38	-34	-38	-42	-42	-43	-49	-61	-57	-50	-45	-50	-48

NOVEMBER 1960

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	-41	-39	-35	-37	-34	-30	-35	-37	-34	-32	-31	-35	-34	-33	-36	-33	-32	-25	-23	-26	-32	-31	-31	-30
2	-28	-25	-30	-32	-32	-27	-28	-31	-35	-40	-41	-44	-45	-42	-41	-43	-46	-39	-32	-28	-28	-32	-35	-36
3	-33	-34	-37	-35	-33	-33	-37	-33	-25	-25	-34	-37	-30	-29	-28	-29	-29	-30	-26	-27	-33	-52	-64	-65
4	-65	-73	-69	-76	-82	-76	-77	-71	-70	-66	-62	-64	-66	-55	-61	-61	-60	-60	-62	-54	-58	-57	-61	-58
5	-46	-43	-47	-51	-53	-55	-52	-48	-52	-55	-53	-52	-54	-53	-49	-49	-45	-43	-43	-43	-42	-42	-43	-41
6	-37	-35	-34	-36	-32	-29	-32	-38	-38	-36	-35	-40	-48	-53	-47	-41	-39	-33	-29	-29	-28	-28	-25	-25
7	-29	-29	-29	-29	-30	-34	-39	-42	-39	-40	-29	-31	-30	-28	-29	-27	-26	-23	-20	-19	-20	-18	-17	-15
8	-11	-9	-8	-9	-9	-9	-11	-11	-7	-3	-5	-4	-4	-6	-5	-6	-10	-10	-12	-14	-13	-16	-22	-26
9	-25	-26	-24	-25	-22	-25	-20	-15	-9	-9	-6	-11	-12	-10	-10	-10	-11	-13	-14	-12	-13	-12	-13	-15
10	-13	-10	-8	-7	-7	-5	-4	7	11	14	9	1	-3	3	7	8	7	4	12	12	19	20	25	25
11	25	18	21	20	26	25	8	-3	-3	8	-7	-25	-28	-20	-27	-33	-36	-32	-29	-18	-6	-4	-7	-17
12	-22	-24	-18	-8	-15	-17	-18	-14	-12	-13	-16	-20	-18	-6	23	18	23	1	-88	-95	-93	-53	-68	-101
13	-100	-105	-122	-119	-124	-206	-229	-193	-305	-323	-277	-298	-275	-255	-249	-259	-244	-207	-168	-167	-173	-171	-156	-158
14	-168	-154	-156	-155	-147	-139	-134	-131	-124	-124	-121	-127	-128	-121	-121	-112	-109	-118	-118	-114	-118	-110	-109	-101
15	-97	-97	-87	-90	-84	-84	-83	-87	-89	-95	-94	-94	-94	-83	-88	-94	-108	-119	-125	-119	-131	-143	-84	-111
16	-131	-136	-185	-197	-202	-193	-190	-185	-172	-168	-160	-149	-151	-142	-129	-121	-110	-108	-107	-105	-103	-96	-92	-90
17	-88	-81	-73	-77	-78	-80	-80	-81	-69	-73	-80	-83	-84	-83	-83	-86	-85	-92	-96	-91	-88	-90	-87	-78
18	-73	-69	-70	-70	-67	-69	-70	-74	-72	-69	-70	-70	-68	-66	-63	-58	-54	-55	-52	-52	-53	-52	-49	-47
19	-43	-43	-42	-42	-41	-32	-30	-28	-29	-38	-35	-26	-33	-30	-38	-38	-36	-35	-31	-30	-30	-20	-18	-15
20	-20	-32	-31	-27	-25	-32	-40	-45	-44	-41	-39	-43	-43	-42	-36	-24	-28	-22	-25	-27	-26	-20	-19	-15
21	-15	-15	-14	-16	-23	-30	-36	-47	-51	-51	-54	-63	-65	-63	-60	-67	-84	-109	-112	-100	-87	-73	-59	-68
22	-76	-68	-54	-65	-75	-68	-65	-66	-62	-59	-60	-66	-67	-66	-64	-56	-67	-68	-65	-59	-54	-56	-50	-48
23	-47	-45	-41	-41	-44	-44	-44	-40	-40	-45	-48	-49	-50	-44	-42	-43	-46	-46	-42	-41	-45	-43	-43	-45
24	-49	-47	-41	-41	-36	-34	-38	-37	-34	-34	-35	-37	-33	-19	-15	-7	-2	1	1	4	-5	-18	-48	-62
25	-57	-52	-54	-55	-58	-56	-51	-51	-56	-68	-66	-63	-60	-53	-60	-59	-64	-64	-59	-67	-79	-84	-82	-75
26	-67	-61	-59	-56	-48	-44	-45	-45	-42	-47	-53	-53	-51	-50	-48	-46	-47	-47	-42	-41	-56	-50	-47	-46
27	-42	-39	-34	-32	-29	-31	-30	-28	-34	-33	-34	-36	-35	-36	-35	-36	-48	-57	-58	-49	-43	-46	-49	-48
28	-46	-41	-38	-40	-44	-36	-37	-40	-45	-47	-49	-49	-48	-51	-47	-45	-40	-38	-29	-31	-33	-33	-29	-25
29	-25	-27	-25	-27	-27	-24	-22	-18	-21	-24	-30	-33	-33	-33	-28	-29	-30	-23	-19	-19	-21	-19	-19	-17
30	-19	-20	-23	-19	-14	-13	-14	-13	-15	-21	-24	-23	-25	-24	-23	-23	-25	-29	-32	-5	-4	-3	-32	-38

DECEMBER 1960

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	-33	-35	-59	-92	-94	-96	-114	-106	-127	-122	-116	-95	-97	-103	-116	-117	-127	-127	-130	-112	-109	-129	-128
2	-108	-99	-96	-93	-90	-90	-78	-67	-71	-69	-68	-62	-65	-60	-54	-51	-57	-65	-59	-54	-54	-51	-48	-50
3	-51	-51	-51	-56	-50	-48	-46	-47	-50	-54	-54	-55	-51	-49	-45	-43	-42	-42	-42	-43	-42	-39	-36	-34
4	-34	-33	-33	-33	-32	-31	-26	-26	-30	-34	-36	-40	-40	-42	-39	-39	-40	-40	-40	-43	-37	-36	-35	-32
5	-31	-31	-32	-32	-32	-32	-30	-28	-29	-33	-34	-34	-35	-30	-19	-19	-22	-25	-18	-24	-21	-14	-12	-8
6	-4	-3	-1	-5	-10	-7	-8	-16	-23	-26	-31	-38	-31	-36	-36	-46	-57	-71	-82	-88	-79	-64	-62	-58
7	-56	-51	-45	-42	-36	-33	-28	-29	-31	-32	-31	-32	-37	-39	-33	-30	-33	-33	-12	-18	-34	-45	-35	-40
8	-60	-74	-68	-57	-54	-42	-35	-30	-32	-40	-53	-51	-45	-41	-35	-36	-34	-36	-33	-31	-30	-27	-22	-21
9	-20	-16	-29	-36	-37	-35	-28	-27	-35	-37	-33	-39	-42	-42	-43	-38	-39	-43	-40	-40	-39	-38	-38	-36
10	-32	-32	-37	-38	-34	-29	-23	-20	-19	-23	-26	-29	-32	-26	-24	-23	-24	-27	-25	-29	-32	-24	-20	-20
11	-22	-21	-17	-17	-17	-15	-13	-14	-11	-13	-21	-24	-23	-22	-19	-19	-14	-13	-12	-11	-16	-28	-24	-25
12	-24	-22	-26	-32	-27	-24	-22	-19	-19	-16	-21	-18	-20	-21	-19	-21	-33	-41	-49	-51	-55	-59	-56	-64
13	-67	-59	-58	-60	-59	-60	-59	-56	-43	-38	-40	-42	-40	-41	-35	-29	-28	-32	-29	-27	-26	-25	-22	-19
14	-17	-14	-10	-12	-10	-5	-1	-1	1	11	7	18	19	10	4	-6	-9	-5	-3	-4	-7	-7	-9	-13
15	-17	-21	-19	-20	-19	-21	-24	-28	-33	-38	-42	-42	-45	-57	-79	-91	-110	-123	-128	-127	-133	-147	-139	-133
16	-137	-139	-139	-131	-132	-129	-124	-122	-110	-98	-90	-88	-75	-74	-72	-71	-70	-63	-55	-52	-48	-52	-55	-52
17	-48	-44	-43	-44	-46	-48	-42	-40	-41	-38	-38	-36	-36	-38	-36	-32	-32	-30	-26	-26	-27	-27	-23	-21
18	-24	-26	-30	-28	-25	-17	-34	-57	-58	-55	-39	-28	-30	-37	-34	-43	-63	-62	-54	-56	-51	-47	-45	-40
19	-42	-41	-38	-35	-30	-28	-35	-35	-38	-37	-40	-27	-23	-16	-14	-14	-19	-16	-13	-15	-27	-37	-33	-30
20	-29	-27	-26	-25	-20	-21	-20	-21	-19	-23	-29	-31	-23	-21	-19	-17	-17	-21	-30	-42	-51	-55	-55	-44
21	-39	-38	-34	-29	-31	-31	-35	-37	-33	-33	-25	-20	-14	-17	-18	-34	-31	-24	-16	-15	-31	-46	-46	-39
22	-39	-40	-40	-37	-39	-40	-40	-36	-29	-28	-31	-30	-31	-28	-19	-18	-28	-29	-25	-26	-35	-40	-39	-33
23	-28	-34	-32	-32	-31	-28	-29	-28	-26	-21	-22	-22	-24	-32	-24	-25	-28	-28	-28	-23	-20	-23	-20	-16
24	-19	-24	-21	-20	-19	-16	-11	-11	-12	-14	-17	-16	-24	-36	-35	-25	-25	-32	-28	-17	-17	-26	-30	-29
25	-27	-29	-27	-26	-24	-21	-16	-15	-20	-24	-24	-24	-24	-22	-16	-14	-18	-23	-27	-29	-21	-21	-25	-26
26	-23	-18	-18	-10	-13	-18	-23	-21	-15	-10	-6	-10	-14	-11	1	4	-12	-15	-12	-4	7	3	-4	-1
27	2	7	4	-1	-2	7	-8	-10	-9	-13	-10	-22	-32	-45	-48	-62	-71	-94	-109	-104	-110	-91	-89	-89
28	-89	-86	-77	-70	-65	-65	-65	-61	-55	-53	-47	-43	-41	-44	-50	-50	-55	-57	-46	-44	-48	-53	-51	-46
29	-45	-49	-49	-48	-45	-44	-43	-40	-36	-33	-31	-28	-25	-28	-29	-34	-41	-42	-33	-36	-40	-47	-42	-41
30	-40	-38	-41	-43	-44	-36	-34	-31	-29	-27	-25	-28	-40	-44	-48	-43	-34	-35	-45	-41	-36	-42	-41	-43
31	-40	-40	-40	-38	-42	-37	-32	-28	-35	-30	-29	-30	-37	-38	-37	-44	-45	-51	-44	-41	-42	-49	-50	-47

NOT REPRODUCIBLE

DAILY MEANS OF EQUATORIAL DST FOR 1960

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	-7	11	-16	-219	-97	-28	-37	-24	-19	-54	-33	-100
2	-7	-3	-25	-149	-70	-9	-27	-20	-19	-63	-35	-69
3	-8	-28	-23	-103	-40	-1	-17	-17	-35	-40	-35	-47
4	2	-25	-20	-74	-24	-44	-18	-12	-78	-40	-65	-35
5	-23	-18	-12	-51	-14	-65	-22	-5	-135	-45	-48	-26
6	-22	-30	0	-46	-35	-38	-18	3	-76	-120	-35	-37
7	-13	-4	6	-49	-52	-20	-6	3	-47	-176	-28	-35
8	-3	-1	3	-50	-70	-24	2	-9	-40	-85	-10	-41
9	5	8	6	-36	-57	-25	13	-29	-40	-79	-15	-35
10	-21	12	-8	-25	-43	-15	10	-16	-33	-64	5	-27
11	-38	6	-14	-49	-43	-7	-1	-9	-28	-49	-6	-18
12	-27	-7	-16	-52	-39	6	-5	-19	-29	-23	-27	-32
13	-21	5	-8	-36	-22	6	-4	-11	-39	-10	-203	-41
14	-27	-42	10	-28	-24	-7	-3	-3	-30	-5	-127	-3
15	-66	-24	-5	-20	-25	-8	-51	-1	-7	-20	-99	-68
16	-34	-10	-84	-30	-1	-4	-114	-28	4	-29	-143	-91
17	-7	-12	-34	-37	-13	-1	-70	-104	5	-21	-83	-36
18	-9	-32	-15	-31	-16	9	-36	-58	-22	-49	-63	-41
19	-17	-21	-8	-14	-8	-21	-43	-35	-13	-40	-33	-28
20	-1	-28	0	-9	-0	-18	-36	-48	4	-35	-31	-29
21	-37	-16	-1	1	4	-24	-24	-35	-5	-32	-57	-30
22	-34	-6	7	2	13	-9	-18	-23	-11	-7	-63	-33
23	-28	-9	11	6	13	-11	-16	-9	-17	3	-44	-26
24	-22	-2	11	-101	-40	-8	-3	-1	-34	-12	-28	-22
25	-15	5	3	-79	-34	-6	-2	5	-16	-81	-62	-23
26	-9	13	7	-55	-28	-19	2	9	-5	-96	-50	-10
27	-5	-3	7	-42	-33	-36	-4	3	-32	-71	-39	-42
28	-0	4	-1	-117	-8	-27	13	-10	-17	-70	-40	-57
29	7	-6	-20	-80	-16	-15	-16	-22	-19	-57	-25	-39
30	8		-23	-140	-22	-55	-22	-75	-35	-54	-20	-38
31	17		-66		2		-37	-44		-44		-39
MEAN	-15	-9	-11	-57	-27	-18	-20	-21	-29	-51	-51	-39

ANNUAL MEAN -29

JANUARY 1961

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	-37	-28	-29	-31	-32	-33	-36	-34	-29	-29	-28	-24	-19	-15	-13	-12	-13	-11	-10	-10	-12	-11	-13	-11
2	-9	-10	-12	-14	-10	-8	-9	-9	-10	-10	-6	-13	-13	-12	-8	-6	-8	-8	-7	-10	-7	-4	-5	-7
3	-7	-8	-12	-14	-10	-12	-15	-13	-10	-13	-14	-11	-9	-10	-8	-3	-7	-7	-5	-9	-11	-6	-8	-9
4	-8	-6	-5	-5	-6	-9	-6	1	-5	-1	-3	-2	-4	-2	-1	-2	1	6	11	13	16	17	20	13
5	12	12	11	9	10	12	11	16	13	6	3	4	1	1	5	13	12	9	7	4	-5	-7	-4	-2
6	-2	-4	-7	-9	-8	-8	-8	-5	-3	-5	-9	-8	-5	-3	1	0	-3	-6	-4	-5	-0	1	0	6
7	10	4	1	-0	3	6	6	9	12	13	6	0	3	-1	4	8	8	5	5	6	6	17	10	5
8	-13	-23	-29	-30	-30	-31	-37	-33	-24	-13	-22	-21	-20	-22	-20	-18	-6	-25	-46	-40	-31	-27	-32	-35
9	-35	-34	-30	-20	-32	-36	-36	-38	-42	-40	-28	-36	-43	-46	-49	-61	-68	-71	-75	-73	-69	-78	-70	-63
10	-56	-52	-46	-41	-39	-40	-37	-33	-29	-26	-23	-18	-17	-22	-22	-29	-33	-31	-30	-29	-24	-19	-17	-17
11	-19	-20	-20	-20	-22	-26	-27	-22	-18	-17	-16	-16	-17	-19	-20	-21	-20	-20	-18	-14	-11	-9	-8	-5
12	-4	-4	-4	-3	-1	0	-0	2	2	4	10	7	2	1	1	0	-6	-7	-7	-7	-7	-3	2	1
13	-3	-6	-5	-3	-2	-4	-4	-3	-3	-7	-9	-10	-15	-14	-8	-9	-17	-18	-17	-11	-13	-10	-6	-4
14	-7	-10	-8	-7	-5	-6	-3	-1	1	2	4	5	4	5	1	-2	-7	-7	-8	-10	-12	-14	-16	-16
15	-15	-17	-7	-5	-3	-5	-2	-2	-1	4	5	7	-2	-5	-0	-3	-11	-11	-9	-5	-2	-4	-23	-29
16	-14	-2	-5	-18	-28	-33	-35	-35	-29	-22	-17	-16	-15	-14	-11	-9	-11	-12	-7	-0	14	9	-2	0
17	-5	-10	-10	-8	-10	-14	-16	-14	-12	-7	-5	-4	-7	-7	-2	2	-2	-8	-8	-5	-6	-2	-0	-0
18	1	3	12	15	11	11	9	18	11	-9	-3	5	5	-0	-15	-10	-4	-7	-8	-19	-23	-15	-10	-6
19	-3	3	-7	-11	-10	-11	-14	-12	-12	-8	-6	5	6	6	-0	-11	-26	-46	-45	-48	-58	-67	-68	-71
20	-76	-69	-58	-50	-52	-60	-57	-49	-45	-42	-44	-36	-33	-31	-46	-61	-69	-70	-56	-42	-48	-44	-43	-40
21	-35	-32	-31	-32	-34	-36	-37	-34	-32	-35	-37	-39	-40	-36	-27	-38	-51	-48	-37	-33	-35	-38	-36	-30
22	-27	-26	-22	-20	-19	-21	-30	-33	-32	-28	-23	-31	-30	-29	-26	-28	-47	-39	-37	-30	-26	-23	-22	-23
23	-25	-26	-23	-21	-23	-24	-23	-19	-14	-15	-17	-15	-14	-15	-14	-17	-19	-15	-8	-6	-1	4	6	6
24	2	-0	0	-0	-7	-20	-23	-13	-3	4	2	-11	-18	-14	-13	-13	-18	-23	-25	-24	-20	-19	-14	-13
25	-22	-23	-21	-21	-21	-16	-9	-8	-8	-4	-4	-9	-10	-10	-11	-14	-23	-28	-23	-16	-16	-13	-9	-10
26	-9	-7	-5	-2	-2	-9	-9	-1	2	4	2	-4	-13	-17	-12	-13	-15	-20	-22	-18	-19	-23	-22	-21
27	-24	-20	-15	-14	-14	-16	-16	-19	-7	-4	-6	-3	-3	-7	-8	-6	-8	-6	-4	-2	-2	-0	-1	-1
28	-4	-10	-10	-11	-8	-8	-8	-2	-2	-4	1	0	-2	-8	-8	-6	-9	-8	-18	-23	-26	-24	-21	-15
29	-15	-18	-17	-20	-11	-11	-11	-11	-10	-7	-3	-4	-5	-4	-4	3	3	-5	-12	-19	-20	-13	-12	-15
30	-15	-13	-12	-12	-11	-11	-9	-8	-8	-2	-0	2	3	3	3	2	-1	0	1	1	1	4	2	2
31	3	-1	-3	-1	5	9	3	-3	-4	-2	-2	2	6	8	6	1	1	2	2	0	0	1	-2	-3

FEBRUARY 1961

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	2	6	4	4	4	3	5	8	10	14	13	8	3	0	-2	-2	-3	2	3	5	10	10	10		
2	7	8	10	10	10	11	9	8	5	-1	-3	-2	-1	3	7	10	11	10	12	12	11	11	7	7		
3	8	9	10	12	13	12	11	12	9	16	6	10	20	18	8	10	17	13	15	7	4	4	8	7		
4	10	10	7	6	2	-2	-4	-4	-3	-3	-6	-10	-14	-14	-23	-27	-32	-42	-49	-100	-140	-164	-169	-158		
5	-153	-134	-124	-132	-130	-126	-118	-114	-117	-115	-111	-98	-86	-85	-84	-85	-85	-78	-79	-71	-68	-65	-60	-59		
6	-57	-40	-31	-31	-28	-17	-12	-16	-19	-24	-33	-41	-44	-36	-50	-53	-40	-39	-40	-45	-48	-53	-56	-56		
7	-52	-48	-46	-44	-41	-37	-32	-25	-24	-28	-31	-34	-34	-32	-31	-25	-26	-30	-31	-29	-34	-44	-46	-46		
8	-48	-51	-49	-42	-38	-36	-35	-34	-30	-26	-25	-24	-26	-26	-24	-28	-24	-20	-24	-35	-31	-27	-25	-25		
9	-27	-27	-25	-24	-21	-20	-21	-18	-15	-9	-9	-8	-10	-13	-17	-20	-20	-21	-20	-20	-21	-18	-18	-22		
10	-24	-20	-19	-18	-15	-13	-13	-17	-18	-15	-10	-7	-6	-6	-4	-0	4	3	-3	-6	-7	-4	-4	-5		
11	-5	-3	-5	4	11	14	8	2	3	4	1	-4	-6	-4	-3	-5	-4	-6	-9	-12	-13	-12	-10	-12		
12	-11	-9	-10	-9	-8	-6	-6	-9	-8	-7	-4	-3	-0	1	4	4	2	1	-1	-1	-0	1	0	-0		
13	0	3	8	17	13	12	12	13	12	-3	-11	-15	-31	-20	-35	-53	-58	-53	-49	-39	-32	-30	-36	-29		
14	-30	-26	-21	-16	-15	-11	-12	-12	-13	-17	-20	-21	-18	-16	-15	-12	-8	-3	-4	-8	-19	-20	-24	-23		
15	-18	-11	-9	-9	-8	-8	-10	-8	-5	-10	-10	-16	-12	-6	-5	-4	-4	-7	-8	-9	-11	-11	-12	-11		
16	-9	2	-2	2	4	9	10	-3	-9	-20	-50	-45	-33	-44	-49	-49	-51	-47	-42	-46	-46	-40	-35	-33		
17	-32	-28	-26	-24	-23	-22	-19	-15	-16	-15	-11	-21	-20	-3	-2	-13	-9	-5	-9	-17	-40	-42	-62	-89		
18	-98	-98	-94	-83	-77	-72	-74	-68	-64	-55	-52	-47	-47	-45	-42	-41	-42	-47	-42	-40	-35	-30	-31	-33		
19	-36	-34	-29	-27	-25	-26	-28	-31	-26	-20	-24	-23	-21	-25	-20	-21	-27	-24	-30	-27	-23	-16	-15	-22		
20	-28	-25	-21	-26	-25	-22	-14	-13	-16	-11	-18	-21	-24	-29	-20	-29	-32	-20	-25	-24	-27	-30	-25	-30		
21	-33	-31	-25	-18	-16	-17	-19	-15	-10	-10	-7	-7	-18	-23	-20	-15	-23	-27	-26	-28	-37	-37	-39	-35		
22	-29	-25	-23	-16	-15	-13	-16	-16	-15	-14	-13	-12	-15	-15	-18	-22	-19	-16	-13	-13	-11	-16	-11	-9		
23	-16	-16	-12	-12	-13	-11	-9	-10	-6	1	2	-3	-4	-6	-2	-2	1	2	1	0	-3	-4	-9	-11		
24	-11	-8	-7	-6	-11	-14	-22	-20	-15	-9	-10	-12	-11	-10	-9	-9	-7	-7	-6	-9	-11	-13	-14	-15		
25	-15	-13	-11	-11	-10	-9	-8	-4	-2	-2	-2	-0	3	3	2	3	3	4	5	3	1	-1	-1	-1		
26	-2	-5	-9	-7	-5	-3	-2	-2	-0	3	4	6	6	6	5	3	2	1	1	-1	-3	-0	1	5		
27	9	9	6	5	4	-0	0	4	7	9	9	8	10	12	10	11	13	11	10	12	13	14	12	9		
28	7	-0	-8	-15	-14	-12	-10	-11	-14	-11	-13	-12	-7	-8	-6	-5	-1	-2	-6	-7	-14	-12	-15	-11		

MARCH 1961

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	-9	-8	-7	-7	-12	-12	-8	-7	4	-2	-4	-9	-11	-10	-5	-1	-1	-2	-2	-9	-6	-2	-6	-13
2	-12	-13	-16	-17	-18	-13	-13	-14	-11	1	1	-1	-2	2	4	3	2	3	-1	-2	-0	0	-2	-9
3	-9	-6	-5	-3	-2	-1	-0	-0	3	1	1	1	1	-1	0	1	2	5	7	11	12	12	11	13
4	18	20	21	19	14	9	11	9	9	9	9	8	7	3	-1	1	2	2	4	8	10	11	13	12
5	11	11	10	8	7	11	11	9	9	6	6	5	4	7	13	18	18	14	19	14	-11	-46	-80	-92
6	-104	-115	-100	-95	-93	-93	-96	-97	-92	-88	-79	-65	-55	-39	-39	-40	-40	-39	-37	-38	-34	-28	-29	-29
7	-26	-25	-21	-18	-16	-14	-14	-16	-17	-20	-20	-19	-18	-17	-15	-14	-10	-10	-9	-10	-15	-12	-11	-12
8	-15	-16	-16	-17	-18	-16	-15	-13	-14	-13	-10	-10	-8	-4	-4	-5	-10	-12	-12	-15	-16	-14	-19	-16
9	-12	-11	-14	-11	-12	-12	-15	-18	-15	-11	-9	-8	-7	3	10	5	6	3	-3	-6	-0	3	-5	11
10	15	7	2	-3	-9	-13	-8	-21	-24	-43	-73	-109	-89	-82	-80	-80	-80	-68	-54	-49	-48	-49	-51	-51
11	-53	-54	-52	-50	-48	-46	-40	-38	-33	-34	-37	-36	-39	-41	-40	-37	-36	-35	-29	-38	-39	-34	-33	-31
12	-36	-42	-37	-32	-31	-30	-25	-16	-14	-17	-17	-20	-22	-23	-22	-20	-22	-21	-21	-19	-20	-19	-18	-16
13	-21	-29	-27	-23	-22	-20	-15	-9	-12	-8	-4	-2	-4	-6	-6	-8	-10	-8	-8	-7	-11	-9	-7	-1
14	1	-9	-14	-20	-24	-23	-29	-23	-18	-16	-11	-20	-16	-17	-18	-18	-24	-28	-23	-16	-14	-13	-15	-17
15	-16	-12	-11	-15	-16	-12	-13	-9	-6	-6	-12	-17	-17	-13	-23	-15	-14	-11	-12	-10	-10	-24	-26	-24
16	-18	-28	-35	-31	-26	-27	-30	-20	-10	-9	-6	-8	-12	-11	-9	-11	-19	-20	-20	-16	-14	-12	-10	-7
17	-4	-7	-14	-12	-12	-13	-14	-25	-22	-13	-12	-14	-17	-17	-19	-22	-23	-23	-20	-16	-15	-15	-12	-13
18	-10	-10	-11	-8	-7	-7	-5	-2	-0	-3	-3	-3	-4	-5	-14	-17	-23	-28	-28	-20	-12	-9	-15	-12
19	-3	-2	2	1	-10	-8	-28	-22	-15	-16	-17	-18	-11	-6	-14	-6	-16	-51	-43	-36	-28	-23	-18	-17
20	-21	-23	-23	-24	-20	-17	-17	-12	-5	-7	-14	-17	-21	-19	-20	-19	-15	-15	-18	-16	-11	-13	-11	-10
21	-12	-17	-12	-8	-4	-5	-3	1	3	-4	-6	-5	-4	-5	-5	-6	-5	-7	-12	-19	-17	-17	-16	-14
22	-15	-14	-17	-15	-13	-11	-8	-7	-7	-12	-12	-12	-16	-12	-9	-6	-6	-7	-9	-7	-9	-8	-6	-2
23	-0	-4	-6	-4	-2	-4	2	4	0	-0	-0	0	-1	-5	-8	-1	1	-2	-8	-9	-11	-13	-8	-6
24	-8	-8	-4	-1	-3	-4	0	4	7	9	6	4	7	9	7	5	-1	-1	-1	-1	-2	-6	-7	-4
25	-5	-6	-4	-2	-1	-0	3	8	13	10	7	6	4	7	7	9	9	9	10	10	9	10	10	9
26	7	5	7	12	13	15	21	19	18	12	5	6	13	10	11	14	10	7	8	11	15	20	8	8
27	16	17	14	12	13	9	6	8	6	3	1	3	-3	-5	-4	9	-12	-37	-29	-27	-39	-31	-27	-20
28	-20	-15	-1	-6	-6	-13	-21	-16	-11	-10	-13	-17	-12	-9	-8	-9	-13	-15	-16	-12	-16	-14	-12	-11
29	-12	-11	-10	-9	-7	-4	-2	3	8	9	3	4	-0	-3	5	10	12	11	8	-3	-1	-1	3	6
30	4	4	3	-7	-17	-17	-18	-19	-12	-16	-17	-14	-7	-9	-5	-5	-5	-9	-10	-7	-3	1	1	2
31	3	3	8	8	8	9	11	13	12	10	6	8	11	14	14	32	30	36	30	33	30	27	26	27

APRIL 1961

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	10	0	-16	-6	-2	-7	-10	-6	-10	-10	2	2	-3	-5	-7	-12	-18	-13	-9	-12	-10	-4	3
2	-3	-9	-7	-3	-5	-7	-14	-16	-11	-18	-19	-16	-14	-14	-15	-13	-13	-13	-19	-15	-20	-35	-37	-35
3	-38	-43	-43	-38	-46	-54	-43	-33	-49	-51	-46	-31	-26	-32	-40	-39	-40	-47	-48	-46	-40	-38	-37	-41
4	-34	-29	-27	-23	-22	-23	-24	-19	-16	-16	-16	-14	-12	-16	-14	-13	-13	-14	-14	-14	-10	-7	-4	-4
5	-8	-12	-12	-12	-5	-3	-2	-4	-6	-6	-7	-5	-4	-3	-3	-4	-5	-4	-4	-3	-2	-2	-1	-1
6	-3	-6	-6	-4	-2	-3	-7	-2	-2	-4	-7	-4	-0	-1	4	8	2	-2	-13	-4	-3	-9	-14	-15
7	-14	-7	-11	-8	-2	-1	2	4	6	6	6	5	7	9	9	7	10	8	8	10	10	10	10	6
8	3	2	5	8	9	10	10	-10	13	10	6	5	7	5	4	4	6	6	4	9	15	17	11	11
9	7	4	5	10	12	11	17	19	25	17	1	-2	-8	7	-1	-8	-14	-14	-14	-14	-8	-3	-6	-21
10	-14	-10	-11	-9	-7	-10	-9	-3	2	1	3	4	1	-4	-8	-3	-2	-5	-7	-6	-7	-6	-6	-7
11	-5	-6	1	-1	-10	-12	-14	-6	-3	-0	-0	-1	0	-10	-11	-18	-28	-38	-29	-20	-18	-19	-20	-21
12	-17	-12	-9	-8	-8	-9	-11	-12	-6	-5	-6	-8	-9	-9	-15	-16	-13	-10	-9	-8	-11	-14	-11	-11
13	-12	-10	-7	-7	-7	-7	-4	-0	4	4	1	-3	-4	-9	-13	-5	6	10	11	12	15	13	12	12
14	10	9	14	16	18	22	12	4	7	1	-13	-12	-16	-19	-28	-33	-51	-63	-70	-74	-90	-112	-128	-120
15	-113	-91	-101	-97	-88	-87	-69	-74	-65	-55	-50	-55	-54	-56	-53	-52	-61	-47	-42	-44	-55	-57	-49	-47
16	-43	-40	-34	-32	-33	-33	-29	-31	-32	-30	-28	-26	-29	-30	-28	-28	-30	-27	-29	-31	-41	-52	-47	-41
17	-35	-32	-29	-27	-26	-24	-24	-23	-24	-23	-25	-22	-23	-21	-18	-17	-15	-16	-18	-20	-19	-19	-19	-19
18	-17	-15	-13	-12	-12	-12	-14	-16	-16	-12	-11	-12	-12	-10	-10	-12	-12	-10	-10	-10	-11	-14	-15	-15
19	-14	-13	-12	-11	-7	-4	-5	-5	-5	-10	-10	-12	-10	-10	-10	-6	-3	-3	-9	2	2	2	-3	-12
20	-12	-12	-9	-10	-12	-8	-7	-7	-4	-4	-2	-3	-3	-5	-6	-8	-10	-9	-8	-6	-3	-1	-4	-4
21	-2	1	2	1	-1	-3	-1	-1	-4	-5	-5	-5	-7	-6	-3	-3	-1	1	-1	-2	-3	-6	-2	-1
22	1	5	8	7	6	8	11	12	15	16	17	20	18	4	-8	-8	-5	-5	-11	-20	-23	-34	-39	-29
23	-22	-18	-15	-13	-14	-11	-10	-11	-8	-11	-15	-13	-17	-16	-12	-12	-11	-11	-15	-21	-25	-28	-28	-31
24	-22	-16	-10	-12	-11	-7	-4	-3	-2	-3	-4	-4	-4	-6	-9	-11	-16	-17	-21	-25	-24	-23	-29	-28
25	-23	-14	-3	-6	-13	-15	-13	-11	-12	-13	-11	-12	-13	-15	-15	-14	-12	-13	-16	-19	-18	-15	-11	-12
26	-13	-12	-13	-15	-15	-8	-6	-5	-1	4	3	1	-2	-3	-8	-9	-8	4	-1	-3	-2	-4	-8	-8
27	-6	-4	-4	-6	-12	3	9	7	7	7	7	15	12	4	1	2	-2	-4	-7	-11	-13	-14	-11	-11
28	-8	-10	-1	-6	-15	-15	-17	-14	-10	-7	-5	-6	-7	-7	-8	-10	-7	-5	-7	-2	1	1	-2	-5
29	-2	-2	-2	-4	-6	-7	-5	-3	-2	0	6	2	-1	-2	-3	3	12	15	17	11	5	-5	-13	-13
30	-10	-7	-5	-8	-12	-12	-5	-0	1	2	6	5	2	1	4	2	7	2	3	6	0	-5	-3	-6

MAY 1961

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	-5	-13	-23	-19	-10	-7	-9	-10	-9	-6	-10	-17	-11	-8	-5	-9	-7	-4	-4	-4	-4	-8
2	-26	-38	-28	-17	-18	-16	-16	-16	-20	-21	-19	-17	-17	-15	-15	-16	-16	-16	-16	-14	-13	-11	-10	-12
3	-11	-9	-9	-11	-14	-14	-14	-13	-12	-13	-11	-10	-9	-6	-6	-7	-5	-2	-1	2	4	6	2	-0
4	3	4	3	0	-4	-5	-3	-3	-4	-8	-5	-2	-2	-2	0	6	11	13	10	-1	-9	-23	-38	-48
5	-33	-18	-16	-10	-12	-16	-15	-9	-10	-7	-4	-1	-2	-2	0	-6	-20	-15	-3	-8	-12	-13	-15	-25
6	-15	-9	-8	-8	-9	-21	-37	-33	-25	-19	-26	-27	-27	-29	-23	-17	-19	-20	-20	-21	-25	-20	-17	-14
7	-11	-6	-3	-10	-17	-14	-9	-7	-11	-9	-8	-12	-21	-19	-17	-15	-9	-11	-7	-8	-10	-11	-13	-17
8	-12	-11	-10	-16	-20	-20	-10	-5	-4	-8	-8	-9	-7	-8	-7	-9	-9	-15	-17	-12	-7	0	-0	1
9	6	8	4	-3	-7	-10	-14	-15	-12	-15	-11	-9	-10	-12	-20	-24	-19	-19	-21	-20	-18	-18	-18	-16
10	-10	-8	-7	-10	-11	-10	-5	-4	-7	-14	-13	-11	-12	-12	-8	-7	-7	-8	-9	-4	4	9	8	5
11	5	7	-1	-3	-2	-8	-4	-3	-1	4	3	1	-2	-5	-2	-4	-9	-10	-13	-10	-5	-7	-4	-2
12	-7	-7	-5	-15	-15	-12	-14	-11	-7	-5	-4	-5	-5	-7	-6	-8	-11	-12	-10	-10	-6	-6	-5	-0
13	-4	-19	-25	-28	-28	-26	-21	-17	-15	-13	-12	-15	-14	-11	-13	-19	-21	-23	-22	-22	-21	-16	-9	-4
14	-4	-4	-9	-16	-24	-21	-17	-16	-14	-12	-10	-14	-16	-17	-21	-22	-20	-20	-22	-19	-16	-13	-9	-6
15	-2	3	3	-1	-4	-2	-1	-0	1	3	5	4	3	1	-3	-3	-1	-3	-7	-10	-15	-20	-19	-22
16	-24	-25	-17	-13	-10	-14	-26	-25	-18	-17	-14	-9	-9	-11	-22	-24	-24	-15	-16	-15	-10	-14	-11	-12
17	-13	-12	-14	-16	-15	-12	-11	-9	-8	-3	-2	-4	-10	-11	-15	-15	-12	-13	-10	-6	-3	-1	-1	-2
18	-1	-0	-2	-5	-6	-5	-4	-2	-2	-1	-2	-3	-2	-2	-3	-2	-3	-0	3	5	5	5	6	10
19	9	7	2	4	6	8	10	9	2	-1	3	0	3	12	11	11	6	5	2	6	6	1	6	15
20	14	5	5	-11	-22	-26	-25	-18	-13	-13	-16	-16	-18	-23	-22	-21	-21	-15	-11	-13	-7	-6	-4	-3
21	2	2	1	-1	-2	2	5	6	6	5	2	1	4	7	7	7	5	1	3	3	8	13	18	14
22	10	13	14	15	14	25	26	27	30	23	21	18	24	33	32	33	40	14	7	0	-1	-4	-1	5
23	13	15	11	16	9	-3	1	2	1	-0	-2	-4	2	3	2	-3	-5	-10	-12	-15	-12	-7	-2	-2
24	-3	-4	-4	-9	-11	-6	-3	-1	-5	-6	-8	-7	-2	1	3	3	2	3	2	0	-1	-2	-1	2
25	-2	-13	-12	-4	-1	-2	-18	-38	-43	-45	-43	-38	-36	-41	-45	-46	-50	-52	-51	-52	-51	-47	-44	-38
26	-30	-21	-17	-18	-18	-14	-13	-13	-9	-10	-11	-9	-10	-8	-4	-1	3	3	-0	1	2	-0	-3	-4
27	-4	-6	-8	-9	-5	-5	-3	-1	-1	-3	-5	-7	-6	-7	-9	-12	-14	-16	-16	-16	-13	-13	-14	-12
28	-12	-12	-11	-14	-12	-8	-6	-1	4	9	10	12	16	10	15	14	5	-7	-17	-19	-21	-19	-24	-11
29	-4	-2	-4	-9	-9	0	5	7	9	7	8	9	8	7	10	9	7	5	7	7	6	3	6	5
30	6	4	-0	4	13	19	23	24	16	12	18	28	26	33	34	24	21	17	19	19	16	12	10	20
31	20	21	4	7	13	16	10	5	6	-10	-21	-13	-4	-1	-8	-10	-16	-20	-27	-28	-27	-23	-22	-27

JUNE 1961

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	-28	-20	-17	-14	-10	-3	1	1	-2	1	2	4	-1	-1	-1	-8	-17	-18	-17	-18	-18	-21	-20	-19	
2	-18	-14	-13	-12	-9	-1	1	1	-7	-7	-5	-3	-2	-3	-13	-19	-13	-22	-14	-11	-11	-11	-12	-10	
3	-9	-10	-9	-4	-2	-1	-5	-2	-6	-11	-12	-8	-3	-3	-7	-12	-15	-14	-12	-11	-10	-9	-7	-7	
4	-6	-6	-9	-5	1	3	6	5	2	4	4	6	8	9	7	2	-5	-7	-10	-11	-11	-7	-5	-7	
5	-10	-11	-9	-8	-5	-2	-3	-3	-1	-4	1	6	12	15	10	5	2	0	-4	-12	-12	-7	-2	-1	
6	-3	-1	3	7	15	16	16	13	9	9	14	19	21	19	17	16	16	2	-14	-18	-15	-20	-14	-6	
7	-8	-12	-15	-13	-5	4	12	18	17	14	7	7	10	8	-3	-8	-11	-17	-25	-26	-26	-19	-6	-8	
8	-11	-10	-9	-8	-4	3	7	4	2	-2	-3	-4	-2	-4	-11	-11	-11	-12	-15	-15	-16	-8	-9	-9	
9	-8	-7	-5	0	7	8	9	7	6	6	5	5	7	6	2	-1	-4	-8	-10	-13	-14	-7	-5	-6	
10	-7	-7	-3	2	3	7	10	6	2	1	1	3	4	5	5	4	3	3	-1	-5	-4	-2	0	-0	
11	-2	-3	-1	6	14	19	19	17	15	15	14	13	12	12	14	15	17	16	13	11	13	15	16	15	
12	16	17	16	16	12	3	-0	2	4	5	6	5	3	3	2	3	4	4	2	-2	-4	-4	-3	-1	
13	-1	0	1	4	8	11	9	6	5	4	6	7	7	5	2	-2	-3	-0	4	2	2	3	-0	-1	
14	4	6	8	12	16	20	18	14	10	12	14	13	15	13	12	9	10	12	18	21	18	16	13	19	
15	29	26	26	26	30	30	29	29	24	22	24	25	25	26	22	16	16	18	8	0	-3	1	3	-2	
16	-0	-0	-0	-1	8	12	14	11	6	4	5	5	8	9	7	5	4	9	11	6	0	-7	-8	-5	
17	-2	1	2	2	8	11	13	13	12	12	11	10	15	18	18	17	14	12	6	-1	-4	-2	-1	-6	
18	-8	-9	-5	2	8	14	15	11	5	7	7	6	9	15	19	17	18	18	8	-4	-6	-9	-14	-28	
19	-22	-16	-11	-7	-3	-4	0	0	-8	-13	-10	-8	-4	-3	-3	-8	-7	-4	-6	-8	-8	-8	-6	-5	
20	-6	-8	-7	-3	5	7	11	11	17	18	11	14	19	17	13	10	13	13	10	7	20	20	16	4	
21	-10	-9	-27	-35	-21	-1	2	8	-2	8	5	-17	-25	-30	-32	-36	-39	-56	-73	-85	-75	-74	-89	-85	
22	-69	-85	-89	-67	-62	-62	-61	-54	-49	-58	-51	-37	-46	-54	-53	-47	-49	-47	-41	-24	-23	-24	-26	-28	
23	-44	-49	-41	-37	-31	-28	-27	-26	-24	-25	-24	-22	-21	-23	-26	-29	-29	-31	-29	-26	-21	-21	-21	-22	
24	-23	-23	-27	-24	-21	-15	-13	-12	-13	-16	-16	-17	-18	-18	-16	-16	-16	-19	-20	-21	-17	-11	-10	-13	
25	-15	-16	-14	-8	-6	-6	-5	-5	-8	-11	-10	-4	-1	-1	-2	-8	-15	-19	-19	-16	-9	-10	-15	-18	
26	-19	-19	-16	-11	-7	-3	-2	-2	-3	-2	-0	1	1	-0	-4	-12	-20	-20	-11	-5	-5	-5	-4	-2	
27	-2	-2	-3	-2	-5	-6	-8	-9	-15	-20	-12	-8	-11	-16	-17	-18	-19	-14	-10	-7	-6	-6	-9	-9	
28	-8	-7	-5	-4	-4	-3	-1	2	-1	-4	-6	-5	-7	-4	1	2	3	3	4	6	4	-2	-6	-4	
29	0	1	2	-10	-14	-53	-63	-48	-37	-30	-30	-27	-27	-25	-25	-34	-41	-44	-44	-41	-42	-39	-34	-30	
30	-29	-22	-21	-20	-20	-14	-12	-11	-10	-11	-12	-13	-14	-18	-16	-14	-15	-13	-6	-1	2	3	7	3	

JULY 1961

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	-3	-5	-6	-8	-9	-3	-5	-13	-10	-6	-8	-7	-7	-3	0	-3	-3	-0	4	5	1	-6	-7
2	-7	-8	-5	-3	-6	-6	-5	-7	-2	2	9	9	8	8	14	7	-1	4	6	11	5	-3	-2	2
3	4	5	8	9	10	10	5	4	4	6	12	5	-4	-8	-6	-4	-3	-0	4	4	4	-4	-7	-7
4	-6	1	3	2	2	5	12	19	19	23	23	24	29	28	30	21	16	13	17	23	28	11	-23	-47
5	-51	-49	-59	-64	-55	-47	-45	-42	-38	-35	-31	-29	-26	-23	-24	-45	-48	-43	-38	-39	-35	-34	-27	-32
6	-25	-20	-23	-13	-14	-12	-11	-9	-10	-11	-12	-15	-19	-16	-14	-21	-40	-40	-23	-12	-12	-18	-24	-26
7	-28	-27	-23	-25	-25	-20	-14	-13	-14	-12	-10	-12	-11	-13	-12	-17	-20	-20	-13	-8	-4	-2	-3	-4
8	-4	-8	-10	-11	-14	-12	-10	-10	-16	-16	-13	-10	-14	-20	-19	-19	-23	-21	-15	-9	-4	-5	-8	-10
9	-4	-3	-1	-5	-7	-12	-13	-11	-17	-10	-10	-14	-20	-18	-14	-14	-21	-17	-10	-4	-2	-3	-5	-5
10	-6	-6	-10	-14	-22	-17	-21	-18	-16	-24	-25	-25	-25	-24	-23	-26	-37	-32	-23	-14	-15	-20	-25	-19
11	-15	-13	-11	-12	-15	-16	-12	-8	-7	-8	-9	-6	-5	-7	-6	-5	-4	2	-1	-2	-4	-6	-5	-7
12	-11	-11	-5	-4	-5	-4	-5	-5	-11	-7	-6	-5	-8	-12	-12	-11	-9	-4	1	5	5	0	-0	-1
13	1	3	3	0	-2	-2	1	3	4	3	9	59	80	84	45	-7	-31	-49	-65	-78	-56	-51	-38	-31
14	-42	-42	-38	-41	-41	-42	-37	-35	-40	-72	-96	-102	-108	-117	-124	-131	-141	-132	-120	-101	-81	-88	-91	-86
15	-82	-80	-72	-78	-92	-85	-82	-79	-78	-77	-75	-70	-72	-72	-63	-67	-68	-67	-58	-52	-57	-70	-76	-80
16	-79	-55	-65	-76	-74	-66	-60	-53	-51	-47	-43	-42	-43	-46	-45	-47	-46	-45	-45	-38	-33	-33	-31	-31
17	-33	-35	-36	-39	-35	-33	-30	-21	-24	-23	-17	-21	-30	-39	-37	-30	-29	-29	-20	-26	-51	-30	-49	-48
18	-46	-59	-58	-54	-52	-50	-67	-63	-53	-49	-38	-46	-52	-64	-80	-96	-103	-106	-114	112	-114	-110	-107	-111
19	-91	-80	-84	-87	-89	-81	-72	-66	-60	-55	-51	-48	-48	-47	-45	-48	-52	-51	-44	-37	-34	-34	-35	-36
20	-34	-33	-31	-27	-34	-32	-30	-36	-37	-28	-24	-28	-31	-29	-20	-19	-22	-20	-11	-4	-2	-5	-19	-10
21	-8	-10	-32	-51	-37	-54	-63	-50	-52	-55	-54	-51	-57	-64	-69	-74	-79	-80	-70	-58	-45	-40	-33	-28
22	-22	-24	-27	-26	-30	-31	-38	-32	-34	-34	-28	-29	-32	-37	-44	-44	-44	-41	-38	-33	-30	-28	-28	-29
23	-26	-22	-18	-19	-22	-21	-18	-15	-9	-6	-8	-10	-1	-4	-10	-27	-33	-27	-22	-18	-27	-31	-37	-40
24	-39	-38	-35	-36	-35	-34	-31	-25	-26	-29	-26	-29	-31	-28	-27	-29	-31	-31	-24	-19	-18	-17	-15	-20
25	-22	-21	-15	-27	-39	-44	-31	-26	-33	-28	-20	-17	-20	-22	-26	-29	-32	-32	-31	-21	-16	-18	-15	-13
26	-12	-17	-16	-16	-16	-16	-18	-18	-16	-13	-11	-15	-17	-17	-16	-16	-20	-22	-23	-15	21	-4	-11	-15
27	2	13	17	22	14	7	7	4	-21	-77	-138	-141	-123	-117	-116	-129	-137	-144	-144	-129	-106	-80	-75	-80
28	-84	-88	-80	-83	-81	-81	-72	-66	-65	-64	-58	-52	-60	-67	-73	-74	-73	-69	-59	-56	-60	-53	-53	-55
29	-52	-46	-43	-46	-43	-49	-53	-50	-43	-39	-38	-38	-34	-25	-20	-19	-20	-19	-23	-27	-30	-29	-29	-28
30	-25	-26	-35	-30	-29	-29	-27	-27	-25	-27	-25	-25	-23	-28	-29	-30	-34	-34	-36	-38	-30	-28	-24	-22
31	-22	-17	-16	-15	-17	-16	-17	-17	-14	-14	-16	-14	-12	-12	-10	-8	-11	-15	-17	-23	-18	-17	-17	-13

AUGUST 1961

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	-14	-18	-13	-12	-8	-5	-6	-9	-12	-9	-7	-10	-15	-16	-15	-9	-10	-5	-0	-2	-4	-3	-1
2	-4	-20	-10	-3	-14	-38	-56	-52	-48	-45	-41	-48	-46	-48	-50	-49	-45	-33	-31	-41	-43	-40	-39	-35
3	-34	-33	-28	-26	-31	-43	-38	-32	-30	-30	-26	-20	-17	-20	-23	-23	-23	-26	-31	-30	-32	-36	-32	-28
4	-31	-25	-36	-35	-31	-27	-27	-27	-23	-15	-15	-15	-18	-25	-32	-30	-26	-21	-20	-16	-12	-7	-9	-11
5	-10	-9	-9	-10	-11	-14	-18	-22	-15	-14	-12	-14	-13	-15	-16	-17	-17	-19	-20	-19	-13	-8	-8	-12
6	-8	-4	-2	-5	-6	-8	-9	-9	-9	-8	-8	-11	-11	-14	-12	-12	-14	-13	-10	-7	-6	-6	-10	-9
7	-11	-8	-6	-5	-5	-5	-5	-4	-3	-1	-2	-4	-4	-6	-10	-12	-10	-9	-8	-9	-5	-2	-1	1
8	3	4	3	1	-6	-9	-8	-4	1	-14	-21	-16	-13	-9	-3	-4	-10	-20	-29	-40	-26	-21	-21	-19
9	-19	-17	-18	-20	-19	-19	-17	-16	-14	-12	-10	-7	-8	-9	-6	-5	-8	-7	-7	-4	-0	-1	-3	-5
10	-6	-6	-11	-14	-15	-16	-24	-29	-30	-32	-33	-32	-33	-29	-27	-28	-28	-24	-20	-21	-21	-24	-24	-22
11	-22	-27	-26	-22	-14	-8	-2	0	-11	-12	-15	-18	-17	-13	-17	-21	-20	-27	-46	-52	-42	-38	-38	-32
12	-31	-25	-24	-23	-21	-20	-19	-16	-17	-18	-18	-15	-12	-7	-2	1	3	3	0	0	-5	-2	-3	-4
13	-6	-11	-11	-7	-6	-5	-1	-6	-4	-2	-3	-3	-4	-1	2	4	6	6	4	1	-1	-3	-3	-1
14	-2	-1	0	2	4	4	2	3	1	1	4	8	11	18	22	31	32	16	17	11	6	3	1	-3
15	-1	-0	2	5	7	6	-1	-11	-13	-5	1	9	16	13	9	5	-1	-5	-14	-14	-10	-12	-14	-14
16	-8	-5	-5	-5	2	4	6	4	4	4	6	6	8	12	11	9	9	9	9	10	12	8	4	-3
17	-4	-4	2	7	8	10	12	13	9	9	9	10	13	16	19	17	20	21	15	3	-2	-7	-7	-8
18	-9	2	2	6	7	10	9	6	8	7	10	12	17	23	18	17	17	14	11	9	10	10	9	11
19	8	3	1	2	1	-5	-13	-21	-22	-19	-13	-15	-17	-16	-11	-9	-9	-10	-15	-16	-15	-14	-16	-16
20	-16	-17	-14	-8	-2	-1	-3	-4	-5	-5	-3	-4	-8	-9	-2	2	-6	-19	-22	-22	-16	-13	-13	-14
21	-15	-14	-5	-1	2	3	3	2	-0	-3	-4	-1	4	6	9	9	6	-1	-3	-0	6	7	8	6
22	2	1	1	5	10	11	12	13	10	9	11	13	14	14	13	13	12	11	8	7	6	4	4	1
23	1	1	3	4	7	10	8	7	9	10	10	6	6	6	6	6	7	7	10	11	8	7	8	8
24	8	10	12	13	15	18	19	21	22	22	23	23	26	29	32	33	33	25	18	25	24	16	14	16
25	9	7	10	18	20	16	13	16	10	10	18	13	11	8	4	7	10	9	7	5	5	13	8	5
26	3	10	10	8	10	17	20	18	14	13	16	22	25	31	32	29	27	24	25	29	15	-4	-11	-24
27	-28	-22	-9	-5	-5	-6	-9	-10	-7	-0	3	2	4	6	9	7	3	1	-0	-2	1	1	-4	-7
28	-5	-2	1	5	7	7	5	5	4	3	3	6	5	4	5	4	7	11	10	6	-2	-9	-6	-4
29	-2	1	4	7	9	11	14	13	9	9	12	12	16	18	20	23	26	33	9	-24	-31	-23	-16	-29
30	-36	-43	-34	-14	-7	-8	-5	-1	-4	-2	-5	-9	-16	-24	-31	-37	-52	-51	-44	-34	-32	-35	-46	-54
31	-52	-51	-52	-51	-39	-39	-39	-33	-30	-27	-20	-11	-10	-14	-21	-19	-15	-21	-25	-20	-24	-25	-24	-19

SEPTEMBER 1961

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	-24	-27	-22	-19	-19	-21	-15	-16	-15	-17	-17	-11	-4	-5	-7	-19	-25	-23	-30	-30	-35	-38	-39	-36		
2	-33	-32	-27	-24	-18	-13	-11	-7	-7	-11	-15	-15	-14	-15	-18	-20	-23	-25	-23	-19	-19	-23	-21	-22		
3	-19	-18	-15	-14	-14	-16	-12	-12	-11	-10	-13	-15	-11	-8	-5	-9	-12	-17	-19	-17	-15	-17	-15	-15		
4	-15	-14	-11	-8	-8	-9	-5	1	-2	-3	-7	-6	-5	-6	-5	-3	-0	-0	-1	-2	-2	-6	-9	-12		
5	-15	-15	-19	-19	-13	-10	-6	-6	-7	-6	-2	-7	-5	-7	-11	-11	-12	-14	-12	-17	-23	-23	-18	-13		
6	-9	-10	-14	-18	-17	-14	-10	-5	-3	-1	0	0	3	6	5	2	-1	-1	0	-2	-1	-1	-2	-2		
7	-5	-6	-6	-3	-2	1	5	9	7	7	9	10	14	16	15	12	14	10	11	13	11	10	9	8		
8	6	7	8	8	9	7	8	13	14	12	7	5	5	5	7	14	17	17	14	16	21	21	22	21		
9	23	19	21	22	20	17	12	9	7	3	0	-2	1	3	1	-7	-13	-14	-11	-8	-5	-4	-9	-6		
10	-8	-9	-4	-1	-2	-1	1	5	5	7	6	12	11	6	2	-2	-4	-5	2	8	8	9	5	6		
11	4	6	11	8	7	5	11	16	17	13	13	25	32	31	31	24	-4	-25	-33	-36	-40	-40	-38	-33		
12	-23	-13	-15	-20	-28	-30	-30	-18	-16	-15	-12	-17	-15	-16	-14	-13	-17	-23	-24	-20	-21	-18	-19	-13		
13	-11	-11	-11	-13	-14	-13	-6	-0	3	3	4	5	6	7	5	-1	7	1	-9	-7	-3	-10	-18	-6		
14	6	9	4	4	-4	-11	-5	1	8	13	8	16	12	-4	-15	-22	-24	-27	-20	-24	-30	-24	-31	-31		
15	-24	-20	-21	-17	-14	-13	-13	-9	-12	-17	-20	-17	-16	-19	-19	-20	-23	-22	-19	-14	-10	-14	-18	-18		
16	-15	-15	-16	-14	-13	-10	-6	-4	-0	-1	-3	-2	-4	-7	-5	-4	-5	-4	-7	-6	-12	-21	-15	-11		
17	-15	-27	-32	-37	-34	-28	-24	-21	-17	-15	-14	-14	-11	-10	-11	-15	-17	-21	-19	-17	-13	-12	-12	-13		
18	-17	-17	-19	-20	-20	-15	-10	-10	-11	-10	-6	-1	1	-2	-6	-13	-19	-13	-7	-5	-6	-9	-10	-9		
19	-6	-6	-7	-8	-7	-6	-3	-1	1	2	1	7	5	1	-4	-7	-7	-7	-6	-5	-5	-5	-5	-3		
20	-5	-8	-12	-14	-15	-14	-9	-8	-7	-5	1	4	3	1	-1	-6	1	-2	3	7	2	-5	-3	0		
21	4	6	7	9	8	8	4	5	6	9	12	8	3	10	8	8	7	6	7	8	8	6	7	7		
22	8	9	10	11	10	11	15	20	22	26	29	27	27	27	25	15	5	6	6	2	-6	-4	-1	3		
23	5	7	10	9	8	9	10	12	13	12	13	12	11	12	15	14	12	15	17	17	17	19	19	20		
24	24	28	29	29	27	30	33	28	18	20	18	27	35	41	12	-18	-30	-34	-24	-24	-39	-52	-64	-53		
25	-38	-35	-35	-31	-31	-30	-28	-24	-25	-21	-16	-18	-23	-24	-23	-28	-24	-23	-21	-21	-24	-26	-25	-21		
26	-20	-20	-16	-17	-17	-17	-19	-15	-11	-14	-18	-21	-14	-14	-20	-23	-33	-26	-19	-17	-10	-17	-22	-16		
27	-23	-21	-19	-21	-17	-21	-24	-18	-23	-30	-32	-27	-22	-13	-14	-18	-24	-27	-23	-19	-19	-18	-18	-20		
28	-20	-18	-16	-16	-14	-12	-9	-11	-10	-14	-16	-10	-3	-1	-1	-4	-10	-12	-10	-5	-1	-4	-10	-12		
29	-9	-5	-6	-7	-4	-4	-7	-9	-8	-7	-5	1	4	3	2	-0	-3	-2	3	10	7	6	6	3		
30	-3	-2	-1	-6	-9	-13	-13	-13	-14	-13	-13	-11	-9	-0	3	5	5	5	7	16	-2	57	-1	-31		

OCTOBER 1961

UNIT=GAMMAS																						G. M. V.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DAY																								
1	-82	-104	-126	-140	-99	-119	-159	-156	-157	-136	-128	-114	-107	-103	-100	-98	-97	-97	-90	-83	-76	-74	-77	-76
2	-77	-78	-77	-76	-73	-71	-70	-71	-70	-69	-65	-62	-58	-58	-60	-62	-61	-61	-56	-49	-48	-48	-50	-50
3	-50	-47	-44	-43	-42	-40	-40	-39	-39	-38	-38	-38	-37	-40	-43	-45	-48	-51	-48	-43	-38	-38	-38	-40
4	-40	-37	-35	-33	-33	-31	-30	-29	-29	-29	-33	-33	-37	-40	-45	-43	-39	-44	-44	-36	-32	-35	-34	-36
5	-34	-30	-25	-24	-22	-20	-20	-20	-20	-24	-23	-19	-18	-19	-20	-22	-23	-22	-20	-18	-15	-14	-15	-19
6	-21	-19	-15	-11	-12	-11	-12	-15	-15	-16	-18	-17	-10	-9	-13	-13	-13	-19	-20	-20	-19	-18	-21	-25
7	-28	-28	-24	-26	-19	-16	-18	-18	-18	-14	-12	-13	-15	-13	-9	-11	-11	-12	-12	-10	-10	-10	-8	-7
8	-4	-1	-1	-2	-1	-8	-13	-22	-22	-15	-10	-8	-8	-6	-1	0	-1	-6	-4	-2	1	3	2	2
9	5	8	6	1	-10	-13	-9	-7	-5	-4	-3	-2	-4	-5	-7	-9	-8	-8	-10	-8	-6	-4	-5	-8
10	-8	-6	-4	-3	-2	-1	-2	-3	-4	-4	-4	-3	-4	-6	-3	-3	-6	0	-1	2	1	-1	-2	-0
11	1	3	5	9	12	15	12	18	5	-2	4	3	-7	-7	-4	-3	-5	-7	-7	-7	-22	-24	-20	-24
12	-27	-37	-34	-41	-39	-38	-40	-40	-32	-23	-20	-16	-14	-17	-30	-30	-29	-22	-27	-33	-29	-30	-28	-31
13	-36	-38	-35	-33	-33	-37	-33	-31	-29	-29	-24	-20	-15	-16	-14	-13	-14	-19	-17	-14	-11	-13	-19	-27
14	-29	-29	-26	-21	-19	-20	-23	-19	-18	-15	-15	-17	-18	-16	-12	-10	-10	-12	-13	-13	-11	-12	-13	-13
15	-12	-10	-8	-7	-5	-3	-4	-6	-6	-2	0	0	3	4	4	5	7	7	8	12	10	7	3	-1
16	-0	2	2	3	6	6	5	4	1	-1	-2	-1	-0	1	1	1	4	1	-3	-3	-1	-0	-3	-5
17	-6	-4	1	3	5	7	7	10	11	12	14	15	16	16	14	13	13	12	10	11	13	15	30	31
18	28	26	25	24	21	18	15	16	17	19	17	14	11	13	13	13	13	13	14	5	1	0	-1	-1
19	-0	0	-3	-9	-9	-8	-8	-7	-7	-4	0	4	8	9	8	7	7	6	4	5	4	2	1	-9
20	-17	-36	-42	-45	-45	-50	-45	-50	-43	-33	-27	-26	-21	-18	-19	-20	-18	-21	-22	-21	-18	-21	-21	-20
21	-21	-20	-18	-18	-14	-11	-12	-14	-13	-12	2	10	4	3	2	-6	-17	-27	-33	-34	-29	-33	-38	-31
22	-26	-24	-22	-24	-21	-19	-18	-19	-17	-14	-12	-8	-5	-3	-8	-11	-10	-8	-8	-11	-11	-12	-11	-9
23	-5	-5	-3	-1	0	1	-3	-6	-3	-0	1	-1	3	2	-1	-4	-6	-4	-3	-5	-5	-11	-15	-8
24	-2	1	1	-2	-8	-6	-6	-6	-8	-8	-8	-5	-3	-4	-3	-4	-3	-10	-11	-10	-16	-13	-11	-9
25	-2	3	5	6	4	4	1	-2	-4	-2	-1	3	9	9	6	-0	-4	-5	-10	-16	-23	-20	-16	-19
26	-15	-14	-12	-13	-18	-18	-15	-19	-17	-23	-26	-23	-19	-16	-21	-30	-30	-26	-23	-22	-29	-60	-75	-64
27	-38	-33	-44	-46	-47	-51	-52	-51	-50	-47	-34	-26	-22	-21	-10	-15	-26	-38	-52	-53	-61	-63	-57	-52
28	-45	-41	-39	-41	-40	-38	-38	-37	1	15	-10	-60	-96	-121	-133	-138	-195	-248	-290	-265	-286	-267	-217	-179
29	-167	-166	-159	-145	-139	-131	-88	-75	-96	-86	-53	-69	-70	-69	-71	-74	-76	-80	-83	-82	-80	-78	-76	-74
30	-70	-65	-63	-61	-60	-59	-59	-59	-56	-53	-51	-48	-45	-40	-38	-40	-50	-52	-52	-58	-58	-57	-55	-52
31	-50	-48	-49	-50	-49	-50	-46	-38	-35	-32	-39	-33	-34	-35	-36	-37	-37	-36	-37	-36	-32	-32	-33	-35

NOVEMBER 1961

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	-34	-34	-36	-36	-35	-33	-34	-35	-34	-32	-30	-29	-25	-24	-24	-23	-21	-21	-24	-26	-23	-21	-23	-25
2	-23	-19	-19	-20	-20	-21	-24	-26	-26	-23	-21	-22	-19	-13	-17	-18	-17	-19	-21	-22	-21	-22	-19	-21
3	-22	-24	-27	-29	-27	-24	-23	-24	-25	-17	-11	-9	-11	-12	-16	-17	-16	-18	-20	-21	-22	-19	-18	-16
4	-13	-12	-16	-18	-20	-19	-19	-19	-12	-10	-7	-4	-3	-3	-4	-5	-6	-7	-9	-5	1	-9	-13	-18
5	-13	-15	-10	-7	-14	-23	-22	-19	-17	-16	-13	-6	-5	-18	-21	-27	-31	-33	-33	-34	-30	-30	-33	-30
6	-27	-27	-27	-30	-35	-40	-39	-34	-32	-24	-23	-21	-21	-23	-23	-23	-23	-22	-19	-16	-12	-12	-9	1
7	-1	-14	-20	-15	-22	-29	-42	-54	-61	-58	-50	-51	-56	-60	-70	-72	-71	-84	-86	-94	-88	-78	-84	-69
8	-63	-66	-76	-67	-71	-69	-71	-68	-63	-55	-49	-42	-42	-39	-36	-36	-37	-38	-37	-36	-45	-47	-49	-42
9	-36	-36	-38	-39	-42	-44	-44	-43	-37	-33	-33	-35	-33	-31	-27	-29	-35	-33	-31	-26	-24	-25	-27	-30
10	-28	-26	-25	-25	-24	-21	-20	-18	-20	-18	-16	-9	-7	-11	-17	-24	-26	-24	-24	-21	-19	-20	-23	-21
11	-20	-19	-18	-19	-20	-19	-20	-17	-13	-12	-11	-9	-11	-13	-13	-14	-16	-13	-7	-3	-2	-0	1	3
12	2	-0	-8	-10	-14	-22	-32	-35	-25	-20	-22	-23	-27	-31	-33	-36	-37	-27	-24	-23	-24	-27	-25	-19
13	-22	-23	-27	-31	-31	-30	-27	-24	-22	-21	-18	-15	-14	-15	-16	-17	-18	-15	-8	-3	-5	-5	-4	-0
14	6	11	7	-4	-19	-7	-9	-16	-12	-8	-1	4	2	-4	-6	-8	-11	-16	-25	-28	-26	-23	-19	-17
15	-13	-12	-13	-16	-18	-17	-18	-18	-17	-14	-11	-10	-8	-8	-6	-8	-9	-8	-6	-7	-7	-11	-10	-7
16	-3	-3	-3	-5	-9	-11	-10	-0	-1	-1	-1	-2	-2	-6	-5	-4	-4	-2	-1	1	3	-2	-9	-11
17	-5	-4	-1	-4	-6	-6	-2	3	6	7	9	7	8	5	2	-9	-5	-3	-1	2	-13	-19	-25	-23
18	4	-6	-36	-45	-41	-32	-15	-5	-28	-26	-34	-26	-25	-38	-44	-54	-58	-56	-54	-61	-54	-51	-50	-53
19	-52	-52	-44	-46	-50	-48	-43	-34	-30	-27	-23	-24	-25	-29	-28	-26	-29	-28	-26	-23	-21	-21	-19	-17
20	-15	-14	-16	-19	-25	-31	-33	-33	-26	-10	-7	-15	-26	-35	-38	-32	-34	-33	-33	-40	-41	-35	-35	-30
21	-29	-33	-38	-41	-41	-36	-31	-28	-25	-21	-15	-11	-9	-11	-8	-7	-8	-10	-11	-10	-9	-10	-15	-15
22	-11	-12	-13	-13	-11	-10	-8	-5	-4	-6	-5	-9	-7	-4	-2	-5	-9	-13	-10	-6	-5	-4	-3	-4
23	-6	-6	-7	-7	-7	-9	-6	-2	-1	-5	-4	-2	0	2	4	7	8	6	-0	-2	0	2	3	1
24	-5	-7	-10	-12	-12	-10	-7	-5	-4	-2	-3	-4	-6	-6	-6	-5	-4	-4	-4	-2	-1	2	-0	0
25	2	4	3	2	1	2	7	5	-0	-1	-4	-1	4	10	11	7	8	10	11	10	6	3	1	0
26	2	3	3	2	3	5	8	10	4	-4	-7	-2	3	5	6	9	12	11	15	11	12	4	-3	0
27	-10	-12	-11	-10	-11	-9	-7	-2	3	4	1	-3	-6	-6	-3	-3	-0	4	5	8	9	7	8	-3
28	2	0	-2	-3	-2	4	9	14	17	15	9	2	0	-1	-1	-0	-1	-2	1	-0	-1	2	3	3
29	3	2	-1	-4	-2	1	6	7	8	6	-0	-1	-0	2	3	4	6	9	12	12	10	9	9	4
30	1	3	1	-0	-0	2	2	7	12	11	8	6	3	1	3	4	7	19	23	22	20	21	21	19

DECEMBER 1961

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	16	18	27	33	27	20	8	-13	-9	-25	-21	-41	-61	-74	-91	-106	-92	-87	-89	-78	-73	-68	-52
2	-73	-79	-76	-71	-67	-57	-48	-42	-44	-44	-43	-39	-38	-54	-70	-92	-97	-90	-100	-101	-105	-124	-136	-140
3	-122	-114	-111	-104	-97	-92	-91	-86	-76	-64	-69	-72	-63	-63	-60	-57	-56	-51	-51	-46	-49	-39	-41	-43
4	-43	-41	-40	-42	-45	-45	-40	-40	-36	-34	-37	-40	-39	-38	-36	-34	-30	-31	-24	-21	-24	-25	-26	-25
5	-27	-25	-28	-28	-25	-23	-23	-20	-19	-20	-22	-22	-23	-20	-4	-3	-12	-36	-38	-26	-40	-34	-34	-32
6	-32	-30	-28	-17	-22	-21	-22	-21	-24	-27	-26	-23	-25	-27	-27	-33	-47	-49	-44	-33	-34	-29	-28	-28
7	-27	-27	-24	-17	-9	-7	-5	-15	-20	-28	-26	-24	-28	-27	-21	-20	-20	-19	-18	-16	-16	-16	-17	-19
8	-19	-18	-17	-17	-16	-15	-15	-17	-17	-19	-15	-9	-10	-8	-5	-6	-3	-1	-1	-3	-4	-3	-5	-8
9	-7	-7	-7	-6	-4	-3	-0	1	-4	-6	-6	-4	-6	-7	-7	-3	-2	-2	-2	-7	-9	-7	-3	0
10	-2	0	1	0	-3	-1	-2	-4	-4	-1	-4	-9	-12	-12	-7	-4	-2	-4	-4	-10	-18	-15	-14	-17
11	-17	-17	-17	-15	-14	-15	-16	-18	-16	-10	-15	-16	-15	-18	-21	-25	-27	-30	-36	-40	-43	-37	-32	-33
12	-34	-34	-31	-31	-25	-18	-17	-18	-17	-18	-19	-22	-25	-24	-17	-13	-8	-6	-9	-8	-4	1	2	1
13	-2	-3	-2	-1	-1	1	1	2	6	5	5	2	0	-1	2	5	5	12	14	12	10	7	0	-9
14	-12	-10	-5	-5	-4	-5	-6	-4	1	1	0	-0	-3	-4	-2	3	9	12	12	5	5	5	6	-2
15	-8	-5	-2	1	-0	1	5	6	5	4	2	0	0	-1	-3	0	2	5	4	1	3	2	3	1
16	-3	-5	-2	-0	4	3	4	1	2	-0	-2	-4	-6	-5	-3	1	3	5	3	1	1	5	4	-4
17	-7	-9	-5	-1	-3	-5	-5	-4	-1	-2	-3	1	2	1	-1	0	2	3	2	-1	-0	3	4	3
18	1	-0	0	4	8	10	9	10	12	12	9	8	7	7	10	12	11	10	10	9	9	10	10	10
19	11	11	13	13	13	13	13	14	17	20	17	17	19	16	13	12	11	12	13	15	13	15	16	14
20	14	14	14	12	13	13	8	7	11	13	16	15	12	11	9	11	8	7	7	8	9	12	14	15
21	17	15	14	14	17	20	25	27	28	22	20	18	18	17	18	21	24	27	22	17	15	13	13	19
22	18	18	20	22	19	18	18	18	18	18	19	17	13	8	6	7	5	3	-2	-3	-4	1	8	8
23	7	6	4	6	7	6	5	2	7	10	4	-3	-5	-3	1	8	11	9	8	9	8	8	11	21
24	28	24	13	8	9	10	12	12	15	16	11	4	2	7	10	3	1	-1	-6	-8	-5	-2	0	-1
25	-2	-1	2	5	7	8	7	7	6	1	-4	1	4	6	8	11	11	11	7	4	2	1	4	6
26	9	12	14	17	17	19	19	21	23	22	15	13	13	11	10	13	14	11	6	1	2	2	4	14
27	13	44	35	20	20	19	11	13	11	6	3	1	2	3	5	11	17	17	15	17	29	31	29	16
28	10	8	2	6	9	8	11	16	17	11	-4	-7	-1	-0	-1	-18	-31	-29	-18	-14	-16	-12	-13	-24
29	-21	-17	-12	-15	-14	-11	-10	-6	-2	-4	-6	-2	-3	-8	-4	2	3	4	1	1	-1	-2	-7	-7
30	-4	-2	0	-9	-10	-10	-10	-7	-3	-2	-2	-5	-9	-11	-15	-26	-28	-22	-19	-16	-14	-12	-12	-12
31	-14	-16	-16	-13	-10	-9	-11	-8	-6	-5	-6	-5	-6	-8	-4	-4	-6	-8	-11	-13	-5	-4	-2	-5

DAILY MEANS OF EQUATORIAL DST FOR 1961

CAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	-22	5	-6	-6	-8	-10	-4	-9	-21	-108	-28	-34
2	-9	7	-8	-15	-18	-10	1	37	-19	-63	-21	-76
3	-10	11	2	-41	-7	-8	2	29	-14	-42	-20	-72
4	1	-39	10	-17	-4	-1	11	22	-6	-36	-10	-35
5	6	-99	-1	-5	-11	-2	-40	-14	-12	-21	-21	-24
6	-4	-38	-65	-4	-20	5	-18	-9	-4	-16	-23	-29
7	6	-35	-16	4	-11	-4	-15	-6	7	-15	-55	-19
8	-26	-31	-13	8	-9	-7	-13	-12	12	-5	-52	-10
9	-49	-19	-5	1	-12	-1	-10	-10	3	-5	-34	-5
10	-30	-9	-44	-5	-6	1	-20	-23	2	-3	-20	-6
11	-18	-3	-40	-12	-3	12	-8	-23	0	-2	-12	-23
12	-1	-3	-23	-10	-8	5	-5	-11	-19	-29	-23	-16
13	-8	-17	-12	1	-17	3	-5	-2	-4	-24	-17	3
14	-5	-16	-18	-30	-15	13	-81	8	-8	-17	-10	-0
15	-6	-9	-14	-65	-4	19	-73	-2	-17	0	-11	1
16	-13	-26	-17	-34	-16	4	-50	5	-8	1	-4	0
17	-7	-23	-16	-22	-9	7	-32	8	-19	11	-3	-1
18	-1	-57	-11	-13	-0	4	-75	10	-11	14	-37	8
19	-21	-25	-17	-7	6	-7	-57	-11	-3	0	-32	14
20	-51	-23	-16	-7	-13	10	-24	-9	-4	-29	-27	11
21	-36	-22	-8	-2	5	-33	-51	1	7	-16	-20	19
22	-28	-16	-10	-1	17	-50	-33	9	13	-14	-7	11
23	-14	-6	-4	-16	-0	-28	-20	7	13	-3	-1	6
24	-12	-11	0	-13	-2	-17	-28	21	3	-6	-5	7
25	-15	-3	6	-13	-34	-10	-25	11	-26	-3	4	5
26	-11	0	11	-6	-9	-7	-14	15	-18	-26	5	13
27	-9	9	-5	-1	-9	-10	-70	-3	-21	-41	-2	16
28	-10	-9	-12	-7	-4	-2	-68	3	-10	-117	3	-4
29	-10		1	0	4	-31	-35	5	-1	-95	4	-6
30	-3		-8	-1	17	-12	-29	-26	-2	-54	9	-11
31	1		17		-6		-15	-28		-39		-8
MEAN	-13	-18	-11	-11	-7	-6	-29	-6	-6	-26	-16	-9

ANNUAL MEAN -13

JANUARY 1962

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	-5	-5	-1	0	0	1	-0	-0	3	5	4	2	1	-1	1	2	1	4	6	9	9	8	1
2	-5	-6	-8	-7	-5	-0	-2	-12	-18	-15	-4	-8	-13	-15	-14	-12	-11	-15	-14	-12	-7	-6	-10	-9
3	-9	-8	-6	-4	-2	-2	-2	-2	-0	4	6	7	5	-1	-4	0	4	5	6	6	5	5	4	2
4	0	-3	-1	1	3	2	-0	-1	2	6	10	11	8	7	8	8	5	3	4	8	10	11	10	8
5	7	6	6	8	9	7	6	7	10	12	14	17	17	17	20	23	22	21	19	18	18	20	20	17
6	16	17	14	15	17	17	19	20	19	20	22	19	15	14	16	17	18	14	10	8	13	17	21	21
7	18	17	18	22	23	25	25	23	26	30	29	26	24	27	25	22	15	9	11	12	7	1	-4	-2
8	2	4	6	6	6	5	3	2	6	11	14	18	21	17	11	10	6	11	17	18	17	17	18	19
9	19	21	18	15	16	15	15	17	20	21	18	13	11	8	9	9	10	5	4	10	6	4	8	11
10	13	13	34	13	-2	9	9	28	41	28	-20	-40	-45	-59	-68	-79	-85	-76	-77	-82	-70	-62	-61	-55
11	-45	-48	-45	-43	-42	-44	-39	-40	-38	-34	-31	-29	-30	-30	-30	-28	-30	-32	-31	-30	-28	-26	-27	-27
12	-26	-26	-26	-23	-21	-21	-22	-21	-17	-14	-17	-19	-23	-26	-25	-21	-18	-17	-16	-16	-17	-19	-19	-20
13	-15	-15	-14	-15	-14	-14	-12	-12	-10	-7	-11	-14	-13	-14	-15	-10	-6	-4	-4	-4	-6	-10	-11	-7
14	-2	4	7	8	6	6	6	3	3	-1	-1	2	2	1	2	-7	-22	-20	-15	-18	-20	-26	-34	-21
15	-11	-10	-11	-13	-11	-9	-11	-13	-17	-13	-11	-12	-15	-15	-14	-10	-10	-5	-2	-5	-4	-7	-13	-9
16	-4	-2	-3	-4	-3	-5	-7	-1	4	7	4	-6	-10	-5	-1	1	-2	-6	-4	-6	-12	-10	-8	-7
17	-6	-4	-5	-6	-10	-10	-10	-8	-6	-5	-4	-3	-5	-9	-8	-6	-6	-5	-7	-11	-13	-9	-7	-7
18	-5	-3	1	1	1	1	3	7	8	7	6	2	1	1	0	-2	-6	-2	2	3	5	6	5	8
19	11	26	27	25	29	24	4	-6	-3	-5	0	4	7	4	-6	-20	-28	-36	-27	-20	-20	-20	-24	-23
20	-15	-9	-9	-10	-15	-16	-15	-16	-18	-16	-16	-17	-21	-21	-18	-14	-12	-13	-13	-15	-10	-4	-2	1
21	2	5	6	7	7	5	2	1	-1	-5	-6	-3	-2	-4	2	2	1	-3	-3	-4	-2	-2	-8	-7
22	-5	-3	-3	-4	-5	-6	-5	-7	-7	-8	-8	-5	-2	-2	-2	-4	-4	-3	-1	-2	-4	-4	-2	1
23	2	2	2	1	2	3	4	6	6	4	3	2	1	-0	-4	-5	-2	0	2	2	0	2	3	3
24	6	7	7	7	7	8	10	12	12	10	6	3	3	5	7	6	5	8	10	11	10	10	7	8
25	11	16	16	14	13	16	23	26	26	15	10	10	11	13	13	13	17	16	19	18	17	15	15	17
26	19	11	15	4	4	5	6	13	16	15	12	9	5	1	4	-1	-1	-2	-11	-15	-11	-4	-7	-6
27	-5	1	4	7	4	3	2	4	9	5	-1	-1	1	-2	-8	-9	-9	-8	-9	-10	-11	-9	-7	-4
28	-6	-4	-2	-2	-2	-2	-2	5	5	3	1	1	0	-2	-4	-5	-3	-2	-3	-5	-5	-5	-7	-10
29	-8	-6	-4	-4	-3	-1	1	8	8	8	10	13	11	2	-6	-7	-5	-2	-3	-5	-4	1	4	-2
30	-7	-9	-10	-9	-6	-3	-2	3	7	6	2	-1	-5	-8	-10	-6	0	2	4	7	6	0	-1	0
31	1	1	3	1	-1	-2	2	7	12	14	11	10	9	5	2	1	0	0	-0	-2	0	6	8	9

FEBRUARY 1962

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	9	8	7	8	8	10	14	16	20	24	24	24	25	23	20	21	22	22	23	20	19	21	20	15
2	12	7	8	12	11	10	8	11	20	23	21	20	19	15	14	11	12	12	7	3	1	-0	-1	-2
3	0	4	5	5	3	3	5	6	9	14	19	20	20	18	16	14	9	10	9	3	0	3	3	4
4	7	10	15	14	13	12	6	13	19	34	61	63	42	17	-8	-30	-42	-52	-57	-55	-45	-50	-47	-30
5	-22	-14	-21	-44	-43	-41	-40	-37	-34	-32	-27	-23	-21	-18	-21	-17	-16	-9	-12	-12	-16	-18	-17	-15
6	-16	-14	-14	-15	-16	-15	-15	-10	-4	-2	-6	-6	-3	0	-1	-2	-3	-0	0	-0	-4	6	4	-1
7	-3	-4	6	6	-1	-6	-6	-7	-7	-2	-6	-2	2	4	-0	-10	-15	-19	-17	-15	-14	-17	-16	-13
8	-10	-8	-7	-6	-6	-5	-5	-3	-3	-3	-1	-2	-1	-1	-0	2	1	3	3	3	4	5	3	6
9	6	3	6	5	6	8	8	4	1	4	4	2	3	8	10	7	2	-3	-4	-3	-0	-2	0	2
10	4	5	6	5	9	9	10	11	11	10	8	6	5	4	4	6	5	1	3	6	9	11	12	12
11	13	11	10	9	8	10	12	16	17	16	24	24	18	17	24	26	27	28	18	-2	-26	-46	-43	-41
12	-46	-56	-46	-34	-30	-28	-29	-28	-23	-17	-13	-13	-15	-17	-20	-25	-29	-27	-30	-29	-27	-26	-24	-29
13	-23	-18	-15	-18	-12	-11	-7	-5	-3	-4	-4	-5	1	1	-1	-5	-17	-18	-13	-13	-10	-12	-12	-13
14	-15	-20	-19	-17	-20	-20	-16	-9	-6	-7	-9	-7	-6	-5	-4	-5	-8	-4	-3	-6	-8	-7	-9	-9
15	-3	-1	-6	-6	-5	-3	2	7	6	2	4	5	5	3	6	9	13	-1	-5	3	13	20	22	24
16	30	37	41	37	43	46	37	31	15	-5	-22	-18	-24	-27	-42	-66	-76	-72	-72	-79	-69	-69	-62	-52
17	-45	-49	-48	-46	-46	-45	-35	-33	-29	-33	-35	-29	-22	-17	-17	-21	-23	-21	-20	-24	-26	-27	-25	-22
18	-19	-17	-17	-16	-14	-14	-13	-14	-16	-21	-15	-9	-5	-3	-5	-7	-10	-8	-12	-11	-10	-11	-15	-11
19	-11	-7	-7	-6	-4	-6	-8	-6	-8	-7	-5	-5	-4	-6	-7	-6	-5	-4	-1	0	0	0	0	2
20	6	7	8	7	5	4	4	3	0	-2	-5	-1	5	6	4	9	0	1	3	5	5	3	5	8
21	9	11	11	10	7	2	-3	-3	-2	-1	-2	-1	1	7	8	11	1	-4	-9	-4	-6	-1	2	2
22	3	6	23	29	16	12	11	10	7	6	3	-1	1	4	1	-8	-12	-11	-6	-5	-5	-3	0	3
23	3	4	1	-1	-3	-4	-2	1	5	2	-3	-1	6	11	4	-0	-6	-3	0	-1	-4	-8	-8	-8
24	-7	-2	1	1	1	-1	-0	-0	3	1	-2	-6	-2	-5	-8	-16	-19	-21	-24	-18	-14	-7	-6	-4
25	-3	1	2	-0	-4	-3	-4	-1	0	4	5	5	6	5	3	1	0	6	10	11	7	8	6	-4
26	-12	-10	-5	-3	1	-0	-1	2	5	12	23	28	48	58	66	65	43	20	-5	-24	-25	-19	-13	-18
27	-21	-17	-8	-6	-2	9	14	7	-1	-12	-16	-16	-16	-16	-19	-26	-31	-33	-27	-33	-34	-28	-26	-26
28	-26	-22	-18	-14	-13	-13	-12	-13	-13	-9	-8	-8	-4	0	3	6	5	6	5	2	-1	2	0	-0

MARCH 1962

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	-1	-0	0	1	5	2	-1	-1	1	4	13	13	6	5	7	4	5	5	7	9	4	0
2	-1	-5	-3	-3	-6	-7	-5	-4	-6	-4	-4	-5	2	5	2	-3	-9	-11	-16	-11	-4	-0	-0	-1
3	-0	6	7	6	3	5	5	6	9	13	16	17	24	19	1	-7	-14	-18	-20	-21	-24	-31	-33	-28
4	-25	-22	-16	-10	-9	-7	-2	1	6	9	8	3	4	7	9	7	3	3	8	11	10	8	9	8
5	10	11	12	13	13	13	16	22	12	5	5	11	11	-3	-2	-4	-16	-24	-19	-18	-14	-11	-12	-5
6	-0	4	3	-16	-11	-12	-11	-12	-7	-4	-5	-6	-7	0	-7	-20	-28	-28	-28	-28	-24	-24	-24	-22
7	-17	-15	-16	-16	-16	-16	-14	-14	-15	-10	-9	-10	-11	-11	-10	-9	-8	-12	-8	-6	-6	-5	-6	-8
8	-8	-7	-6	-6	-6	-5	-5	-5	-2	-2	-3	-3	-4	-3	-3	-2	-4	-5	-5	-4	-4	-3	-3	-5
9	-4	-2	-1	-0	1	3	4	6	8	8	6	5	3	2	0	-1	-1	-0	3	2	3	5	7	10
10	12	7	2	-1	-4	-7	-10	-5	-1	-2	-8	-12	-12	-13	-14	-12	-16	-21	-14	-6	-4	-11	-25	-23
11	-16	-15	-16	-14	-13	-8	-8	-9	-10	-6	-6	-5	-2	-2	-4	-6	-10	-21	-17	-13	-12	-10	-9	-8
12	-5	-3	-2	-2	-3	-4	-4	1	-2	1	0	-2	-4	-16	-21	-26	-25	-20	-23	-32	-36	-28	-30	-21
13	-17	-21	-15	-14	-14	-14	-14	-13	-11	-8	-8	-8	-7	-7	-8	-9	-10	-5	-5	-2	-1	-1	0	-3
14	-4	-3	-1	-1	-1	-2	0	-1	-3	-3	2	5	3	0	-2	-1	-0	1	6	5	5	8	10	10
15	8	5	-0	-5	-8	-9	-9	-4	3	8	12	13	13	14	15	13	9	12	13	11	10	5	3	10
16	14	14	10	10	10	10	12	9	6	8	9	11	12	11	11	9	5	6	10	12	13	15	14	13
17	14	15	13	10	8	9	10	10	11	11	14	15	16	11	7	6	8	9	11	14	14	16	17	16
18	17	18	20	17	18	22	28	21	24	22	23	24	20	15	16	14	7	7	8	5	-1	-1	5	7
19	8	7	11	12	11	4	3	8	15	19	18	12	6	-2	-13	-13	-9	-7	-17	-27	-28	-20	-8	-5
20	-4	-1	-0	-2	-7	-4	-4	-1	5	6	10	11	10	8	5	1	-1	-12	-17	-9	-1	0	-5	-12
21	-15	-9	-7	-6	-7	-9	-7	-8	-14	-8	-5	-4	-1	-1	-10	-11	-18	-19	-17	-15	-21	-23	-18	-10
22	-4	-2	-1	-2	-2	-1	1	-0	-2	-1	1	3	2	5	6	6	6	6	10	13	13	15	6	5
23	8	9	8	7	5	6	7	5	3	3	1	1	1	2	2	3	2	4	8	10	15	17	18	17
24	17	9	7	4	4	6	5	1	-0	-5	-1	1	3	7	8	9	7	4	6	14	17	20	20	17
25	23	15	11	5	-1	-6	-1	-3	-4	-4	-3	-4	-5	-9	-9	-6	-7	-7	-2	2	2	3	5	7
26	9	6	5	1	0	2	2	2	-1	-1	0	3	5	6	7	6	7	10	14	15	18	19	19	15
27	15	14	13	15	16	17	15	11	13	12	10	13	15	14	12	17	21	25	21	22	24	23	22	20
28	19	18	18	16	19	19	21	23	21	18	16	17	14	12	12	13	8	8	9	9	3	-1	5	1
29	-6	-13	-15	-12	-9	-6	-8	-8	-6	-1	4	7	4	0	1	3	5	6	6	5	7	10	13	9
30	8	5	6	6	7	5	5	5	4	6	7	8	8	9	14	15	16	15	11	7	2	1	3	3
31	4	7	12	13	16	19	20	19	15	16	13	13	15	16	16	18	21	21	18	22	28	33	34	26

APRIL 1962

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	26	27	26	16	9	7	2	5	1	2	1	-5	-7	-5	-2	-0	-1	-2	-4	-4	-2	2	5	6
2	4	2	0	-2	3	6	5	5	7	8	7	6	6	3	1	1	-0	2	5	2	-1	-0	-1	-8
3	-2	6	7	7	6	3	-5	-8	-3	3	3	-0	-1	-3	-3	-3	-8	-6	-11	-14	-11	-7	-1	-2
4	-2	-1	4	2	-2	-7	-4	-5	-9	-15	-13	-6	-0	2	-1	-2	-0	1	4	4	7	7	3	-2
5	-8	-19	-18	-15	-13	-11	-9	-8	-6	-7	-7	-5	-1	1	1	3	6	9	11	14	16	19	23	27
6	22	30	32	29	17	11	8	-1	-8	-10	-2	3	-2	-7	-6	-7	-3	-3	-21	-18	-20	-32	-23	-25
7	-29	-35	-27	-26	-32	-28	-22	-33	-40	-34	-37	-33	-35	-37	-40	-41	-28	-28	-26	-30	-31	-36	-42	-31
8	-37	-38	-33	-32	-32	-32	-29	-23	-17	-14	-12	-8	-12	-13	-19	-27	-44	-45	-52	-54	-46	-34	-30	-30
9	-33	-31	-27	-24	-24	-24	-25	-24	-25	-20	-18	-17	-16	-18	-21	-19	-16	-19	-18	-20	-23	-17	-10	-11
10	-15	-13	-12	-16	-13	-10	-7	-4	-7	-13	-18	-22	-19	-10	-25	-37	-35	-34	-44	-54	-53	-43	-24	-27
11	-27	-33	-27	-32	-37	-32	-25	-28	-27	-25	-24	-19	-10	-8	-12	-17	-28	-32	-28	-27	-26	-21	-23	-26
12	-26	-23	-24	-26	-23	-20	-19	-20	-21	-18	-13	-11	-8	-11	-15	-17	-14	-14	-15	-16	-15	-19	-22	-22
13	-12	-16	-18	-20	-18	-16	-20	-21	-20	-17	-17	-14	-11	-9	-10	-11	-13	-15	-17	-16	-14	-12	-8	-8
14	-6	-7	-8	-6	-4	-2	-2	-1	-1	1	-1	-4	-1	1	4	4	3	3	3	2	3	6	7	6
15	7	8	6	4	3	-0	1	3	4	7	8	6	8	21	37	34	17	13	16	24	27	26	25	18
16	7	8	9	5	1	4	6	5	5	4	2	1	3	3	2	-0	0	-0	-0	2	1	3	5	6
17	5	0	-4	-5	-5	-6	-1	2	2	-1	1	2	4	4	4	1	6	8	5	3	1	2	2	2
18	1	2	-2	-4	-7	-10	-10	-12	-13	-16	-16	-9	-0	1	-1	0	-2	2	-3	-3	-9	-3	0	-2
19	-6	-4	-4	-4	-3	-2	-1	-6	-2	1	-2	-5	-1	1	2	4	6	8	6	3	4	7	6	2
20	-2	-7	-8	-7	-5	-5	-0	3	3	2	3	6	10	12	12	12	10	13	14	11	9	8	6	9
21	30	29	28	30	30	28	28	18	19	20	28	30	31	26	24	23	24	-10	-36	-43	-42	-32	-31	-38
22	-36	-41	-39	-30	-36	-35	-35	-35	-24	-25	-27	-29	-30	-24	-32	-38	-37	-35	-39	-42	-47	-46	-35	-34
23	-42	-41	-26	-31	-27	-27	-28	-20	-19	-16	-13	-14	-12	-13	-17	-21	-22	-18	-15	-16	-21	-21	-22	-23
24	-21	-15	-12	-8	-8	-10	-9	-9	-7	-8	-10	-11	-5	-9	-5	-1	2	6	3	7	7	6	2	-1
25	-3	-5	-2	-3	-3	-4	-4	-2	-2	-2	-1	-9	-8	1	9	4	-2	-2	5	-0	-6	-4	-1	-3
26	-6	-4	0	-1	3	-2	-7	-12	-8	-12	-8	-17	-16	-18	-15	-16	-12	-9	-8	-5	-4	-8	-14	-14
27	-12	-12	-13	-12	-14	-15	-16	-17	-15	-9	-12	-14	-14	-15	-18	-18	-15	-14	-13	-15	-14	-9	-5	-6
28	-8	-6	-6	-10	-13	-12	-5	-5	-3	-3	-2	-1	1	-1	-6	-9	-8	-4	1	-0	-3	-4	-8	-11
29	-7	-4	-5	-4	-4	-3	-3	-5	-4	-4	-2	-1	-5	-8	-7	-4	-3	-2	-3	-6	-10	-12	-11	-10
30	-8	-0	3	3	2	3	4	2	1	2	2	3	3	2	-1	-7	-13	-12	-7	-5	-5	-10	-7	-5

MAY 1962

UNIT=CAMMAS																								G.M.T.	
DAY	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	-2	-5	-7	-9	-11	-13	-12	-7	-6	-4	-2	-1	-3	-6	-7	-7	-6	-2	-0	-3	-10	-12	-10	
2	-8	-6	-11	-16	-18	-19	-14	-10	-5	-4	-8	-5	0	0	2	-0	0	0	1	-2	-7	-16	-20	-25	
3	-20	-16	-13	-10	-8	-9	-8	-10	-12	-11	-3	-2	-0	5	4	0	-0	-1	-3	-5	-3	-1	-0	-1	
4	-0	3	7	7	5	4	5	8	6	6	7	9	11	11	10	11	11	14	16	17	17	17	15	14	
5	16	17	15	14	12	10	10	10	11	14	17	19	20	21	25	22	23	30	41	49	54	47	37	36	
6	43	47	42	37	33	32	30	33	35	31	17	12	1	-13	-34	-50	-63	-69	-68	-71	-64	-57	-56	-55	
7	-48	-35	-29	-27	-29	-31	-29	-25	-23	-23	-21	-16	-12	-11	-13	-17	-19	-22	-19	-16	-18	-17	-21	-26	
8	-24	-16	-13	-10	-6	-4	-8	-6	-4	-2	-2	-0	0	-1	-4	-2	-5	-9	-9	-8	-5	-7	-10	-8	
9	-10	-11	-13	-13	-12	-11	-9	-7	-7	-8	-6	-2	1	2	3	4	5	6	7	10	14	15	12	9	
10	7	8	5	4	2	0	3	1	2	5	4	5	7	7	5	2	-1	-0	5	-9	9	9	6	1	
11	-1	-2	-1	-1	9	11	12	11	16	17	18	19	17	15	18	15	3	-9	-20	-18	-14	-13	-10	-10	
12	-10	-7	-4	-2	-3	-4	-7	-5	-3	-1	1	-1	-0	-3	-3	-1	1	3	2	4	7	10	10	9	
13	10	11	15	11	1	-2	-3	2	6	7	5	7	9	10	7	8	12	9	5	3	2	-13	-11	-16	
14	-26	-27	-27	-23	-22	-17	-16	-11	-5	-2	-2	-3	-3	-3	-3	-2	-1	-1	-2	-7	-10	-16	-16	-11	
15	-12	-10	-2	-0	-3	-2	-1	-2	-0	3	4	7	9	5	-0	-5	-4	-7	-11	-14	-7	-2	-0	-2	
16	-0	2	5	5	1	-9	-13	-12	-7	-4	-6	-4	-1	1	-1	-5	-5	-4	-4	-6	-5	-1	-4	-6	
17	-6	-2	0	0	-0	0	-0	-0	-0	0	1	-0	0	-3	-8	-9	-7	-5	-2	5	8	5	3	3	
18	3	6	4	4	5	3	2	3	6	8	9	8	3	2	-0	-1	-0	2	4	4	7	8	8	9	
19	10	11	13	12	12	12	12	5	-1	0	-1	0	1	-0	-4	-5	-5	-0	4	4	1	2	-0	0	
20	1	2	1	2	5	5	7	10	11	8	7	7	6	6	4	1	-3	4	9	9	4	1	-1	-4	
21	-3	1	6	6	4	5	5	5	5	5	9	11	11	9	6	5	6	7	8	6	6	7	7	6	
22	8	8	11	12	10	9	10	10	10	13	15	14	10	7	6	6	9	10	8	8	8	9	9	10	
23	10	11	13	13	12	9	10	13	11	12	12	13	14	13	10	9	9	6	3	5	1	3	6	6	
24	5	5	4	4	7	8	10	9	8	7	6	10	16	18	20	20	18	19	18	17	18	18	19	18	
25	17	17	18	20	21	22	21	21	22	23	23	21	21	23	26	26	26	24	23	23	22	21	22	25	
26	24	23	23	24	25	24	27	28	30	33	34	35	37	36	33	33	34	36	31	28	26	24	18	12	
27	10	13	18	21	33	29	17	10	4	1	5	7	12	13	7	-1	0	2	-2	-4	-10	-11	-12	-11	
28	-11	-10	-7	-5	0	1	-1	4	5	2	-2	-6	-6	-7	-7	-6	-10	-10	-19	-20	-25	-27	-17	-6	
29	1	3	3	-4	-7	-8	-5	-4	-2	-5	-2	-4	-5	-6	-6	-3	0	2	0	-2	-3	-4	-3	-0	
30	0	1	0	0	1	3	5	7	8	7	5	1	-0	3	3	5	5	5	6	6	6	3	7	14	
31	19	20	23	26	28	22	5	-10	-2	-2	-13	-26	-23	-28	-26	-23	-26	-33	-41	-40	-37	-39	-32	-40	

JUNE 1962

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	-33	-24	-23	-17	-15	-19	-19	-15	-12	-13	-14	-13	-11	-11	-11	-5	-6	-10	-10	-16	-22	-18	-15	-17
2	-17	-14	-12	-8	-6	-5	-7	-8	-8	-5	-3	-4	-5	-5	-5	-5	-4	-6	-12	-15	-13	-9	-5	-4
3	-4	-4	-3	-2	-2	-1	-2	-2	-2	-0	3	7	8	8	9	6	5	6	8	8	6	0	-4	-7
4	-9	-9	-16	-13	-6	-3	-2	-1	-4	-10	-12	-10	-9	-6	-11	-13	-13	-15	-15	-15	-18	-18	-20	-19
5	-18	-13	-11	-10	-9	-9	-6	-7	-8	-7	-8	-6	-5	-6	-9	-9	-14	-18	-22	-27	-23	-21	-24	-23
6	-27	-34	-30	-21	-17	-20	-21	-18	-18	-18	-17	-13	-12	-14	-16	-11	-10	-11	-16	-16	-13	-11	-9	-9
7	-2	5	4	4	9	19	31	8	-0	-2	-5	-10	-12	-13	-12	-12	-15	-17	-17	-18	-16	-15	-17	-17
8	-16	-12	-8	-3	2	3	2	3	3	3	6	9	5	1	-3	-3	1	4	7	8	10	14	15	13
9	16	15	10	5	5	-2	-4	1	-0	4	10	15	16	9	-2	-7	-5	-7	-13	-27	-21	-16	-12	-15
10	-14	-19	-17	-9	-5	-13	-15	-12	-19	-16	-12	-10	-9	-11	-11	-12	-11	-13	-14	-13	-12	-9	-7	-8
11	-6	-8	-6	-3	-1	-1	-2	-6	-6	-6	-3	-2	2	1	-1	1	1	-1	-3	-6	-8	-7	-9	-14
12	-13	-7	-1	1	4	7	5	5	3	3	6	7	4	-3	-6	-1	2	1	-1	-4	-6	-7	-4	-3
13	-2	-3	-1	0	1	1	-0	-1	1	3	3	3	7	7	7	7	7	5	4	3	5	4	5	5
14	7	7	7	8	5	5	7	8	8	5	8	12	14	9	4	7	7	1	-7	-8	-2	1	-2	-8
15	-3	-6	-5	-4	5	2	5	11	11	8	7	4	0	-1	0	0	-2	-3	-3	0	2	0	-1	-1
16	-2	-4	-4	-1	2	1	1	1	1	3	6	7	2	-3	-3	-4	-5	-5	-3	-2	-3	-3	-4	-5
17	-5	-2	3	6	9	9	8	9	9	10	10	8	8	9	14	14	13	14	14	11	11	9	9	8
18	8	6	8	11	13	14	15	13	11	10	11	12	15	17	21	23	23	24	21	17	13	12	13	15
19	17	18	17	15	16	14	15	16	16	16	17	15	10	11	12	11	8	6	7	11	16	17	18	17
20	19	17	15	19	22	20	21	18	19	18	17	19	25	27	26	24	23	25	22	23	22	23	21	20
21	23	22	21	25	28	28	28	30	31	33	32	23	20	23	23	14	9	12	10	2	4	8	8	7
22	-5	-13	-15	-8	-6	1	-3	-0	3	1	-2	-1	3	1	0	1	5	6	7	6	3	4	4	4
23	-3	-4	-3	-4	2	-3	-2	1	3	5	8	9	10	9	8	7	3	-9	-14	-16	-15	-21	-26	-23
24	-16	-15	-11	-7	-4	-2	-3	-1	-3	-4	2	5	8	4	3	-1	1	0	-2	1	2	1	2	2
25	-0	2	2	5	5	-0	-4	-9	-7	-3	0	1	-1	-3	-4	-3	-0	2	-2	-4	2	6	4	1
26	-3	-3	-3	-1	0	1	2	1	3	9	13	15	12	13	13	7	6	9	3	-3	-4	-3	-3	6
27	8	9	4	7	10	6	-6	-11	-23	-28	-30	-26	-26	-24	-22	-17	-13	-14	-27	-28	-20	-22	-23	-17
28	-18	-22	-19	-13	-5	-5	-6	-7	-7	-9	-7	-7	-6	-8	-12	-11	-6	-2	-2	-9	-10	-12	-17	-16
29	-12	-9	-8	-4	-6	-3	-1	1	-1	-1	2	5	-3	-8	-14	-9	-7	-0	-6	-9	-4	-5	-7	-5
30	-3	-2	-2	1	-3	-12	-12	-9	-6	-5	-5	-3	-3	-4	-3	-1	-4	-7	-8	-9	-10	-11	-14	-16

JULY 1962

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	-10	-9	-6	-1	2	1	2	3	5	1	1	2	-4	-4	-4	-4	-4	1	3	6	3	-1	-1
2	-4	-2	-1	2	4	5	6	5	5	5	5	11	12	12	12	14	15	13	-0	-2	-3	-8	-17	-28
3	-26	-19	-12	-9	-7	-4	-1	2	3	4	8	11	16	13	12	15	20	27	18	15	9	7	7	4
4	2	1	0	5	8	13	11	14	9	8	9	16	15	13	11	8	10	13	14	11	9	3	-8	-13
5	-18	-10	-9	-8	-5	-11	-7	-2	-6	-11	-8	-5	-1	-1	6	11	10	7	-1	-3	-5	1	5	6
6	9	9	8	1	-11	-11	-6	-7	-8	-8	-4	-2	-2	-3	-6	0	3	2	-4	4	11	9	0	-3
7	-2	-1	1	3	5	5	6	6	7	5	9	13	17	20	20	15	12	5	-5	-6	-2	-2	-6	1
8	3	3	-3	-2	-0	-0	2	4	5	4	3	3	6	9	14	14	12	11	8	5	1	-3	-2	-7
9	-3	-1	0	1	3	-0	1	3	6	5	2	3	5	5	7	4	3	2	4	5	4	6	7	7
10	9	6	8	6	6	5	6	8	11	10	12	15	14	11	16	15	7	2	5	8	8	10	8	7
11	9	6	5	3	1	2	3	3	5	9	9	8	5	2	3	11	16	14	13	7	5	0	-5	-6
12	-1	2	4	4	4	2	5	4	1	-1	1	5	10	10	7	8	11	15	16	16	18	19	15	12
13	6	3	2	-0	-1	1	6	7	4	1	0	3	7	14	15	20	14	3	-1	-7	-7	-8	-8	-12
14	-13	-11	-12	-6	-7	-9	-5	-7	-4	-4	-4	-4	-3	0	-0	-2	-5	-6	-1	-2	-3	-7	-6	-7
15	-5	-2	-4	0	0	1	3	4	5	3	1	1	2	4	8	13	15	12	11	9	7	5	1	-4
16	-7	-2	2	2	5	5	5	6	6	7	7	9	10	7	9	10	12	11	11	9	10	11	11	14
17	15	15	15	13	12	14	13	13	13	14	15	15	11	12	14	12	10	11	13	15	15	13	10	7
18	9	8	4	4	7	9	12	13	15	16	15	17	18	15	15	18	19	21	20	16	17	18	18	19
19	22	22	28	29	28	24	21	22	20	14	15	18	24	22	21	25	25	24	17	11	7	9	10	9
20	9	7	-1	-4	-7	-6	-11	-4	-4	-4	-3	1	6	8	9	8	7	2	-2	4	3	0	-2	-5
21	-5	-7	-5	-5	-0	3	0	-2	-2	-3	-5	6	13	16	13	13	12	4	1	3	-3	-5	-9	-15
22	-14	-8	-4	-2	3	1	-1	-6	-8	-5	2	6	7	9	13	11	6	1	-1	-0	1	-1	-4	-6
23	-3	-2	-3	-3	-1	-1	-6	-9	-7	-4	-3	-4	-2	0	2	4	6	15	14	-2	-9	-12	-12	-10
24	-9	-14	-12	-8	-4	-2	1	2	3	8	12	16	17	19	18	11	-6	-19	-33	-29	-34	-36	-43	-46
25	-53	-50	-51	-48	-42	-40	-36	-32	-29	-24	-21	-17	-11	-6	-2	-1	-2	-4	-5	-4	-4	1	9	21
26	34	42	53	44	32	-3	-16	-40	-52	-43	-41	-31	-21	-17	-24	-26	-27	-28	-24	-27	-29	-29	-23	-29
27	-24	-14	-29	-28	-22	-25	-26	-22	-18	-15	-13	-11	-10	-13	-17	-29	-23	-16	-6	-5	-10	-17	-20	-23
28	-15	-19	-14	-22	-21	-18	-20	-21	-23	-21	-22	-20	-18	-17	-17	-19	-23	-16	-16	-16	-15	-22	-23	-27
29	-23	-16	-15	-22	-19	-16	-18	-18	-16	-15	-10	-11	-10	-6	1	-1	-8	-6	-3	-3	-4	-9	-10	-9
30	-5	-1	0	-5	-11	-12	-14	-15	-15	-13	-13	-14	-13	-10	-9	-8	-10	-10	-8	-9	-9	-9	-7	-4
31	-1	-4	-6	-6	-2	1	2	-2	-4	-3	-3	0	5	11	18	28	30	29	27	18	2	3	13	14

AUGUST 1962

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		
DAY																										
1	7	-11	-11	-21	-20	-26	-32	-35	-29	-25	-31	-30	-23	-24	-28	-31	-36	-34	-32	-33	-32	-38	-42	-32		
2	-24	-24	-21	-20	-15	-10	-10	-10	-10	-11	-9	-7	-2	4	4	2	-3	-11	-19	-18	-15	-14	-9	-7		
3	-9	-11	-12	-15	-12	-11	-14	-11	-9	-11	-12	-12	-10	-7	-5	-3	-1	4	6	-4	-13	-12	-11	-10		
4	-9	-6	-9	-5	-3	-4	-9	-10	-7	-6	-6	-3	-2	-3	-2	-1	-1	0	3	2	-3	-2	-4	-5		
5	-9	-12	-11	-6	-4	-4	0	2	0	1	2	-3	-1	1	7	8	7	2	-2	-1	-1	-7	-6	-3		
6	-2	-4	-5	-2	6	-3	-11	-16	-10	-9	-7	-3	-2	1	10	5	-2	-6	-8	-6	-11	-17	-22	-24		
7	-19	-12	-15	-14	-7	-9	-11	-6	-6	-10	-4	-2	-3	-2	4	0	-9	-22	-35	-29	-26	-22	-14	-16		
8	-18	-25	-26	-23	-18	-13	-5	-11	-11	-16	-10	-6	-1	-5	-12	-13	-14	-5	-4	-5	-7	-15	-29	-27		
9	-22	-22	-21	-15	-8	-7	-5	-9	-6	-6	-3	-5	-10	-10	-4	-5	-6	-7	-16	-19	-17	-12	-7	-10		
10	-7	-10	-13	-12	-9	-10	-11	-7	-9	-15	-11	-10	-10	-5	-4	-4	-8	-11	-13	-10	-10	-13	-14	-15		
11	-15	-14	-13	-10	-7	-4	-3	-4	-4	-5	-4	-6	-3	2	5	4	4	1	-1	0	2	3	4	2		
12	1	1	0	1	1	2	7	7	5	4	3	1	5	6	3	1	4	2	2	-0	-2	-6	1	0		
13	2	3	4	7	9	8	9	8	9	10	6	5	6	9	12	12	16	16	17	19	19	16	13	16		
14	16	12	11	5	8	10	10	10	13	18	19	18	15	23	25	25	23	15	11	1	-4	-3	-4	1		
15	0	0	4	5	3	-5	-19	-16	-13	-15	-18	-13	-9	-6	-3	-2	-3	-9	-4	-8	-12	-19	-23	-31		
16	-46	-44	-43	-32	-24	-25	-29	-17	-19	-17	-14	-12	-10	-6	-3	1	2	-0	-4	-17	-17	-18	-21	-33		
17	-31	-24	-16	-8	-10	-8	-9	-11	-18	-20	-19	-14	-15	-6	-0	1	3	7	-0	-2	-3	-10	-17	-26		
18	-25	-21	-13	-15	-15	-9	-6	-14	-19	-18	-17	-18	-16	-15	-12	-12	-16	-18	-15	-13	-18	-22	-20	-22		
19	-14	-8	-7	-9	-11	-12	-6	-11	-17	-20	-14	-11	-8	-2	-4	-7	-5	-6	-10	-11	-16	-22	-24	-15		
20	-13	-10	-8	-5	-4	-3	-2	-4	-7	-6	-3	-2	-4	-0	1	5	6	4	2	4	-1	-1	-1	-2		
21	-5	-4	-2	-3	-1	-0	0	-1	-2	0	1	0	4	7	11	13	14	17	17	20	17	9	3	-12		
22	-23	-23	-23	-25	-19	-19	-16	-16	-23	-18	-13	-9	-6	-6	-2	-3	0	-3	-1	-6	-17	-30	-18	-9		
23	-7	-15	-10	-4	-9	-8	-6	-10	-18	-19	-18	-9	-11	-17	-16	-12	-11	-14	-13	-11	-13	-13	-12	-12		
24	-15	-14	-1	1	-2	-3	2	-4	-11	-16	-10	-5	-7	-15	-8	-9	-14	-23	-23	-22	-23	-23	-24	-22		
25	-19	-16	-14	-10	-7	-6	-7	-10	-11	-11	-9	-15	-15	-12	-13	-15	-14	-16	-14	-14	-17	-19	-17	-16		
26	-15	-13	-8	-6	-4	-5	-1	-2	-4	-4	-6	-9	-10	-12	-13	-15	-14	-12	-14	-16	-16	-13	-9	-8		
27	-4	1	5	3	-1	1	4	1	-0	-2	-1	-2	-2	-1	5	6	4	-2	-5	-8	-10	-8	-3	-1		
28	-1	5	5	7	8	10	13	14	10	8	11	15	11	1	-5	-8	-7	-7	-4	0	3	7	10	10		
29	5	11	14	16	13	10	-2	-5	11	10	6	-5	-2	-0	-9	-15	-13	-10	-7	-8	-17	-29	-32	-26		
30	-22	-18	-15	-11	-13	-12	-10	-15	-14	-12	-10	-11	-18	-23	-26	-23	-25	-26	-26	-20	-17	-15	-11	-5		
31	0	2	-6	-16	-18	-29	-33	-32	-27	-33	-33	-34	-31	-34	-39	-39	-39	-39	-37	-36	-34	-31	-30	-31		

SEPTEMBER 1962

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	-29	-25	-15	-10	-8	-12	-17	-31	-41	-38	-36	-29	-23	-26	-29	-32	-30	-43	-31	-24	-25	-41	-37	-29		
2	-22	-18	-11	-14	-13	-17	-14	-17	-22	-19	-17	-19	-23	-32	-28	-37	-31	-32	-41	-46	-47	-42	-38	-29		
3	-25	-25	-21	-25	-23	-17	-16	-14	-15	-17	-16	-8	-1	-1	-10	-11	-15	-22	-39	-38	-35	-45	-35			
4	-42	-34	-23	-22	-29	-30	-24	-32	-37	-38	-37	-33	-34	-31	-31	-33	-37	-33	-30	-31	-25	-28	-29	-27		
5	-25	-24	-21	-16	-15	-16	-17	-20	-21	-26	-29	-24	-21	-21	-25	-37	-43	-46	-44	-43	-35	-34	-31	-31		
6	-31	-28	-25	-29	-28	-26	-24	-18	-20	-20	-24	-29	-28	-28	-26	-28	-36	-44	-49	-49	-48	-49	-49	-45		
7	-33	-25	-23	-17	-19	-19	-12	-16	-23	-28	-30	-25	-20	-22	-26	-27	-29	-31	-30	-31	-31	-27	-23	-25		
8	-26	-17	-18	-27	-28	-21	-15	-20	-32	-42	-37	-33	-30	-31	-30	-31	-29	-25	-29	-32	-32	-27	-23	-28		
9	-21	-19	-16	-15	-12	-10	-8	-8	-10	-13	-14	-22	-23	-20	-20	-20	-22	-25	-24	-30	-33	-37	-31	-34		
10	-33	-19	-16	-12	-12	-20	-18	-13	-18	-25	-24	-18	-14	-11	-9	-9	-10	-15	-18	-21	-22	-20	-16	-15		
11	-11	-6	3	3	0	1	5	6	-4	-11	-9	-7	-7	-6	-7	-9	-11	-13	-16	-12	-3	-5	-4	-6		
12	5	14	12	15	16	22	-6	-28	-53	-54	-45	-46	-42	-47	-54	-53	-58	-66	-79	-88	-88	-68	-58	-46		
13	-44	-35	-30	-30	-33	-31	-28	-33	-30	-28	-23	-27	-32	-32	-34	-42	-45	-57	-54	-58	-38	-32	-26	-27		
14	-24	-19	-15	-15	-16	-17	-18	-20	-21	-21	-21	-25	-27	-30	-28	-26	-27	-32	-34	-35	-34	-30	-20	-19		
15	-13	-2	-0	-4	-6	-11	-10	-12	-15	-13	-12	-12	-12	-15	-12	-12	-13	-13	-18	-31	-34	-27	-20	-17		
16	-13	-6	-4	-5	-10	-10	-8	-9	-10	-14	-14	-15	-21	-23	-22	-17	-15	-18	-17	-16	-18	-21	-23	-24		
17	-16	-9	-0	0	-5	-2	2	3	-3	-8	-10	-11	-12	-12	-9	-6	-7	-6	-10	-16	-14	-15	-13	-14		
18	-10	-4	1	3	1	2	4	3	-1	-4	-2	-2	0	-1	-1	-5	-5	-6	-6	-8	-6	-1	-2	-6		
19	-1	13	18	14	1	-22	-40	-48	-38	-32	-29	-29	-28	-28	-30	-30	-32	-35	-39	-46	-43	-37	-37	-32		
20	-35	-37	-31	-26	-24	-25	-22	-19	-21	-19	-17	-16	-17	-18	-23	-21	-19	-20	-18	-18	-18	-18	-19	-22		
21	-19	-18	-10	-9	-7	-12	-9	-11	-13	-16	-15	-13	-12	-15	-15	-20	-25	-23	-21	-22	-23	-17	-18	-17		
22	-11	-16	-15	-13	-12	-14	-12	-13	-13	-9	-11	-6	-3	-7	-11	-9	-21	-25	-24	-27	-17	-17	-13	-12		
23	-11	-5	-2	-6	-13	-11	-13	-13	-9	-10	-14	-11	-10	-8	-9	-11	-15	-18	-16	-17	-14	-13	-16	-15		
24	-12	-8	-9	-10	-10	-6	-4	1	-1	-5	-7	-10	-12	-11	-9	-9	-10	-12	-15	-14	-19	-22	-18	-15		
25	-10	-5	-0	2	1	5	8	8	8	13	15	12	6	0	-4	-6	-6	-4	-3	3	4	3	6	14		
26	-11	-32	-56	-60	-49	-49	-51	-49	-40	-33	-27	-29	-30	-24	-21	-31	-42	-33	-29	-33	-38	-36	-37	-32		
27	-26	-16	-10	-11	-15	-16	-17	-19	-18	-20	-22	-21	-19	-18	-18	-18	-24	-26	-25	-27	-27	-26	-25	-22		
28	-17	-15	-11	-11	-9	-7	-8	-11	-12	-9	-9	-11	-12	-8	-11	-7	-8	-6	-1	-4	-4	-9	-23	-29		
29	-30	-28	-24	-18	-17	-18	-20	-16	-19	-21	-18	-18	-21	-26	-22	-23	-28	-35	-50	-55	-62	-60	-75	-75		
30	-65	-60	-49	-51	-53	-53	-48	-43	-42	-38	-32	-26	-26	-22	-18	-19	-19	-20	-21	-22	-23	-23	-24	-22		

OCTOBER 1962

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	-23	-15	-15	-11	-13	-12	-29	-33	-26	-31	-36	-30	-28	-33	-32	-39	-47	-51	-44	-60	-65	-56	-45
2	-42	-42	-30	-33	-31	-28	-26	-24	-22	-16	-17	-19	-24	-33	-36	-30	-35	-45	-46	-41	-37	-37	-37	-37
3	-34	-29	-21	-19	-19	-19	-18	-19	-23	-26	-27	-26	-27	-28	-29	-24	-25	-28	-27	-25	-23	-26	-27	-27
4	-31	-30	-28	-27	-28	-24	-20	-18	-20	-20	-21	-23	-25	-25	-24	-24	-24	-34	-36	-33	-32	-28	-29	-30
5	-25	-20	-15	-10	-8	-7	-5	-1	1	0	1	2	3	5	2	1	-4	-7	-25	-42	-52	-45	-31	-32
6	-29	-33	-29	-32	-35	-37	-36	-24	-22	-20	-19	-19	-19	-24	-24	-22	-19	-20	-22	-21	-21	-20	-25	-25
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8	-7	-11	-32	-23	-14	-15	-22	-14	-4	-7	-20	-20	-16	-17	-11	-7	-11	-21	-36	-33	-30	-21	-18	-32
9	-25	-35	-30	-25	-19	-15	-22	-21	-20	-21	-15	-11	-22	-29	-32	-25	-22	-21	-25	-26	-23	-24	-27	-25
10	-18	-18	-18	-17	-14	-11	-13	-16	-17	-16	-11	-22	-23	-14	-11	-13	-19	-24	-31	-26	-22	-16	-18	-21
11	-22	-17	-15	-20	-14	-23	-28	-21	-15	-13	-13	-17	-19	-21	-14	-11	-14	-22	-21	-21	-31	-29	-26	-20
12	-14	-16	-12	-10	-12	-14	-16	-13	-13	-15	-9	-7	-6	-8	-9	-12	-11	-9	-8	-7	-7	-6	-5	-4
13	-1	1	1	2	1	-1	-5	-4	-6	-7	-13	-19	-26	-18	-20	-21	-14	-14	-19	-19	-20	-25	-24	-24
14	-21	-26	-21	-17	-19	-19	-28	-35	-29	-18	-23	-27	-29	-25	-29	-25	-18	-21	-41	-44	-41	-32	-33	-26
15	-21	-14	-12	-13	-17	-19	-18	-19	-20	-20	-17	-18	-19	-19	-18	-20	-18	-12	-13	-15	-15	-14	-11	-11
16	-17	-15	-12	-11	-10	-8	-10	-11	-4	-1	-1	-11	-24	-24	-19	-14	-14	-17	-25	-22	-16	-15	-18	-22
17	-23	-18	-15	-14	-15	-16	-19	-20	-17	-15	-15	-15	-15	-13	-11	-11	-8	-8	-6	-4	-6	-6	-6	-9
18	-16	-18	-22	-30	-25	-19	-17	-17	-14	-10	-8	-5	-2	-1	-3	-4	-9	-18	-18	-14	-10	-7	-6	-5
19	2	-2	-1	3	5	7	6	2	3	-6	-7	-5	-7	-12	-5	-19	-13	-8	-8	-17	-23	-26	-28	-25
20	-24	-22	-20	-17	-16	-15	-13	-11	-9	-7	-6	-8	-9	-7	-9	-5	-4	-4	-2	-4	-3	2	-2	-11
21	-14	-12	-7	-5	-1	-5	-9	-12	-13	-8	-4	-2	-4	-2	-1	-5	-5	-16	-21	-28	-27	-19	-18	-18
22	-22	-16	-15	-15	-19	-22	-25	-26	-18	-17	-16	-18	-8	-1	3	-2	-7	-10	-15	-27	-38	-42	-33	-21
23	-16	-20	-13	-13	-12	-7	-8	-13	-12	-9	-8	-16	-11	-11	-13	-16	-18	-19	-22	-18	-23	-32	-23	-16
24	-8	-13	-18	-16	-12	-10	-15	-13	-12	-10	-13	-14	-16	-17	-14	-11	-9	-23	-29	-33	-36	-23	-21	-31
25	-33	-26	-23	-21	-24	-21	-20	-23	-22	-19	-18	-17	-22	-25	-19	-18	-20	-22	-27	-29	-49	-36	-36	-35
26	-28	-27	-29	-28	-17	-15	-15	-27	-28	-32	-32	-30	-34	-39	-46	-49	-51	-48	-47	-61	-67	-62	-44	-38
27	-35	-38	-36	-34	-30	-25	-24	-29	-27	-26	-26	-26	-32	-26	-29	-28	-23	-25	-36	-34	-38	-34	-27	-23
28	-27	-23	-22	-21	-16	-23	-24	-24	-25	-28	-30	-26	-23	-22	-22	-21	-22	-24	-29	-34	-34	-35	-29	-26
29	-24	-25	-24	-22	-18	-16	-18	-23	-24	-22	-20	-19	-24	-23	-19	-16	-18	-24	-22	-22	-23	-20	-18	-22
30	-17	-15	-13	-15	-18	-21	-23	-19	-20	-22	-23	-21	-20	-18	-19	-22	-21	-20	-22	-22	-26	-23	-18	-18
31	-16	-14	-14	-15	-16	-18	-17	-18	-19	-20	-22	-21	-18	-16	-15	-15	-16	-13	-15	-15	-14	-16	-15	-13

NOVEMBER 1962

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	-14	-15	-14	-12	-11	-10	-9	-12	-13	-14	-16	-17	-14	-14	-11	-14	-17	-18	-15	-10	-14	-25	-26
2	-23	-21	-19	-15	-12	-11	-10	-7	-4	-6	-10	-12	-15	-11	-5	-3	-0	-4	-14	-19	-17	-18	-33	-43
3	-41	-34	-31	-27	-23	-23	-20	-19	-20	-18	-14	-17	-19	-23	-26	-22	-18	-11	-8	-12	-19	-24	-26	-19
4	-14	-15	-13	-12	-12	-10	-9	-12	-16	-15	-19	-13	-15	-21	-25	-29	-22	-23	-22	-20	-31	-39	-19	-11
5	-10	-10	-7	-3	-4	-11	-22	-25	-25	-20	-21	-21	-22	-20	-14	-12	-13	-12	-11	-11	-8	-7	-7	-4
6	-5	1	13	17	2	2	2	-3	-5	-4	-4	-2	-5	-5	-4	-4	-2	-9	-18	-12	-18	-21	-21	-18
7	-16	-19	-12	-12	-15	-12	-8	-4	-5	-9	-15	-14	-19	-17	-14	-9	-8	-6	-9	-10	-11	-9	-10	-9
8	-8	-6	-4	-5	-6	-8	-4	-2	-3	-6	-7	-10	-14	-13	-6	-5	-5	-1	-2	-5	-7	-7	-6	-5
9	-9	-13	-12	-9	-11	-10	-6	-1	-1	-1	-2	-3	-5	-5	-2	1	3	3	2	2	-1	-3	-8	-6
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11	4	6	7	7	7	7	0	3	2	1	-4	-5	-5	-5	-6	-11	-7	-9	-10	-11	-12	-13	-11	-11
12	-12	-9	-10	-10	-10	-8	-9	-7	-6	-6	-6	-8	-9	-8	-7	-7	-7	-8	-7	-2	-1	-3	-5	-6
13	-6	-7	-5	-5	-7	-6	-4	-2	-2	-0	5	8	8	10	11	8	10	9	6	2	-0	-2	-1	-2
14	-3	-5	-3	-0	-1	0	0	2	8	11	11	10	8	9	9	7	-0	2	4	6	8	-5	-1	0
15	2	1	1	5	1	-5	-5	2	2	-5	3	5	-15	-25	-28	-24	-23	-28	-32	-43	-34	-41	-42	-51
16	-55	-45	-44	-37	-35	-36	-33	-29	-36	-37	-36	-39	-36	-30	-30	-36	-36	-40	-38	-37	-35	-31	-29	-31
17	-24	-23	-23	-24	-21	-21	-18	-16	-18	-23	-26	-26	-26	-26	-27	-26	-22	-20	-16	-15	-15	-14	-14	-15
18	-14	-12	-9	-8	-8	-9	-8	-4	-4	-7	-11	-13	-15	-15	-13	-10	-11	-13	-12	-11	-13	-11	-10	-10
19	-11	-9	-8	-6	-4	-1	-0	2	2	-1	-5	-5	-9	-10	-10	-10	-6	-2	-1	-5	-8	-6	-6	-5
20	-0	3	5	7	7	10	8	15	18	15	13	14	9	9	8	7	9	13	14	12	10	11	10	11
21	17	15	10	6	12	13	1	-6	-13	-17	-13	-18	-24	-23	-25	-34	-40	-38	-34	-27	-23	-24	-5	-6
22	-6	-14	-29	-37	-40	-36	-37	-34	-29	-37	-42	-38	-42	-47	-46	-44	-37	-35	-34	-36	-35	-32	-31	-25
23	-24	-26	-25	-21	-24	-28	-27	-25	-24	-32	-32	-26	-27	-26	-25	-26	-26	-18	-14	-15	-16	-12	-20	-20
24	-17	-15	-14	-16	-14	-12	-9	-13	-19	-19	-19	-18	-23	-25	-25	-21	-16	-14	-21	-17	-17	-12	-10	-12
25	-10	-11	-12	-21	-19	-18	-11	-9	-17	-18	-20	-17	-24	-24	-20	-18	-24	-23	-21	-19	-21	-20	-15	-11
26	-9	-10	-11	-10	-9	-6	-2	-3	-8	-13	-14	-16	-16	-16	-13	-12	-13	-15	-17	-15	-15	-15	-13	-9
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28	-5	-9	-12	-10	-11	-13	-11	-10	-15	-19	-22	-18	-11	-6	-6	-8	-12	-16	-9	-3	-1	-1	-4	-3
29	-2	-1	-7	-7	-6	-4	6	10	5	-1	-5	-7	-5	-4	-1	-5	-6	-5	-13	-20	-14	-5	4	9
30	11	-3	-17	-25	-33	-32	-35	-38	-44	-50	-42	-37	-36	-38	-37	-31	-28	-28	-24	-23	-25	-27	-29	-27

DECEMBER 1962

DAY	UN IT=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	-23	-24	-25	-26	-26	-22	-17	-19	-22	-23	-24	-20	-15	-13	-11	-18	-17	-15	-16	-16	-14	-14	-13	-13
2	-13	-13	-12	-13	-14	-15	-11	-8	-9	-11	-15	-17	-17	-18	-16	-14	-9	-8	-8	-8	-8	-8	-7	-4
3	-5	-8	-10	-11	-12	-8	-2	2	1	-2	-6	-8	-6	-1	1	2	0	-0	-3	3	8	11	13	14
4	14	13	13	22	34	35	35	25	13	14	6	9	1	-0	-5	-17	-32	-45	-31	-22	-22	-23	-20	-20
5	-25	-23	-22	-21	-18	-15	-14	-14	-16	-20	-22	-21	-20	-22	-24	-20	-18	-16	-12	-11	-9	-9	-11	-11
6	-12	-11	-11	-11	-11	-12	-9	-6	-5	-6	-9	-7	-4	-5	-4	-1	-0	-0	2	2	-1	-3	-6	-7
7	-4	-1	-1	-3	-2	2	6	6	2	-1	-1	4	6	6	6	5	3	3	1	-3	-5	-2	4	8
8	11	12	12	13	9	6	4	4	2	-3	-7	-3	-3	-5	-3	-1	-5	-6	-8	-10	-13	-14	-13	-11
9	-4	-8	-13	-16	-16	-5	-4	-2	-3	-4	-7	-4	1	6	9	11	9	11	12	12	10	18	13	13
10	15	9	4	7	6	9	13	14	12	7	5	7	7	4	3	1	-3	-9	-13	-12	-7	-6	-12	-17
11	-13	-14	-18	-19	-15	-24	-31	-34	-36	-28	-20	-17	-14	-14	-15	-6	-22	-38	-48	-47	-39	-36	-44	-42
12	-37	-33	-34	-30	-26	-26	-30	-31	-28	-25	-20	-20	-20	-20	-17	-15	-10	-22	-22	-19	-28	-24	-18	-27
13	-30	-29	-24	-23	-22	-28	-29	-23	-21	-21	-26	-27	-27	-20	-14	-13	-15	-14	-11	-8	2	-10	-17	-18
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15	-12	-19	-24	-25	-18	-17	-22	-15	-17	-17	-17	-17	-16	-15	-11	-8	-9	-13	-15	-18	-18	-16	-16	-16
16	-17	-16	-11	-8	-7	-6	-5	-1	6	3	1	0	-2	-4	-5	-3	-7	-6	-2	-2	-1	2	-0	-2
17	2	4	7	5	10	6	8	4	-1	-3	1	5	5	7	2	4	-18	-44	-33	-43	-58	-65	-78	-71
18	-85	-70	-67	-51	-54	-50	-53	-51	-51	-56	-54	-50	-51	-45	-52	-47	-47	-52	-58	-67	-82	-78	-60	-49
19	-55	-69	-56	-48	-44	-38	-41	-44	-33	-31	-32	-34	-35	-33	-29	-38	-38	-38	-44	-42	-40	-36	-33	-34
20	-38	-37	-36	-36	-34	-29	-29	-30	-34	-33	-35	-30	-21	-22	-32	-25	-37	-38	-41	-50	-37	-33	-35	-39
21	-38	-31	-35	-34	-29	-28	-30	-34	-32	-31	-30	-31	-32	-31	-30	-29	-30	-33	-39	-34	-37	-32	-25	-23
22	-25	-29	-29	-28	-25	-24	-23	-23	-22	-19	-17	-17	-19	-18	-20	-21	-24	-23	-18	-18	-19	-17	-17	-18
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25	-6	-4	-7	-6	-5	-6	-9	-9	-4	0	3	5	2	-1	1	-2	-2	-4	-2	-3	-3	-0	-2	-3
26	-3	3	6	8	11	5	5	-0	10	20	13	2	-3	-7	-21	-25	-29	-29	-25	-21	-24	-26	-25	-25
27	-22	-21	-22	-23	-22	-21	-21	-23	-19	-15	-13	-13	-13	-13	-13	-17	-16	-15	-16	-19	-19	-15	-10	-11
28	-9	-8	-7	-7	-5	-2	-4	-7	-7	-4	-1	1	-2	-3	2	2	-2	2	4	3	2	2	-0	-7
29	-7	-3	-3	-1	-2	-4	-10	-12	-8	-4	-3	-1	-0	-2	-2	-3	-1	2	3	1	-1	-3	-4	-3
30	-2	-2	-2	-1	-1	-3	-4	-4	-2	1	3	4	4	6	11	13	12	12	14	15	10	6	1	0
31	6	7	9	10	13	9	6	6	9	8	1	-6	-5	-0	-4	-8	-11	-11	-8	-5	-3	-3	-5	-4

DAILY MEANS OF EQUATORIAL DST FCR 1962

CAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	2	18	4	4	-6	-15	-1	-27	-28	-33	-15	-19
2	-10	11	-4	3	-8	-8	3	-11	-26	-32	-14	-12
3	1	8	-2	-2	-5	2	5	-9	-22	-25	-21	-1
4	5	-4	1	-1	10	-11	8	-4	-31	-26	-18	-0
5	14	-24	1	0	24	-13	-3	-2	-28	-13	-13	-17
6	17	-6	-13	-2	-9	-17	-1	-6	-33	-25	-5	-6
7	18	-7	-11	-33	-23	-5	5	-12	-25	-11	-11	2
8	11	-1	-4	-30	-7	3	4	-13	-28	-18	-6	-1
9	13	3	3	-21	-1	-1	3	-11	-20	-23	-4	2
10	-29	7	-8	-23	4	-12	9	-10	-17	-18	2	2
11	-35	7	-10	-25	3	-4	5	-3	-5	-19	-3	-26
12	-20	-28	-13	-18	-0	-0	8	2	-37	-10	-7	-24
13	-11	-10	-9	-15	4	3	3	10	-35	-12	1	-20
14	-6	-10	1	-0	-11	4	-5	12	-24	-27	3	-16
15	-10	5	6	13	-2	1	4	-9	-14	-16	-16	-16
16	-4	-18	11	3	-3	-1	7	-19	-15	-14	-36	-4
17	-7	-31	12	1	-1	9	13	-11	-8	-13	-21	-14
18	2	-12	15	-5	4	14	14	-16	-2	-12	-10	-58
19	-3	-5	-1	0	3	14	19	-11	-25	-8	-5	-40
20	-13	4	-1	5	4	21	0	-2	-22	-9	10	-34
21	-0	2	-11	9	6	19	1	4	-16	-11	-12	-32
22	-4	4	3	-35	10	-0	0	-14	-14	-18	-34	-21
23	2	-1	7	-22	9	-3	-2	-12	-12	-15	-23	-15
24	8	-6	8	-5	13	-2	-8	-12	-10	-17	-17	-11
25	16	3	0	-2	22	-0	-19	-13	3	-25	-18	-3
26	3	10	7	-9	28	4	-14	-10	-36	-37	-12	-8
27	-2	-16	17	-13	6	-14	-18	-1	-20	-30	-9	-17
28	-2	-6	13	-5	-8	-10	-20	5	-11	-25	-10	-2
29	0		-0	-5	-3	-5	-11	-3	-32	-21	-4	-3
30	-2		7	-2	4	-6	-9	-17	-34	-20	-29	4
31	4		18		-12		7	-28		-16		0
MEAN	-1	-4	2	-8	2	-1	0	-8	-21	-19	-12	-13

ANNUAL MEAN

-7

JANUARY 1963

DAY	UN IT=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	-7	-8	-8	-10	-12	-11	-7	-2	-1	-5	-6	-8	-7	-10	-18	-17	-14	-14	-13	-16	-18	-13
2	-9	-9	-8	-7	-6	-5	-3	-0	2	1	3	3	3	4	9	10	5	2	5	8	9	6	3	5
3	7	8	9	9	9	9	8	6	4	7	4	2	3	3	5	4	5	10	11	12	11	9	7	6
4	3	4	4	5	11	13	12	12	15	18	24	27	26	15	6	-5	-17	-19	-19	-20	-19	-14	-11	-11
5	-8	-6	-5	-5	-5	-5	-6	-8	-7	-2	-1	-4	-7	-11	-9	-8	-14	-14	-11	-7	-5	-6	-3	1
6	2	1	2	3	4	3	2	4	6	6	7	5	4	3	6	6	6	7	7	7	8	10	8	8
7	5	3	3	5	7	11	16	19	19	14	10	5	4	3	-1	-2	-13	-21	-13	-9	-8	-7	-7	-7
8	-8	-8	-8	-6	-4	-5	-5	-5	-4	-6	-6	-6	-7	-8	-7	-4	-4	-4	-4	-5	-2	4	7	8
9	8	7	6	7	8	10	12	11	10	9	8	9	6	3	3	3	4	5	5	6	6	9	10	7
10	7	7	3	0	3	7	7	9	10	7	2	2	-1	-2	-5	-6	-5	-6	-4	-3	-2	1	-2	-2
11	0	3	6	10	12	13	16	21	24	23	23	26	28	30	21	15	8	5	-11	-17	-13	-4	-4	-4
12	-1	0	2	0	2	1	1	-0	-2	-7	-11	-9	-6	-6	-5	-0	3	4	8	7	11	21	19	22
13	-16	-5	2	-4	0	-3	-3	3	10	9	2	3	-1	-8	-15	-19	-16	-24	-21	-16	-18	-13	-15	-8
14	-10	-9	-9	-1	-9	-14	-16	-12	-10	-11	-16	-18	-10	-12	-21	-24	-34	-33	-27	-34	-34	-27	-17	-15
15	-15	-15	-14	-13	-10	-11	-22	-18	-20	-18	-19	-20	-18	-22	-29	-28	-27	-24	-20	-21	-21	-21	-18	-15
16	-17	-17	-19	-14	-10	-8	-15	-19	-15	-18	-18	-15	-15	-23	-33	-42	-37	-26	-20	-17	-37	-35	-29	-19
17	-20	-19	-16	-15	-17	-15	-16	-15	-13	-10	-13	-13	-18	-22	-24	-18	-17	-30	-24	-24	-25	-23	-21	-20
18	-18	-18	-17	-16	-17	-18	-18	-18	-14	-10	-9	-8	-8	-15	-18	-13	-18	-14	-13	-17	-19	-20	-27	-29
19	-25	-31	-28	-24	-20	-16	-18	-18	-16	-12	-10	-11	-13	-18	-29	-29	-28	-26	-26	-29	-32	-31	-29	-32
20	-28	-23	-21	-16	-15	-12	-15	-16	-18	-17	-13	-10	-11	-17	-17	-14	-11	-9	-12	-18	-25	-23	-22	-22
21	-20	-19	-19	-16	-11	-8	-9	-7	-8	-11	-11	-10	-5	-4	-6	-12	-12	-7	-3	-6	-7	-2	1	0
22	-8	-11	-10	-7	-4	-1	-2	-3	-6	-2	3	3	3	2	-2	-6	-7	-5	-8	-13	-14	-11	-6	-5
23	-6	-4	-2	-3	-1	-4	-4	-4	3	5	4	0	2	0	0	-1	-0	2	-0	-6	-8	-7	-1	0
24	-3	-6	-6	-1	3	1	-2	-2	4	4	2	2	7	10	12	13	17	10	5	-1	-17	-31	-30	-26
25	-26	-28	-27	-22	-17	-18	-16	-17	-20	-16	-13	-8	-6	-9	-13	-17	-19	-16	-18	-22	-23	-18	-13	-11
26	-10	-9	-8	-8	-8	-6	-8	-8	-5	-2	-3	-4	-4	-3	-6	-9	-7	-8	-9	-12	-11	-10	-6	-3
27	-2	-1	2	2	3	5	3	0	-2	-1	-2	-2	-1	2	2	2	2	3	1	0	-1	0	-0	1
28	3	4	6	5	3	1	0	1	2	2	2	6	8	7	4	3	4	6	6	4	3	4	4	4
29	6	5	7	10	11	12	11	10	10	12	11	12	11	8	11	15	16	16	18	11	3	-13	-15	1
30	1	-7	-0	-6	-10	-14	-15	-7	-3	-3	-6	-21	-29	-30	-29	-32	-39	-35	-23	-13	-26	-60	-65	-61
31	-68	-70	-72	-64	-60	-61	-62	-61	-59	-56	-61	-62	-63	-58	-56	-66	-79	-81	-80	-70	-60	-52	-47	-46

FEBRUARY 1963

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	-44	-42	-37	-34	-31	-28	-26	-23	-25	-26	-33	-36	-32	-36	-39	-39	-42	-41	-37	-43	-42	-31	-26
2	-21	-20	-21	-17	-15	-14	-12	-12	-11	-12	-14	-15	-17	-19	-19	-15	-15	-13	-11	-11	-12	-12	-12	-12
3	-12	-12	-12	-11	-7	-5	-6	-4	-1	5	8	7	2	-4	-12	-13	-15	-13	-9	-7	-5	-5	-8	-8
4	-6	-6	-4	-0	3	4	5	6	9	12	13	14	14	11	7	2	-2	-9	-17	-13	-10	-6	-7	-7
5	-7	-5	-3	-1	2	3	1	-2	-2	-0	0	4	6	1	-5	1	-9	-7	-7	-9	-13	-13	-11	-11
6	-10	-7	-4	-2	2	-1	-5	-2	2	5	9	-11	10	5	3	1	-1	1	2	1	-0	1	1	-0
7	-2	-1	2	3	4	4	1	-1	1	5	10	11	14	13	11	9	8	7	6	5	0	-1	-2	-1
8	-4	-5	-4	-3	-1	1	-0	-2	-3	-1	1	3	5	6	7	8	10	12	10	7	4	5	6	7
9	7	8	10	11	12	14	14	13	12	16	17	17	22	26	26	24	28	34	27	30	42	34	33	-8
10	-53	-75	-66	-67	-61	-59	-58	-52	-41	-44	-44	-40	-42	-45	-40	-39	-39	-41	-47	-50	-46	-36	-40	-34
11	-30	-28	-26	-27	-26	-24	-22	-24	-19	-17	-21	-20	-19	-17	-17	-23	-25	-15	-12	-16	-18	-21	-21	-14
12	-13	-14	-10	-14	-17	-19	-18	-24	-20	-13	-11	-12	-10	-12	-14	-12	-12	-10	-11	-18	-19	-18	-16	-17
13	-14	-14	-17	-14	-11	-14	-15	-17	-18	-18	-17	-17	-19	-18	-16	-22	-31	-24	-20	-29	-30	-23	-22	-24
14	-24	-23	-21	-19	-15	-13	-14	-17	-11	-9	-4	-2	-4	-10	-15	-16	-15	-11	-9	-6	-7	-6	-7	-7
15	-9	-11	-11	-10	-7	-8	-8	-10	-11	-10	-8	-13	-14	-20	-20	-14	-14	-15	-16	-12	-13	-13	-13	-13
16	-14	-13	-11	-9	-5	-6	-8	-8	-5	-3	-3	1	1	-1	-2	-7	-11	-8	-4	-3	-4	-5	-5	-5
17	-4	-1	-0	-1	-1	-1	-1	-0	-1	-1	0	3	6	5	5	3	1	1	5	7	7	6	3	3
18	4	6	6	7	5	3	5	6	8	8	8	11	13	11	9	4	1	4	7	12	12	12	13	15
19	15	14	13	13	12	13	14	14	14	13	12	11	12	15	13	12	11	10	16	21	25	25	21	21
20	23	20	19	21	19	19	19	11	8	5	9	16	18	18	16	13	15	13	13	9	3	-6	-13	-2
21	3	4	4	2	1	0	-1	-3	-5	-4	3	4	2	1	0	-0	-9	-10	-7	-2	1	1	-3	-3
22	-2	1	-1	-1	-3	-4	-3	-5	-5	-3	-0	4	6	6	5	5	3	1	-3	-3	-1	0	3	4
23	3	5	9	13	12	10	10	6	9	10	13	11	4	4	3	1	-7	-6	-3	-0	-2	-1	-2	1
24	6	8	7	3	2	2	2	3	2	2	-0	2	2	1	3	6	6	6	7	7	6	8	9	5
25	5	6	8	6	2	0	1	0	2	3	5	10	11	5	3	1	-1	4	6	9	7	7	7	6
26	7	-9	10	11	11	8	6	5	3	3	0	1	2	1	0	1	-1	-1	3	6	4	0	-0	1
27	2	5	6	7	9	8	9	10	11	12	12	12	12	13	12	12	10	8	6	7	6	5	4	7
28	8	9	9	11	8	6	8	12	13	13	13	14	12	12	8	5	8	10	10	11	11	12	14	1

MARCH 1963

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	-10	-9	-7	-1	-4	-12	-9	-4	-0	-5	-10	-7	-8	-5	-12	-10	-6	-3	-3	-8	-9	-10	
2	-9	-10	-9	-5	-0	1	1	2	-1	-0	5	6	4	1	0	-1	-4	2	8	2	5	4	3	5	
3	1	2	3	6	8	3	2	12	12	1	3	-3	-7	1	-0	-1	-3	3	9	7	4	-2	0	3	
4	1	0	3	4	6	5	5	6	6	8	8	8	9	7	4	2	-0	-3	1	2	2	-0	-1	0	
5	-2	-1	1	3	3	-0	-1	4	5	4	7	9	8	4	2	0	-1	-2	0	1	-3	-3	-2	-1	
6	-1	1	0	-1	-5	-4	-0	4	6	6	7	7	6	5	5	4	4	-1	-8	-9	-14	-11	-8	-5	
7	-4	-4	-2	1	-1	-5	-2	1	3	7	8	7	5	3	7	9	12	18	26	20	4	3	-2	-12	
8	-17	-13	-12	-11	-10	-1	-7	-22	-20	-14	-4	-11	-9	-9	-11	-23	-21	-29	-20	-22	-30	-20	-20	-14	
9	-10	-17	-16	-15	-19	-14	-14	-6	-2	1	3	3	1	-1	-2	-4	-8	-9	-5	-7	-9	-13	-13	-10	
10	-10	-7	-11	-16	-17	-19	-14	-16	-13	-4	-8	-9	-14	-28	-40	-38	-35	-36	-32	-30	-27	-28	-33	-29	
11	-25	-27	-35	-27	-26	-24	-23	-17	-19	-20	-18	-14	-14	-17	-24	-27	-27	-25	-24	-24	-24	-20	-17	-11	
12	-12	-16	-15	-17	-17	-14	-12	-12	-12	-11	-13	-14	-17	-16	-20	-27	-26	-24	-24	-22	-21	-17	-15	-13	
13	-12	-12	-10	-5	-9	-8	-5	-4	-5	-10	-12	-11	-9	-13	-20	-16	-15	-15	-15	-17	-19	-17	-17	-16	
14	-14	-11	-9	-8	-6	-7	-6	-5	-4	-6	-6	-5	-5	-7	-6	-5	-4	-6	-8	-9	-10	-10	-9	-6	
15	-6	-5	-4	-2	-3	-6	-4	-5	-7	-6	-6	-4	-4	-5	-8	-9	-8	-8	-8	-7	-5	-4	-2	-2	
16	-0	0	2	3	3	2	3	3	5	7	6	8	9	10	-7	4	4	4	5	7	6	4	3	1	
17	0	-1	2	4	5	6	9	12	11	7	6	8	8	5	3	0	-1	-4	-7	-8	-10	-15	-10	-12	
18	-11	-8	-6	-7	-4	-2	1	-1	-5	-5	-2	3	6	4	-1	-5	-5	-4	0	-1	-6	-11	-14	-11	
19	-10	-6	-4	-5	-7	-10	-6	0	2	2	-1	-3	-2	-5	-7	-6	-6	-8	-9	-14	-16	-15	-11	-5	
20	-5	-5	-5	-4	-6	-4	-1	2	3	2	1	5	8	8	6	7	9	10	12	12	7	-3	-7	-3	
21	-2	-1	-0	0	-1	-0	-0	1	2	2	-0	-0	-2	-5	-8	-6	-7	-9	-9	-8	-5	-2	-1	0	
22	3	3	3	3	2	2	4	7	8	7	7	8	6	7	10	10	13	14	15	15	13	11	11	12	
23	14	10	8	9	11	12	19	11	15	19	16	14	12	5	-4	-2	2	6	13	11	2	-1	-2	-2	
24	-1	-1	-1	-1	-0	-0	-1	0	1	2	1	-1	-5	-2	1	1	1	-0	0	3	4	0	-1	3	
25	6	7	7	4	2	2	1	1	2	5	8	11	10	8	6	6	7	5	8	9	9	12	12	13	
26	11	10	8	6	5	4	3	3	4	3	2	2	2	2	3	2	1	2	3	2	0	5	6	5	
27	7	7	7	5	4	3	4	4	2	1	1	3	6	5	3	3	2	1	2	1	6	12	11	11	
28	10	10	10	12	14	18	17	16	15	15	17	17	17	16	14	17	15	16	16	15	18	20	18	14	
29	15	15	16	15	18	20	20	20	17	11	7	2	3	1	-0	2	2	5	7	9	8	9	10	9	
30	10	9	7	4	2	3	4	3	2	1	0	5	7	5	4	4	2	2	3	7	11	11	11	11	
31	11	13	12	8	6	5	3	-0	1	-1	1	4	5	5	3	3	4	4	5	10	14	24	25	19	

APRIL 1963

DAY	UNIT=CAMMAS																						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	9	2	-2	-0	-3	-12	-19	-20	-17	-14	-6	-2	2	2	4	2	-6	-9	-9	-4	1	6	6	7
2	6	7	4	1	-1	-1	-0	1	2	1	1	2	1	1	-1	0	2	-0	-7	-7	-5	-3	-2	0
3	4	3	3	3	2	2	0	-3	-5	2	7	13	17	17	13	11	6	3	4	7	12	13	15	15
4	14	13	8	7	8	10	19	12	12	16	22	23	25	17	16	7	5	11	1	0	9	14	12	3
5	1	-20	-21	-25	-25	-14	-18	-20	-17	-14	-18	-13	-9	-10	-14	-21	-22	-18	-17	-8	-7	-9	-10	-11
6	-11	-12	-14	-9	-8	-8	-9	-10	-12	-16	-13	-8	-2	-3	-7	-4	-7	-13	-11	-9	-5	-7	-6	-9
7	-7	-3	-4	-7	-7	-4	-6	-9	-13	-13	-12	-8	-6	-4	-7	-14	-17	-9	-4	-1	2	1	-1	-2
8	0	1	-1	-2	-4	-2	-0	-2	-2	-0	-1	-1	2	3	4	3	-1	-1	-5	-0	3	4	1	1
9	1	1	-2	-7	-7	-8	-10	-8	-6	-7	-9	-5	-1	0	2	5	2	-6	-4	-1	-0	-2	-2	-1
10	1	-0	-2	-4	-3	-2	-2	-4	-3	-3	-5	-6	-5	-5	-6	-4	-3	0	1	-2	0	1	4	6
11	5	10	6	6	6	5	5	2	-1	-2	-8	-6	-3	-3	-2	-2	-0	1	3	5	6	7	8	8
12	5	11	11	10	10	10	6	8	5	4	0	5	9	10	5	4	4	2	2	1	-5	-10	-9	-6
13	-4	-3	-3	-3	-2	1	2	-0	-5	-4	-6	-6	-4	-4	-3	-6	-12	-18	-27	-25	-21	-25	-28	-28
14	-23	-21	-17	-12	-8	-3	-4	-6	-8	-6	-2	-2	3	3	-5	-13	-14	-4	2	-2	-4	1	-5	-7
15	-17	-22	-15	-19	-21	-20	-22	-25	-30	-28	-22	-16	-14	-13	-10	-10	-9	-10	-8	-7	-5	-5	-3	-5
16	-2	-2	-9	-8	-7	-5	-7	-8	-9	-8	-7	-4	2	3	6	5	2	2	4	9	11	12	9	3
17	-2	-5	0	-0	-4	-5	-8	-9	-9	-5	0	2	3	5	6	9	11	5	3	7	12	15	14	9
18	6	5	4	3	2	3	4	3	-2	-1	5	7	9	10	10	10	8	-3	-9	-6	-10	-7	-8	-5
19	2	1	-4	-2	1	-4	1	-4	-1	5	14	18	17	19	21	22	16	3	1	6	8	9	6	7
20	14	9	7	5	5	9	3	-2	3	4	7	10	13	4	-2	-8	-6	-7	-6	-3	-2	-0	-1	2
21	2	2	0	1	-1	-1	-0	-1	-0	2	6	7	5	2	-2	-3	-1	-2	-5	0	-0	-2	-5	-5
22	-6	-8	-10	-8	-5	-4	-3	-4	-2	2	7	7	6	6	5	1	-3	-5	-9	-8	-10	-8	-3	-7
23	-9	-11	-17	-22	-24	-24	-25	-27	-26	-25	-22	-18	-17	-18	-19	-19	-17	-15	-13	-11	-8	-7	-6	-6
24	-6	-6	-5	-4	-5	-4	-4	-3	-3	-3	-0	-0	1	2	5	5	4	8	11	13	15	14	12	9
25	10	13	15	12	13	15	15	15	12	11	12	11	11	12	16	17	13	12	13	16	17	14	8	9
26	10	6	1	0	4	2	3	6	7	9	10	11	11	10	9	7	4	6	7	9	15	17	14	16
27	15	13	13	10	6	1	1	-1	-8	-6	-1	2	-1	4	7	8	8	3	-2	-10	0	6	5	1
28	-1	2	4	6	7	7	8	10	14	16	16	18	17	18	21	24	21	18	16	13	11	9	10	12
29	12	11	11	12	13	14	12	11	12	10	9	12	16	19	19	19	18	15	13	14	16	18	18	16
30	14	12	13	12	12	12	11	12	14	18	21	22	21	21	26	49	61	53	44	19	-14	-5	7	8

MAY 1963

DAY	UNIT=CANMAS																						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	-4	-22	-38	-37	-30	-25	-28	-24	-21	-17	-16	-12	-11	-9	-12	-20	-20	-20	-17	-14	-16	-9	-13
2	-19	-17	-16	-16	-12	-10	-10	-9	-8	-8	-12	-12	-9	-9	-11	-12	-19	-16	-17	-12	-2	-3	11	17
3	14	3	2	0	-6	-5	-2	3	6	2	1	1	-3	-6	-6	-8	-10	-14	-11	-6	-6	-9	-7	-13
4	-11	-9	-19	-18	-16	-16	-17	-21	-23	-17	-17	-15	-15	-18	-24	-25	-24	-22	-18	-16	-17	-19	-12	-11
5	-17	-17	-15	-13	-9	-13	-10	-8	-11	-12	-6	-0	2	-2	-6	-8	-12	-13	-7	-0	1	0	-1	-1
6	-6	-10	-6	-6	-5	-11	-13	-12	-9	-5	-0	2	4	5	5	0	-2	0	4	5	2	-1	-1	-1
7	2	1	1	-0	-2	-4	1	5	4	1	6	8	6	4	3	4	3	1	-0	2	6	5	3	3
8	-1	-5	-3	-3	-1	-1	-0	1	-1	5	3	7	3	-4	-3	-2	-2	0	6	11	4	5	4	7
9	2	6	11	17	15	12	2	-5	-7	-9	-11	-10	-11	-10	-4	-3	-5	-7	-6	-12	-16	-10	-13	-13
10	-13	-11	-11	-13	-12	-10	-9	-14	-10	-8	-4	-0	-3	-11	-16	-18	-22	-12	-1	1	1	-3	-11	-15
11	-12	-18	-17	-14	-10	-13	-11	-6	-8	-5	-4	-3	-4	-3	-6	-11	-11	-9	-6	-5	-4	-6	-8	-7
12	-11	-10	-10	-6	-7	-8	-6	-5	-3	-3	0	2	-0	3	-6	-7	-3	2	-3	-6	-7	-11	-14	-9
13	-13	-9	-5	-4	-10	-12	-14	-15	-9	-16	-18	-9	-18	-22	-26	-24	-22	-19	-15	-8	-10	-13	-9	-13
14	-18	-17	-16	-11	-11	-15	-12	-10	-14	-12	-13	-12	-11	-13	-12	-10	-10	-11	-5	-6	-8	-5	-6	-6
15	-9	-9	-8	-9	-8	-8	-10	-7	-7	-7	-7	-9	-13	-16	-16	-16	-14	-14	-12	-14	-13	-11	-14	-16
16	-14	-9	-8	-8	-8	-9	-6	-3	-1	-5	-5	-3	-2	-4	-6	-7	-7	-6	-4	-4	-5	-3	0	-1
17	-2	-3	-4	-3	-0	2	4	9	12	10	7	5	4	8	13	13	9	1	5	1	-0	1	0	-1
18	-4	-4	-5	-5	-1	-1	1	3	4	6	3	0	5	9	9	8	4	-1	0	1	2	2	5	8
19	10	6	8	11	11	10	9	8	8	7	9	7	5	0	2	3	3	2	2	4	1	-10	-16	-22
20	-31	-32	-27	-18	-18	-17	-15	-9	-4	-1	3	4	-0	-3	-3	-2	-0	0	3	4	5	5	6	7
21	3	-2	-0	1	1	5	8	10	11	10	13	16	16	17	16	16	14	12	9	9	7	7	11	14
22	12	10	8	6	7	6	8	8	10	12	14	10	8	8	9	9	10	13	15	13	12	7	6	8
23	6	7	10	12	12	13	15	15	15	18	17	18	19	16	14	15	13	13	9	9	12	13	13	15
24	17	17	17	14	13	13	12	11	12	12	12	12	13	14	16	19	21	22	22	21	21	24	25	25
25	25	27	25	26	35	39	38	38	38	32	33	28	22	17	12	13	12	9	10	7	9	9	9	7
26	4	-2	-7	-10	-7	-3	0	3	6	7	7	8	10	8	6	6	5	3	8	11	9	7	6	6
27	5	3	3	4	4	7	6	7	10	11	10	7	4	7	11	13	12	14	19	25	35	33	21	20
28	15	17	4	-4	-3	-0	1	-4	-0	-4	-7	-9	-5	-4	-0	-1	2	1	4	7	2	1	3	4
29	-1	-5	-3	-11	-15	-8	-10	-11	-12	-11	-8	-9	-10	-8	-6	-5	-2	0	1	-1	1	0	-1	-2
30	-5	-6	-5	-11	-12	-10	-11	-12	-10	-8	-7	-5	-3	-4	-6	-5	-8	-8	-9	-8	-4	-4	-6	-5
31	-4	-2	-3	-4	-2	-1	-2	-2	-3	1	1	-0	1	2	2	-0	1	12	16	11	0	-8	-12	-9

JUNE 1963

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	-0	-2	-4	-3	-1	-1	2	5	5	2	2	7	12	11	5	-1	-5	-6	-4	-6	-9	-8	-5
2	-3	-4	-5	-6	-7	-3	2	-3	1	2	2	-1	-6	-9	-8	-3	0	3	2	0	4	5	6	6
3	3	2	1	-0	-1	-2	1	1	1	4	3	2	5	4	1	2	2	3	3	3	3	4	6	8
4	7	4	2	-1	0	0	2	3	4	5	6	3	2	-1	0	5	2	3	7	9	10	11	10	10
5	8	7	4	3	5	3	3	3	4	6	9	13	14	14	15	14	13	13	13	10	9	8	8	10
6	12	13	13	14	16	15	17	18	19	22	25	28	33	39	47	57	60	56	56	36	19	-1	-15	-32
7	-60	-81	-79	-84	-79	-78	-70	-59	-53	-45	-37	-38	-44	-46	-43	-47	-48	-40	-39	-33	-30	-29	-23	-23
8	-21	-22	-24	-22	-25	-21	-19	-19	-19	-16	-16	-17	-15	-11	-13	-14	-14	-13	-12	-16	-19	-18	-15	-18
9	-22	-18	-18	-19	-15	-14	-13	-14	-14	-9	-8	-14	-14	-13	-16	-19	-19	-16	-12	-10	-7	-6	-8	-10
10	-8	-9	-12	-13	-9	-5	-5	-4	-2	-1	-3	-7	-7	-1	3	2	-1	-3	1	4	5	2	3	2
11	2	1	0	-1	-4	2	3	5	6	6	5	4	4	7	10	12	13	9	4	4	4	6	8	8
12	5	7	1	-2	-4	-4	-2	-1	1	4	4	2	3	3	3	3	1	2	3	7	6	5	5	4
13	2	0	0	-3	-2	3	3	2	1	-3	-6	-6	-3	-4	-0	0	3	6	3	2	3	6	6	5
14	2	1	-0	-0	1	3	4	5	6	9	9	2	1	2	3	4	5	8	8	5	4	3	4	6
15	5	8	7	5	1	-3	-3	-8	-4	-2	-2	-1	-0	-0	-2	-2	0	3	4	1	-1	-4	2	5
16	6	7	6	4	4	5	4	3	2	1	1	-1	-2	-1	-0	1	1	-1	1	3	8	10	10	7
17	-0	-1	-0	1	5	6	5	3	2	3	-3	-5	-8	-11	-15	-23	-29	-33	-34	-34	-29	-23	-20	-16
18	-15	-12	-13	-14	-21	-20	-14	-13	-11	-6	-0	4	1	-10	1	2	-9	-21	-32	-43	-50	-52	-51	-50
19	-41	-30	-27	-24	-25	-22	-18	-13	-9	-4	-4	-3	-1	6	11	12	12	5	-1	-8	-1	-0	1	-7
20	-11	-14	-22	-20	-16	-15	-20	-14	-13	-12	-13	-7	-2	-1	0	-7	-12	-14	-13	-10	-7	-2	-1	-3
21	1	-3	-5	-8	-6	-2	-3	-2	-3	-2	-2	1	10	17	16	13	8	2	2	3	5	8	8	8
22	5	4	2	2	3	5	4	1	0	0	0	-2	-1	-2	1	-0	3	6	6	4	4	4	-2	-2
23	-0	3	6	6	6	6	7	4	6	6	6	10	12	14	8	14	10	11	13	11	8	7	7	8
24	12	12	12	11	12	13	14	18	19	16	17	16	21	26	22	15	12	14	17	16	14	14	15	16
25	16	16	14	4	2	-5	-2	-1	-2	0	-2	-3	-4	-2	1	5	10	16	19	11	-3	-31	-26	-38
26	-29	-24	-24	-19	-20	-20	-19	-20	-14	-11	-9	-5	-4	-5	-12	-16	-12	-11	-7	-8	-6	-3	-1	-4
27	-2	-4	-8	-3	-3	-7	-8	-10	-10	-6	-2	1	-1	-3	-5	-7	-7	-10	-16	-15	-8	-1	-1	-6
28	-6	-2	4	6	5	1	-2	-1	3	4	2	4	7	9	0	-6	-4	-7	-8	-8	-7	-5	-4	-5
29	-6	-1	0	0	3	3	3	5	7	8	8	6	7	6	5	1	-7	-8	-7	-8	-5	-5	-6	-6
30	-7	-12	-13	-11	-6	-4	1	-1	1	5	2	-1	-4	-2	-1	-3	-3	-2	-2	-4	-13	-10	-5	-7

JULY 1963

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

AUGUST 1963

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	1	3	4	0	-1	-2	-2	-4	-7	-7	-9	-9	-9	-11	-12	-9	-3	-1	-4	-13	-13	-12
2	-6	-7	-9	-9	-8	-7	-5	-10	-11	-11	-15	-19	-18	-22	-8	-7	-2	0	1	3	1	-2	-2	1
3	-2	-6	-7	-6	-6	-4	-5	-5	-7	-8	-8	-8	-2	1	4	6	11	11	12	12	8	0	-3	-8
4	-6	-6	-9	-5	-3	-3	-7	-10	-9	-11	-13	-21	-22	-20	-11	-6	-3	0	-2	-6	-13	-17	-17	-12
5	-8	-10	-8	-10	-8	-6	-5	-9	-10	-13	-12	-15	-15	-6	1	4	6	6	6	1	-1	-10	-15	-13
6	-11	-9	-10	-10	-13	-16	-15	-13	-16	-13	-14	-13	-10	-6	-1	2	7	6	10	11	8	0	-3	-6
7	-4	-4	-8	-8	-6	-6	-5	-5	-9	-10	-13	-9	-3	-1	1	1	4	7	9	7	3	1	1	1
8	2	3	2	3	1	6	5	-0	-4	-3	-4	-5	-3	3	10	13	15	15	16	17	17	14	11	8
9	7	13	5	-5	-10	-9	-7	-13	-15	-13	-7	-4	-8	-11	-10	-6	-1	2	3	9	11	15	12	11
10	8	10	12	12	12	13	10	6	5	5	6	7	9	4	3	-6	2	4	2	10	13	12	9	9
11	5	5	9	8	6	5	8	9	10	9	9	8	6	7	3	1	2	3	5	4	3	1	4	6
12	8	7	4	6	9	5	2	3	4	8	10	8	5	5	10	7	9	8	7	7	8	9	10	11
13	10	6	4	6	7	8	8	7	7	7	6	6	6	5	6	9	10	11	11	12	12	8	7	7
14	8	8	9	6	8	9	8	7	5	5	7	7	8	10	12	16	21	21	23	24	27	28	25	22
15	15	21	21	20	22	24	23	20	19	19	22	24	26	23	21	25	23	22	16	8	0	-8	-7	4
16	8	6	5	2	3	4	5	2	0	-1	0	2	4	6	8	9	7	6	8	8	10	8	5	3
17	3	11	12	10	7	10	7	5	3	2	-2	2	4	7	11	14	13	19	26	22	13	2	1	4
18	3	1	-2	-7	-6	-12	-14	-13	-1	10	-3	-1	-1	-19	-27	-25	-22	-19	-21	-23	-21	-25	-16	-16
19	-12	-14	-17	-18	-17	-12	-12	-12	-10	-13	-14	-12	-11	-6	-4	-5	1	-11	-39	-39	-46	-58	-79	-83
20	-83	-74	-58	-59	-63	-69	-73	-68	-69	-63	-59	-61	-60	-53	-48	-47	-49	-46	-42	-38	-34	-34	-32	-33
21	-26	-31	-28	-31	-31	-36	-37	-35	-41	-43	-44	-40	-40	-42	-43	-38	-30	-26	-28	-26	-24	-21	-25	-28
22	-27	-27	-28	-27	-26	-26	-26	-26	-24	-22	-20	-22	-23	-25	-26	-22	-19	-17	-15	-10	-11	-19	-23	-24
23	-24	-27	-32	-35	-42	-41	-40	-36	-35	-33	-38	-44	-46	-42	-37	-31	-28	-32	-32	-28	-25	-22	-20	-24
24	-26	-22	-27	-30	-27	-25	-25	-24	-24	-24	-23	-22	-24	-28	-33	-30	-22	-20	-25	-29	-26	-19	-19	-16
25	-13	-12	-15	-19	-23	-22	-18	-18	-19	-17	-18	-18	-5	-1	-3	-2	1	4	7	5	1	-4	-9	-11
26	-11	-4	-3	-5	-9	-13	-14	-13	-13	-13	-13	-12	-5	-4	-5	-7	-8	-8	-13	-8	-5	-5	-3	-0
27	2	3	-0	-5	-2	-5	-1	4	3	1	-0	-5	-3	-6	-7	-9	-2	-8	-20	-27	-16	-18	-21	-17
28	-13	-7	-5	-10	-14	-16	-15	-11	-11	-10	-15	-18	-18	-17	-15	-19	-20	-27	-30	-31	-20	-23	-28	-20
29	-13	-12	-11	-16	-19	-16	-12	-10	-11	-13	-18	-15	-11	-8	-14	-15	-13	-11	-13	-17	-14	-13	-11	-10
30	-9	-10	-12	-14	-16	-16	-14	-13	-12	-12	-12	-11	-9	-9	-15	-19	-22	-18	-20	-21	-12	-6	-2	-5
31	-8	-8	-11	-9	-8	-12	-8	-5	-7	-9	-7	-3	-2	-14	-24	-29	-31	-27	-18	-14	-12	-12	-17	-14

OCTOBER 1963

DAY	UNIT=GAMMAS																						G. No 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	-26	-27	-26	-28	-30	-29	-28	-29	-29	-27	-27	-28	-27	-25	-26	-27	-29	-33	-38	-39	-40	-37	-34	-32
2	-31	-28	-26	-24	-24	-22	-20	-19	-14	-13	-10	-12	-15	-19	-19	-20	-21	-20	-21	-22	-17	-13	-11	-10
3	-12	-12	-14	-17	-19	-19	-19	-17	-17	-21	-20	-15	-12	-14	-18	-19	-18	-18	-19	-19	-18	-17	-16	-13
4	-13	-13	-13	-14	-20	-21	-22	-19	-21	-18	-17	-15	-8	-10	-18	-26	-26	-26	-25	-22	-21	-22	-21	-20
5	-18	-10	-7	-6	-4	-2	4	-0	-6	-10	-11	-8	-6	-3	-6	-11	-14	-17	-17	-15	-13	-15	-17	-16
6	-13	-13	-11	-13	-11	-13	-14	-12	-12	-12	-10	-11	-12	-12	-14	-17	-19	-21	-15	-9	-6	-7	-9	-12
7	-10	-2	4	1	-0	1	-3	-3	-4	-0	1	3	3	1	-4	-6	-13	-15	-11	-6	-5	-15	-29	-26
8	-21	-21	-23	-18	-20	-27	-27	-22	-20	-19	-19	-16	-23	-23	-22	-22	-24	-20	-17	-15	-15	-15	-17	-17
9	-15	-13	-16	-17	-17	-14	-13	-17	-19	-15	-12	-10	-9	-9	-9	-9	-10	-14	-17	-15	-16	-16	-16	-16
10	-21	-14	-9	-4	1	4	7	3	-6	-5	-1	-3	-6	-12	-12	-8	-6	-5	-8	-12	-19	-23	-24	-24
11	-25	-20	-17	-16	-13	-11	-15	-15	-13	-15	-15	-19	-28	-32	-27	-28	-38	-30	-29	-28	-27	-26	-33	-38
12	-37	-37	-35	-40	-33	-31	-27	-24	-24	-18	-19	-23	-23	-31	-32	-42	-48	-48	-41	-36	-42	-41	-36	-28
13	-25	-27	-29	-33	-28	-26	-30	-32	-30	-25	-21	-20	-24	-21	-24	-27	-21	-19	-20	-20	-22	-21	-24	-30
14	-40	-51	-48	-41	-39	-35	-38	-37	-32	-27	-27	-31	-38	-42	-39	-42	-54	-54	-44	-35	-35	-33	-33	-33
15	-31	-29	-28	-25	-26	-28	-25	-29	-26	-23	-24	-28	-27	-24	-22	-16	-16	-17	-22	-21	-22	-23	-23	-29
16	-30	-30	-30	-27	-28	-27	-25	-26	-28	-29	-32	-33	-35	-34	-35	-38	-36	-33	-38	-39	-32	-30	-32	-33
17	-29	-27	-24	-24	-24	-24	-28	-32	-32	-32	-33	-32	-34	-31	-30	-30	-30	-28	-26	-27	-27	-26	-26	-27
18	-29	-29	-27	-25	-26	-28	-30	-33	-36	-35	-31	-27	-26	-26	-25	-24	-22	-21	-25	-30	-32	-32	-33	-34
19	-31	-29	-28	-27	-29	-30	-30	-29	-27	-25	-22	-22	-24	-20	-19	-22	-19	-15	-15	-18	-22	-23	-26	-29
20	-31	-28	-29	-28	-27	-26	-26	-24	-23	-14	-5	-2	-9	-16	-15	-11	-9	-12	-17	-24	-27	-30	-36	-28
21	-22	-21	-20	-23	-33	-28	-25	-21	-21	-17	-14	-13	-14	-16	-14	-17	-20	-18	-17	-15	-11	-10	-8	-9
22	-10	-8	-8	-6	-2	0	1	2	1	-1	-5	-2	1	4	8	9	8	9	13	13	14	14	12	11
23	10	9	9	10	12	12	11	9	7	8	8	6	4	-1	-0	-2	-1	2	5	6	1	-1	-3	-12
24	-23	-40	-55	-74	-68	-73	-75	-91	-110	-113	-113	-101	-97	-97	-103	-101	-92	-76	-66	-72	-71	-72	-65	-67
25	-66	-56	-59	-56	-56	-53	-50	-54	-52	-47	-45	-46	-46	-46	-45	-43	-42	-41	-38	-37	-39	-41	-41	-40
26	-39	-42	-39	-39	-34	-32	-33	-36	-35	-35	-35	-36	-39	-37	-32	-28	-28	-29	-24	-22	-24	-23	-20	-15
27	-16	-18	-20	-20	-22	-23	-21	-20	-21	-17	-14	-14	-13	-11	-13	-14	-15	-15	-18	-16	-15	-16	-19	-21
28	-21	-20	-19	-18	-17	-17	-18	-20	-22	-20	-18	-20	-17	-14	-16	-16	-20	-23	-28	-32	-28	-28	-31	-36
29	-38	-34	-33	-35	-35	-35	-33	-33	-32	-34	-34	-32	-28	-25	-16	-21	-62	-85	-109	-130	-161	-181	-174	-181
30	-178	-170	-143	-116	-107	-101	-88	-83	-68	-64	-63	-58	-54	-54	-55	-53	-52	-52	-46	-45	-48	-44	-49	-51
31	-51	-47	-44	-42	-40	-39	-39	-37	-43	-36	-36	-35	-35	-36	-38	-40	-45	-44	-39	-36	-36	-35	-34	-36

SEPTEMBER 1963

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	-15	-14	-12	-13	-11	-7	-5	-8	-6	-7	-4	-7	-9	-8	-15	-21	-24	-30	-31	-27	-22	-19	-19
2	-17	-15	-14	-16	-16	-15	-12	-9	-7	-7	-8	-9	-9	-6	-5	-3	-2	-1	-6	-13	-7	-2	2	5
3	-1	-9	-11	-10	-8	-14	-13	-6	-4	-5	-8	-6	-2	-2	-9	-8	-8	-14	-17	-20	-22	-20	-21	-18
4	-13	-8	-6	-4	-8	-10	-5	0	-0	-4	-8	-8	-5	-0	2	3	2	-2	-5	-4	-2	-8	-12	-17
5	-12	-5	-7	-10	-12	-11	-7	-3	1	-0	1	3	11	12	18	16	11	1	-5	-8	-11	-12	-8	-6
6	-9	-6	0	2	-1	-1	-3	-1	-3	-1	-5	-9	-12	-14	-14	-14	-14	-17	-16	-13	-9	-4	-1	-1
7	-3	-1	1	1	-1	-3	-3	-0	-1	-1	-0	5	7	4	1	-1	1	4	5	5	1	1	-3	2
8	-1	-1	4	5	-5	-11	-7	-6	-3	-1	-6	-14	-13	-15	-14	-16	-21	-32	-37	-34	-26	-16	-10	-6
9	-2	-1	-5	-11	-19	-16	-9	-5	-5	-6	0	2	-1	-9	-15	-13	-13	-14	-16	-18	-19	-15	-14	-15
10	-14	-11	-11	-10	-10	-10	-7	-4	0	0	-1	-2	2	1	-1	-5	-11	-11	-13	-12	-8	-7	-12	-15
11	-16	-5	-6	-10	-13	-12	-8	-0	1	-9	-3	-5	2	2	-2	-8	-15	-27	-33	-41	-36	-31	-23	-19
12	-17	-15	-16	-17	-20	-19	-10	-9	-4	0	-2	-1	1	-3	-8	-10	-10	-12	-15	-21	-27	-26	-24	-20
13	-15	-11	-7	-7	-10	-10	-6	-1	3	4	1	1	2	2	2	-0	-1	3	2	3	-1	-6	-11	-14
14	-9	-22	-26	-27	-20	-4	-10	-47	-79	-72	-74	-66	-80	-89	-104	-111	-113	-110	-113	-100	-92	-85	-75	-69
15	-61	-49	-44	-42	-48	-44	-43	-34	-27	-27	-25	-32	-38	-49	-45	-46	-52	-60	-74	-77	-78	-76	-76	-68
16	-56	-50	-50	-49	-46	-46	-42	-40	-38	-36	-40	-37	-40	-46	-51	-57	-54	-52	-56	-65	-60	-57	-52	-56
17	-53	-40	-36	-34	-41	-45	-39	-33	-44	-55	-61	-57	-54	-56	-61	-69	-70	-66	-75	-70	-61	-55	-52	-48
18	-53	-45	-42	-35	-40	-40	-34	-29	-35	-39	-38	-36	-40	-45	-50	-55	-59	-59	-56	-55	-47	-41	-39	-36
19	-35	-36	-31	-33	-33	-29	-25	-22	-18	-23	-23	-33	-34	-39	-53	-64	-63	-62	-56	-56	-52	-44	-43	-38
20	-37	-32	-31	-32	-35	-31	-25	-22	-21	-19	-17	-18	-21	-29	-39	-47	-50	-44	-39	-42	-47	-51	-51	-56
21	-52	-45	-40	-36	-31	-33	-28	-24	-23	-25	-21	-21	-22	-25	-17	-30	-38	-78	-52	-37	-44	-42	-25	-18
22	-19	-17	-24	-47	-72	-94	-111	-113	-100	-98	-91	-83	-76	-91	-92	-88	-65	-72	-49	-46	-71	-120	-120	-144
23	-221	-247	-208	-207	-187	-152	-145	-133	-118	-109	-101	-89	-80	-78	-86	-90	-85	-80	-73	-68	-68	-73	-80	-82
24	-82	-79	-74	-71	-66	-62	-62	-56	-52	-58	-57	-58	-59	-62	-65	-70	-72	-73	-78	-94	-97	-105	-110	-111
25	-109	-81	-65	-105	-95	-54	-86	-89	-94	-88	-77	-63	-54	-55	-65	-74	-76	-77	-72	-66	-63	-60	-62	-59
26	-49	-46	-42	-44	-50	-53	-54	-44	-46	-48	-52	-54	-53	-51	-51	-51	-57	-60	-56	-53	-53	-56	-63	-62
27	-57	-48	-40	-36	-39	-38	-34	-32	-32	-34	-32	-32	-32	-37	-42	-41	-39	-39	-42	-38	-45	-48	-66	-66
28	-73	-59	-52	-61	-66	-63	-63	-57	-51	-47	-41	-40	-48	-64	-65	-68	-61	-61	-58	-67	-62	-65	-53	-45
29	-47	-41	-44	-41	-43	-44	-40	-39	-39	-38	-40	-37	-38	-35	-36	-37	-37	-44	-47	-54	-54	-46	-44	-38
30	-40	-37	-35	-34	-32	-32	-35	-31	-30	-32	-29	-27	-27	-28	-30	-31	-30	-31	-32	-33	-34	-33	-30	-28

NOVEMBER 1963

DAY	UNIT=CAMMAS																						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	-36	-36	-36	-38	-37	-37	-35	-36	-34	-32	-33	-34	-36	-34	-35	-37	-35	-32	-35	-34	-31	-33	-34	-31
2	-31	-29	-28	-27	-27	-28	-27	-27	-30	-24	-21	-17	-20	-21	-27	-32	-45	-50	-42	-35	-36	-37	-37	-34
3	-30	-26	-28	-33	-31	-35	-37	-39	-31	-34	-35	-35	-33	-31	-25	-22	-21	-21	-25	-32	-33	-32	-27	-27
4	-24	-24	-22	-23	-24	-25	-26	-23	-21	-21	-22	-22	-23	-22	-21	-19	-19	-19	-18	-20	-25	-24	-26	-27
5	-27	-27	-25	-22	-20	-19	-17	-14	-13	-13	-16	-21	-25	-24	-22	-20	-18	-17	-15	-14	-14	-14	-14	-14
6	-11	-10	-7	-3	-1	5	4	-3	-9	-7	-10	-11	-5	-6	-17	-22	-17	-13	-11	-15	-25	-24	-18	-17
7	-14	-17	-19	-23	-26	-32	-32	-27	-16	-16	-25	-32	-33	-38	-34	-35	-60	-73	-73	-59	-56	-53	-48	-46
8	-48	-56	-45	-40	-44	-44	-30	-37	-31	-24	-24	-28	-36	-32	-39	-43	-47	-43	-36	-36	-40	-40	-43	-40
9	-32	-34	-36	-39	-34	-32	-32	-26	-19	-18	-17	-17	-20	-23	-23	-38	-36	-34	-38	-49	-60	-55	-48	-47
10	-43	-46	-42	-42	-43	-32	-30	-23	-20	-20	-20	-25	-30	-30	-29	-36	-42	-43	-40	-38	-32	-28	-33	-31
11	-32	-32	-29	-30	-35	-37	-37	-27	-22	-23	-18	-19	-20	-20	-22	-24	-29	-26	-29	-36	-35	-26	-26	-23
12	-23	-26	-25	-23	-29	-32	-33	-34	-27	-27	-27	-27	-24	-21	-22	-30	-38	-42	-39	-35	-29	-30	-23	-27
13	-25	-24	-24	-24	-24	-23	-24	-22	-23	-22	-20	-20	-19	-21	-23	-26	-27	-25	-21	-21	-19	-19	-18	-20
14	-19	-19	-17	-18	-22	-23	-22	-18	-15	-14	-14	-12	-10	-11	-11	-13	-14	-14	-15	-15	-15	-15	-17	-18
15	-20	-22	-17	-18	-17	-18	-17	-14	-10	-7	-7	-8	-11	-10	-11	-12	-14	-15	-14	-13	-13	-15	-16	-14
16	-14	-13	-14	-16	-17	-17	-16	-15	-12	-9	-5	-3	-3	-3	-4	-5	-6	-6	-4	-4	-7	-9	-8	-3
17	-2	-4	-3	-4	-4	-6	-4	1	3	23	20	11	13	15	-6	-26	-35	-24	-12	-8	-13	-20	-22	-18
18	-21	-22	-21	-21	-24	-26	-27	-24	-24	-22	-18	-15	-12	-12	-13	-14	-15	-16	-18	-19	-17	-17	-15	-15
19	-15	-14	-12	-12	-12	-11	-11	-11	-12	-13	-16	-14	-12	-12	-12	-12	-11	-11	-11	-12	-10	-9	-8	-8
20	-8	-6	-6	-11	-11	-7	-5	-2	2	1	-4	-4	-4	-4	-7	-6	-6	-4	-3	-5	-8	-6	-4	-1
21	0	2	1	0	-1	-1	-1	1	4	1	-6	-4	-2	-5	-5	-5	-6	-7	-9	-9	-7	-7	-7	-9
22	-7	-6	-5	-3	-2	-3	-1	-0	3	3	-2	-4	5	14	17	19	8	-5	-18	-17	-14	-14	-9	-10
23	-12	-13	-14	-13	-7	-4	-4	-7	-9	-12	-13	-8	-7	-5	-3	-3	-4	-5	-6	-9	-14	-11	-8	-8
24	-7	-5	-6	1	0	-1	-3	-1	-2	-1	-1	-12	-22	-22	-29	-36	-47	-46	-49	-60	-65	-60	-64	-64
25	-56	-43	-46	-45	-41	-41	-39	-33	-29	-31	-32	-28	-27	-25	-24	-25	-28	-28	-22	-19	-17	-15	-14	-15
26	-16	-17	-17	-16	-16	-17	-13	-10	-11	-16	-18	-19	-18	-18	-17	-15	-16	-18	-17	-16	-14	-12	-10	-8
27	-7	-8	-9	-10	-14	-16	-17	-14	-15	-18	-13	-7	-6	-4	-5	-5	-3	-3	-5	-4	-6	-10	-9	-8
28	-6	-6	-8	-16	-16	-13	-8	-4	-2	-6	-7	-6	-6	-2	-1	-4	-6	-7	-7	-5	-1	-1	-2	-3
29	-2	-4	-6	-9	-11	-12	-12	-5	0	4	7	5	5	6	9	6	5	7	9	6	4	-2	-1	-5
30	-16	-16	-14	-14	-13	-10	-4	-3	-2	-5	-9	-15	-24	-10	-3	-5	-16	-18	-27	-26	-20	-15	-12	-10

DECEMBER 1963

DAY	UNIT=GAMMAS																						G. No. 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	-10	-9	-11	-10	-7	-6	-8	-7	-10	-10	-10	-8	-7	-5	-6	-6	-9	-9	-7	-5	-5	0	4
2	7	9	9	1	-4	-8	-14	-13	-9	-8	-9	-8	-8	-8	-12	-15	-13	-12	-20	-15	-9	1	7	11
3	4	-5	-6	-10	-5	8	1	-14	-14	-16	-17	-19	-26	-34	-31	-26	-30	-33	-34	-43	-40	-27	-27	-25
4	-23	-22	-22	-22	-22	-23	-25	-24	-21	-18	-16	-17	-23	-22	-19	-23	-26	-32	-25	-20	-18	-32	-46	-41
5	-27	-34	-34	-30	-26	-23	-29	-26	-23	-20	-21	-21	-19	-23	-33	-26	-27	-25	-28	-29	-30	-40	-38	-30
6	-24	-25	-26	-26	-21	-17	-18	-17	-10	-11	-13	-15	-21	-19	-22	-16	-13	-14	-18	-25	-29	-24	-20	-18
7	-16	-15	-17	-18	-20	-20	-19	-21	-25	-22	-21	-18	-19	-17	-12	-19	-21	-19	-17	-15	-18	-17	-20	-18
8	-17	-14	-14	-15	-18	-15	-17	-22	-26	-29	-28	-25	-25	-26	-22	-20	-19	-21	-20	-19	-19	-15	-15	-15
9	-15	-13	-12	-13	-14	-16	-17	-16	-18	-14	-13	-13	-16	-19	-21	-16	-9	-6	-6	-7	-7	-7	-7	-9
10	-8	-8	-10	-11	-10	-7	-7	-7	-9	-7	-5	-5	-5	-5	-4	-4	-5	-7	-8	-7	-6	-3	-3	-5
11	-3	-2	-2	-2	-0	-1	-2	-2	-4	-6	-6	-3	-1	-0	-0	-0	-1	-2	-2	-0	4	6	3	-1
12	-3	-2	-3	-4	-4	-4	-6	-8	-7	-4	-6	-6	-5	-3	0	2	1	-1	-0	1	1	5	7	-0
13	-4	1	1	0	-4	-15	-9	-5	-5	-1	-1	-5	-11	-12	-6	-2	-1	-0	1	1	-0	2	2	2
14	2	1	-2	-6	-4	-1	-1	-6	-12	-9	-6	-4	-4	-1	-1	-8	-11	-5	-3	-9	-20	-19	-12	-11
15	-10	-11	-13	-16	-15	-16	-13	-13	-16	-21	-22	-24	-19	-13	-10	-13	-18	-19	-16	-11	-9	-7	-7	-7
16	-9	-9	-9	-10	-11	-9	-9	-10	-9	-9	-12	-15	-18	-17	-12	-9	-5	-3	-5	-7	-6	-5	-7	-8
17	-7	-5	-5	-6	-6	-6	-8	-10	-9	-10	-9	-9	-9	-10	-8	-7	-7	-6	-7	-7	-7	-6	-3	-2
18	3	5	2	-2	-3	-1	0	-0	1	1	-5	-1	3	4	4	2	2	5	6	5	-0	-2	-1	-1
19	-0	-0	1	1	2	5	3	1	1	5	6	4	2	5	8	6	4	2	3	7	16	17	3	-11
20	-4	-3	1	11	12	6	-11	-12	-16	-13	-12	-13	-16	-10	-9	-11	-13	-11	-11	-18	-24	-21	-18	-17
21	-16	-13	-12	-10	-6	-4	-5	-7	-13	-10	-7	-7	-2	-8	-3	-1	-11	-12	-7	-8	-7	-6	-13	-18
22	-14	-12	-12	-11	-15	-16	-16	-15	-14	-13	-17	-23	-25	-24	-13	-6	-7	-9	-20	-18	-16	-13	-14	-15
23	-15	-15	-14	-13	-14	-15	-19	-15	-20	-19	-19	-18	-19	-17	-13	-12	-21	-25	-17	-18	-13	-10	-13	-14
24	-16	-21	-20	-16	-12	-11	-13	-15	-17	-14	-14	-16	-17	-19	-14	-11	-9	-12	-11	-10	-10	-12	-11	-8
25	-9	-8	-9	-10	-9	-8	-10	-12	-12	-11	-9	-12	-16	-17	-14	-12	-10	-8	-6	-5	-7	-7	-7	-8
26	-8	-8	-10	-9	-11	-13	-11	-9	-7	-5	-10	-15	-20	-18	-13	-12	-14	-12	-10	-9	-8	-8	-10	-11
27	-13	-12	-12	-13	-9	-5	-4	-4	-5	-2	-4	-9	-13	-7	-1	3	-2	-3	-1	-4	-1	3	6	6
28	5	1	-2	-2	-1	1	3	4	7	4	3	2	0	-4	-1	-1	-2	-3	-3	-9	-5	-2	2	
29	3	-0	5	7	5	4	1	-1	2	6	4	-16	-35	-38	-38	-38	-39	-33	-32	-24	-21	-22	-23	-21
30	-18	-19	-16	-15	-13	-14	-20	-23	-20	-13	-13	-15	-16	-15	-14	-12	-14	-15	-16	-18	-17	-16	-16	-15
31	-14	-13	-12	-10	-8	-8	-11	-11	-10	-12	-13	-11	-10	-10	-9	-7	-7	-8	-6	-7	-11	-14	-13	-10

DAILY MEANS OF EQUATORIAL DST FOR 1963

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
DAY												
1	-10	-35	-7	-3	-18	-0	0	-6	-14	-30	-35	-7
2	1	-15	0	0	-10	-1	4	-7	-8	-19	-31	-6
3	7	-6	3	7	-3	2	10	-1	-11	-17	-30	-20
4	3	1	3	12	-18	4	5	-10	-5	-19	-23	-24
5	-7	-4	1	-15	-7	9	-5	-6	-2	-10	-19	-28
6	5	1	-1	-9	-3	24	-10	-6	-7	-12	-11	-19
7	2	4	4	-6	3	-50	-5	-2	1	-6	-37	-19
8	-4	3	-15	-0	1	-17	2	6	-12	-20	-39	-20
9	7	20	-8	-3	-4	-14	-5	-1	-10	-14	-34	-13
10	1	-48	-21	-2	-9	-3	-1	7	-7	-9	-33	-7
11	10	-21	-22	3	-8	5	-1	6	-13	-23	-27	-1
12	2	-15	-17	4	-5	3	5	7	-13	-33	-29	-2
13	-6	-19	-12	-10	-14	1	6	8	-3	-25	-22	-3
14	-18	-12	-7	-7	-11	4	14	13	-67	-39	-16	-6
15	-19	-12	-5	-15	-11	1	14	17	-51	-25	-14	-14
16	-22	-6	4	-0	-5	3	16	5	-49	-32	-9	-9
17	-19	2	1	2	4	-11	-17	9	-53	-28	-5	-7
18	-16	8	-4	2	2	-19	-8	-12	-44	-29	-19	1
19	-23	15	-6	7	3	-8	-4	-23	-39	-24	-12	4
20	-17	12	2	2	-6	-10	18	-55	-35	-21	-5	-10
21	-9	-1	-3	-0	9	3	1	-33	-34	-18	-3	-9
22	-5	0	8	-3	10	2	-14	-22	-79	3	-2	-15
23	-1	4	8	-17	13	8	-6	-33	-119	5	-8	-16
24	-1	4	0	2	17	16	-16	-25	-74	-80	-25	-14
25	-17	5	7	13	22	-0	-9	-10	-77	-47	-30	-10
26	-7	4	4	8	4	-13	-8	-8	-52	-32	-15	-11
27	1	9	5	3	12	-6	-10	-7	-41	-17	-9	-4
28	4	10	15	12	1	-1	-9	-17	-58	-22	-6	-0
29	8		10	14	-6	0	4	-13	-42	-66	0	-14
30	-22		5	19	-7	-4	-10	-13	-32	-77	-13	-16
31	-63		8		-0		-8	-13		-39		-10
MEAN	-8	-3	-1	1	-1	-2	-2	-8	-35	-27	-19	-11

ANNUAL MEAN -10

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	-11	-14	-14	-11	-9	-8	-4	2	6	7	6	8	12	15	19	15	14	22	25	18	10	17	14	11
2	10	10	14	12	-10	-34	-64	-67	-70	-97	-97	-95	-69	-60	-61	-57	-55	-52	-51	-54	-56	-59	-60	-58
3	-55	-56	-60	-55	-51	-45	-41	-40	-41	-40	-42	-40	-35	-32	-34	-29	-25	-29	-28	-30	-28	-26	-27	-35
4	-35	-39	-43	-46	-42	-35	-36	-33	-31	-32	-33	-32	-26	-22	-23	-19	-18	-18	-23	-25	-28	-30	-30	-28
5	-35	-38	-36	-36	-31	-27	-25	-22	-20	-22	-23	-22	-23	-24	-20	-16	-13	-14	-16	-18	-21	-22	-24	-28
6	-33	-33	-31	-28	-27	-23	-20	-20	-21	-22	-20	-19	-17	-16	-12	-11	-13	-13	-15	-18	-18	-22	-24	-24
7	-25	-25	-26	-25	-21	-18	-11	-5	-7	-16	-23	-27	-25	-17	-8	-10	-12	-14	-13	-13	-13	-14	-17	-21
8	-24	-23	-21	-20	-19	-12	-8	-7	-5	-9	-13	-12	-10	-9	-3	1	3	1	1	1	2	1	-10	-17
9	-19	-15	-6	-5	-19	-17	-13	-10	-10	-10	-15	-10	-8	-2	0	-2	-8	-13	-13	-20	-17	-22	-29	-21
10	-31	-27	-19	-16	-24	-33	-23	-20	-20	-18	-20	-18	-17	-18	-14	-12	-16	-17	-15	-14	-16	-21	-25	-26
11	-25	-22	-23	-27	-28	-22	-19	-15	-13	-15	-18	-16	-10	-11	-10	-9	-9	-7	-9	-11	-17	-17	-17	-20
12	-26	-24	-21	-19	-18	-15	-14	-12	-9	-9	-11	-11	-9	-10	-13	-10	-7	-7	-7	-8	-10	-13	-13	-15
13	-19	-21	-23	-24	-23	-19	-13	-9	-8	-10	-13	-14	-12	-7	-4	3	7	5	1	-2	-6	-9	-12	-11
14	-9	-9	-11	-13	-14	-11	-9	-7	-4	-6	-8	-8	-5	-5	-6	-4	-6	-7	-6	-7	-8	-7	-5	-1
15	1	0	-0	-2	-3	-3	-1	0	1	-0	-3	-3	-1	-2	-2	1	1	0	-1	0	1	3	4	6
16	10	26	29	32	33	27	7	-3	-10	-17	-19	-40	-39	-31	-25	-27	-31	-34	-37	-34	-39	-41	-43	-40
17	-38	-39	-37	-27	-23	-18	-22	-26	-24	-26	-31	-30	-26	-23	-19	-21	-22	-19	-17	-15	-13	-14	-14	-16
18	-23	-26	-24	-26	-24	-22	-20	-18	-15	-13	-16	-16	-15	-15	-11	-9	-8	-10	-15	-14	-15	-17	-20	-21
19	-23	-24	-23	-22	-21	-17	-10	-6	-6	-10	-14	-14	-13	-12	-11	-8	-12	-16	-15	-12	-12	-6	-8	-14
20	-26	-27	-21	-16	-12	-11	-9	-7	-7	-12	-12	-11	-8	-7	-9	-11	-13	-11	-9	-8	-7	-6	-10	-16
21	-21	-24	-22	-18	-15	-11	-7	-4	-3	-1	-2	-5	-4	-3	-1	-0	-3	-3	-1	-0	2	2	0	-4
22	-9	-13	-10	-8	-7	-8	-9	-10	-8	-6	-7	-4	-4	-6	-7	-7	-8	-6	-6	-6	-5	-2	-3	-6
23	-9	-13	-14	-12	-7	-1	5	8	11	11	9	18	22	21	12	11	5	4	5	4	1	-1	-4	-5
24	-10	-10	-10	-3	3	6	5	2	5	2	-1	-9	-17	-22	-15	-14	-13	-13	-13	-16	-15	-16	-17	-17
25	-16	-14	-10	-5	-5	-9	-11	-10	-10	-12	-11	-9	-7	-4	-3	0	1	1	2	-0	-16	-22	-21	-21
26	-22	-22	-22	-19	-18	-16	-14	-13	-13	-14	-14	-12	-7	-3	-9	-13	-17	-19	-21	-18	-18	-19	-17	-14
27	-15	-19	-16	-15	-16	-15	-12	-9	-8	-6	-7	-8	-8	-8	-9	-8	-8	-8	-8	-9	-9	-8	-7	-3
28	3	4	1	2	8	5	-1	-8	-12	-10	-6	-3	-4	-5	-4	-1	-2	-3	-3	9	23	30	34	11
29	2	-9	-8	-3	-7	-21	-19	-15	-21	-23	-25	-20	-17	-21	-29	-24	-19	-21	-23	-24	-26	-27	-29	-27
30	-24	-22	-26	-20	-21	-20	-18	-15	-18	-18	-13	-15	-11	-7	-8	-11	-12	-12	-12	-9	-8	-11	-13	-12
31	-13	-13	-11	-8	-6	-3	1	5	8	1	-3	-18	-16	-15	-13	-14	-15	-17	-19	-14	-24	-27	-27	-29

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	-33	-36	-30	-25	-22	-20	-20	-18	-16	-15	-14	-15	-13	-12	-13	-14	-13	-15	-19	-20	-21	-17	-14	-17
2	-20	-17	-16	-13	-9	-10	-9	-9	-9	-6	-6	-9	-9	-11	-14	-16	-11	-8	-6	-6	-7	-8	-8	-9
3	-9	-9	-10	-9	-7	-6	-7	-6	-6	-4	-4	-5	-4	-4	-5	-2	-0	1	-1	-2	-4	-2	1	2
4	4	3	4	6	11	12	14	4	-13	-14	-16	-12	-10	-14	-11	-14	-14	-13	-9	-8	-11	-18	-16	-11
5	-8	-5	-4	-4	-4	-2	-1	-0	-1	-3	-5	-5	-5	-4	-2	0	4	6	7	10	8	-22	-36	-25
6	-25	-28	-30	-25	-19	-29	-33	-28	-32	-21	-27	-31	-20	-17	-24	-26	-31	-32	-32	-37	-35	-32	-36	-26
7	-21	-22	-24	-28	-28	-27	-28	-28	-25	-19	-19	-20	-15	-17	-18	-19	-22	-20	-21	-21	-21	-21	-25	-21
8	-20	-16	-14	-13	-16	-19	-20	-19	-19	-16	-14	-14	-15	-12	-9	-9	-18	-14	-14	-18	-23	-34	-43	-46
9	-45	-38	-40	-38	-34	-33	-34	-33	-31	-28	-29	-27	-24	-20	-21	-21	-20	-20	-18	-21	-21	-16	-14	-16
10	-16	-17	-21	-23	-22	-20	-19	-19	-18	-15	-15	-15	-17	-17	-16	-16	-16	-18	-18	-13	-12	-17	-16	-16
11	-15	-14	-14	-18	-20	-21	-22	-19	-17	-16	-14	-12	-11	-10	-9	-5	-2	1	1	0	-2	-3	-6	-4
12	-3	-4	-7	-8	-8	-8	2	2	11	10	-9	-6	1	-3	2	-4	-12	-11	-8	-6	-5	1	5	2
13	1	2	-4	-25	-38	-41	-39	-32	-27	-21	-28	-26	-23	-25	-18	-17	-29	-32	-30	-27	-35	-35	-33	-28
14	-24	-21	-22	-25	-25	-21	-21	-24	-26	-23	-23	-19	-18	-18	-16	-13	-11	-16	-17	-15	-12	-12	-14	-15
15	-13	-10	-9	-9	-13	-18	-20	-19	-19	-14	-15	-17	-17	-13	-15	-14	-11	-7	-10	-10	-10	-7	-3	-3
16	-6	-6	-4	-5	-7	-10	-12	-14	-12	-11	-12	-9	-9	-11	-11	-10	-8	-9	-9	-10	-10	-10	-8	-6
17	-6	-6	-5	-3	-2	-3	-4	-7	-9	-10	-9	-9	-8	-7	-10	-9	-9	-11	-13	-15	-12	-9	-3	-2
18	-3	-3	-4	-2	-1	-2	-4	-4	-3	-7	-7	-6	-4	-3	-4	-4	-12	-16	-12	-9	-7	-7	-6	-5
19	-7	-6	-9	-14	-12	-9	-8	-8	-7	-4	-2	-4	-6	-7	-6	-7	-8	-10	-10	-9	-7	-6	-4	-5
20	-8	-7	-5	-3	0	2	7	13	15	16	19	20	25	29	26	8	7	-12	-19	-12	-7	-11	-40	-51
21	-63	-61	-56	-55	-56	-50	-43	-40	-37	-32	-30	-31	-22	-24	-25	-23	-24	-26	-24	-20	-21	-21	-19	-20
22	-21	-24	-24	-23	-22	-21	-21	-20	-18	-17	-18	-18	-16	-12	-5	-5	-10	-16	-19	-19	-19	-17	-19	-22
23	-23	-23	-20	-22	-20	-19	-18	-13	-9	-6	-7	-9	-14	-14	-16	-17	-18	-19	-17	-17	-18	-17	-16	-18
24	-16	-13	-12	-11	-12	-12	-9	-5	-5	1	6	1	-6	-3	-1	1	0	-2	-4	-7	-8	-10	-8	-2
25	3	1	-2	-9	-13	-14	-11	-8	-5	-5	-4	-4	-5	-6	-3	2	-7	-18	-31	-38	-30	-23	-20	-20
26	-18	-14	-20	-28	-35	-37	-32	-28	-25	-24	-24	-20	-26	-27	-23	-20	-22	-19	-15	-13	-11	-10	-9	-16
27	-18	-15	-17	-17	-19	-21	-21	-19	-17	-16	-15	-15	-16	-16	-17	-14	-11	-5	-9	-8	-11	-9	-7	-11
28	-11	-14	-18	-19	-17	-15	-24	-24	-18	-15	-9	-10	-8	-4	-7	-7	-8	-10	-9	-11	-8	-7	-3	-7
29	-8	-6	-8	-16	-24	-23	-19	-21	-16	-14	-14	-13	-10	-7	-6	-11	-13	-14	-13	-11	-15	-16	-15	-17

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	-16	-16	-15	-14	-15	-16	-16	-13	-8	-5	-6	-8	-9	-11	-10	-6	-6	-8	-13	-15	-15	-11	-7	-6
2	-3	-2	-1	1	1	-1	-4	-4	-3	-3	-2	-2	-2	-0	1	2	-0	-2	-3	-3	-4	-2	-1	-1
3	-1	1	2	-2	-6	-10	-9	-3	2	5	7	10	13	19	21	17	15	13	14	14	7	-1	4	10
4	16	-2	-37	-46	-53	-72	-57	-51	-52	-38	-44	-58	-62	-41	-43	-44	-48	-54	-53	-47	-49	-53	-54	-61
5	-62	-55	-53	-51	-47	-45	-42	-43	-36	-42	-37	-37	-27	-31	-35	-34	-31	-33	-39	-47	-59	-53	-46	-41
6	-38	-37	-40	-42	-47	-42	-34	-33	-27	-25	-27	-32	-26	-29	-29	-33	-35	-35	-30	-30	-31	-30	-27	-28
7	-29	-33	-37	-41	-41	-35	-31	-29	-26	-23	-20	-21	-19	-17	-12	-11	-15	-16	-21	-31	-37	-34	-28	-32
8	-39	-34	-30	-36	-34	-34	-36	-34	-29	-21	-28	-26	-27	-20	-15	-15	-14	-13	-12	-14	-19	-23	-25	-23
9	-24	-22	-26	-39	-44	-39	-30	-22	-21	-25	-25	-18	-17	-15	-13	-13	-14	-14	-16	-17	-20	-19	-14	-12
10	-14	-15	-17	-19	-23	-22	-18	-13	-12	-13	-16	-15	-14	-15	-14	-12	-13	-14	-16	-20	-19	-16	-14	-14
11	-12	-13	-16	-26	-17	-13	-13	-14	-21	-28	-31	-21	-17	-17	-16	-11	-7	-4	-5	-4	-4	-1	2	3
12	3	-6	-17	-49	-64	-57	-46	-36	-34	-30	-23	-24	-24	-22	-24	-25	-25	-23	-21	-22	-21	-19	-18	-21
13	-22	-19	-17	-18	-20	-20	-18	-19	-16	-11	-11	-5	-4	-4	-3	-4	-7	-9	-12	-13	-14	-13	-10	-8
14	-7	-4	-2	-7	-12	-11	-6	-3	-5	-8	-10	-8	-9	-10	-14	-18	-20	-17	-15	-16	-26	-22	-18	-16
15	-16	-22	-20	-21	-22	-17	-10	-7	-7	-7	-8	-9	-8	-7	-10	-13	-17	-16	-15	-13	-8	-9	-10	-13
16	-15	-22	-19	-17	-18	-15	-12	-7	-5	-4	-4	-4	-4	-2	1	7	10	15	13	14	13	8	5	6
17	9	2	-8	-8	-8	-12	-11	-9	-12	-14	-17	-7	-10	-11	-9	-9	-11	-13	-11	-8	-7	-6	-9	-9
18	-11	-10	-6	-7	-6	-6	-6	-6	-8	-9	-11	-7	-6	-9	-10	-9	-9	-6	1	3	5	7	4	0
19	-2	-3	-1	-3	0	0	0	-1	1	5	5	4	6	8	8	5	1	1	3	5	6	5	7	9
20	13	10	13	12	6	7	7	7	10	9	8	8	8	10	7	7	4	4	2	-4	2	2	3	-3
21	-15	-24	-28	-36	-41	-39	-34	-27	-19	-16	-13	-6	-4	-3	-1	0	2	12	19	9	5	3	-3	-1
22	-3	-6	-12	-15	-14	-12	-9	0	2	-8	-8	-6	-8	14	1	3	1	2	-7	-23	-38	-36	-43	-36
23	-33	-32	-34	-34	-35	-32	-24	-20	-15	-19	-11	-14	-14	-11	-13	-16	-15	-12	-14	-16	-14	-15	-16	-16
24	-17	-17	-23	-30	-35	-31	-29	-23	-21	-24	-16	-14	-14	-14	-17	-17	-14	-19	-22	-23	-23	-20	-19	-16
25	-20	-21	-30	-29	-24	-22	-20	-16	-14	-15	-13	-12	-14	-16	-12	-14	-12	-10	-10	-18	-19	-20	-19	-18
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27	-14	-15	-15	-16	-15	-14	-11	-10	-10	-9	-8	-6	-7	-9	-11	-12	-11	-7	-7	-6	-3	0	-2	-1
28	-3	-6	-8	-6	-4	-2	-0	-1	-2	-4	-4	-3	-3	-4	-6	-3	-3	-3	-3	-4	-6	-4	-2	-4
29	-6	-4	-1	-1	1	2	1	1	-0	-0	1	2	3	1	2	4	5	5	4	7	15	13	11	13
30	11	8	3	-14	-30	-40	-29	-29	-39	-35	-16	-9	-7	-17	-20	-30	-30	-26	-28	-33	-35	-37	-36	-35
31	-30	-26	-28	-30	-30	-28	-26	-24	-24	-26	-24	-22	-20	-21	-21	-24	-24	-22	-18	-15	-15	-15	-13	-9

APRIL 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	-8	-3	2	3	3	4	3	4	6	7	3	-5	-11	-28	-35	-41	-59	-70	-80	-86	-96
2	-82	-77	-75	-72	-66	-50	-50	-49	-48	-49	-50	-41	-42	-44	-44	-42	-41	-42	-38	-43	-48	-52	-51	-50
3	-51	-59	-51	-47	-40	-40	-38	-32	-31	-27	-32	-27	-19	-25	-27	-27	-29	-35	-34	-33	-31	-25	-21	-28
4	-29	-40	-38	-38	-38	-32	-33	-28	-25	-26	-28	-27	-27	-29	-29	-26	-28	-29	-29	-25	-24	-31	-32	-27
5	-26	-30	-32	-34	-33	-28	-27	-28	-29	-32	-23	-20	-23	-25	-24	-22	-22	-17	-13	-13	-17	-18	-18	-21
6	-17	-13	-16	-20	-21	-21	-20	-19	-18	-18	-14	-13	-13	-13	-10	-11	-9	-9	-10	-10	-9	-8	-5	-7
7	-9	-8	-15	-18	-20	-25	-29	-30	-28	-24	-18	-17	-15	-12	-14	-11	-5	-5	-5	-5	-10	-2	-0	-3
8	-5	-8	-11	-14	-16	-16	-15	-14	-13	-15	-16	-15	-7	-6	-7	-8	-9	-12	-12	-11	-13	-10	-7	-5
9	-6	-10	-18	-19	-21	-15	-16	-16	-15	-16	-20	-17	-8	-8	-12	-16	-16	-17	-18	-15	-13	-13	-12	-11
10	-12	-11	-11	-12	-14	-15	-13	-13	-14	-12	-7	-1	-5	-8	-8	-9	-10	-11	-10	-5	-1	-2	-1	3
11	2	0	4	5	5	2	-2	-5	-9	-14	-9	-11	-21	-23	-22	-22	-21	-24	-29	-29	-22	-21	-16	-11
12	-7	-5	-5	-4	-5	-9	-10	-12	-13	-11	-8	-4	-5	-9	-10	-7	-7	-9	-7	-3	-0	3	-0	-6
13	-3	-6	-8	-3	1	2	1	-1	-1	1	3	4	1	-4	-8	-8	-4	2	6	10	11	12	10	7
14	4	3	5	3	3	3	2	1	2	-0	-3	-8	-6	-4	-5	-7	-6	-4	-2	-2	-2	-4	-5	-8
15	-9	-3	-4	0	4	7	7	5	4	3	3	1	2	-2	-5	-7	-1	1	4	5	4	0	-7	-18
16	-16	-17	-15	-18	-18	-19	-20	-16	-14	-13	-10	-5	-8	-6	-4	-4	-6	-5	-4	0	7	13	20	19
17	18	10	-0	-6	-10	-15	-32	-33	-28	-20	-14	-12	-17	-19	-19	-21	-20	-18	-16	-13	-14	-13	-8	-8
18	-5	-5	-7	-7	-5	-3	3	8	4	5	6	-4	3	3	-2	-2	-7	-4	-8	-11	-15	-20	-19	-19
19	-22	-21	-19	-14	-11	-7	-7	-9	-13	-6	-4	-6	-2	-6	-10	-15	-16	-17	-15	-15	-20	-32	-22	-14
20	-10	-10	-9	-10	-9	-4	-7	-11	-5	-4	-4	-4	-7	-12	-13	-15	-13	-13	-14	-9	-7	-4	-14	-26
21	-27	-25	-18	-13	-10	-10	-10	-10	-10	-9	-6	-8	-7	-5	-9	-5	-9	-11	-12	-16	-21	-16	-12	-7
22	-3	-4	-6	-8	-9	-8	-7	-6	-4	-4	-5	-3	-1	1	2	2	2	2	-0	-1	-4	-5	-3	-2
23	0	-3	-3	-3	-1	-1	-3	0	1	4	4	3	0	-1	-1	1	1	1	1	2	1	5	10	9
24	9	6	2	3	2	4	5	4	4	7	8	8	5	7	9	8	5	7	6	8	12	15	16	15
25	10	9	7	9	11	12	13	13	14	3	4	-1	-7	-2	-2	1	1	-0	-3	-4	-4	-6	-13	-14
26	-3	1	-5	-20	-24	-23	-25	-27	-29	-28	-23	-16	-12	-8	-5	-7	-9	-7	-6	-4	-3	-2	-4	-7
27	-7	-13	-13	-14	-5	0	-10	-17	-15	-12	-10	-2	-3	-5	-8	-12	-19	-26	-28	-24	-39	-42	-34	-41
28	-34	-35	-48	-35	-34	-27	-26	-34	-26	-37	-37	-30	-21	-27	-30	-28	-27	-28	-27	-29	-24	-20	-23	-26
29	-29	-33	-29	-26	-27	-23	-27	-27	-21	-19	-23	-25	-22	-22	-21	-23	-23	-21	-23	-18	-15	-17	-17	-14
30	-10	-10	-11	-11	-11	-11	-10	-11	-11	-10	-9	-3	-5	-5	-1	5	5	1	3	0	-10	-24	-27	-39

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	-54	-46	-58	-53	-42	-36	-35	-29	-30	-31	-30	-27	-27	-34	-32	-29	-29	-26	-25	-21	-18	-14	-12	-17
2	-19	-19	-20	-19	-15	-13	-13	-14	-21	-24	-25	-23	-24	-26	-25	-25	-26	-26	-25	-23	-23	-23	-24	-22
3	-20	-21	-24	-19	-16	-14	-13	-14	-14	-13	-12	-13	-14	-13	-11	-12	-13	-13	-11	-8	-6	-6	-5	-3
4	-3	-5	-6	-8	-9	-8	-9	-8	-5	-4	-4	-2	-1	-1	-2	-2	-4	-4	-3	-3	-2	-2	1	3
5	9	18	25	30	25	18	6	8	6	2	-4	-11	-6	-7	-7	-7	-12	-15	-16	-16	-13	-13	-10	-8
6	-5	-2	1	3	4	3	2	1	8	10	4	1	1	-1	-2	-2	-2	-3	-3	-6	-4	-0	6	5
7	3	2	-0	-5	-6	-7	-11	-10	-9	-6	-6	-4	-2	-3	-5	-4	-1	-1	-2	-4	-4	-4	-3	-1
8	-0	-1	-1	0	1	2	2	3	5	5	6	6	7	9	9	7	6	6	8	7	8	8	10	12
9	12	10	10	11	11	12	11	11	9	10	9	9	9	7	4	2	3	2	2	4	5	5	7	10
10	16	26	24	19	25	31	32	32	27	15	20	22	19	15	4	3	9	1	-12	-32	-40	-51	-63	-70
11	-79	-83	-86	-87	-85	-70	-64	-53	-51	-45	-40	-39	-36	-33	-28	-26	-22	-24	-24	-24	-21	-20	-20	-20
12	-23	-23	-22	-22	-21	-19	-18	-18	-18	-17	-17	-17	-14	-12	-10	-8	-9	-9	-9	-7	-6	-7	-8	-10
13	-9	-9	-9	-8	-3	0	2	3	5	12	20	23	27	11	-4	0	20	42	32	10	-6	-1	3	5
14	-0	-5	-9	-5	1	-1	-4	-11	-17	-12	-8	-3	1	-3	1	-19	-12	-8	-6	-7	-5	-6	-6	-5
15	-11	-14	-15	-37	-52	-47	-38	-25	-27	-26	-19	-16	-13	-12	-11	-10	-8	-9	-10	-14	-20	-22	-21	-21
16	-20	-23	-19	-18	-20	-17	-12	-14	-11	-17	-9	-8	-9	-6	-6	-5	-3	-3	-5	-8	-5	3	3	-5
17	-11	-15	-16	-14	-10	-9	-8	-9	-12	-8	-10	-11	-12	-17	-13	-9	-5	-1	0	-0	-2	-13	-17	-14
18	-12	-13	-13	-12	-12	-10	-5	-4	-5	-4	-4	-7	-7	-6	-5	-4	-2	-1	0	5	6	5	4	4
19	0	-0	-2	-3	-3	-3	-3	-4	-2	2	2	1	0	0	4	6	6	6	3	5	3	2	-1	-4
20	-7	-6	-3	-3	-3	-1	0	4	2	4	5	4	2	3	1	1	2	1	3	6	6	2	-2	-1
21	0	-3	-3	-2	-1	2	4	8	10	8	3	-1	-4	6	15	18	18	13	11	11	12	9	3	1
22	-1	-3	-1	5	10	12	11	9	9	8	3	4	4	8	11	15	19	21	21	19	18	15	16	16
23	16	15	14	9	4	2	8	11	13	13	13	8	7	9	12	13	17	18	15	17	17	22	32	37
24	19	10	9	-10	-37	-33	-25	-21	-28	-27	-19	-23	-18	-9	-4	1	-5	-11	-19	-23	-23	-20	-22	-17
25	-13	-10	-9	-5	-0	1	0	4	-1	-3	-14	-17	-21	-18	-18	-20	-20	-20	-22	-23	-20	-19	-15	-22
26	-22	-21	-18	-17	-14	-11	-11	-11	-9	-11	-10	-11	-14	-14	-16	-14	-10	-8	-5	-1	-0	-1	-3	-8
27	-11	-13	-17	-20	-19	-14	-4	-9	-16	-11	-13	-19	-19	-12	-10	-4	-2	-3	-3	-3	-6	-6	-7	-3
28	-1	-4	-3	-6	-9	-5	-3	-1	-1	-6	-9	-13	-8	-9	-6	-4	-4	1	4	1	6	6	0	-2
29	2	0	-8	-13	-13	-8	-5	-3	1	1	-1	-6	-7	-5	-5	-2	-1	2	4	4	3	-2	-5	-7
30	-7	-7	-7	-7	-6	-2	2	3	1	-1	-2	-2	-3	-3	-1	4	6	6	4	3	3	2	4	7
31	4	0	-4	-7	-4	1	5	7	7	7	6	1	2	5	9	10	10	8	10	10	11	13	17	16

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	14	11	10	11	8	8	12	12	12	14	17	19	24	24	25	25	25	24	23	20	16	12	8	9
2	11	9	10	8	8	7	6	9	11	11	13	14	15	12	15	19	21	19	17	15	15	13	14	14
3	11	11	10	10	10	10	11	10	9	9	8	6	6	7	12	13	15	13	13	13	17	16	16	15
4	13	13	15	16	14	10	6	1	2	2	5	3	-2	-3	-3	-2	5	6	6	6	8	8	9	11
5	11	10	6	7	8	7	8	8	8	8	9	10	9	9	8	8	5	6	6	7	7	8	9	14
6	16	14	12	12	12	14	14	14	12	11	8	6	6	8	5	5	7	6	4	4	7	9	10	9
7	9	9	7	6	7	7	7	7	5	7	10	13	14	14	15	13	14	10	10	23	26	23	21	31
8	29	15	14	11	12	13	9	1	-11	-18	-9	2	4	3	6	5	6	6	5	4	5	9	11	15
9	14	11	10	6	8	3	1	-3	-5	-2	1	4	3	0	1	6	11	10	13	19	22	25	35	38
10	46	44	32	7	-28	-91	-104	-93	-80	-75	-59	-44	-40	-42	-49	-55	-50	-46	-39	-36	-29	-35	-41	-31
11	-31	-30	-42	-39	-28	-30	-35	-40	-41	-39	-35	-30	-30	-28	-25	-26	-25	-21	-16	-12	-14	-24	-20	-14
12	-17	-19	-19	-24	-26	-25	-24	-19	-17	-15	-13	-18	-17	-13	-12	-13	-11	-12	-13	-12	-14	-16	-26	-25
13	-19	-14	-11	-10	-10	-17	-13	-14	-16	-16	-10	-11	-16	-14	-12	-9	-8	-9	-6	-6	-8	-15	-11	-3
14	-3	-5	-4	-6	-9	-13	-16	-16	-14	-15	-14	-12	-15	-12	-10	-8	-2	0	2	3	6	5	1	-7
15	-12	-16	-12	-8	-5	-2	-3	-5	-7	-8	-5	-2	0	-1	1	8	11	12	14	12	9	-1	-1	-1
16	-2	-1	-2	-5	-5	-5	-7	-7	-6	-4	-2	-5	-6	-7	-7	-7	-4	-1	-1	-3	-4	-5	-4	-2
17	-2	-5	-4	-0	-2	-2	-2	-4	-5	-5	-3	-3	-4	-5	2	7	8	12	9	8	6	2	2	-3
18	2	2	2	0	1	5	7	9	9	11	12	5	-7	-7	-2	1	5	9	10	3	-3	-16	-20	-12
19	-5	-1	5	7	5	3	4	4	3	3	3	2	2	-0	1	1	2	3	5	3	-3	-11	-16	-18
20	-16	-21	-28	-26	-31	-25	-14	-11	-5	-1	0	1	-7	-22	-21	-17	-7	-5	-8	-13	-14	-14	-6	5
21	6	-10	-10	-4	-2	-3	-4	-9	-8	-9	-5	-5	-6	-8	-9	-10	-10	-5	-5	-8	-7	-4	-3	-0
22	4	7	5	2	2	6	6	5	2	3	7	7	4	2	1	3	-1	-3	-2	-2	-4	-10	-12	-10
23	-6	-1	-1	-5	-4	-8	-10	-10	-9	-7	-1	-2	-3	-4	-3	-5	-4	-1	-1	-0	-3	-10	-14	-8
24	-8	-5	1	2	-1	-2	-2	-3	-1	1	3	3	5	9	9	11	10	8	6	5	2	1	1	2
25	5	7	8	4	-11	-14	-20	-28	-25	-26	-17	-15	-13	-13	-12	-10	-4	-0	0	-4	-6	-10	-8	-6
26	-1	-1	-2	-2	-5	-2	2	-2	-3	-6	-8	-7	-9	-7	-5	-6	-6	-5	-3	-5	-7	-11	-15	-17
27	-11	-5	-0	-1	-2	-1	-2	-3	-4	1	2	5	11	14	19	15	16	12	9	6	4	4	-0	3
28	5	7	8	7	9	8	2	3	4	5	13	28	21	13	14	11	5	4	-1	-3	-4	-9	-11	-12
29	-10	-9	-7	-10	-7	-4	-2	-2	-3	0	3	2	2	3	2	2	1	5	8	7	4	-2	-7	-7
30	-6	-4	1	2	-1	-1	0	2	3	4	4	6	8	7	7	6	4	5	4	4	5	4	5	5

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	5	5	6	4	5	7	8	11	13	13	12	12	12	13	13	10	10	14	16	18	19	17	13	8
2	12	14	14	12	11	10	11	12	13	14	14	14	15	15	16	17	19	28	30	29	29	26	21	24
3	28	29	25	17	14	8	6	-0	5	6	9	11	10	8	5	4	2	3	6	3	0	-11	-15	-21
4	-12	-17	-11	-13	-18	-16	-13	-13	-9	-8	-8	-4	-3	-6	-7	-10	-12	-13	-12	-11	-8	-9	-7	-6
5	-6	-6	-7	-7	-8	-4	-3	1	-0	1	2	-0	3	3	2	2	3	2	5	9	5	-4	-4	0
6	2	2	2	-1	-6	-8	-9	-5	-3	2	1	-0	2	5	8	13	14	11	10	8	2	-2	-3	1
7	8	7	4	-3	-7	-10	-5	-3	1	-3	-5	-2	4	10	13	5	8	10	15	10	12	1	4	-1
8	-1	6	2	-13	-20	-14	-14	-8	-8	-4	-6	-2	-7	-3	1	-2	-3	-3	-4	-9	-5	-6	-2	2
9	-6	-9	-7	-16	-14	-14	-5	-4	-7	-8	-2	2	4	6	8	4	2	-1	-1	-4	-7	-5	-6	-9
10	-16	-17	-9	-15	-15	-14	-11	-16	-13	-6	-10	-9	-5	-2	-7	-7	-8	-9	-10	-12	-14	-16	-16	-14
11	-12	-14	-12	-9	-9	-6	-5	-4	-5	-6	-6	-3	-3	-2	-0	-2	-3	-1	1	6	8	3	0	-1
12	1	3	3	-0	-1	1	0	2	3	5	2	1	4	5	2	-3	-8	-6	-1	0	0	-3	-5	-3
13	1	-0	-2	-0	1	-2	-3	-1	-3	-6	-8	-13	-10	-6	-5	-8	-12	-11	-8	-8	-3	-2	-3	-3
14	-3	-1	-1	1	-0	-2	4	5	5	5	5	5	5	4	3	2	1	-1	-0	0	1	2	3	-1
15	-2	-2	-4	-5	-4	-4	-3	-1	-1	-0	1	1	1	1	1	4	5	8	10	13	19	21	17	17
16	15	13	11	12	13	12	8	11	12	10	10	10	14	16	20	28	30	17	15	13	14	13	10	8
17	8	4	-6	-3	-2	2	10	14	16	15	15	12	16	18	22	18	8	-2	2	-4	-4	-8	-8	-5
18	-13	-21	-34	-39	-40	-37	-22	-16	-11	-7	-8	-12	-13	-14	-14	-15	-14	-15	-16	-19	-23	-23	-24	-22
19	-12	-4	-2	-6	-7	-16	-15	-2	6	4	2	-2	-1	1	2	-0	-2	-4	-3	-6	-9	-21	-20	-19
20	-25	-27	-27	-26	-24	-22	-21	-18	-13	-7	-8	-8	-4	-4	-5	-7	-8	-10	-13	-18	-13	-13	-14	-17
21	-17	-14	-13	-16	-18	-16	-11	-6	-5	-4	-3	1	5	4	4	4	5	3	-3	-10	-11	-7	-7	0
22	2	-1	-3	-8	-13	-15	-12	-5	-1	-1	-3	1	3	3	0	-3	-4	-7	-2	2	-2	-6	-12	-15
23	-19	-11	-4	-3	-6	-8	-7	-7	-8	-6	-5	-4	0	7	8	3	-2	-7	-10	-13	-10	-10	-7	-7
24	-6	-6	-6	-7	-7	-4	-1	1	1	2	-0	3	3	4	4	5	4	1	2	2	1	0	3	3
25	2	0	-2	-3	-0	1	7	9	13	13	11	11	11	10	10	16	20	18	16	11	7	4	2	4
26	9	9	6	1	1	5	8	9	11	11	13	14	13	10	9	12	12	10	8	5	2	-0	-2	1
27	5	9	11	9	-10	15	14	12	11	10	9	8	7	7	9	9	10	13	11	9	8	12	13	14
28	16	14	12	13	15	12	13	13	12	13	12	12	13	14	14	16	16	16	14	17	10	5	4	9
29	11	13	15	18	21	21	21	15	12	17	13	4	4	0	8	8	4	-0	-1	-8	-5	3	2	4
30	2	-1	-0	0	-4	-2	-2	6	8	6	11	6	6	7	7	6	7	5	-3	-3	-3	-8	-8	-5
31	-3	-7	-8	-5	-4	1	4	7	6	5	5	2	3	4	6	10	9	7	9	12	12	10	2	-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	-4	-8	-8	-8	-9	-5	-1	3	5	5	4	6	8	6	7	10	14	12	8	5	5	4	4	5
2	5	3	-0	-8	-4	-1	0	2	5	5	5	5	2	4	5	3	1	1	1	1	-3	1	7	5
3	2	5	7	5	1	5	8	7	9	11	9	10	14	19	15	9	5	4	8	12	11	12	15	30
4	29	33	55	24	-18	-44	-52	-37	-35	-40	-36	-41	-37	-29	-18	-13	-14	-15	-16	-18	-20	-23	-22	-18
5	-15	-15	-13	-11	-9	-9	-8	-6	-4	-5	-4	-5	-2	2	2	3	2	-2	-6	-9	-18	-21	-20	-15
6	-16	-20	-19	-17	-23	-18	-14	-13	-14	-15	-12	-15	-16	-17	-15	-11	-9	-11	-12	-12	-12	-14	-14	-8
7	-1	1	-6	-14	-24	-31	-30	-25	-21	-20	-16	-14	-10	-17	-17	-14	-10	-9	-6	-9	-12	-15	-16	-13
8	-9	-8	-8	-8	-10	-10	-8	-5	-4	-5	-5	-7	-8	-8	-7	-6	-4	-2	-5	-7	-7	-7	-6	-1
9	-0	-4	-6	-10	-16	-12	-4	-2	0	1	1	0	-5	-3	-3	1	5	8	9	3	1	-4	-5	-4
10	-2	-3	-0	4	3	1	1	4	5	4	3	1	-1	-3	-2	-1	-1	-0	2	7	8	6	6	6
11	5	22	17	12	3	-1	-6	-8	-5	-4	5	9	12	12	11	5	3	-4	-8	-10	-13	-15	-12	-7
12	-8	-6	-4	-0	1	2	6	6	-1	-2	-3	-2	5	12	8	2	-0	-3	-7	-10	-9	-8	-2	1
13	-1	-5	-7	-7	-9	-10	-5	-4	-3	-4	-1	-1	1	0	2	2	1	-1	-5	-3	-5	-2	1	3
14	6	6	5	1	1	-0	1	1	-0	-3	-2	-2	-0	-2	-3	-2	-2	-3	-4	-6	-8	-7	-3	-1
15	-3	-3	-8	-9	-4	1	3	5	3	3	4	4	1	-1	-1	0	1	0	-1	-0	-1	-4	-5	-2
16	-3	0	9	17	15	17	14	10	12	12	13	10	10	10	11	9	5	8	9	9	7	4	2	5
17	3	-1	-10	-9	-3	1	3	4	4	2	3	5	6	7	9	10	4	1	-3	0	4	8	11	14
18	11	8	8	8	7	6	3	5	8	-0	-4	-3	1	4	4	5	-1	-0	0	1	3	4	8	13
19	12	10	8	7	10	11	10	4	1	1	2	3	3	-0	-5	-7	-8	-8	-7	-7	-8	-5	-5	-8
20	-8	-7	-2	4	8	7	7	6	4	1	2	4	7	12	12	9	9	7	9	6	1	1	5	5
21	5	4	7	9	13	11	10	10	9	11	12	10	10	10	12	16	13	10	6	4	6	9	11	17
22	14	6	0	0	1	3	6	-1	-2	-3	4	13	10	16	14	11	10	7	2	-2	-4	-7	-3	-3
23	-4	-0	5	8	9	9	10	10	9	8	7	4	2	1	-1	-1	-0	-0	-0	2	2	4	7	8
24	10	14	14	15	15	11	12	10	10	10	12	14	15	13	13	13	14	14	16	15	18	22	24	26
25	26	24	20	14	16	17	16	13	10	11	14	15	15	14	12	5	5	1	0	4	8	7	13	10
26	-8	-12	-7	-0	-1	-4	1	2	-1	-1	1	4	5	7	7	7	13	15	9	5	5	5	-1	-0
27	-4	-0	3	-7	-11	-6	3	6	0	-4	-4	2	7	7	5	5	9	5	1	-4	-3	-4	-2	-1
28	-0	-1	-0	1	3	4	4	2	1	1	1	2	8	11	10	7	8	7	6	6	4	1	-1	-1
29	-3	-0	3	7	12	15	16	16	12	8	10	13	15	14	13	6	4	2	-1	1	6	4	1	1
30	-1	-1	-1	0	5	7	10	10	10	7	6	7	8	12	12	13	14	16	22	22	25	27	28	27
31	21	15	10	10	7	6	-2	-4	-7	-5	-1	3	13	9	11	13	20	23	20	19	15	12	10	-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	-8	-7	-10	-9	-12	-18	-20	-18	-10	-7	-5	-5	-5	-6	3	-1	-6	-5	-3	-5	-7	-12	-18	-22
2	-22	-20	-14	-7	-4	-4	-1	-1	-3	-3	-1	-1	-1	2	2	3	4	2	3	-1	1	3	2	1
3	-4	-3	-4	-2	-6	-8	-5	-1	1	2	3	3	3	4	-1	1	-1	-1	-7	-11	-13	-1	5	7
4	7	3	-6	-2	2	4	2	-1	-1	-1	-2	2	1	-2	-2	-3	-3	-3	-6	-13	-15	-17	-15	-15
5	-16	-11	-9	-4	-3	0	1	-1	-1	-3	0	3	2	2	4	5	4	3	-2	-3	-1	-1	-4	-7
6	-8	-4	-4	-3	-2	1	3	2	0	2	2	2	5	8	9	11	12	11	6	3	17	-1	0	3
7	-6	-11	-5	0	2	11	-1	-2	-5	-5	-6	2	-3	-3	-1	2	5	3	-2	-9	-8	-8	-25	-18
8	-9	-8	-17	-15	-13	-4	-7	-4	-6	-11	-5	-7	-11	-12	-9	-8	-7	-9	-11	-5	-7	-4	-6	-7
9	-4	-2	-0	-4	-6	-4	-1	-4	-7	-9	-12	-16	-19	-21	-18	-16	-12	-10	-10	-8	-8	-11	-14	-18
10	-29	-32	-26	-18	-10	-6	-5	-5	-6	-5	-4	-4	-3	-3	-3	-3	-4	-2	-1	-1	6	4	-1	-7
11	-10	-14	-13	-11	-5	-1	2	3	3	2	2	4	6	4	3	1	2	5	7	7	9	9	3	-4
12	-9	-12	-9	-5	-2	1	2	4	5	6	7	8	13	16	16	13	13	13	11	10	13	15	10	6
13	2	2	4	5	5	6	6	4	4	3	3	3	5	5	6	6	5	3	0	-2	-2	-1	-0	0
14	0	2	0	-1	2	5	6	7	7	6	6	6	6	8	7	6	4	3	2	4	5	8	7	6
15	5	2	3	6	6	7	14	14	16	15	18	16	16	14	11	8	9	10	12	11	14	15	17	21
16	27	24	20	20	15	8	13	11	11	11	11	15	10	-4	-13	-15	-10	-6	-2	-9	-14	-10	-8	-7
17	-10	-11	-9	-9	-5	1	1	-3	-3	-1	-1	2	5	9	4	2	0	-1	-4	-8	-9	-8	-8	-9
18	-10	-9	-6	-5	-4	0	4	4	5	7	7	7	10	11	11	10	11	10	9	6	4	2	3	1
19	-0	-0	1	2	4	5	6	5	4	4	3	3	4	7	15	16	16	16	17	16	15	15	12	12
20	14	15	15	15	12	11	12	12	12	12	11	11	11	10	8	7	10	12	14	16	15	12	10	10
21	10	14	16	18	16	13	11	10	12	17	19	22	29	31	29	25	25	26	28	25	31	35	32	36
22	45	23	-15	-51	-40	-24	-24	-34	-38	-33	-31	-30	-28	-28	-27	-27	-25	-19	-18	-17	-15	-14	-14	-12
23	-15	-19	-18	-14	-15	-11	-13	-13	-15	-18	-15	-15	-10	-10	-9	-9	-9	-9	-10	-10	-10	-9	-11	-13
24	-12	-11	-13	-13	-11	-7	-6	-7	-7	-10	-14	-13	-13	-10	-10	-8	-8	-7	-8	-15	-11	-9	-10	-9
25	-15	-19	-17	-16	-8	-5	-6	-6	-8	-5	-6	-8	-8	-8	-9	-10	-9	-5	-3	-3	-2	-4	-8	-11
26	-16	-15	-9	-6	-3	-2	-2	-3	-3	-2	-5	-7	-6	-8	-10	-9	-6	-1	1	-1	2	3	5	2
27	2	3	4	6	11	11	5	3	4	7	8	10	12	13	13	15	17	20	20	15	12	7	2	-6
28	-3	-7	-7	-15	-10	-4	-5	-9	-19	-17	-27	-25	-17	-13	-23	-29	-29	-21	-16	-24	-30	-31	-31	-27
29	-27	-26	-28	-27	-24	-24	-26	-24	-21	-19	-15	-17	-18	-12	-7	-6	-8	-8	-11	-11	-8	-6	-11	-21
30	-21	-16	-15	-19	-32	-42	-46	-41	-36	-33	-26	-24	-22	-18	-19	-22	-23	-21	-18	-18	-21	-20	-24	-25

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	-27	-22	-17	-18	-18	-19	-20	-20	-17	-18	-18	-16	-12	-12	-11	-14	-15	-10	-10	-11	-14	-14	-14	-18
2	-18	-17	-14	-9	-7	-7	-9	-10	-11	-10	-9	-11	-9	-10	-10	-12	-9	-9	-12	-13	-16	-13	-12	-14
3	-13	-11	-6	-6	-6	-6	-6	-7	-11	-9	-10	-11	-3	6	-4	-6	-1	-5	2	2	1	3	5	2
4	-8	-11	-11	-6	-8	-11	-8	-9	-13	-12	-2	-4	-4	-2	1	0	-8	-20	-22	-30	-33	-26	-26	-32
5	-30	-29	-25	-27	-23	-17	-19	-18	-18	-16	-14	-17	-15	-12	-11	-12	-11	-10	-7	-8	-5	-2	-9	-13
6	-11	-12	-11	-10	-9	-8	-11	-11	-10	-10	-8	-9	-11	-8	-7	-4	-0	-2	3	2	-2	-5	-9	-21
7	-26	-31	-30	-25	-22	-18	-21	-22	-18	-15	-17	-18	-19	-17	-16	-17	-15	-13	-11	-11	-15	-21	-16	-13
8	-10	-10	-10	-10	-9	-13	-17	-19	-16	-17	-14	-16	-22	-22	-18	-16	-13	-14	-16	-15	-15	-16	-16	-15
9	-17	-11	-8	-12	-11	-11	-17	-27	-24	-29	-35	-33	-24	-20	-16	-17	-15	-13	-12	-10	-12	-15	-17	-19
10	-15	-10	-8	-9	-10	-11	-12	-12	-13	-14	-15	-17	-16	-15	-14	-13	-8	-9	-10	-10	-12	-11	-10	-9
11	-7	-2	-2	-4	-5	-5	-6	-6	-2	0	1	1	3	8	4	5	5	2	-5	-5	-7	-11	-12	-11
12	-7	-5	-6	-4	-2	1	-2	-3	-1	-3	-9	-21	-33	-46	-41	-36	-36	-35	-37	-36	-35	-29	-20	-11
13	-11	-14	-20	-25	-28	-26	-24	-25	-22	-18	-15	-14	-16	-13	-12	-14	-16	-14	-11	-10	-8	-6	-5	-4
14	-7	-14	-20	-21	-18	-21	-18	-18	-18	-15	-13	-11	-12	-12	-12	-10	-8	-6	-5	-3	-1	0	1	-2
15	-6	-7	-10	-12	-12	-10	-10	-7	-9	-8	-12	-13	-13	-11	-9	-4	-5	-6	-7	-8	-7	-6	-4	-4
16	-5	-7	-9	-9	-8	-7	-7	-5	-4	-2	-3	-2	-3	-4	-4	-3	-3	-3	-3	-4	-5	-2	-0	2
17	2	1	-1	-1	-2	-4	-7	-8	-7	-8	-13	-17	-16	-15	-12	-6	-3	-1	3	2	2	3	6	12
18	13	14	18	15	10	3	2	4	3	3	1	-4	-11	-9	-6	-5	-3	-1	-1	-9	-13	-16	-14	-18
19	-15	-5	1	6	6	-5	-10	-10	-14	-8	-9	-13	-13	-22	-20	-15	-11	-16	-20	-20	-23	-32	-33	-23
20	-18	-19	-19	-19	-13	-12	-14	-16	-16	-14	-11	-12	-14	-10	-12	-11	-6	-4	-6	-8	-17	-14	-7	-4
21	-3	-5	-7	-1	-2	-9	-13	-16	-19	-17	-11	-11	-11	-13	-13	-13	-17	-16	-18	-23	-19	-19	-19	-21
22	-15	-13	-9	-10	-10	-9	-11	-13	-11	-11	-12	-12	-10	-12	-15	-16	-15	-13	-12	-11	-12	-13	-11	-9
23	-9	-8	-5	-5	-7	-7	-5	-6	-7	-7	-7	-6	-3	-3	-1	-0	1	1	0	-1	-4	-4	-3	-3
24	-1	-1	-2	-1	-0	-1	1	1	2	2	1	1	4	6	9	15	17	16	10	15	13	4	3	-7
25	-16	-18	-17	-11	-9	-8	-4	1	1	0	0	-0	-1	0	1	2	4	7	10	8	6	3	2	2
26	13	11	12	17	18	9	-1	-12	-28	-21	-29	-27	-31	-30	-33	-32	-30	-26	-23	-23	-26	-26	-28	-27
27	-25	-24	-24	-23	-20	-17	-14	-13	-14	-20	-23	-25	-24	-20	-16	-15	-10	-10	-12	-13	-12	-11	-8	-11
28	-15	-16	-12	-9	-9	-8	-8	-6	-6	-8	-9	-5	-5	-5	-6	-6	-3	-2	-2	-4	-3	1	3	3
29	-1	-8	-12	-8	-8	-11	-13	-15	-12	-11	-15	-16	-15	-11	-12	-13	-11	-10	-10	-11	-10	-9	-8	-11
30	-15	-16	-16	-17	-16	-12	-8	-4	-4	-4	-5	-5	-8	-10	-11	-10	-10	-12	-12	-12	-11	-10	-7	-5
31	-7	-8	-7	-5	-6	-6	-4	-3	-4	-5	-5	-4	-5	-5	-5	-3	-1	-1	-0	1	5	7	7	6

NOT REPRODUCIBLE

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	1	2	10	12	4	-1	-0	-0	1	2	7	12	14	14	12	14	7	3	2	-1	-7	-27	-29
2	-21	-17	-18	-18	-25	-24	-23	-22	-19	-17	-22	-22	-19	-13	-13	-12	-13	-14	-16	-19	-21	-21	-24	-22
3	-22	-22	-20	-19	-17	-16	-15	-14	-13	-14	-14	-12	-11	-11	-13	-13	-13	-12	-14	-17	-17	-15	-12	-10
4	-8	-5	-5	-10	-15	-10	-8	-6	-4	-3	-2	-2	-4	-7	-10	-9	-8	-5	-8	-10	-11	-11	-10	-13
5	-12	-12	-14	-11	-12	-12	-10	-8	-6	-6	-5	-4	-11	-13	-13	-14	-9	-8	-9	-18	-18	-15	-11	-9
6	-12	-14	-11	-6	-5	-6	-5	-3	-3	-8	-10	-10	-10	-5	-8	-8	-6	-6	-8	-9	-11	-10	-8	-8
7	-7	-8	-7	-6	-4	-1	1	3	3	2	1	1	2	0	-0	1	0	1	5	6	7	7	5	4
8	13	19	12	16	19	15	7	6	7	3	1	1	1	3	1	2	2	3	-1	-6	-6	-3	3	7
9	4	-9	-14	-21	-22	-19	-13	-10	-11	-18	-23	-11	-9	-8	-8	-10	-8	-7	-8	-11	-16	-14	-16	-19
10	-16	-18	-19	-14	-10	-8	-6	-7	-9	-9	-10	-7	-7	-6	-6	-5	-2	-1	-7	-8	-10	-6	-5	-3
11	-2	-2	-1	2	7	3	3	4	1	-0	-3	-3	0	1	0	-1	1	4	2	0	1	7	6	4
12	3	2	1	-4	-10	-10	-6	-4	-3	-4	-5	-3	-4	-4	-2	-3	1	0	-4	-5	-11	-13	-9	-6
13	-6	-8	-7	-6	-6	-8	-7	-7	-9	-12	-12	-12	-7	-8	-11	-8	-8	-6	-9	-12	-11	-7	-6	-7
14	-9	-9	-9	-7	-6	-5	-2	-2	-1	-1	-3	-4	-5	-5	-6	-7	-8	-9	-9	-7	-3	-0	1	1
15	-1	-2	-2	-2	-2	-1	-0	3	4	7	13	13	8	2	7	4	-2	4	12	9	11	10	-3	-16
16	-6	-3	-4	-8	-14	-22	-19	-20	-25	-26	-22	-13	-6	-7	-11	-10	-9	-8	-8	-10	-15	-14	-10	-13
17	-10	-5	-3	0	2	1	-3	-1	1	-1	-3	-2	-1	-3	-6	-9	-6	-6	-10	-12	-9	-9	-7	-6
18	-3	-1	4	3	1	1	-1	-4	-0	-3	2	3	4	4	5	4	2	1	1	-1	0	-2	-4	-7
19	-8	-6	-6	-5	-6	-5	-3	-2	-0	-2	-2	0	1	2	1	2	4	3	2	-1	-3	1	0	-2
20	-1	1	1	-2	-2	-1	-1	-0	-2	-3	0	6	9	8	7	8	9	7	6	5	4	3	2	1
21	5	9	14	14	13	10	10	12	13	12	9	11	12	11	10	10	9	9	6	5	6	9	12	11
22	10	15	14	15	17	18	18	14	14	16	10	1	3	3	4	3	6	7	6	0	1	-1	-5	-5
23	-6	-5	-4	-4	-10	-19	-27	-22	-21	-23	-25	-29	-29	-34	-29	-24	-26	-25	-27	-27	-26	-26	-26	-25
24	-24	-23	-21	-19	-18	-19	-17	-16	-14	-12	-12	-10	-7	-7	-7	-6	-6	-6	-7	-7	-6	-8	-10	-12
25	-12	-9	-5	-2	-1	0	1	2	4	4	4	4	5	5	11	11	9	8	12	15	9	10	11	12
26	12	12	10	8	6	6	4	1	-2	1	-2	-10	-18	-20	-18	-20	-17	-18	-18	-17	-18	-22	-24	-22
27	-21	-20	-17	-17	-18	-19	-18	-14	-11	-8	-6	-3	-0	1	4	5	6	5	2	8	1	-1	2	3
28	1	2	-2	0	-1	-4	-2	-4	-4	-7	-12	-9	-5	-1	-1	-2	-4	-7	-10	-10	-8	-6	-7	-6
29	-2	-2	-3	-2	-1	-2	-0	-1	1	2	4	4	4	1	-1	0	0	-0	-0	2	3	4	4	-2
30	-2	10	15	12	1	-8	-8	-4	-3	-3	-2	0	2	3	3	1	2	2	2	0	0	-2	-4	-5

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	-2	1	1	3	2	-0	-6	-6	-8	-6	-3	-0	0	-2	-1	-5	-7	-7	-8	-10	-13	-10	-10	-8
2	-6	-4	-1	1	2	0	-2	-1	-0	-2	1	3	6	7	7	9	7	4	-1	-4	-5	-3	-0	2
3	8	11	8	8	8	7	7	5	4	4	0	-2	-2	-3	-1	2	3	1	-3	-11	-8	-7	-6	-3
4	-0	3	0	-2	-1	-0	-1	1	2	2	0	2	2	1	3	5	3	0	2	2	-0	2	5	4
5	-1	-1	1	2	2	2	3	1	1	0	1	3	4	3	5	7	8	8	6	4	4	6	8	12
6	16	18	15	13	13	13	13	11	10	11	9	8	5	3	4	6	8	5	4	4	1	2	14	25
7	29	28	27	26	26	23	19	21	23	22	11	5	10	9	9	3	2	-4	-7	-2	-1	-4	-12	-5
8	-4	-5	-7	-11	-12	-8	-5	-5	-4	-2	-2	-2	-4	-6	-5	-5	-6	-10	-11	-12	-8	-5	1	5
9	7	7	6	5	6	8	10	6	2	-1	-2	-1	-2	-1	2	4	6	2	0	2	3	4	3	1
10	6	6	4	2	1	-0	-2	-1	-0	0	2	2	0	-3	-3	-0	1	1	1	1	3	3	3	5
11	8	8	8	8	7	8	8	7	7	9	8	7	5	6	9	10	11	9	10	10	8	7	8	8
12	10	10	9	11	10	8	10	11	11	12	11	10	11	11	13	15	18	19	19	19	19	17	15	14
13	15	16	19	22	24	25	25	22	21	18	17	11	15	25	28	33	20	13	5	9	19	20	15	12
14	5	2	3	3	0	-7	-10	-9	-6	-5	-1	-2	-4	-4	-3	-3	-4	-4	1	-1	-6	-3	-1	1
15	4	2	2	0	-7	-9	-8	-6	-4	-3	-3	-2	-4	-8	-8	-4	-0	1	3	2	4	1	2	4
16	9	11	10	6	-1	-3	0	2	1	2	6	9	2	1	5	3	5	6	2	1	-3	-4	0	2
17	1	-18	-28	-24	-21	-18	-19	-20	-17	-13	-13	-12	-12	-11	-9	-7	-8	-10	-9	-8	-9	-13	-19	-18
18	-17	-13	-9	-11	-14	-16	-17	-14	-11	-8	-8	-7	-7	-9	-7	-3	-1	-1	-3	-5	-5	-6	-10	-7
19	-4	-3	-2	-3	-2	-1	-0	-1	-5	-5	-6	-7	-5	-0	-4	-7	-9	-9	-10	-12	-10	-11	-10	-9
20	-8	-5	-1	0	0	-1	-2	-4	-5	-6	-5	-5	-6	-5	-0	1	-2	-6	-6	-6	-2	-2	-2	-5
21	-0	3	5	4	1	-1	0	0	1	-1	-1	-0	1	4	7	6	4	2	1	0	1	-0	-2	-2
22	-3	-1	1	3	1	0	3	4	3	2	1	1	0	-2	1	2	4	4	3	1	-2	-5	-4	-4
23	2	5	9	8	5	2	3	6	7	5	3	-0	-0	1	-1	-1	0	1	0	-2	-4	-7	-7	-3
24	-2	-2	2	2	-1	-1	-1	1	4	6	5	5	5	5	8	10	13	10	5	1	-0	1	1	-0
25	-2	-1	1	3	4	4	2	4	6	7	8	12	13	8	7	7	11	16	13	5	-0	-6	-7	-11
26	-16	-13	-8	-4	0	3	5	7	6	5	2	0	-3	-6	-2	-1	-2	2	3	4	2	2	3	3
27	3	1	0	0	2	5	6	8	9	10	10	10	12	9	7	5	4	4	4	4	6	6	5	2
28	4	2	3	5	5	7	9	11	12	12	12	12	12	12	13	14	17	16	12	7	7	12	14	16
29	6	1	1	2	5	7	6	3	6	9	8	4	3	5	5	5	4	6	6	5	5	5	4	7
30	5	2	6	5	3	4	5	7	7	7	6	6	8	8	7	5	3	5	5	6	8	9	9	7
31	7	8	6	6	6	6	6	5	6	5	5	4	3	2	4	8	8	10	8	7	7	8	8	8

DAILY MEANS OF EQUATORIAL DST FOR 1964

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	6	-19	-11	-22	-31	16	11	3	-9	-16	2	-4
2	-49	-10	-2	-52	-22	13	18	2	-3	-11	-19	1
3	-39	-4	6	-34	-13	11	7	10	-2	-4	-15	1
4	-30	-6	-46	-30	-4	6	-10	-17	-4	-13	-8	1
5	-24	-4	-43	-24	0	8	-0	-8	-2	-15	-11	4
6	-21	-28	-33	-14	1	9	2	-14	3	-8	-8	10
7	-17	-22	-27	-14	-4	13	3	-15	-4	-19	1	11
8	-9	-19	-25	-11	5	6	-5	-6	-8	-15	5	-6
9	-13	-27	-22	-15	8	10	-4	-2	-10	-18	-13	3
10	-20	-17	-16	-8	3	-39	-11	2	-7	-12	-8	1
11	-16	-11	-13	-12	-45	-28	-4	1	1	-3	1	8
12	-13	-3	-27	-6	-14	-18	0	-1	6	-19	-4	13
13	-10	-25	-12	1	7	-12	-5	-3	3	-15	-8	19
14	-7	-19	-12	-2	-6	-7	2	-1	5	-11	-5	-2
15	-0	-12	-13	-0	-21	-1	4	-1	12	-8	3	-2
16	-14	-9	-2	-7	-10	-4	14	9	4	-4	-13	3
17	-23	-8	-9	-14	-10	1	6	3	-3	-4	-5	-14
18	-17	-6	-5	-5	-4	1	-20	4	4	-1	1	-9
19	-14	-7	3	-13	1	0	-6	1	8	-14	-1	-6
20	-12	1	6	-10	1	-13	-15	5	12	-12	3	-3
21	-6	-34	-11	-12	6	-6	-6	10	22	-13	10	1
22	-7	-18	-10	-3	10	1	-4	4	-21	-12	8	1
23	3	-16	-20	1	14	-5	-6	4	-13	-4	-22	1
24	-9	-6	-21	7	-15	2	0	15	-10	4	-12	3
25	-9	-11	-17	2	-13	-9	8	12	-8	-2	4	4
26	-16	-22	-19	-12	-11	-6	7	2	-4	-16	-8	-0
27	-10	-14	-9	-17	-10	4	10	0	9	-17	-5	6
28	3	-12	-4	-30	-3	5	12	4	-18	-6	-5	10
29	-19	-14	3	-23	-3	-1	8	7	-17	-11	1	5
30	-15		-23	-9	-0	3	2	12	-25	-10	1	6
31	-12		-22		6		4	9		-2		6
MEAN	-14	-14	-15	-13	-6	-1	1	2	-3	-10	-4	2

ANNUAL MEAN

-6

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

FEBRUARY 1965

UNIT=GAMMAS																								G. M. T.	
DAY	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	9	8	7	5	0	-2	-0	-0	1	2	5	7	4	1	3	6	7	6	8	8	7	6	5	
2	5	7	7	7	7	6	6	7	6	10	9	10	10	8	9	12	11	10	13	15	15	16	17	19	
3	20	19	18	18	16	12	13	14	12	10	10	14	12	11	10	8	3	3	6	5	5	4	2	4	
4	6	6	10	11	7	9	4	-6	-6	-8	-8	-3	3	3	-1	-9	-13	-6	-1	-3	-4	-4	-0	0	
5	1	0	1	3	7	8	7	5	4	3	5	6	5	3	2	2	1	2	4	8	5	6	-3	-4	
6	-2	-2	3	8	10	9	8	6	7	6	6	6	6	7	11	-1	1	0	6	12	9	-2	4	3	
7	-1	-8	-15	-29	-41	-52	-49	-59	-62	-62	-58	-51	-52	-47	-41	-39	-39	-40	-39	-36	-37	-40	-37	-33	
8	-33	-31	-25	-17	-12	-14	-16	-21	-21	-14	-8	-1	2	2	2	4	4	13	5	1	-15	-24	-27	-11	
9	-12	-19	-22	-21	-21	-19	-12	-12	-8	-4	-7	-7	-4	-7	1	-4	-12	-9	-10	-17	-19	-20	-22	-19	
10	-15	-16	-16	-9	-8	-10	-14	-13	-13	-17	-19	-12	-9	-11	-11	-8	-9	-10	-12	-14	-17	-21	-20	-17	
11	-11	-10	-9	-12	-16	-17	-15	-9	-7	-6	-5	-5	-1	2	3	2	2	-1	-7	-7	-6	-5	-8	-14	
12	-17	-13	-14	-15	-12	-13	-11	-10	-7	-7	-6	-6	-5	-2	-2	-4	-5	-2	-4	-6	-8	-7	-4	-2	
13	-2	2	-2	-1	0	0	2	1	1	1	2	5	9	11	12	13	13	12	8	6	5	5	8	6	
14	9	9	10	6	-0	-10	-12	-18	-16	-10	-9	-1	3	4	4	5	3	0	-3	-3	0	1	4	-1	
15	-6	-1	1	2	-2	-8	-6	-5	-3	-2	-1	-1	-2	-1	-2	-10	-9	-9	-8	-11	-13	-10	-8	-8	
16	1	1	-4	-8	-9	-9	-7	-6	-6	-5	-4	-3	-3	-4	-2	0	-2	-4	-5	-3	-3	-3	-3	-3	
17	-5	-2	1	4	5	5	6	6	4	2	1	-0	-1	-3	-3	-1	0	0	-0	-2	0	3	5	5	
18	7	9	9	9	6	6	4	5	4	3	5	7	7	6	3	2	-1	-6	-7	-4	-6	-2	1	5	
19	6	8	1	-1	-1	3	7	8	6	4	2	-0	-2	-3	-4	-6	-5	-6	-3	-1	-1	-3	-1	2	
20	2	5	7	5	6	4	0	3	3	3	3	8	12	11	7	11	20	17	12	10	13	9	13	16	
21	9	10	8	-10	-19	-15	-7	-3	-2	-4	-15	-16	-13	-9	-9	-8	-12	-12	-12	-12	-13	-8	-9	-12	
22	-11	-11	-10	-10	-10	-9	-6	-5	-2	-1	-1	0	-0	1	4	4	1	-0	6	12	10	9	9	11	
23	9	7	7	4	3	1	3	9	15	12	7	7	4	3	3	-7	-12	-18	-20	-19	-18	-20	-32	-34	
24	-32	-27	-25	-24	-26	-28	-25	-24	-20	-12	-12	-7	-8	-4	0	2	0	-3	-6	-7	-1	1	-0	-9	
25	-31	-25	-21	-20	-20	-17	-21	-21	-19	-14	-8	-7	-5	-3	-3	-2	-1	-2	-2	-1	-1	-4	-3	1	
26	4	3	3	0	-3	-7	-7	-8	-9	-10	-8	-4	-5	-3	-1	1	4	6	-2	-5	-6	-6	-6	-5	
27	-6	-8	-10	-8	-7	-5	-3	-1	-1	-1	-3	-7	0	0	4	3	-1	-0	1	-1	-4	-7	-3	-10	
28	-7	-6	-8	-6	-3	-3	-1	0	1	4	3	3	2	1	-2	-1	-2	-1	-0	-0	-4	-1	-1	1	

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	-1	-3	-3	-0	2	3	5	6	6	2	2	-3	-1	-4	-6	-11	-16	-18	-14	-8	-4	0	2
2	4	3	2	-2	-4	-3	-9	-8	-4	1	1	2	4	8	10	14	13	7	2	0	8	12	12	12
3	11	10	4	3	0	-4	-11	-18	-22	-17	-11	0	-7	-2	2	3	-4	-11	-14	-24	-20	-29	-31	-34
4	-38	-44	-58	-66	-74	-73	-83	-87	-84	-75	-65	-54	-44	-36	-30	-29	-28	-26	-25	-25	-28	-25	-22	-18
5	-18	-18	-19	-18	-17	-15	-13	-12	-7	-8	-12	-16	-14	-6	-2	-1	-1	-2	1	3	3	4	2	0
6	-2	-5	-6	-7	-8	-8	-6	-4	-3	-3	-3	-5	-8	-6	-2	2	-0	-3	-4	-7	-9	-8	-4	-5
7	-5	-5	-8	-7	-5	-3	-2	-5	-4	-7	-10	-11	-4	-3	-6	-5	-4	-8	-9	-10	-7	-8	-8	-9
8	-10	-12	-11	-10	-8	-5	-4	-1	0	-1	-2	-2	-3	0	6	10	11	9	8	9	7	8	7	6
9	6	9	12	15	18	17	14	13	10	8	7	6	5	8	7	7	5	4	3	2	2	3	1	-0
10	0	2	4	3	3	4	6	6	7	8	7	9	8	7	6	5	5	4	7	10	11	13	13	14
11	16	15	10	6	5	4	2	2	2	4	3	3	3	1	-0	-1	0	-0	3	3	5	6	6	6
12	5	5	6	8	9	10	7	8	9	10	10	9	17	23	24	20	15	8	-1	-5	-5	-0	7	4
13	-4	2	3	5	4	6	9	-1	-2	-5	-7	-9	-10	-10	-2	1	0	4	4	4	7	7	5	4
14	1	-3	-4	-5	-7	-7	-4	-3	-0	6	6	3	3	-1	2	-2	-3	1	2	0	-4	-9	-11	-11
15	-14	-9	-6	-2	-1	-6	-5	-4	-8	-0	0	0	-4	-3	-1	-1	-0	-3	-0	-1	3	10	10	7
16	6	5	1	-3	-4	-5	-5	-4	-1	1	1	0	0	1	4	4	1	1	3	5	7	4	3	9
17	11	9	8	9	7	6	9	11	11	9	10	11	11	10	10	10	6	3	4	3	2	2	0	-2
18	-4	-4	-1	2	3	3	3	2	3	3	3	4	5	5	5	6	7	9	12	12	10	8	4	3
19	2	5	12	17	20	19	14	9	5	3	4	5	5	7	8	12	15	18	20	20	17	13	9	7
20	5	4	4	10	11	8	7	8	7	8	8	14	16	15	19	20	19	22	29	27	21	17	11	5
21	2	7	8	11	11	10	10	8	8	7	4	-0	-7	-2	-4	-4	-4	-3	-2	-1	-2	-5	-4	-2
22	4	6	6	7	9	9	11	10	11	12	12	11	11	11	14	20	17	18	20	17	8	-13	-14	-3
23	1	3	1	-3	-5	-18	-27	-33	-24	-17	-21	-19	-9	-6	-6	-12	-14	-15	-12	-13	-26	-26	-18	-14
24	-12	-12	-13	-12	-9	-9	-11	-8	-7	-5	-8	-7	-2	-4	-3	-3	-8	-11	-11	-10	-8	-12	-11	-7
25	-7	-8	-5	-3	-2	-6	-11	-14	-14	-18	-18	-16	-13	-14	-9	-6	-3	-0	-2	-6	-10	-7	-4	-6
26	-15	-19	-16	-14	-13	-16	-17	-20	-12	-8	-10	-9	-8	-8	-7	-4	-4	-3	-4	-5	-7	-9	-8	-4
27	-2	-4	-3	-2	-4	-10	-6	-10	-6	-3	-6	-7	-2	-1	0	3	1	-1	-2	-4	-3	-0	0	-3
28	-5	-2	-1	2	-1	-6	-6	-4	0	-1	-3	-5	-5	-4	-4	-3	-3	-4	-2	-0	-2	-4	-5	-4
29	-5	-7	-5	0	2	1	2	2	4	7	10	9	7	3	-1	-3	-8	-6	-6	-8	-8	-8	-5	-4
30	-2	-2	-2	-3	-3	-1	1	3	5	6	7	6	7	6	6	10	8	7	7	1	3	2	1	3
31	5	8	10	4	-2	-2	0	-0	-3	-1	-2	-0	1	3	4	6	7	9	6	4	4	1	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	-3	-4	-2	-2	-1	1	0	2	4	6	7	8	8	10	12	8	7	8	6	3	1	-0	-0	3
2	7	8	9	8	5	4	2	3	5	4	5	5	6	5	7	7	4	2	0	0	2	2	3	5
3	6	6	10	12	10	9	10	12	12	11	11	10	9	8	10	9	10	11	11	12	14	11	9	12
4	13	12	14	13	11	13	10	6	7	8	11	12	12	11	7	4	5	9	12	9	4	2	3	5
5	9	8	5	0	-4	-2	-1	1	1	1	-1	-1	-0	2	3	1	-3	-3	-0	4	2	-2	-1	2
6	3	3	2	2	7	12	17	15	16	17	17	20	24	16	13	15	7	2	6	16	21	17	18	12
7	6	3	-5	-12	-11	-11	-10	-9	-7	-6	-5	-3	0	-6	-10	-10	-15	-13	-12	-13	-12	-9	-6	-7
8	-6	-2	2	6	6	6	6	5	4	2	3	5	5	6	7	5	7	12	13	14	17	19	16	16
9	14	-1	-14	-19	-19	-10	-13	-14	-13	-7	-2	-0	2	7	11	10	8	5	1	-0	2	4	4	-7
10	-6	-5	-2	2	5	-2	-6	-9	-8	-2	1	3	3	5	8	9	9	11	11	9	8	5	5	3
11	3	-0	2	4	5	8	13	15	14	15	16	18	23	29	32	34	20	9	-5	-17	-22	-21	-19	-17
12	-16	-12	-7	-7	-9	-9	-6	-3	-2	-1	1	2	4	7	7	6	8	9	4	-1	-2	-4	-2	-3
13	-5	-6	-3	-0	-1	-1	1	0	2	6	7	9	11	7	5	6	7	4	2	-1	-4	-2	1	2
14	1	3	5	6	11	16	14	10	9	11	14	13	9	9	9	12	13	12	13	10	7	4	2	2
15	1	2	2	1	3	8	8	9	5	4	3	3	3	4	4	1	1	1	-2	-6	-8	-7	-4	-0
16	5	8	11	12	14	16	17	14	10	7	7	7	7	12	12	9	7	7	4	3	2	5	8	11
17	13	12	15	14	12	11	13	16	16	18	17	16	16	32	41	43	45	27	5	19	24	23	23	30
18	31	26	12	-23	-80	-122	-122	-144	-185	-185	-174	-131	-114	-106	-92	-84	-84	-77	-75	-78	-84	-85	-82	-79
19	-73	-69	-67	-63	-61	-57	-55	-53	-56	-57	-48	-50	-48	-45	-47	-51	-50	-45	-45	-50	-58	-60	-61	-57
20	-49	-47	-45	-39	-36	-35	-34	-35	-37	-42	-39	-36	-38	-38	-38	-39	-38	-38	-42	-44	-45	-45	-41	-37
21	-35	-36	-34	-33	-34	-33	-30	-28	-26	-26	-27	-25	-24	-24	-24	-26	-24	-25	-28	-29	-27	-27	-28	-27
22	-26	-21	-19	-19	-20	-18	-16	-18	-20	-20	-23	-21	-19	-18	-18	-20	-21	-20	-16	-15	-15	-14	-18	-13
23	-8	-6	-3	-5	-9	-9	-13	-16	-13	-6	-9	-11	-13	-14	-14	-13	-9	-7	-6	-9	-13	-12	-9	-8
24	-7	-1	1	3	-0	-3	-4	-4	-6	-7	-9	-8	-9	-7	-7	-8	-7	-6	-7	-8	-12	-13	-10	-9
25	-7	-7	-6	-2	1	3	0	0	1	2	2	0	-0	1	1	1	0	3	2	0	0	3	3	-2
26	-3	-2	-2	0	3	5	6	3	-1	-1	-1	-1	0	2	4	5	4	6	3	0	1	0	0	0
27	-0	2	2	2	-1	-3	-3	-3	-0	-2	-4	-3	-4	-7	-8	-8	-6	-8	-12	-18	-19	-16	-14	-12
28	-12	-7	1	5	8	8	5	2	2	2	1	-1	-2	0	-1	-1	-1	-3	-2	-1	-3	-3	-1	-2
29	-1	2	4	6	7	6	7	7	7	7	6	5	3	2	1	2	10	13	11	9	10	12	14	18
30	19	17	17	15	11	3	1	-1	-3	-1	-0	-0	-1	-2	-0	-4	-5	-1	3	3	-2	-3	-4	-0

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	4	6	8	10	8	8	7	6	4	0	3	3	3	5	8	8	8	8	9	6	5	6	6	4
2	6	7	10	13	12	11	10	11	11	11	11	11	10	9	8	7	6	5	5	6	4	4	4	5
3	4	6	6	6	8	7	5	3	1	3	4	4	0	-2	-1	7	9	9	11	9	8	9	7	8
4	8	7	9	11	13	14	15	14	13	13	12	10	11	14	14	13	13	14	18	24	24	21	20	28
5	19	1	-19	-21	-24	-32	-52	-46	-36	-37	-28	-18	-13	-11	-13	-11	-12	-13	-10	-7	-11	-16	-18	-18
6	-20	-20	-17	-13	-11	-10	-10	-8	-4	-3	-3	-0	0	2	-0	-4	-5	-3	2	1	-3	-3	-3	-9
7	-6	-2	-5	-3	-1	-1	1	-0	-1	-2	1	-1	-3	-2	-1	-1	-3	-4	-3	-2	-3	-5	-6	-6
8	-5	-1	2	1	-0	-2	-2	3	5	1	-1	-4	0	4	5	5	7	8	9	10	6	-8	-30	-37
9	-32	-33	-35	-27	-24	-23	-22	-17	-14	-13	-14	-14	-14	-10	-10	-11	-10	-11	-9	-8	-10	-17	-18	-18
10	-20	-20	-20	-22	-24	-24	-18	-17	-10	-10	-8	-9	-10	-11	-11	-11	-9	-9	-5	-6	-7	-10	-9	-9
11	-8	-8	-8	-7	-6	-5	-4	-2	-1	0	2	3	4	1	-3	-4	-3	-4	-3	-2	-4	-5	-3	-2
12	-0	2	-2	-3	-5	-3	-6	-5	-3	-2	-2	-0	-1	-2	-1	1	4	4	3	3	0	-1	-2	-0
13	0	1	2	2	3	5	4	4	5	5	3	1	4	4	9	10	9	6	4	3	2	4	4	2
14	2	4	6	6	8	8	6	9	8	9	10	12	12	11	12	12	14	15	19	21	17	16	16	16
15	14	17	20	22	21	21	21	19	19	18	20	20	18	16	16	15	17	21	22	24	21	15	15	18
16	26	36	35	40	34	29	12	-6	-13	-1	-3	-1	3	-5	-8	-8	-5	-7	-6	-7	-6	-9	-9	-7
17	-4	-6	-9	-8	-8	-10	-8	-5	-6	-3	-1	1	2	0	-2	-3	-0	3	7	6	6	4	4	4
18	4	6	6	6	9	8	8	7	4	3	2	1	5	10	12	13	13	12	11	9	11	10	10	8
19	6	3	2	3	4	7	8	8	6	6	4	2	1	3	3	4	6	7	9	11	14	16	15	15
20	14	11	12	14	13	14	14	15	15	13	12	12	16	18	17	18	17	19	18	20	27	26	26	30
21	26	21	19	21	21	20	22	19	15	14	11	12	12	10	5	5	5	10	10	9	7	5	7	6
22	4	2	-1	-4	-3	-3	-5	-6	-6	-6	-5	-4	-3	1	5	9	11	19	19	18	15	15	12	12
23	11	8	7	6	10	7	4	1	2	-0	-1	-3	-3	-5	-8	-9	-7	-3	5	12	14	10	9	7
24	7	13	13	11	16	12	7	2	2	3	4	6	9	9	9	7	12	11	9	7	3	-1	-0	7
25	14	16	17	19	19	18	17	16	12	11	12	13	12	11	8	8	7	8	13	14	13	8	10	14
26	21	23	24	23	21	22	19	17	16	16	18	19	19	18	15	13	11	13	17	23	27	25	25	27
27	30	26	15	12	14	15	15	13	12	12	11	8	5	3	1	2	5	9	13	17	16	14	15	18
28	26	29	29	27	22	20	14	13	12	10	9	7	6	9	9	8	7	11	13	10	13	15	17	18
29	20	22	23	23	22	19	15	14	14	14	14	11	10	9	9	8	7	11	16	21	20	19	18	15
30	16	18	20	18	20	21	19	21	20	20	18	17	18	18	21	20	17	18	25	27	29	29	26	25
31	24	18	17	19	21	21	20	16	18	17	14	13	18	21	24	23	23	26	24	26	24	21	19	19

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	19	23	25	23	24	24	24	21	18	20	19	18	18	17	17	15	19	25	31	33	28	19	19	19
2	20	22	24	23	22	24	20	18	16	16	14	13	13	14	15	11	11	17	14	12	11	10	12	12
3	12	13	14	13	11	11	9	7	4	4	5	8	12	19	22	21	19	18	23	22	19	8	-3	-0
4	5	10	15	22	26	26	19	12	8	1	0	-1	2	2	2	1	2	2	7	3	0	-6	-5	-2
5	-4	-7	-13	-16	-7	0	-5	-4	-3	-1	-1	-3	-2	1	2	-1	-2	-2	1	2	5	8	11	11
6	10	10	11	11	9	6	4	3	0	0	-2	-2	-0	3	3	2	0	-2	-2	-2	1	2	2	7
7	3	0	-2	0	1	-0	-0	-0	-1	1	1	-1	-3	-2	-2	-4	-6	-5	-3	0	0	0	2	5
8	6	6	6	9	8	6	9	8	3	4	8	10	15	19	17	17	17	18	15	13	13	2	-7	-14
9	-13	-8	-10	-10	-1	-0	-14	-22	-27	-29	-29	-31	-23	-20	-16	-13	-8	-0	-2	-7	-14	-12	-11	-8
10	-0	3	1	-2	-0	3	4	5	4	5	5	4	1	3	2	2	1	3	2	2	-1	-4	-3	2
11	4	6	8	8	3	1	2	4	7	8	10	11	13	18	21	18	21	18	21	26	24	17	11	12
12	15	18	16	17	15	14	12	10	9	11	11	12	13	11	10	11	10	11	12	13	13	12	15	21
13	19	14	13	17	15	13	14	15	15	16	22	22	23	23	23	20	20	19	16	18	20	25	29	30
14	27	26	26	24	22	17	18	19	21	17	16	17	16	20	23	23	24	29	27	20	14	5	3	9
15	15	13	9	9	15	15	17	15	10	9	12	24	21	25	11	1	-2	-2	-2	-7	-8	-8	-1	5
16	-2	7	19	10	-2	-23	-27	-32	-28	-29	-37	-40	-41	-41	-29	-48	-49	-34	-41	-54	-62	-73	-73	-77
17	-75	-82	-76	-64	-63	-53	-54	-53	-54	-57	-55	-51	-46	-39	-33	-31	-31	-32	-36	-34	-28	-25	-30	-43
18	-47	-30	-29	-31	-29	-28	-30	-29	-29	-22	-17	-24	-24	-21	-21	-22	-22	-18	-10	-10	-3	-7	-14	-22
19	-22	-21	-16	-12	-10	-9	-9	-8	-9	-12	-10	-7	-4	-3	-4	-7	-10	-11	-8	-6	-3	-4	-2	-5
20	-8	-10	-11	-8	-7	-7	-6	-5	-5	-5	-4	-5	-2	-1	-1	-3	-3	-9	-9	-9	-7	-9	-12	-13
21	-11	-7	-4	-5	-5	-2	-1	-2	-2	-2	-2	0	1	2	2	2	3	3	3	4	6	6	5	2
22	0	0	1	0	1	4	6	4	1	-3	-7	-7	-7	-7	-7	-5	-6	-4	-2	-2	1	2	4	7
23	5	3	3	6	10	10	6	4	3	1	1	1	2	2	-1	0	5	7	8	5	3	1	3	4
24	6	7	11	11	10	10	7	7	7	8	7	4	4	4	3	5	14	17	19	17	12	15	17	15
25	12	9	10	12	13	14	17	16	15	18	23	18	16	19	21	13	5	4	-1	-4	-1	4	8	12
26	7	1	2	-0	-3	0	1	-4	-4	-1	-0	-3	-1	0	1	1	0	1	0	1	4	7	4	1
27	-4	-2	-0	2	3	0	-7	-10	-13	-8	-4	-5	0	3	6	3	3	2	2	0	-2	-3	3	7
28	5	3	2	1	3	5	2	0	0	2	4	5	6	8	8	10	9	8	5	2	-1	-2	-3	5
29	15	21	26	29	18	22	5	-3	5	6	2	5	9	9	11	11	10	12	8	9	11	6	-3	-3
30	-1	1	3	4	1	-8	-7	-7	-5	-11	-3	-1	-5	-6	-1	-3	-1	4	5	0	-7	-13	-10	-15

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	-21	-14	-7	-2	3	5	-3	-12	-12	-13	-9	-6	-3	-4	-7	-7	-5	-3	-4	-5	-8	-8	-8	-6
2	-1	-2	-5	-4	-5	-9	-9	-6	-3	-2	-1	-5	-11	-10	-6	-4	-0	0	-3	-3	-1	-3	-6	-9
3	-8	-9	-9	-7	-6	-6	-3	1	0	0	1	2	3	7	10	10	10	11	10	4	-1	-1	-1	-3
4	-5	-8	-6	1	3	4	1	0	3	2	3	2	5	6	7	8	9	9	9	6	10	10	9	8
5	7	8	8	11	12	13	11	10	10	11	12	11	10	9	8	6	3	5	10	15	18	20	22	22
6	15	11	4	-2	-2	5	3	11	3	-10	-20	-28	-12	-9	-13	-17	-21	-20	-23	-25	-23	-20	-17	-16
7	-15	-24	-28	-24	-13	-12	-15	16	-15	-14	-11	-10	-6	-2	-1	-2	-6	-7	-8	-10	-7	-2	4	5
8	3	-0	-10	-10	-10	-6	2	7	10	8	9	7	8	17	13	14	17	12	5	2	3	3	6	-5
9	-20	-21	-21	-23	-13	-9	-7	-10	-9	-6	-7	-5	-4	-4	-6	-9	-7	-8	-4	0	7	15	22	24
10	16	9	1	-22	-37	-24	-18	-17	-14	-11	-10	-14	-12	-12	-16	-19	-17	-14	-13	-13	-11	-8	-5	-5
11	-8	-10	-10	-9	-10	-11	-13	-11	-10	-8	-6	-4	-4	-5	-7	-8	-4	-3	-3	-3	-4	-11	-12	-10
12	-4	-1	0	0	1	1	2	3	3	3	4	2	-2	-2	-3	-4	11	17	22	24	18	16	20	15
13	16	20	19	18	17	14	11	8	5	4	12	10	9	8	8	5	2	0	2	4	10	16	15	11
14	5	5	1	-5	-3	3	3	2	2	4	8	9	6	5	6	4	3	7	8	10	12	12	10	7
15	5	7	5	5	6	9	4	-0	-3	-3	-0	-5	-9	-14	-11	-7	-5	-4	-3	-4	-4	-6	-10	-18
16	-20	-15	-12	-10	-10	-9	-5	-2	-0	-1	-1	-2	-5	-6	-5	-4	-4	-3	-3	-1	0	-0	-2	-3
17	-1	-1	0	2	3	4	5	5	6	6	6	8	7	8	11	11	10	9	14	15	16	15	14	13
18	11	11	10	11	11	14	13	14	13	13	13	11	8	5	5	21	40	45	38	40	45	42	41	37
19	33	27	15	15	14	19	17	-2	-22	-30	-32	-31	-29	-21	-18	-16	-18	-16	-15	-14	-12	-12	-9	-5
20	-4	-2	-1	1	3	4	3	3	1	-2	-1	0	-1	2	1	-1	-0	-2	-5	-8	-7	-7	-5	-1
21	-4	-6	-6	-6	-5	-5	-3	0	2	4	4	2	0	1	0	1	1	3	7	5	6	9	9	8
22	8	6	5	4	5	6	7	12	14	13	11	9	5	4	7	10	11	13	16	16	23	25	17	14
23	13	16	15	13	10	8	1	0	3	6	9	12	14	12	6	4	4	5	5	2	-3	-4	6	13
24	14	11	5	4	1	6	9	9	3	2	5	8	4	2	1	1	1	-1	-4	-2	5	10	12	11
25	7	2	-7	-9	-4	-1	0	-0	4	5	7	8	7	8	7	6	6	8	6	6	8	9	9	8
26	9	10	14	12	7	6	6	6	7	7	5	2	1	3	3	2	3	5	4	4	8	9	5	6
27	7	13	21	18	15	14	22	27	24	25	26	24	18	16	19	18	15	13	10	9	8	9	7	1
28	-5	-1	2	7	6	-9	-21	-18	-19	-19	-14	-11	-9	-6	-4	-4	-4	-5	-8	-9	-12	-13	-17	-18
29	-16	-9	-3	-7	-2	-6	2	-0	-0	-2	-4	-2	-1	-2	-6	-7	-6	-7	-9	-17	-12	-11	-11	-9
30	-9	-2	1	-4	-6	-4	-3	-3	-3	-4	-6	-9	-11	-10	-8	-6	-7	-9	-3	-0	3	-1	-0	1
31	5	11	13	10	4	3	2	1	1	1	1	1	3	3	4	4	3	-0	-2	-6	-7	-10	-10	-10

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	-9	-0	4	4	3	5	8	8	6	6	6	6	7	8	10	10	9	10	12	13	12	10	10	11
2	13	16	19	20	20	26	21	22	9	-5	-10	-3	-1	1	3	-1	-6	-15	-18	-17	-13	-11	-12	-15
3	-16	-11	-10	-14	-15	-7	-1	0	2	3	6	2	-1	-5	-5	-6	-8	-9	-14	-13	-10	-3	4	6
4	2	-6	-6	-6	-2	3	8	9	5	5	6	6	3	3	4	0	-2	-2	3	3	6	7	10	8
5	8	8	9	8	11	15	16	14	13	11	9	8	2	2	3	7	5	5	4	4	3	-1	-0	1
6	1	1	1	1	2	2	2	2	4	5	6	7	4	1	0	-1	-0	1	2	1	1	0	7	11
7	16	20	25	24	21	18	20	20	27	29	29	28	23	21	18	13	11	8	8	8	8	10	11	16
8	17	15	16	17	17	21	18	14	12	10	14	17	13	13	14	14	13	8	3	-1	0	0	2	5
9	9	13	20	20	15	13	13	14	14	14	14	9	6	1	-2	-0	1	-0	-1	-1	-2	-4	-4	1
10	-0	1	6	6	2	9	11	11	9	7	1	-3	-2	-3	2	5	7	6	6	5	7	8	4	-0
11	1	-0	-4	-7	1	6	7	7	3	2	5	7	8	11	12	10	12	12	9	5	6	1	-7	-10
12	-8	-5	2	0	2	4	7	6	5	5	7	10	11	10	8	7	6	7	5	0	-1	-3	-9	-7
13	-1	2	7	9	9	9	7	7	7	7	10	13	17	20	20	18	18	17	15	16	20	19	20	13
14	7	2	-5	-6	-9	-7	-7	-5	-3	-6	-6	-7	-4	-5	-2	2	5	5	1	-2	-3	-6	-7	-9
15	-6	-0	3	5	5	8	9	5	-3	-8	-7	-4	-1	-0	-2	-5	-6	-5	-7	-5	3	10	8	13
16	15	16	16	18	16	16	16	20	17	21	23	28	31	34	27	28	29	26	22	19	17	13	13	10
17	7	16	22	13	2	-1	-1	-5	-9	-8	-9	-5	-8	-5	-4	-3	-1	-2	-2	-0	1	-2	-7	-13
18	-16	-10	-0	4	4	5	6	6	3	3	4	6	7	13	25	39	41	40	42	0	-14	-15	-12	-4
19	-9	-19	-13	-5	-7	-17	-30	-33	-29	-20	-14	-7	-4	-7	-8	-9	-13	-20	-18	-18	-15	-17	-9	-11
20	-11	-12	-9	-7	-4	-6	-4	-7	-2	-6	-10	-7	-3	3	3	2	2	-4	-10	-8	-12	-15	-17	-15
21	-14	-16	-10	-14	-11	-12	-12	-18	-18	-13	-7	-11	-5	-9	-12	-12	-14	-17	-17	-14	-11	-10	-10	-11
22	-7	-1	4	7	4	-1	-2	-1	-7	-8	-4	-1	0	-2	-3	-6	-5	-7	-12	-14	-13	-12	-15	-20
23	-21	-10	-1	-0	-4	-5	-3	-1	-2	-3	-2	1	1	8	13	18	9	5	4	3	7	-8	-9	-6
24	-18	-4	3	-3	-7	-7	-6	-2	-3	-9	-6	-6	-7	-8	-8	-8	-6	-5	-4	-6	-10	-19	-24	-27
25	-19	-20	-12	1	-0	-5	-7	-7	-10	-5	-3	-2	-1	-1	-6	-11	-6	-10	-10	-12	-9	-8	-7	-7
26	-8	-3	8	13	8	4	4	1	-0	-2	-3	-0	7	12	8	4	3	3	-0	-3	-1	-0	3	2
27	1	2	8	10	7	5	5	5	1	-1	2	5	5	7	7	6	5	4	-1	-4	-5	-5	-4	-5
28	-6	-3	6	6	5	7	7	7	5	4	4	4	4	6	5	3	3	4	6	5	8	9	9	6
29	5	7	10	10	8	7	5	6	7	9	12	14	13	15	15	13	13	15	13	18	13	17	18	15
30	7	1	-6	3	7	8	4	-0	-5	-1	2	7	9	9	9	8	14	16	15	8	3	-1	-4	-4
31	-3	-3	-4	-4	-5	-2	6	4	-9	-16	-17	-10	-2	-4	-2	-1	4	6	5	3	2	1	4	2

SEPTEMBER 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	-3	-3	-1	1	2	-1	1	4	4	7	9	11	11	13	14	10	8	5	5	4	6	9	8	3
2	-7	-8	-7	-2	-0	3	5	5	4	3	3	3	3	-0	-2	-3	-0	2	1	-1	-2	0	-4	-4
3	-1	1	3	4	7	9	10	7	6	6	7	8	11	13	13	10	9	9	5	4	6	10	12	4
4	-2	-5	-3	5	7	5	9	4	11	14	14	6	2	4	6	5	6	8	-8	-13	-9	-9	-7	-12
5	-10	-7	-3	0	-3	-3	-4	2	3	2	2	-0	2	7	9	9	8	9	9	6	2	1	4	1
6	-2	-6	-6	3	9	6	5	6	5	5	8	9	7	10	14	13	8	6	5	6	7	7	5	2
7	-2	-2	1	3	2	4	9	9	6	5	7	8	9	13	13	13	10	7	7	9	10	7	0	-1
8	3	3	3	5	5	5	6	5	4	3	0	1	4	7	9	6	5	5	4	3	3	5	3	-1
9	0	3	5	7	6	5	6	7	7	8	7	7	7	7	5	4	2	0	-1	1	2	1	-1	1
10	5	5	7	7	6	4	5	8	9	7	9	9	8	6	6	4	2	4	5	5	8	11	13	13
11	14	14	14	17	17	15	15	15	12	14	16	17	21	23	22	18	18	22	25	30	38	34	29	19
12	7	1	-8	-8	-3	2	3	3	5	4	5	6	8	8	10	11	13	9	13	21	25	24	20	5
13	-19	-18	-12	-4	0	-0	-1	-1	-1	-2	-2	-1	3	1	4	7	10	12	16	16	17	14	12	8
14	5	2	-0	3	3	3	2	3	2	2	2	-1	-2	-4	-4	0	6	11	11	6	2	-1	-3	0
15	-1	-7	-9	-5	-3	-7	-13	-17	-21	-17	-13	-10	-9	-8	-9	-3	-8	-14	-14	-10	-8	-13	-29	-44
16	-58	-67	-62	-44	-34	-17	-11	-29	-50	-53	-43	-30	-15	-16	-20	-25	-21	-21	-23	-18	-13	-19	-24	-18
17	-20	-20	-18	-15	-14	-15	-19	-26	-21	-17	-19	-14	-7	-6	-11	-15	-12	-9	-7	-7	-12	-14	-17	-27
18	-25	-24	-23	-24	-25	-30	-25	-18	-14	-13	-12	-10	-8	-10	-15	-23	-20	-16	-16	-19	-15	-18	-17	-16
19	-13	-15	-16	-19	-13	-11	-20	-21	-15	-7	-3	-4	-8	-16	-19	-18	-15	-17	-18	-11	-10	-8	-4	-5
20	-10	-13	-14	-17	-17	-15	-14	-9	-6	-3	-4	-4	-3	-3	-5	-5	-6	-6	-8	-8	-6	-2	-4	-6
21	-14	-17	-12	-8	-6	-3	-3	-2	-0	0	1	-2	-2	-2	-4	-7	-7	-6	-6	-3	1	2	3	-1
22	-2	-5	-4	-4	-4	-6	-7	-5	1	2	5	6	8	9	12	14	15	20	23	20	21	19	22	27
23	27	24	22	22	22	21	17	18	19	23	18	16	14	7	3	-4	-6	-3	-2	-3	-0	3	4	0
24	2	4	5	1	-4	-3	-1	-4	-5	-6	-3	-1	5	5	2	3	6	5	3	1	1	5	7	2
25	-2	-8	-18	-24	-28	-34	-25	-18	-14	-9	-7	-6	-4	-9	-9	-12	-10	-7	-3	-4	-4	-4	-1	-3
26	-1	-2	-7	-10	-15	-18	-21	-24	-27	-23	-16	-17	-16	-11	-11	-13	-12	-8	-4	-2	-1	6	4	-11
27	-25	-21	-13	-10	-9	-8	-5	-1	1	5	7	7	6	3	2	6	7	-2	-7	-19	-40	-48	-58	-66
28	-70	-68	-72	-71	-65	-60	-51	-50	-49	-45	-49	-47	-34	-26	-24	-19	-13	-8	-13	-14	-16	-13	-10	-12
29	-13	-15	-15	-14	-16	-16	-16	-23	-17	-16	-16	-14	-16	-15	-18	-20	-15	-14	-13	-14	-15	-16	-17	-17
30	-16	-16	-18	-21	-16	-11	-10	-9	-10	-9	-9	-8	-9	-9	-11	-11	-11	-10	-9	-7	-4	-0	1	-3

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	-5	-6	-7	-6	-3	1	4	5	7	7	7	10	11	9	8	6	7	8	9	9	11	13	11	11	
2	4	-14	-11	-6	-6	-10	-10	-0	1	1	3	-1	-7	-9	-10	-5	-4	-2	-0	-10	-14	-24	-19	-11	
3	-8	-8	-9	-11	-10	-9	-7	-8	-11	-8	-4	-1	-1	-0	-2	-3	-4	-5	-3	-2	-2	-5	-8	-8	
4	-11	-13	-12	-10	-8	-6	-4	-4	-5	-4	-3	-2	-1	-0	1	2	2	4	7	5	2	2	1	1	
5	-0	2	8	17	18	21	13	18	19	20	19	21	21	15	12	11	11	13	17	19	19	12	9	6	
6	5	3	-0	-4	-6	-4	-0	0	1	1	2	2	3	1	1	0	1	4	4	3	7	10	10	9	
7	8	5	2	-0	1	5	8	14	15	33	30	28	28	29	29	22	18	16	19	20	21	22	25	18	
8	12	5	11	27	28	28	29	21	13	10	12	9	9	12	22	23	22	24	20	11	2	-2	-2	2	
9	2	-7	-12	-10	-7	-4	-3	-1	-0	0	2	2	4	6	4	5	5	6	8	6	4	8	11	11	
10	11	7	3	1	-1	-1	2	3	5	6	6	4	5	8	8	9	11	12	10	7	4	7	13	14	
11	14	6	0	-1	-2	0	4	7	7	6	6	8	8	8	5	6	5	9	10	10	15	19	17	15	
12	6	0	0	-0	0	1	4	4	5	4	5	7	6	6	6	6	9	11	13	8	8	11	12	13	
13	12	10	7	2	-2	-2	2	4	2	-0	0	1	6	9	9	11	11	13	6	-2	-5	2	7	8	
14	7	0	-7	-12	-8	-6	-4	-3	-1	-1	-3	0	-1	0	1	1	1	0	-0	1	2	5	7	3	
15	1	-1	-1	-2	-3	-2	1	1	2	1	1	2	4	4	5	6	6	6	3	3	3	5	6	6	
16	3	3	4	9	10	9	9	10	9	9	8	8	8	8	9	9	8	6	4	5	7	9	15	17	
17	16	15	13	10	7	7	9	11	10	10	9	14	14	17	17	17	16	15	14	14	16	20	21	23	
18	22	16	15	16	18	13	6	6	4	5	8	7	8	10	9	6	5	6	6	6	8	12	16	16	
19	16	12	9	10	8	9	10	12	13	11	9	10	9	6	5	2	2	5	7	8	11	13	14	15	
20	15	13	11	8	4	6	10	14	13	12	13	13	14	15	15	16	15	13	12	12	11	15	18	18	
21	18	18	16	13	11	9	7	5	7	7	7	7	9	10	9	9	9	9	8	9	9	11	12	12	
22	11	18	23	20	22	25	26	23	16	16	14	15	21	23	26	20	18	24	3	4	7	4	3	-3	
23	-5	-5	-4	-7	-14	-14	-27	-28	-20	-15	-4	-4	-13	-8	-3	0	2	-5	-5	-11	-16	-19	-17	-15	
24	-20	-27	-26	-23	-26	-22	-15	-13	-11	-12	-11	-8	-6	-6	-4	1	-1	4	2	1	-1	-2	-2	-8	
25	-17	-21	-23	-23	-23	-19	-20	-22	-22	-19	-16	-17	-16	-14	-11	-10	-10	-0	1	-1	-2	-5	-7	-3	
26	-3	-8	-8	-2	-2	-1	0	1	-2	-3	-2	-2	-1	1	2	4	6	9	10	7	3	3	5	4	
27	7	7	7	7	8	8	7	9	10	5	6	6	3	3	12	14	14	13	15	16	16	12	9	10	
28	-2	-7	-15	-9	-3	2	8	9	6	1	-7	-8	-2	-4	-1	0	-2	-3	-4	-3	-6	-8	-6	-4	
29	-8	-8	-9	-11	-11	-9	-6	-4	-3	-1	-1	-0	2	2	5	7	8	9	11	11	11	5	2	3	
30	3	4	2	-3	-8	-13	-18	-15	-15	-9	-8	-6	-7	-6	-2	1	2	3	5	5	5	6	6	5	
31	4	-1	-6	-4	-3	-2	-3	-1	3	4	6	8	8	9	9	8	7	3	-2	-5	-8	-11	-9	-8	

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	-5	-4	-7	-8	-6	-5	-2	-1	-1	0	-0	1	2	4	4	4	2	1	0	1	-1	-0	-1	-3
2	-1	-6	-7	-6	-2	-1	-0	2	1	2	2	1	2	2	-2	-7	-6	-4	-5	-6	-6	-6	-3	2
3	3	2	-1	0	-1	-2	-1	-1	1	1	1	1	2	2	1	1	-1	-1	-2	-2	0	1	0	1
4	3	17	18	18	23	26	24	24	26	26	29	23	3	2	11	13	8	8	8	11	8	8	11	12
5	14	13	20	24	19	9	6	5	4	7	12	18	18	11	5	9	14	14	13	9	-4	-17	-30	-28
6	-32	-37	-47	-55	-52	-41	-33	-29	-32	-30	-21	-9	-5	-7	-4	-4	-7	-8	-4	-6	-9	-17	-19	-21
7	-29	-35	-29	-20	-17	-18	-20	-22	-23	-22	-12	-11	-9	-5	-1	-1	-3	-4	-5	-7	-9	-8	-5	-4
8	-4	-7	-9	-8	-4	-2	-1	1	1	3	4	5	5	5	4	3	3	7	8	8	7	8	9	5
9	1	-2	-1	1	3	2	1	0	-0	-4	-4	2	2	5	5	4	4	3	2	2	2	-1	-3	-4
10	-1	1	2	3	5	4	5	6	7	8	8	8	7	7	10	12	12	12	12	15	13	11	10	9
11	8	6	7	9	12	13	13	13	13	9	9	12	12	11	10	11	11	14	15	13	11	7	9	12
12	9	7	6	9	11	11	11	11	12	13	11	14	18	17	15	20	23	27	32	32	29	29	25	21
13	16	11	6	3	0	-2	-0	2	3	1	2	3	5	6	7	10	11	13	9	8	4	-4	-3	-9
14	-4	-6	-5	-1	5	5	3	5	6	6	6	7	8	7	7	5	3	0	-1	0	-2	-1	-0	0
15	-2	-0	-0	1	2	2	1	1	4	3	4	7	11	10	10	12	10	7	4	3	0	0	2	4
16	4	3	5	3	2	3	3	3	4	4	6	7	6	7	7	8	9	8	8	5	4	4	2	3
17	3	0	2	2	4	8	7	4	8	8	7	6	4	7	8	11	12	9	8	9	11	10	12	11
18	8	0	-1	-0	11	17	19	20	20	18	14	10	9	11	11	14	14	11	11	10	7	8	12	12
19	12	9	9	10	1	-4	-6	-9	-10	-13	-21	-16	-6	-6	-8	-8	-7	-5	-1	-1	-5	-6	-5	-6
20	-8	-16	-23	-21	-24	-26	-22	-18	-22	-27	-27	-23	-8	-11	-11	-8	-8	-9	-11	-9	-14	-19	-24	-24
21	-27	-31	-31	-30	-28	-27	-27	-22	-15	-11	-10	-6	-7	-8	-7	-3	0	1	-1	-3	-6	-4	-4	-2
22	-6	-13	-13	-9	-6	-7	-9	-9	-9	-8	-8	-4	-1	-3	-2	-1	-2	-3	-1	-1	-2	-3	-3	-3
23	-3	-2	-4	-2	-0	1	-1	-1	-2	-3	-2	-1	-1	-2	-1	2	2	3	3	4	3	5	11	8
24	1	-3	-3	6	9	9	8	8	10	8	9	11	11	9	13	14	15	12	9	6	2	-1	-2	-3
25	-5	-9	-7	-2	3	7	6	5	6	7	8	11	13	14	13	13	12	13	15	13	5	2	1	1
26	1	2	1	5	11	8	3	5	3	2	5	6	6	4	4	4	6	5	3	2	2	3	1	5
27	3	-3	-2	3	5	3	1	2	3	5	6	7	9	8	9	12	12	9	9	9	10	12	9	8
28	8	4	1	3	4	5	6	7	8	8	6	6	6	4	5	3	4	4	6	9	13	18	19	18
29	16	12	9	7	7	11	13	13	15	14	15	16	14	10	9	8	7	7	4	5	5	2	3	1
30	-0	-2	-0	4	9	15	14	19	20	25	27	21	13	3	3	10	13	8	-6	-5	-8	-14	-14	-16

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	-13	-13	-16	-17	-13	-10	-12	-13	-9	-6	0	8	10	-2	2	-4	-9	-8	-9	-16	-22	-21	-23	-17
2	-14	-21	-28	-23	-13	-12	-14	-15	-16	-15	-15	-9	-8	-6	-6	-6	-4	-6	-5	-4	-8	-5	-4	-4
3	-4	-7	-9	-10	-11	-12	-11	-9	-7	-6	-5	-2	-2	-3	-1	0	2	3	2	2	2	-0	5	6
4	3	-3	-7	-5	-2	0	0	2	2	5	13	10	10	17	17	5	1	-1	-6	-10	-15	-13	-9	-8
5	-7	-10	-9	-6	-6	-3	-4	-5	-4	-3	-2	1	0	0	5	10	10	9	7	6	5	6	7	8
6	6	5	6	4	2	2	2	1	2	5	5	5	4	2	2	6	8	8	5	3	7	9	12	13
7	14	8	6	8	8	6	2	-1	0	0	2	5	6	5	6	7	7	5	2	0	-0	2	4	6
8	8	4	2	1	4	8	7	8	10	13	13	14	15	14	19	19	16	21	22	12	16	23	26	23
9	12	9	13	15	16	16	13	8	4	3	4	6	6	8	4	7	11	11	7	5	3	3	5	4
10	8	8	9	9	8	7	5	5	5	6	6	9	9	11	14	13	16	4	-11	-9	-5	-6	-13	-7
11	-2	-2	-6	-4	-8	-6	-11	-12	-10	-8	-8	-6	-4	1	1	1	1	1	4	-0	-3	-6	-9	-11
12	-13	-15	-12	-6	-6	0	1	-1	-3	-4	-2	3	4	2	5	4	-1	-3	-6	-9	-8	-10	-9	-6
13	-7	-10	-10	-10	-10	-13	-13	-12	-13	-10	-7	-4	-1	-2	-1	2	2	2	0	-4	-7	-6	-4	-6
14	-7	-5	-1	1	3	5	5	3	2	3	2	4	3	3	5	6	5	3	-1	-2	-4	-6	-7	-7
15	-6	-5	-2	0	2	5	7	7	7	6	5	8	10	10	11	12	11	11	9	8	9	10	9	7
16	5	4	5	7	10	12	12	12	12	13	16	17	18	22	21	19	18	18	19	17	18	20	18	19
17	20	20	20	16	12	11	12	12	14	15	15	15	13	11	9	11	14	14	13	13	15	17	17	16
18	18	18	14	14	12	11	16	19	20	18	9	7	7	9	13	19	7	-9	-22	-26	-21	-15	-12	-16
19	-32	-31	-24	-22	-23	-25	-27	-27	-24	-24	-22	-19	-18	-18	-17	-14	-12	-10	-13	-19	-22	-19	-14	-9
20	-10	-9	-8	-8	-8	-8	-7	-8	-7	-7	-7	-7	-6	-5	-3	1	3	2	-0	-5	-5	-2	2	8
21	12	13	9	2	-1	-3	-5	-6	-6	-3	-2	-3	-3	-3	-3	-5	-2	1	4	5	7	10	15	21
22	26	27	25	27	27	15	11	17	19	16	6	7	1	-2	-1	3	4	3	0	-1	-2	-2	-0	-4
23	-4	0	3	3	3	2	0	-1	-4	-5	-5	-3	-2	-1	0	-2	-2	1	1	0	-0	1	2	5
24	8	11	13	11	7	6	5	7	9	10	9	10	9	10	18	17	10	11	11	31	39	28	9	-11
25	-2	-2	-8	-9	-12	-14	-15	-13	-14	-10	-12	-11	-11	-11	-9	-4	1	3	6	4	4	9	12	13
26	16	16	13	15	14	11	0	-5	-9	-17	-16	-12	-20	-17	-14	-13	-12	-14	-12	-10	-9	-6	-9	-9
27	-7	-2	2	2	-1	-5	-3	-3	-2	-5	-4	-5	-10	-9	-4	-4	-3	-6	-8	-11	-12	-10	-9	-11
28	-12	-12	-9	-5	-5	-7	-11	-15	-10	-9	-16	-19	-15	-12	-5	-5	-11	-13	-13	-17	-20	-16	-14	-12
29	-13	-13	-11	-12	-10	-10	-11	-13	-13	-9	-7	-7	-6	-0	2	3	-3	-8	-3	0	1	-1	-5	-5
30	-6	-4	-3	-2	1	5	4	3	1	-0	-4	-1	-4	-9	-8	-9	-9	-11	-7	-6	-5	-2	1	-0
31	-2	-1	-1	-1	0	-2	-4	-6	-7	-3	-2	-2	-4	-5	-2	1	0	-1	-2	-4	-4	-0	2	3

DAILY MEANS OF EQUATORIAL DST FOR 1965

CAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	11	5	-3	3	6	22	-7	7	5	5	-1	-10
2	6	10	4	5	8	16	-5	2	-0	-7	-2	-11
3	0	10	-9	10	5	12	1	-5	7	-6	0	-3
4	8	-1	-47	9	15	6	4	3	2	-2	15	0
5	3	3	-8	1	-19	-1	11	7	2	14	7	1
6	6	5	-5	12	-6	3	-9	3	6	2	-22	5
7	10	-40	-6	-8	-2	-1	-10	18	6	17	-13	5
8	-13	-11	1	7	-1	9	4	11	4	15	2	13
9	-7	-13	8	-2	-17	-14	-5	7	4	2	1	8
10	-3	-13	7	2	-13	2	-12	4	7	6	8	4
11	-2	-7	4	7	-3	12	-8	4	20	8	11	-4
12	4	-8	8	-2	-1	13	6	3	8	6	17	-4
13	-13	5	1	2	4	19	10	12	3	5	4	-6
14	-3	-1	-2	9	11	19	5	-3	2	-1	2	1
15	2	-5	-2	2	19	8	-3	0	-12	2	4	6
16	2	-4	1	9	5	-34	-5	20	-30	8	5	15
17	2	1	7	21	-2	-48	8	-1	-15	14	7	14
18	1	3	4	-89	8	-22	21	7	-18	10	11	5
19	5	0	11	-55	7	-9	-7	-15	-13	9	-4	-20
20	7	8	13	-40	17	-7	-1	-7	-8	13	-17	-4
21	2	-8	2	-28	13	-0	1	-12	-4	10	-13	2
22	-9	-0	9	-19	4	-1	11	-5	8	16	-5	9
23	-5	-4	-14	-10	3	4	7	-0	11	-11	1	-0
24	-0	-12	-8	-6	7	10	5	-8	1	-10	7	12
25	8	-10	-8	-0	13	11	4	-7	-11	-13	6	-4
26	10	-3	-10	1	20	1	6	3	-11	1	4	-5
27	7	-3	-3	-6	13	-1	16	3	-12	9	6	-5
28	4	-1	-3	-0	15	4	-9	5	-37	-3	7	-12
29	2		-1	7	16	10	-6	12	-16	0	9	-6
30	1		3	3	21	-4	-4	5	-10	-3	6	-3
31	5		3		20		1	-2		0		-2
MEAN	2	-3	-1	-5	6	1	1	2	-3	4	2	0

ANNUAL MEAN

1

JANUARY 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	-5	-3	-4	-2	1	4	5	7	10	9	8	10	7	9	9	8	5	4	6	7	10	13	15
2	17	10	18	21	15	16	20	15	12	15	13	14	12	7	11	11	7	10	8	10	9	7	7	1
3	-1	-4	-2	-1	-1	-3	-1	1	2	2	-0	-2	-2	-2	-1	-1	-2	-2	-3	1	-2	-5	-5	-4
4	1	4	3	0	-0	-1	2	2	-0	1	3	7	8	12	15	18	15	14	14	1	-15	-7	-11	-13
5	-12	-6	-6	-5	-7	-10	-10	-9	-9	-8	-8	-8	-9	-8	-6	-3	-0	3	2	1	-0	-3	-3	-2
6	0	1	0	-2	-3	-1	-1	-1	-1	-1	-2	-1	1	5	9	9	10	12	11	11	9	9	5	6
7	9	9	10	6	6	3	-4	-9	-7	-3	-2	-4	-4	-3	0	11	15	13	13	10	-6	-8	-6	-8
8	-11	-6	1	-0	-1	1	1	-7	-6	-4	-2	-1	-1	1	4	5	4	4	4	4	1	-3	-3	-3
9	2	8	11	9	7	8	5	4	4	4	2	0	0	1	1	1	-1	-3	-4	-3	-3	-14	-12	-8
10	-4	4	6	-0	-11	-9	-10	-9	-5	-3	-3	-3	-3	-2	-1	0	1	3	0	-4	-7	-4	-6	-9
11	-8	-2	2	2	3	5	6	5	3	2	0	1	2	1	0	-4	-1	2	4	3	3	3	3	5
12	7	5	3	2	2	3	3	3	3	2	1	1	3	3	3	1	4	6	7	8	10	13	11	10
13	10	8	10	12	15	14	15	14	12	13	11	10	7	7	6	3	5	6	7	9	10	9	9	7
14	8	9	8	9	10	12	13	17	19	15	15	15	17	18	15	6	8	12	13	10	7	4	-0	-2
15	-3	-2	-2	-2	0	2	6	6	7	6	7	6	6	7	7	14	15	15	14	11	7	8	7	7
16	9	11	10	6	2	3	5	6	6	7	7	8	8	7	7	7	9	8	7	7	7	8	11	11
17	11	10	10	9	7	6	7	6	6	9	9	9	7	7	7	9	12	14	13	14	16	21	25	26
18	33	39	38	28	23	23	22	18	20	25	23	28	30	29	27	23	13	8	4	-1	-5	-1	4	8
19	10	13	14	10	5	5	3	3	2	2	3	1	3	2	-1	-4	-1	4	4	3	6	10	11	12
20	14	18	31	24	17	15	8	6	10	9	2	4	0	-9	-18	-25	-29	-19	-18	-21	-26	-18	-11	-9
21	-12	-7	-1	-3	-9	-19	-21	-19	-7	-12	0	-2	-14	-1	-6	-5	-8	-8	-12	-12	-14	-13	-10	-21
22	-19	-12	-8	-3	-3	4	15	1	2	-0	-10	-6	-13	-14	-5	-7	-3	-7	-11	-17	-24	-30	-30	-27
23	-23	-19	-16	-16	-16	-19	-18	-18	-22	-22	-20	-18	-20	-22	-17	-11	-9	-9	-11	-13	-14	-14	-15	-17
24	-15	-11	-2	-2	-5	-8	-8	-8	-8	-10	-17	-18	-11	-6	-6	-4	-2	-5	-4	-3	-5	-3	-4	-0
25	6	5	-1	-7	-9	-11	-12	-12	-8	-6	-6	-6	-7	-8	-9	-8	-4	-2	-6	-6	-5	-0	2	1
26	2	1	3	2	-4	-9	-16	-20	-18	-11	-7	-8	-3	-9	-16	-14	-11	-9	-6	-3	-9	-11	-7	-7
27	-8	-8	-6	-6	-5	-5	-7	-8	-9	-8	-8	-6	-6	-9	-13	-14	-14	-13	-13	-11	-9	-5	-4	-3
28	-2	-2	-2	-3	-4	-2	-1	-3	-3	1	3	5	7	8	8	10	12	17	14	17	30	36	22	10
29	16	22	20	25	22	15	12	9	9	3	-3	-1	-1	-2	-3	-3	-2	-2	1	5	7	8	5	4
30	8	10	11	11	9	8	9	10	8	8	11	14	12	7	4	3	4	4	-1	-2	-2	-5	-7	-6
31	-4	-1	-2	-2	-2	-3	-3	-3	-3	-1	-3	-0	1	2	2	4	3	3	5	6	5	2	4	4

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	5	6	4	4	2	2	1	1	3	5	6	7	7	6	7	8	9	11	9	7	4	2	2	5
2	10	13	17	18	15	14	15	16	13	12	9	9	3	-2	-0	5	9	7	6	8	11	10	13	15
3	13	13	13	13	14	9	2	-0	2	6	4	4	2	-1	7	8	8	7	2	-5	-14	-18	-14	-8
4	-2	4	3	0	-3	1	-3	-11	-13	-17	-16	-13	-10	-11	-9	-4	-2	1	2	-0	-10	-12	-7	-5
5	-4	-10	-15	-11	-11	-11	-14	-16	-17	-11	-9	-14	-4	-5	-6	-9	-9	-12	-13	-13	-15	-12	-6	-5
6	-4	-8	-12	-12	-16	-17	-16	-13	-12	-13	-13	-13	-10	-8	-9	-9	-7	-6	-6	-7	-7	-8	-14	-10
7	-5	-6	-7	-6	-6	-8	-3	-3	-4	-5	-7	-5	-4	-4	-4	-3	0	3	6	4	-0	-6	-9	-6
8	-3	-0	-1	2	5	5	4	4	4	4	4	6	5	1	-0	-2	-1	1	5	6	2	-0	-1	-1
9	1	2	3	4	4	6	9	9	9	9	8	7	9	9	10	10	9	12	12	14	11	9	8	6
10	4	6	8	13	14	12	13	11	8	11	9	13	17	12	9	3	5	17	18	15	10	2	-5	1
11	3	3	3	3	2	-1	-2	1	5	3	4	2	8	6	-5	-5	0	5	3	7	4	-6	-9	-11
12	-12	-9	-6	-6	-9	-16	-14	-12	-10	-11	-12	-8	-3	-0	-0	0	-2	-1	2	5	5	5	2	-1
13	-1	-5	-10	-11	-9	-8	-9	-8	-7	-6	-4	-2	-1	2	0	0	1	2	3	0	-1	0	2	3
14	3	1	-1	-2	-1	2	-1	3	4	5	4	4	4	5	5	5	3	2	-1	-0	3	4	3	3
15	2	1	1	1	5	7	8	10	12	12	14	18	16	9	6	7	11	15	17	15	6	8	10	10
16	10	6	-1	-8	-9	-10	-11	-5	-4	-5	-3	-0	4	5	5	5	4	2	3	2	1	3	5	8
17	10	11	10	9	8	9	11	13	13	16	14	15	15	13	16	15	13	10	6	2	2	6	12	16
18	21	19	14	13	12	12	7	5	3	2	3	3	4	2	4	4	6	6	7	8	8	9	15	18
19	18	19	20	22	21	13	7	5	8	11	12	15	11	7	2	-7	-14	-5	1	-3	-11	-13	-20	-19
20	-16	-19	-20	-16	-19	-28	-27	-28	-26	-18	-16	-20	-20	-12	-18	-22	-23	-17	-13	-9	-10	-12	-12	-9
21	-8	-12	-14	-13	-12	-12	-10	-11	-13	-10	-9	-9	-8	-10	-10	-11	-10	-7	-4	-5	-6	-6	-5	-6
22	-7	-7	-4	1	5	4	3	2	0	0	3	1	-8	-12	-7	-8	-14	-12	-13	-11	-20	-27	-28	-19
23	-14	-14	-11	-12	-25	-49	-54	-58	-58	-47	-44	-36	-26	-19	-19	-18	-13	-14	-17	-18	-34	-30	-24	-24
24	-22	-19	-20	-16	-16	-13	-20	-18	-16	-17	-13	-12	-5	-5	-6	-7	-7	-13	-11	-16	-17	-13	-12	-11
25	-11	-14	-18	-16	-16	-16	-15	-9	-7	-5	-4	-4	-5	-6	-5	-3	-4	-1	-1	-0	-2	-3	-9	-12
26	-12	-12	-9	-8	-5	-5	-5	-4	-3	-5	-6	-6	-5	-3	-3	-3	-4	-4	-1	1	1	2	3	2
27	2	1	2	2	3	0	-3	-7	-8	-5	1	0	1	-0	-0	-1	1	2	2	4	6	6	5	4
28	2	3	2	1	1	-0	2	2	3	3	3	4	4	4	1	-1	-2	-4	-3	2	5	6	10	14

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	15	15	17	16	15	7	3	1	3	4	4	5	6	3	2	3	3	6	7	10	8	6	7	8	
2	12	14	15	14	14	13	12	11	12	12	13	14	16	16	14	14	13	12	12	12	14	15	17	16	
3	11	12	13	12	13	14	15	15	13	8	-1	3	12	12	13	13	13	12	11	7	4	-2	-12	-14	
4	-12	-8	-5	-1	-4	-2	-4	-5	-5	-2	1	0	-0	1	1	0	3	1	2	4	-1	-6	-2	1	
5	4	2	-3	-4	-4	-6	-8	-11	-10	-7	-3	-4	-5	-6	-4	-0	1	-1	-2	-3	-1	1	1	1	
6	2	3	3	4	3	2	3	3	3	1	-0	3	5	2	-0	0	3	5	6	6	5	7	10	11	
7	11	12	13	13	10	6	5	5	5	4	5	6	6	3	3	2	3	5	7	6	4	5	9	12	
8	11	7	4	4	4	5	6	15	16	15	16	17	19	19	17	17	21	21	20	18	18	17	17	15	
9	12	11	10	10	10	9	10	13	13	13	14	20	21	17	17	17	20	22	25	24	16	13	-2	-12	
10	-23	-25	-21	-13	-12	-10	-10	-9	-5	-2	-1	0	4	5	9	10	9	12	13	12	7	5	2	1	
11	-1	-6	-7	-8	-5	-4	-4	-3	-1	1	2	2	3	4	6	9	11	10	9	7	5	5	-0	-6	
12	-5	2	3	2	2	3	3	5	4	2	-2	-3	-1	1	5	5	5	6	11	13	16	17	18	19	
13	21	17	17	4	5	6	5	12	11	10	10	10	11	9	6	6	8	4	4	-7	-10	-27	-47	-59	
14	-80	-102	-112	-121	-129	-132	-120	-106	-108	-109	-95	-64	-64	-70	-61	-58	-45	-41	-40	-38	-37	-34	-34	-34	
15	-32	-33	-36	-37	-35	-32	-32	-33	-33	-34	-32	-27	-21	-11	-9	-16	-19	-21	-23	-20	-19	-20	-15	-12	
16	-12	-9	-14	-20	-19	-20	-18	-16	-14	-14	-15	-15	-14	-15	-14	-12	-10	-9	-10	-11	-12	-14	-13	-15	
17	-16	-15	-16	-15	-12	-10	-9	-9	-4	-4	-5	-2	0	-1	-7	-8	-1	3	3	6	10	7	4	-5	
18	-10	-15	-15	-11	-9	-8	-5	-6	-4	-3	-5	-5	-3	-4	-4	-5	-4	-2	0	1	5	10	12	17	
19	20	18	19	12	11	14	15	10	2	-4	-2	4	-3	-6	-5	-2	-6	-9	-17	-14	-10	-6	-17	-18	
20	-15	-14	-16	-12	-9	-9	-7	-8	-5	-4	-5	-6	-4	-3	-0	-2	1	-0	-4	-7	-6	-7	-7	-12	
21	-13	-18	-19	-18	-15	-9	-9	-9	-7	-3	-3	-0	1	1	3	-0	-2	0	1	4	7	6	-6	-14	
22	-13	-5	-2	1	0	1	0	-1	-1	0	-1	0	7	8	9	17	25	25	21	15	14	8	-3	2	
23	1	-1	-3	-5	-4	-7	-12	-18	-24	-32	-45	-32	-34	-35	-46	-58	-73	-81	-87	-89	-93	-91	-83	-78	
24	-76	-71	-69	-64	-60	-54	-53	-52	-51	-49	-47	-48	-48	-47	-43	-37	-34	-32	-31	-30	-30	-28	-33	-32	
25	-31	-22	-21	-15	-10	-10	-7	-7	-7	-5	-4	-9	-10	-1	-3	-7	2	8	-5	2	3	-4	-2	-12	
26	-11	-7	-9	-11	-4	-4	-4	1	4	7	10	11	-15	-16	-12	-8	-7	-8	-5	-11	-7	-2	-1	-5	
27	-10	-17	-23	-25	-24	-20	-20	-22	-17	-12	-12	-13	-13	-13	-13	-6	-6	-9	-8	-3	2	-2	-5	-10	
28	-15	-18	-18	-13	-11	-12	-17	-23	-25	-27	-31	-36	-35	-19	-9	2	3	-8	-26	-47	-54	-43	-42	-42	
29	-47	-63	-64	-59	-50	-43	-43	-45	-41	-35	-31	-25	-18	-16	-13	-9	-6	-7	-12	-15	-19	-19	-19	-21	
30	-21	-24	-29	-35	-31	-26	-23	-19	-15	-12	-11	-10	-9	-10	-11	-14	-13	-14	-15	-15	-13	-11	-13	-13	
31	-14	-17	-19	-18	-18	-15	-12	-14	-15	-15	-15	-17	-16	-13	-10	-7	-7	-9	-11	-11	-6	-0	0	-3	

APRIL 1966

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

MAY 1966

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
CAY																								
1	-10	-14	-19	-24	-22	-14	-7	-4	-7	-6	-4	-7	-8	-8	-11	-9	-7	-7	-5	-6	-9	-11	-8	-8
2	-10	-15	-11	-10	-17	-15	-13	-16	-20	-22	-19	-16	-16	-18	-19	-19	-18	-17	-16	-15	-16	-16	-17	-13
3	-8	-7	-8	-10	-10	-9	-5	-1	0	1	1	-1	-5	-5	-5	-5	-5	-5	-5	-6	-10	-9	-9	-14
4	-20	-26	-27	-24	-26	-23	-22	-15	-18	-19	-16	-17	-19	-19	-13	-13	-14	-17	-17	-16	-17	-22	-20	-16
5	-12	-15	-17	-11	-8	-7	-7	-4	-3	-1	-0	-5	-5	-5	-6	-6	-4	-7	-8	-10	-10	-9	-7	-5
6	-0	-1	-7	-16	-19	-24	-15	-10	-17	-17	-15	-13	-13	-14	-14	-12	-8	-6	-5	-5	-6	-5	-5	-3
7	1	5	8	7	4	4	5	6	4	3	0	0	-2	-2	-2	-2	-5	-7	-6	-2	-2	-5	-4	-1
8	2	5	6	2	2	4	7	9	7	6	12	11	5	3	5	9	9	11	12	9	3	-5	-6	-7
9	-5	-2	0	-3	-9	-9	-3	2	6	10	12	9	5	5	4	4	5	4	3	1	-0	-1	1	4
10	7	6	7	6	3	3	7	7	6	6	7	15	14	14	17	18	19	20	15	16	17	18	21	19
11	18	16	15	14	15	14	14	15	23	29	31	30	19	7	3	9	9	12	14	15	14	14	8	9
12	8	10	6	6	5	-0	4	8	9	8	8	9	8	8	4	-0	1	5	6	4	1	5	6	8
13	11	11	13	10	8	13	16	14	6	3	2	5	6	10	13	11	10	11	11	7	4	3	4	8
14	11	14	13	11	10	11	11	12	12	11	12	11	11	11	9	9	10	10	10	11	13	12	15	16
15	13	13	13	13	15	16	17	17	17	16	15	12	13	14	14	15	16	17	13	9	10	11	13	17
16	17	14	13	11	11	14	16	17	18	20	20	19	19	17	14	15	18	15	9	8	1	0	4	5
17	5	5	7	4	1	2	6	8	8	7	8	8	9	9	7	7	6	2	6	3	1	-2	-1	1
18	0	-1	-0	-4	-6	-1	1	4	4	5	7	7	9	10	9	9	9	6	2	-0	1	2	4	2
19	2	4	7	6	9	9	8	6	4	4	6	4	3	5	8	5	5	5	4	2	5	5	5	5
20	5	6	8	6	8	9	14	12	9	5	2	-0	-1	-2	2	2	2	4	6	5	-4	-3	5	14
21	19	17	10	7	9	11	10	13	13	12	11	10	11	12	13	13	12	9	9	7	4	4	7	12
22	17	21	22	20	16	13	11	12	13	14	15	12	13	17	20	20	22	21	16	8	4	5	5	9
23	10	10	10	13	14	15	13	12	12	12	11	10	9	9	10	10	10	9	11	13	15	14	13	12
24	16	23	27	26	25	21	17	18	18	16	17	17	18	19	18	16	16	16	19	21	21	20	18	17
25	17	19	18	16	19	20	20	20	20	18	16	16	16	18	19	15	8	3	3	4	6	9	15	29
26	38	38	35	44	46	41	35	33	43	1	-18	-54	-49	-53	-53	-53	-69	-74	-87	-90	-100	-109	-112	-90
27	-76	-68	-69	-64	-61	-56	-53	-56	-55	-54	-53	-55	-56	-55	-56	-57	-58	-56	-55	-56	-54	-50	-43	-38
28	-33	-30	-28	-28	-30	-33	-36	-32	-30	-30	-29	-29	-26	-28	-32	-33	-32	-34	-36	-35	-36	-35	-31	-26
29	-25	-22	-17	-17	-18	-19	-21	-21	-22	-22	-22	-22	-22	-24	-26	-28	-28	-27	-27	-27	-26	-25	-22	-19
30	-18	-18	-19	-16	-14	-13	-11	-11	-13	-15	-15	-14	-10	-5	-4	-6	-9	-10	-13	-11	-16	-26	-28	-24
31	-25	-24	-21	-20	-26	-31	-14	-23	-31	-39	-41	-39	-38	-35	-42	-36	-30	-28	-24	-34	-50	-65	-71	-65

JUNE 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	-63	-56	-44	-38	-36	-34	-37	-44	-39	-41	-42	-40	-35	-36	-36	-37	-35	-33	-31	-31	-30	-32	-32	-30
2	-26	-23	-17	-17	-17	-15	-15	-17	-12	-4	-10	-13	-8	-4	-4	-9	-15	-16	-18	-22	-24	-29	-30	-22
3	-14	-12	-13	-14	-13	-10	-8	-8	-9	-6	-3	-3	-6	-5	-6	-5	6	9	-6	-16	-20	-26	-27	-23
4	-19	-14	-12	-12	-7	-6	-7	-7	-5	-4	-4	-2	-2	-0	3	3	2	1	-2	-5	-8	-12	-9	-8
5	-4	-0	5	9	11	9	7	7	8	8	13	1	10	18	18	17	11	9	7	4	4	2	1	4
6	7	6	3	3	3	7	11	13	13	15	17	11	10	7	9	9	6	3	2	-1	-2	-2	1	1
7	2	4	1	-5	-1	3	6	6	2	-3	-3	-4	1	-3	0	-2	7	7	2	-1	2	6	6	6
8	1	-3	-8	-6	-2	3	5	5	4	4	0	0	-0	1	-0	-1	-1	-2	-4	-4	-3	-1	2	3
9	3	4	4	4	4	4	4	6	5	2	2	2	2	4	3	1	-1	4	6	4	3	1	-1	8
10	1	-1	-4	-2	4	7	7	10	11	13	15	14	14	11	10	12	12	14	14	11	11	11	13	16
11	18	17	15	13	13	15	15	18	18	18	18	16	17	16	15	14	12	10	10	11	11	13	14	14
12	16	16	17	14	9	2	-1	-4	-1	2	4	4	0	1	-1	-1	1	2	2	-2	-5	-12	-12	-10
13	-6	-2	-5	-5	-6	-5	-4	-4	-6	-4	-1	1	2	4	6	4	4	5	4	1	-4	-7	-5	-3
14	-5	-2	-1	-0	1	2	-0	-1	0	-0	-4	-5	-4	-3	-2	-2	-1	0	-3	-6	-9	-11	-9	-9
15	-6	-4	1	4	8	8	10	11	11	11	11	11	13	17	16	11	9	10	5	-0	-6	-5	-5	-9
16	-1	4	8	8	7	6	7	4	5	5	8	10	12	9	7	1	-0	-1	1	2	2	-3	-6	-3
17	4	9	12	13	15	16	14	11	10	10	10	6	6	14	17	12	12	13	11	7	4	1	-3	1
18	4	4	2	-0	2	7	8	7	8	10	10	10	11	11	18	23	26	26	23	20	21	18	15	13
19	8	9	14	21	23	22	18	13	12	14	17	22	29	30	28	32	31	29	31	24	15	4	-1	0
20	3	3	5	7	10	8	-1	0	3	5	8	9	10	9	10	10	9	11	11	3	1	-2	-3	-1
21	1	-0	0	-1	2	5	6	7	5	5	6	5	6	7	8	9	10	13	8	5	4	1	-1	0
22	1	1	2	6	6	7	5	4	4	4	3	5	6	7	7	6	3	4	6	10	12	11	9	8
23	7	7	12	11	13	17	19	23	25	21	16	10	3	5	6	-5	-7	-8	-17	-19	-21	-14	-10	3
24	4	10	18	24	21	25	29	32	33	24	23	23	24	23	31	29	29	24	16	6	-12	-20	-24	-17
25	-16	-16	-27	-31	-23	-19	-18	-12	-4	-6	-13	-17	-14	-10	-7	-8	-8	-7	-8	-10	-10	-12	-15	-8
26	-2	-0	-1	0	-1	-1	3	3	2	2	1	2	4	3	2	4	7	3	0	-5	-13	-15	-16	-17
27	-14	-12	-10	-9	-8	-6	-4	-0	3	4	7	8	8	7	5	4	4	0	2	3	3	5	4	8
28	9	11	13	12	10	9	11	11	11	11	12	11	15	14	12	12	12	11	7	4	3	7	3	5
29	3	2	4	4	5	4	2	3	6	8	8	17	5	4	2	3	5	8	9	6	7	6	4	1
30	5	3	2	0	-2	-2	-3	-2	1	5	4	5	7	9	8	7	7	11	10	8	4	-5	-9	-12

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	-9	-6	-3	-3	1	1	-1	1	3	2	4	3	7	11	14	10	11	11	7	7	10	7	1	-2
2	-3	-2	-4	-5	-2	0	2	5	8	8	9	9	11	11	12	12	14	15	13	11	8	3	-5	-8
3	-4	2	5	5	5	-0	3	7	10	7	7	7	9	11	11	10	11	10	10	10	7	5	2	1
4	3	3	2	4	6	7	9	12	12	9	9	9	13	11	15	19	18	13	4	5	8	1	-12	-15
5	-13	-6	-2	-5	-1	1	-0	0	-2	2	2	1	-2	-3	-6	-7	-3	-4	-5	2	2	-0	-4	-4
6	-1	3	6	9	8	7	11	12	10	8	8	7	9	12	13	13	13	9	6	4	4	2	1	0
7	2	2	-1	-2	-2	3	8	10	10	8	8	10	8	8	10	9	8	9	11	10	13	14	13	14
8	21	26	32	36	36	37	20	4	-9	-12	-7	-2	-7	-12	-12	-8	-7	-11	-13	-13	-8	-1	-7	-15
9	-21	-37	-46	-52	-57	-61	-61	-79	-76	-54	-53	-47	-54	-56	-52	-44	-38	-38	-39	-39	-40	-38	-40	-38
10	-51	-40	^	-30	-31	-46	-54	-47	-52	-44	-37	-33	-36	-34	-33	-33	-33	-32	-34	-36	-31	-28	-24	-24
11	-19	-21	-22	-23	-27	-27	-25	-21	-19	-20	-19	-18	-18	-19	-20	-16	-6	-5	-13	-20	-15	-8	-6	-20
12	-20	-28	-25	-23	-23	-38	-44	-43	-39	-28	-35	-37	-37	-35	-29	-26	-27	-25	-25	-24	-19	-19	-18	-21
13	-19	-19	-16	-14	-11	-11	-9	-6	-5	-5	-8	-10	-12	-10	-9	-10	-9	-7	-9	-8	-5	-5	-8	-7
14	-6	-7	-4	0	2	2	3	6	7	7	7	7	8	7	6	5	1	3	8	6	9	8	7	4
15	1	3	11	14	11	8	9	10	9	10	10	12	14	17	19	27	22	16	15	21	23	14	20	24
16	20	13	9	7	5	4	4	6	8	11	12	11	11	15	19	20	21	18	10	4	5	1	-4	-10
17	-18	-11	-10	-16	-12	-9	-7	-2	-3	-2	-2	1	1	4	7	9	7	6	2	1	-3	-11	-9	-5
18	-2	4	8	6	0	-2	-4	-3	-4	-2	-2	1	3	2	3	6	8	9	10	7	10	13	11	11
19	13	12	10	9	5	-2	0	0	3	6	7	4	4	6	10	15	17	16	16	10	3	-1	-5	-6
20	-9	-9	-3	7	12	10	8	11	14	13	8	5	-1	-3	-2	2	8	6	2	3	3	4	6	6
21	6	-0	-2	-9	-16	-9	-5	-4	-2	1	4	5	2	1	1	1	5	1	1	-4	-9	-11	-9	-11
22	-24	-34	-26	-16	-13	-12	-12	-11	-10	-12	-12	-14	-14	-14	-13	-10	-7	-5	-7	-2	3	3	-3	-6
23	-6	-10	-9	-5	-9	-13	-11	-4	-1	-3	-3	-1	-1	-0	0	-1	-2	-2	-1	-1	-2	-4	-1	-4
24	-3	-10	-10	-9	-8	-7	-0	5	5	-0	-2	-3	-4	-3	-1	0	3	4	5	6	10	11	9	7
25	4	-2	-4	-0	1	2	4	5	5	8	9	10	11	12	11	10	11	9	4	3	2	3	7	10
26	11	10	9	3	-1	1	6	8	5	9	8	7	5	5	7	8	7	11	14	14	9	7	5	1
27	-1	3	4	4	0	2	18	16	9	11	9	10	17	26	29	17	24	20	11	10	9	10	9	9
28	9	11	6	-9	-25	-18	-11	-8	-12	-7	-5	-10	-10	-11	-7	-1	4	6	7	6	1	-7	-9	-6
29	-7	-9	-7	-7	-6	-10	-9	-7	-6	-2	3	4	5	4	4	5	9	10	11	13	13	13	13	14
30	12	9	11	15	12	6	5	1	5	6	8	7	5	4	7	5	8	9	10	11	10	12	16	16
31	13	10	11	12	10	9	6	5	7	7	5	4	9	11	12	14	14	12	9	6	7	4	-0	7

AUGUST 1966

UNIT=GAMMAS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	G. M. T.	
DAY																								23	24
1	27	31	28	25	18	7	6	9	7	9	9	9	10	12	14	19	20	18	14	11	8	4	9	10	
2	10	14	13	11	10	8	7	8	9	9	9	6	4	3	5	8	10	12	8	4	2	1	3	8	
3	14	15	15	19	20	16	14	16	19	19	14	17	19	19	1	-1	-0	3	2	1	-2	-5	-6	-9	
4	-11	-9	-2	3	3	5	8	8	4	3	3	10	15	10	5	-2	-2	0	3	2	1	-4	-2	-9	
5	-13	-11	-1	1	0	-3	2	2	-1	3	6	1	-2	-5	-5	-6	-8	-7	-4	-3	-4	-5	-8	-6	
6	-2	-4	-8	-10	-12	-12	-7	-3	-1	1	-0	0	1	2	-1	-4	-3	-2	-1	2	4	4	4	1	
7	-10	-12	-15	-12	-7	-1	2	1	2	1	1	-1	-1	2	2	4	4	4	4	5	6	4	5	5	
8	6	3	3	6	10	9	9	12	17	15	14	13	12	9	7	6	7	12	14	13	13	17	18	19	
9	14	10	16	18	16	8	8	12	10	11	12	15	12	9	4	3	10	13	14	5	4	13	16	15	
10	10	8	4	8	2	-5	-4	-0	7	6	4	2	1	1	3	2	3	8	10	9	7	5	8	14	
11	17	14	11	5	-3	-13	-19	-12	-6	-2	1	2	5	3	2	-0	4	5	0	-0	2	-6	-13	-14	
12	-13	-17	-17	-22	-15	-12	-9	-16	-23	-21	-14	-13	-11	-15	-14	-14	-9	-9	-5	2	12	14	11	12	
13	9	1	-12	-17	-12	-6	-7	-9	-7	-4	-1	-2	-1	-0	1	-0	-2	-2	-1	2	4	6	9	2	
14	-10	-18	-17	-19	-23	-28	-29	-29	-24	-21	-16	-13	-10	-7	-3	-2	-1	6	15	13	7	7	10	10	
15	9	5	3	3	4	2	2	2	1	2	5	0	1	2	0	1	2	9	15	16	15	15	15	14	
16	10	3	0	0	2	3	1	-2	0	3	6	7	7	9	9	7	7	8	6	6	6	3	4	4	
17	9	11	11	8	7	9	9	9	10	10	12	13	15	15	17	12	10	10	11	15	17	14	13	12	
18	11	10	12	16	20	21	21	23	23	15	9	1	6	17	20	17	13	8	-4	-6	-5	3	5	5	
19	3	-1	-3	-24	-25	-10	-4	-2	-2	-5	-11	-25	-28	-19	-20	-21	-25	-25	-24	-20	-11	-6	-7	-8	
20	-7	-4	-7	-6	-5	-5	-6	-16	-20	-16	-13	-11	-12	-13	-13	-14	-14	-12	-8	-4	-2	-4	-5	-10	
21	-7	-3	-0	5	1	-2	0	2	4	4	2	-1	-2	-3	-6	-9	-10	-7	-3	2	7	12	12	7	
22	5	1	-3	-4	1	4	4	6	7	7	8	9	10	10	10	8	5	3	8	10	14	16	13	15	
23	14	13	16	17	13	14	18	25	23	3	2	5	7	4	-0	-4	-7	-5	-12	-11	-7	-7	-8	-14	
24	-14	-22	-12	-10	-6	-2	0	1	3	5	4	0	-4	-2	-2	-5	-6	-5	-4	-6	-9	-9	-8	-8	
25	0	-0	-1	-1	3	5	4	5	1	-3	-3	-1	3	1	1	3	4	2	1	2	2	3	7	7	
26	7	9	3	-1	-1	-2	-4	-2	-2	1	4	5	5	4	2	0	1	1	-2	2	1	1	2	3	
27	3	2	1	-1	0	-2	1	3	3	8	7	7	8	12	13	9	12	9	10	10	11	9	6	5	
28	5	4	4	5	6	7	8	6	7	8	8	7	6	7	6	8	9	11	14	14	14	13	9	6	
29	6	3	5	10	12	14	13	12	11	11	9	9	11	30	33	30	28	28	24	21	25	18	-10	-33	
30	-56	-64	-67	-59	-62	-54	-54	-50	-41	-34	-30	-16	-7	9	15	12	15	10	-5	-23	-32	-57	-99	-111	
31	-98	-84	-83	-70	-66	-59	-58	-59	-58	-56	-55	-53	-47	-40	-33	-34	-34	-23	-13	-16	-21	-28	-33	-32	

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	-32	-30	-31	-32	-31	-30	-25	-29	-34	-32	-31	-29	-18	-16	-12	-14	-17	-25	-29	-30	-31	-38	-35	-28
2	-32	-39	-38	-34	-28	-28	-27	-27	-23	-19	-20	-19	-20	-9	-10	-12	-9	-1	1	-0	3	2	-3	-7
3	-5	2	1	8	8	-2	-4	-6	-31	-53	-66	-62	-48	-41	-50	-60	-68	-73	-74	-81	-91	-114	-172	-195
4	-209	-208	-229	-222	-193	-208	-195	-170	-162	-155	-140	-133	-120	-113	-115	-111	-106	-107	-107	-100	-93	-90	-84	-79
5	-78	-80	-85	-82	-78	-73	-73	-70	-64	-62	-57	-54	-59	-49	-63	-63	-53	-57	-60	-60	-58	-56	-43	-39
6	-39	-35	-49	-55	-63	-49	-54	-48	-54	-50	-45	-46	-49	-52	-49	-44	-45	-41	-41	-40	-38	-38	-32	-31
7	-33	-39	-41	-41	-40	-34	-27	-26	-29	-26	-26	-29	-31	-25	-31	-33	-34	-35	-37	-40	-42	-42	-33	-28
8	-28	-31	-35	-51	-48	-47	-44	-47	-61	-64	-60	-65	-50	-56	-55	-57	-57	-56	-62	-62	-60	-54	-49	-50
9	-43	-42	-42	-42	-37	-35	-39	-45	-43	-41	-40	-43	-43	-41	-38	-41	-38	-34	-33	-32	-30	-31	-30	-32
10	-36	-46	-52	-55	-42	-43	-42	-37	-33	-35	-34	-35	-35	-31	-30	-34	-35	-31	-27	-23	-20	-18	-20	-26
11	-22	-19	-18	-19	-18	-22	-20	-21	-22	-20	-19	-19	-20	-22	-24	-26	-23	-24	-24	-22	-21	-21	-21	-19
12	-16	-16	-16	-15	-15	-15	-15	-17	-18	-20	-20	-14	-15	-17	-16	-17	-21	-22	-24	-18	-15	-18	-19	-15
13	-11	-12	-14	-16	-23	-21	-20	-18	-15	-15	-15	-16	-15	-14	-16	-18	-17	-16	-18	-19	-17	-13	-8	-8
14	-7	-3	-2	1	1	-0	-4	-7	-5	-5	-4	-2	3	7	10	17	4	-2	9	1	-4	4	0	-4
15	-18	-7	-3	-7	-13	-13	-12	-15	-21	-22	-24	-24	-19	-15	-11	-15	-17	-20	-17	-18	-34	-33	-39	-45
16	-40	-37	-27	-18	-18	-15	-11	-9	-11	-14	-16	-17	-20	-17	-17	-16	-13	-14	-14	-14	-13	-8	-7	-8
17	-17	-18	-28	-34	-25	-20	-17	-14	-15	-17	-18	-15	-8	-8	-7	-7	-5	-2	0	-2	-3	-4	-9	-11
18	-11	-8	-8	-8	-7	-6	-5	-5	-5	-9	-14	-14	-15	-13	-7	-2	3	6	7	7	4	1	2	1
19	-5	-8	0	10	-3	-4	0	2	-2	-1	1	3	2	-1	-5	-4	-5	-3	-3	-5	-7	-4	-3	-17
20	-18	-16	-16	-10	-4	-1	-1	1	-9	-11	-10	-10	-4	-12	-25	-22	-14	-12	-14	-19	-18	-17	-16	-14
21	-14	-15	-22	-27	-24	-15	-7	-7	-10	-12	-11	-11	-10	-6	-7	-6	-5	-7	-13	-16	-15	-11	-12	-14
22	-17	-17	-16	-14	-13	-8	-7	-7	-8	-9	-10	-9	-7	-9	-7	-4	-0	-1	-6	-7	-11	-4	-1	-4
23	-10	-12	-11	-13	-13	-6	-2	-1	-0	22	20	16	14	17	10	9	13	8	-5	-17	-14	-1	-8	-6
24	-6	-8	-5	-0	5	4	6	6	-5	-14	-18	-22	-19	-10	-12	-11	-8	-8	-12	-9	-8	-6	-5	-7
25	-13	-16	-19	-24	-20	-18	-18	-8	-9	-12	-13	-15	-14	-14	-14	-13	-11	-10	-9	-6	-2	-6	-5	4
26	3	-14	-24	-17	-13	-11	-13	-9	-7	-14	-19	-19	-23	-25	-19	-17	-16	-13	-12	-20	-24	-11	-14	-12
27	-3	-6	-12	-16	-14	-19	-21	-15	-22	-19	-9	-11	-4	2	6	-4	-12	-16	-21	-20	-15	-10	-14	-15
28	-15	-10	-15	-36	-52	-41	-27	-22	-20	-22	-19	-19	-18	-14	-20	-27	-23	-24	-23	-22	-19	-14	-23	-22
29	-20	-12	-13	-21	-31	-25	-22	-22	-24	-28	-28	-27	-29	-27	-24	-20	-21	-23	-23	-25	-23	-15	-14	-13
30	-12	-12	-10	-8	-9	-21	-27	-26	-28	-28	-23	-23	-20	-17	-16	-15	-13	-15	-18	-20	-18	-24	-27	-26

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	-27	-28	-31	-30	-28	-27	-23	-20	-23	-24	-24	-23	-19	-22	-20	-17	-15	-15	-15	-13	-11	-9	-7	-8
2	-9	-13	-16	-13	-13	-14	-15	-18	-19	-20	-22	-22	-19	-16	-14	-14	-13	-13	-12	-10	-9	-10	-13	-14
3	-15	-15	-15	-12	-7	-6	-8	-10	-8	-7	-7	-7	-7	-6	-5	-3	-2	1	3	4	6	6	4	2
4	7	3	-9	-17	-18	-17	-20	-19	-19	-17	-11	-8	-8	3	4	4	19	30	42	45	7	-16	-14	-41
5	-48	-69	-64	-70	-63	-56	-66	-64	-61	-62	-58	-52	-41	-40	-38	-39	-39	-39	-33	-31	-36	-29	-31	-33
6	-34	-35	-38	-45	-51	-46	-48	-43	-37	-33	-28	-32	-32	-20	-21	-24	-25	-27	-31	-32	-33	-33	-31	-26
7	-24	-24	-22	-21	-20	-19	-16	-13	-11	-11	-11	-10	-10	-8	-11	-13	-19	-23	-25	-26	-25	-23	-30	-36
8	-30	-29	-28	-30	-26	-22	-17	-17	-19	-20	-21	-24	-23	-18	-17	-18	-16	-18	-16	-14	-13	-13	-14	-14
9	-14	-16	-22	-22	-19	-17	-21	-25	-25	-20	-19	-12	-6	-9	-6	-8	-10	-8	-12	-14	-15	-12	-16	-19
10	-15	-13	-11	-11	-10	-9	-8	-10	-11	-12	-11	-10	-11	-10	-8	-5	-5	-7	-9	-15	-13	-9	-6	-5
11	-4	-3	-4	-5	-6	-5	-3	-4	-5	-5	-5	-5	-6	-4	-2	-4	-5	-4	-4	-8	-9	-7	-9	-9
12	-9	-10	-6	-5	-4	-0	-7	-5	-2	0	-2	-1	2	-2	-0	-1	-7	-6	-8	-10	-7	-1	-11	-13
13	-11	-7	-5	-5	-4	-3	-8	-9	-7	-6	-5	-6	-8	-8	-8	-6	-4	-7	-6	-8	-10	-6	-6	-10
14	-4	-1	-2	-6	-11	-9	-10	-8	-6	-5	-4	-4	-4	-2	-1	1	2	2	2	-1	-2	-1	1	3
15	3	6	2	-3	-6	-8	-10	-10	-8	-6	2	-2	-0	6	11	15	12	6	15	8	-3	-5	-15	-12
16	-6	6	-1	1	-7	-4	-9	-27	-45	-55	-54	-52	-50	-41	-52	-50	-47	-45	-45	-40	-39	-41	-34	-30
17	-32	-26	-23	-26	-27	-27	-26	-24	-24	-23	-21	-20	-17	-16	-14	-12	-14	-19	-20	-18	-17	-14	-14	-19
18	-28	-24	-20	-15	-15	-13	-12	-11	-10	-10	-10	-11	-12	-15	-18	-17	-13	-12	-8	-8	-10	-7	-7	-7
19	-10	-9	-8	-9	-9	-11	-13	-14	-11	-11	-11	-9	-8	-6	-6	-5	-6	-9	-10	-8	-5	-5	-2	-5
20	-6	-5	-2	-2	-4	-5	-2	-3	-5	-5	-6	-3	-2	-3	-4	-4	-3	-1	1	0	-1	-2	-1	-2
21	-1	1	1	1	0	1	1	1	1	1	-0	1	-1	-3	-3	-3	-2	-3	-4	-3	-2	-1	2	3
22	3	1	-0	0	3	4	5	6	6	5	6	6	7	6	4	1	2	1	-2	1	2	-1	1	-2
23	-5	-5	-4	-2	-0	1	4	4	5	6	8	8	8	8	8	14	16	17	19	21	19	18	22	23
24	23	26	25	23	16	14	15	19	22	23	25	27	28	24	18	8	3	1	5	5	-1	-9	-18	-23
25	-17	-15	-24	-21	-19	-20	-22	-25	-19	-19	-19	-17	-17	-4	-7	-6	-5	-4	-7	-9	-12	-13	-14	-17
26	-10	-4	-5	-7	-26	-26	-16	-15	-16	-15	-14	-13	-11	-10	-6	-10	-10	-17	-17	-19	-21	-26	-25	-21
27	-20	-19	-18	-19	-19	-18	-16	-15	-14	-13	-12	-13	-11	-10	-10	-13	-17	-18	-16	-14	-15	-10	-13	-16
28	-13	-10	-11	-12	-13	-11	-10	-11	-11	-11	-10	-10	-9	-7	-5	-5	-6	-7	-6	-7	-8	-10	-8	-7
29	-5	-5	-9	-13	-12	-10	-12	-10	-7	-6	-6	-5	-4	-4	-2	-2	-3	-6	-8	-10	-11	-9	-7	-5
30	-2	11	12	8	5	6	6	4	3	5	7	15	23	28	36	28	9	-7	-8	-11	-13	-21	-21	-4
31	3	-16	-40	-28	-23	-45	-47	-37	-31	-28	-30	-23	-22	-24	-21	-25	-33	-39	-45	-52	-54	-48	-50	-45

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	-39	-34	-36	-41	-37	-41	-44	-41	-40	-46	-46	-33	-28	-23	-26	-24	-32	-39	-36	-33	-29	-30	-30	-28	
2	-28	-30	-29	-25	-25	-27	-24	-23	-20	-19	-19	-19	-14	-14	-15	-14	-18	-19	-24	-16	-15	-11	-16	-17	
3	-16	-14	-17	-21	-25	-24	-24	-26	-19	-21	-19	-22	-21	-18	-18	-19	-18	-16	-16	-17	-19	-21	-20	-18	
4	-17	-17	-16	-18	-18	-18	-22	-20	-21	-18	-16	-13	-11	-10	-11	-10	-13	-13	-13	-18	-21	-16	-12	-7	
5	-7	-7	-5	-9	-14	-20	-22	-22	-27	-29	-28	-26	-24	-22	-25	-24	-24	-22	-23	-23	-21	-13	-10	-9	
6	-9	-7	-11	-16	-20	-21	-21	-19	-16	-13	-15	-18	-21	-16	-16	-17	-21	-24	-27	-27	-25	-21	-19	-18	
7	-14	-11	-15	-23	-26	-25	-22	-22	-19	-16	-14	-17	-16	-14	-13	-11	-9	-8	-8	-5	-5	-0	-2	-6	
8	-9	-12	-23	-30	-33	-30	-20	-18	-17	-13	-12	-8	-8	-8	-9	-9	-7	-9	-12	-11	-6	-1	-0	-1	
9	-4	-7	-6	-4	-4	-4	-4	-2	-3	-3	0	2	4	4	3	2	1	0	-0	2	3	9	12	16	
10	22	21	16	14	8	-2	-13	-11	-8	-4	-4	-4	-10	-9	-10	-9	-11	-11	-12	-15	-16	-15	-10	-4	
11	-4	-1	-4	-10	-15	-17	-16	-13	-11	-11	-15	-12	-11	-11	-11	-11	-11	-12	-12	-12	-11	-6	-2	0	
12	2	2	-8	-14	-17	-14	-11	-12	-10	-11	-8	-6	-8	-9	-9	-8	-8	-9	-10	-14	-12	-5	-4	-4	
13	-3	5	4	2	-3	-4	-5	-5	-7	-11	-11	-9	-7	-9	-11	-12	-11	-11	-11	-9	-7	-8	-5	-1	
14	0	2	0	-1	-4	-3	-1	-2	-2	-2	-3	1	2	1	-2	-1	-1	-2	-3	-4	-4	-4	-4	-6	
15	-5	-4	-0	1	3	3	5	4	5	-1	-4	-1	-2	-2	-5	-4	-3	-5	-7	-7	-5	-4	-7	-9	
16	-9	-11	-14	-18	-19	-18	-20	-24	-27	-29	-22	-12	-12	-13	-14	-12	-10	-10	-10	-6	-10	-11	-12	-13	
17	-1	-9	-8	-9	-9	-5	-0	4	4	-1	-1	3	3	3	1	2	3	12	-2	-16	-21	-16	-20	-17	
18	-14	-12	-10	-8	-4	-2	-0	2	2	2	3	11	15	12	6	5	5	7	5	0	-3	-10	-19	-21	
19	-21	-22	-27	-28	-24	-23	-20	-21	-20	-20	-23	-24	-15	-15	-19	-17	-12	-11	-13	-10	-8	-6	-2	-1	
20	-2	-4	-8	-4	-5	-4	-1	1	-0	-2	-2	-1	3	4	0	0	1	-5	-8	-11	-10	-19	-24	-25	
21	-22	-21	-20	-19	-18	-14	-10	-11	-11	-9	-10	-7	-6	-6	-9	-9	-10	-8	-7	-6	-7	-9	-11	-16	
22	-16	-16	-14	-15	-12	-6	-1	1	2	1	1	0	-3	-4	-6	-6	-4	-5	-5	-5	-4	-2	-2	-4	
23	-3	0	4	5	6	9	9	8	8	6	1	-2	-2	-3	-4	-1	2	3	3	2	4	3	3	4	
24	3	3	3	1	-5	-10	-14	-17	-19	-17	-19	-16	-12	-11	-8	-5	-6	-6	-9	-12	-10	-8	-7	-4	
25	-5	-5	-1	3	6	6	6	3	5	6	3	5	5	6	14	14	12	13	16	18	14	6	2	4	
26	-7	0	1	-1	-0	8	3	3	3	9	0	2	2	-2	-2	-4	-1	-1	-5	-7	-9	-8	-8	-7	
27	-6	-4	-2	1	7	12	11	9	8	1	-2	-5	-7	-5	-2	-1	-3	-2	-4	-2	2	-2	2	-1	
28	-4	-5	-5	-5	-7	-6	-5	-5	1	2	0	-6	-10	-18	-17	-13	-16	-15	-28	-31	-26	-22	-15	-22	
29	-37	-27	-17	-14	-19	-19	-19	-19	-20	-21	-27	-24	-23	-24	-24	-20	-20	-19	-15	-13	-11	-9	-9	-6	
30	-6	-6	-7	-7	-5	-11	-13	-18	-21	-28	-30	-30	-24	-27	-27	-24	-29	-30	-31	-30	-31	-38	-40	-31	

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	-29	-31	-33	-33	-28	-36	-34	-29	-20	-22	-22	-22	-24	-19	-21	-22	-22	-20	-20	-23	-28	-26	-24	-24
2	-26	-26	-23	-20	-16	-12	-9	-9	-8	-9	-15	-12	-8	-9	-9	-8	-11	-11	-15	-15	-15	-16	-19	-18
3	-20	-19	-16	-10	-5	-2	-1	0	2	1	1	2	1	0	1	1	-1	-1	-1	0	1	3	-1	-4
4	-5	-4	-1	2	10	16	14	2	-1	-4	-5	-2	-11	-20	-26	-23	-22	-23	-23	-26	-33	-36	-36	-34
5	-36	-38	-35	-28	-26	-22	-16	-19	-24	-16	-17	-13	-13	-14	-13	-12	-13	-14	-22	-36	-44	-42	-44	-47
6	-49	-51	-52	-41	-34	-31	-28	-24	-22	-24	-24	-22	-20	-18	-14	-16	-19	-19	-20	-20	-20	-21	-21	-19
7	-20	-22	-21	-17	-14	-13	-12	-10	-9	-10	-9	-9	-8	-7	-6	-6	-8	-8	-9	-10	-12	-9	-10	-8
8	-6	-8	-10	-10	-8	-6	-5	-2	-2	-3	-6	-7	-8	-7	-5	-3	-2	-1	2	3	1	0	-3	-5
9	-8	-11	-10	-6	-4	-2	-2	-1	1	1	-1	0	1	-1	-2	-3	-1	2	4	7	8	8	8	9
10	5	4	0	-1	0	0	2	5	6	3	3	4	5	3	6	11	12	11	10	10	7	10	12	12
11	7	-1	-8	-6	-1	5	6	5	7	7	6	7	7	6	6	7	5	7	7	3	3	2	2	2
12	1	-1	0	5	7	8	8	8	10	9	8	10	12	11	9	9	7	6	4	3	5	6	7	10
13	16	25	40	22	-10	-16	-19	-17	-7	-8	-8	-10	-15	-10	-12	-19	-16	-26	-31	-28	-25	-22	-18	-18
14	-20	-18	-12	-10	-17	-17	-13	-13	-6	-5	-10	-14	-6	-10	-24	-58	-74	-85	-92	-95	-84	-86	-82	-79
15	-81	-94	-85	-74	-69	-74	-75	-68	-65	-63	-63	-55	-49	-48	-44	-31	-38	-41	-39	-39	-43	-45	-43	-44
16	-45	-46	-42	-40	-40	-41	-37	-36	-37	-39	-41	-37	-35	-34	-30	-26	-20	-11	-2	-3	-10	-18	-24	-28
17	-32	-36	-32	-26	-21	-20	-16	-11	-14	-15	-17	-18	-16	-16	-16	-12	-13	-17	-16	-12	-15	-20	-32	-29
18	-26	-25	-26	-23	-23	-20	-14	-16	-18	-17	-19	-20	-18	-17	-16	-15	-16	-13	-13	-12	-15	-20	-20	-23
19	-26	-28	-29	-27	-22	-20	-17	-14	-12	-11	-13	-14	-13	-13	-12	-16	-18	-16	-12	-12	-15	-21	-23	-23
20	-23	-22	-22	-19	-14	-10	-7	-6	-4	-4	-5	-7	-8	-8	-10	-9	-10	-9	-6	-11	-23	-26	-26	-28
21	-29	-34	-32	-28	-26	-23	-23	-19	-16	-18	-20	-21	-19	-14	-15	-11	-12	-15	-17	-20	-23	-25	-28	-28
22	-26	-26	-29	-26	-19	-9	-9	-10	-6	-4	-6	-8	-17	-18	-8	4	-5	-10	-11	-11	-20	-33	-39	-39
23	-36	-35	-33	-28	-23	-19	-15	-11	-10	-10	-13	-19	-17	-17	-16	-10	-9	-7	0	6	1	-4	-13	-10
24	-20	-22	-22	-15	-6	-17	-31	-34	-29	-34	-25	-24	-23	-20	-16	-13	-10	-10	-12	-13	-14	-15	-15	-17
25	-18	-17	-14	-11	-13	-11	-18	-22	-24	-23	-14	-11	-14	-13	-16	-14	-15	-17	-12	-3	4	3	2	-6
26	-10	-22	-27	-19	-17	-19	-25	-29	-29	-26	-19	-24	-25	-26	-20	-12	-19	-19	-17	-14	-21	-27	-40	-34
27	-29	-31	-31	-34	-35	-38	-37	-36	-39	-36	-36	-29	-28	-21	-20	-18	-19	-29	-29	-29	-31	-38	-34	-36
28	-30	-26	-28	-30	-27	-26	-24	-26	-28	-26	-26	-25	-23	-18	-16	-18	-17	-17	-17	-21	-15	-19	-20	-19
29	-14	-15	-15	-16	-20	-20	-20	-20	-17	-14	-14	-14	-14	-13	-14	-13	-11	-10	-9	-10	-11	-11	-14	-14
30	-15	-14	-9	-9	-8	-9	-11	-13	-15	-15	-13	-12	-12	-16	-17	-16	-14	-15	-12	-12	-12	-10	-11	-13
31	-14	-13	-13	-13	-13	-10	-7	-7	-5	-4	-4	-4	-7	-5	-5	-4	-2	1	2	2	3	5	2	-1

DAILY MEANS OF EQUATORIAL DST FOR 1966

NOT REPRODUCIBLE

CAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	5	5	7	1	-10	-38	4	14	-27	-20	-35	-26
2	12	10	14	-15	-16	-16	5	8	-17	-15	-20	-14
3	-2	3	8	-12	-6	-10	6	9	-53	-5	-20	-3
4	3	-6	-2	-9	-19	-6	7	2	-144	-3	-15	-12
5	-5	-11	-3	-4	-7	7	-2	-3	-63	-48	-19	-25
6	4	-10	4	-6	-10	6	7	-2	-45	-34	-18	-26
7	2	-4	7	-15	0	2	8	-0	-33	-19	-13	-11
8	-1	2	14	-8	5	-0	3	11	-52	-20	-13	-4
9	1	8	13	-0	2	3	-48	11	-38	-15	1	-0
10	-3	9	-2	4	12	9	-37	5	-34	-10	-4	6
11	2	1	1	5	15	15	-18	-1	-21	-5	-10	4
12	5	-5	5	14	6	2	-29	-9	-17	-5	-9	7
13	10	-3	1	-12	9	-2	-10	-2	-16	-7	-6	-10
14	11	2	-76	-18	12	-3	4	-8	0	-3	-2	-39
15	6	9	-25	-8	14	6	14	6	-19	-0	-2	-57
16	7	0	-14	5	13	4	9	5	-16	-32	-15	-30
17	11	11	-4	6	5	9	-3	12	-13	-21	-4	-20
18	19	9	-3	3	3	12	4	11	-4	-13	-1	-19
19	5	4	0	11	5	19	6	-13	-3	-8	-17	-18
20	-2	-18	-7	2	5	5	4	-9	-12	-3	-5	-13
21	-10	-9	-5	-0	11	5	-3	0	-12	-1	-12	-22
22	-9	-7	5	-2	14	6	-11	7	-8	3	-5	-16
23	-17	-28	-43	-5	12	4	-4	4	0	9	3	-15
24	-7	-14	-47	-1	19	16	0	-5	-7	12	-9	-19
25	-5	-8	-7	2	15	-13	6	2	-12	-15	7	-12
26	-8	-4	-5	8	-27	-1	7	2	-15	-15	-1	-23
27	-8	1	-13	13	-56	1	12	6	-12	-15	0	-31
28	7	3	-24	12	-31	10	-4	8	-23	-9	-12	-23
29	7		-30	-2	-23	5	2	13	-22	-7	-19	-14
30	5		-17	-9	-14	3	9	-36	-19	5	-23	-13
31	1		-12		-36		9	-48		-33		-5
MEAN	1	-2	-8	-1	-3	2	-1	-0	-25	-11	-10	-16

ANNUAL MEAN

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	5	9	-2	-2	3	2	2	-1	-1	-1	-2	1	-5	-12	-15	-13	-5	-10	-13	-15	-12	-20	-16	-19		
2	-20	-20	-21	-23	-26	-21	-20	-20	-20	-18	-18	-17	-13	-12	-12	-10	-11	-14	-14	-15	-20	-23	-23	-19		
3	-18	-18	-15	-13	-13	-15	-15	-10	-6	-8	-12	-10	-12	-12	-14	-15	-13	-19	-16	-14	-15	-18	-20	-18		
4	-15	-15	-14	-13	-14	-12	-9	-8	-7	-7	-8	-7	-4	-3	-1	-0	-0	-2	-7	-9	-11	-13	-17	-18		
5	-16	-15	-10	-7	-6	-6	-5	-4	-3	-4	-6	-3	-1	-0	-1	-2	-6	-6	-6	-7	-9	-7	-5	-9		
6	-8	-6	-3	2	2	3	4	10	7	10	15	20	22	20	16	15	15	16	10	-0	2	4	5	5		
7	5	6	10	7	6	5	3	2	6	-11	-14	-7	-2	5	-21	-29	-32	-32	-18	-26	-39	-32	-27	-27		
8	-37	-55	-73	-107	-134	-143	-134	-126	-139	-140	-114	-105	-105	-103	-100	-106	-107	-97	-94	-90	-93	-95	-91	-84		
9	-76	-68	-69	-68	-71	-68	-64	-57	-51	-46	-39	-33	-26	-25	-30	-26	-29	-28	-23	-23	-25	-30	-32	-36		
10	-40	-37	-36	-36	-34	-34	-33	-33	-31	-30	-30	-29	-27	-27	-25	-24	-22	-24	-24	-25	-30	-35	-33	-26		
11	-40	-43	-37	-32	-29	-21	-24	-28	-24	-22	-24	-23	-21	-9	-10	-15	-15	-7	-6	-12	-28	-33	-37	-38		
12	-37	-33	-28	-26	-26	-27	-29	-29	-25	-24	-24	-23	-22	-22	-17	-16	-19	-20	-15	-6	-5	-3	-2	2		
13	2	0	5	15	12	9	7	7	2	-11	-7	-5	25	3	-18	-9	-5	3	3	-4	-17	-34	-59	-95		
14	-122	-145	-162	-167	-170	-176	-170	-160	-151	-143	-129	-121	-114	-108	-99	-91	-82	-76	-69	-67	-69	-69	-67	-70		
15	-72	-67	-56	-50	-50	-51	-54	-53	-50	-50	-52	-49	-49	-49	-50	-54	-53	-52	-49	-45	-49	-54	-54	-53		
16	-51	-45	-43	-39	-40	-42	-42	-43	-44	-45	-48	-41	-36	-37	-33	-35	-35	-33	-30	-30	-34	-37	-39	-40		
17	-40	-36	-34	-30	-32	-33	-33	-32	-30	-26	-26	-24	-24	-24	-25	-25	-22	-20	-13	-10	-10	-14	-20	-24		
18	-28	-26	-18	-14	-11	-10	-12	-11	-10	-7	-4	-3	-4	-5	-13	-16	-18	-18	-21	-16	-17	-18	-22	-29		
19	-30	-26	-20	-17	-17	-17	-17	-15	-15	-13	-10	-7	-6	-7	-8	-11	-7	-5	-5	-7	-12	-18	-21	-23		
20	-23	-24	-27	-28	-24	-17	-11	-10	-14	-15	-20	-23	-28	-37	-45	-49	-49	-45	-42	-41	-41	-38	-37	-34		
21	-40	-41	-41	-40	-43	-45	-43	-40	-39	-34	-29	-27	-26	-24	-24	-22	-24	-24	-25	-25	-25	-26	-29	-31		
22	-33	-31	-22	-16	-16	-16	-15	-13	-9	-6	-5	-5	-8	-10	-11	-9	-9	-12	-15	-18	-20	-19	-19	-19		
23	-15	-11	-10	-7	-6	-8	-11	-12	-8	-6	-1	0	2	2	1	3	0	-3	-4	-4	-3	-4	-10	-14		
24	-12	-9	-8	-6	-5	-3	-3	-3	-3	-3	-3	-2	-2	-3	-3	-2	-2	-4	-1	-1	-3	-0	1	2		
25	14	18	19	16	16	17	15	10	9	2	-4	-6	-9	-10	-8	-6	-7	-5	-3	-3	-2	6	13	10		
26	3	5	8	15	7	2	-3	-6	-4	-1	-4	-4	-4	-7	-7	-6	-3	-1	0	1	-1	1	-1	-3		
27	-3	-1	1	4	5	6	7	8	9	11	13	17	21	20	20	18	22	24	21	17	13	11	10	8		
28	5	3	4	0	-9	-20	-30	-34	-29	-25	-20	-15	-12	-11	-11	-7	-6	-7	-8	-12	-8	-5	-3	-1		
29	-2	-3	-3	-0	0	1	1	-1	-3	1	-1	0	0	0	-2	-1	-1	-2	-2	-5	-6	-4	-3	-7		
30	-12	-12	-10	-8	-6	-3	-2	-4	-4	-1	-2	-4	-6	-8	-8	-7	-7	-7	-5	-5	-5	-0	1	-3		
31	-6	-7	-8	-7	-4	-0	1	0	-0	1	1	2	3	2	3	5	5	3	-1	-0	3	6	6	2		

FEBRUARY 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	-4	-7	-12	-14	-16	-16	-14	-13	-13	-8	-7	-5	-4	-3	0	3	2	1	-1	-1	3	4	1	-1
2	-4	-7	-5	-3	-4	-1	3	3	3	5	7	6	3	-1	-3	-5	-5	-6	-8	-8	-7	-4	-2	-6
3	-11	-14	-14	-11	-8	-5	-1	1	0	-1	-2	1	3	5	8	11	13	15	17	16	17	16	12	13
4	11	12	12	11	9	7	4	3	4	4	4	5	7	6	5	11	3	0	2	-5	-7	-8	-21	-27
5	-37	-31	-31	-21	-24	-26	-20	-16	-15	-11	-8	-3	1	-6	-6	-8	-8	-5	-7	-7	-14	-14	-13	-14
6	-15	-14	-14	-17	-17	-14	-12	-9	-5	-4	-4	-5	-7	-9	-8	-5	-5	-6	-6	-4	-0	-2	-5	-3
7	4	9	12	10	7	7	4	5	5	6	8	8	8	9	15	13	12	11	-8	-24	-47	-96	-120	-121
8	-105	-98	-106	-91	-90	-73	-73	-80	-95	-95	-90	-72	-76	-72	-53	-54	-47	-43	-29	-21	-43	-50	-47	-45
9	-37	-36	-36	-36	-38	-38	-40	-42	-42	-42	-40	-41	-41	-39	-35	-34	-35	-37	-35	-35	-39	-38	-37	-37
10	-36	-33	-32	-29	-27	-27	-27	-26	-26	-26	-25	-24	-23	-21	-20	-21	-20	-19	-18	-18	-18	-16	-12	-14
11	-16	-17	-19	-20	-18	-21	-31	-34	-34	-29	-22	-21	-23	-23	-18	-14	-11	-14	-12	-11	-14	-15	-13	-14
12	-12	-8	-6	-7	-8	-6	-4	-1	-2	-5	-4	-4	-5	-7	-8	-10	-10	-6	-8	-8	-6	-5	-5	-3
13	-3	-3	-3	-2	-1	-0	-0	-1	-0	-2	-3	-3	-2	-2	-2	-4	-8	-8	-9	-13	-19	-23	-20	-18
14	-17	-16	-16	-17	-19	-19	-16	-15	-17	-15	-13	-11	-8	-10	-9	-7	-9	-11	-10	-13	-15	-15	-13	-12
15	-11	-11	-11	-8	-6	-5	-5	-2	-1	-2	-3	-2	1	0	1	2	-1	-5	-4	-5	-7	-9	-6	4
16	30	38	22	24	27	25	23	14	23	-6	-69	-94	-100	-120	-111	-114	-113	-112	-109	-98	-96	-100	-99	-96
17	-92	-84	-77	-64	-66	-64	-62	-57	-54	-53	-55	-45	-48	-48	-47	-49	-50	-53	-57	-57	-54	-56	-50	-48
18	-45	-42	-38	-38	-40	-38	-40	-41	-40	-39	-35	-32	-29	-30	-29	-27	-28	-30	-30	-31	-32	-31	-29	-29
19	-27	-24	-22	-21	-23	-23	-23	-22	-20	-23	-26	-25	-19	-7	-9	-8	-11	-20	-27	-27	-26	-26	-25	-23
20	-18	-15	-13	-14	-12	-13	-10	-10	-10	-12	-11	-11	-9	-10	-9	-9	-7	-12	-12	-15	-19	-26	-25	-23
21	-17	-12	-9	-5	-1	0	-0	0	2	0	-1	-2	-5	-8	-12	-16	-13	-18	-21	-23	-31	-36	-37	-32
22	-28	-22	-18	-15	-13	-11	-14	-17	-18	-19	-20	-20	-19	-18	-10	-10	-12	-16	-16	-13	-11	-10	-8	-8
23	-8	-11	-14	-5	-3	-5	-4	-1	0	0	-2	8	4	-14	-26	-40	-50	-54	-60	-60	-58	-54	-51	-48
24	-44	-38	-34	-30	-27	-26	-29	-29	-31	-30	-28	-25	-23	-22	-22	-21	-19	-20	-23	-20	-17	-18	-17	-13
25	-5	5	10	8	-5	-26	-30	-26	-24	-18	-15	-15	-11	-7	-4	-5	-9	-12	-17	-11	-13	-11	-14	-17
26	-26	-33	-32	-28	-24	-22	-25	-24	-23	-21	-22	-20	-20	-20	-22	-23	-22	-22	-19	-15	-12	-10	-9	-8
27	-5	-3	-5	-8	-11	-12	-15	-15	-12	-11	-13	-13	-12	-12	-14	-13	-13	-11	-10	-8	-6	-3	-1	-1
28	-0	-1	-3	-5	-7	-8	-8	-7	-7	-8	-6	-3	-2	1	5	6	6	5	5	7	8	12	14	14

MARCH 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	13	8	-2	-9	-13	-9	-3	-3	-4	-6	-7	-7	-10	-11	-4	-1	2	3	3	1	-2	-1	-3	-6
2	-4	-2	-4	-4	-1	1	2	4	3	0	-3	-7	-9	-11	-12	-12	-9	-10	-9	-7	-9	-7	-3	-0
3	2	2	1	0	-1	3	6	8	11	10	5	-1	1	2	9	11	8	6	6	6	3	2	6	6
4	5	-3	-7	-8	-6	-4	-2	-3	2	5	5	6	8	10	7	4	4	5	10	9	5	7	7	4
5	2	2	5	1	-7	-13	-12	-8	-7	-7	-8	-6	-4	-5	-1	-2	-9	-12	-14	-13	-11	-12	-15	-8
6	-8	-7	-8	-9	-9	-12	-13	-13	-9	-7	-7	-7	-9	-11	-8	-6	-5	-8	-6	-7	-10	-6	-1	2
7	4	7	8	6	6	5	2	0	-2	-3	-0	2	1	6	8	9	7	7	9	6	0	-1	0	2
8	2	1	0	1	5	6	4	2	4	5	5	8	8	6	6	6	4	3	7	7	3	7	8	8
9	12	11	8	7	7	6	6	6	5	-2	1	-1	-5	-5	-10	-9	-4	-7	-12	-13	-17	-21	-17	-12
10	-18	-22	-15	-18	-18	-20	-21	-19	-16	-15	-15	-18	-17	-12	-7	-6	-7	-8	-9	-9	-9	-8	-3	-0
11	3	6	9	7	4	4	1	-0	-1	1	1	-0	1	-1	-1	0	1	-0	-2	-2	-3	-3	-5	-5
12	-3	1	3	4	3	4	3	0	0	-1	-5	-4	-3	-2	1	3	4	5	5	6	3	3	4	6
13	10	10	8	5	4	5	3	4	7	6	0	-3	-2	2	3	1	1	-1	-5	-7	-8	-5	-4	-4
14	-4	1	3	1	-3	-2	-1	-1	-2	-3	-4	-3	-1	-0	-0	2	3	1	-0	1	-2	-2	-1	-5
15	-5	-3	-1	1	0	1	2	3	5	4	4	4	4	3	4	5	3	3	4	6	14	15	13	13
16	10	10	10	9	10	12	12	13	14	16	18	16	16	18	17	18	19	20	21	20	19	20	13	13
17	13	15	12	16	13	16	12	12	14	15	15	14	12	12	14	14	16	20	19	19	16	14	15	16
18	15	11	13	9	4	1	-4	-8	-12	-8	-2	-3	-14	-19	-16	-7	-9	-6	-7	-9	-9	-8	-4	-4
19	-17	-19	-24	-23	-29	-38	-41	-32	-24	-20	-19	-16	-15	-8	-8	-10	-18	-25	-27	-28	-28	-37	-41	-30
20	-32	-41	-41	-35	-37	-39	-38	-34	-34	-37	-35	-32	-27	-25	-24	-20	-17	-18	-21	-25	-30	-26	-28	-27
21	-29	-32	-36	-32	-25	-23	-22	-20	-19	-16	-16	-20	-22	-17	-14	-11	-8	-9	-10	-17	-21	-24	-24	-22
22	-24	-29	-28	-27	-28	-24	-25	-23	-19	-17	-17	-15	-14	-11	-8	-7	-7	-8	-6	-8	-7	-5	-5	-2
23	2	1	-0	-1	-1	2	3	4	5	7	8	12	12	8	8	8	5	5	1	-5	-6	-8	-6	1
24	1	-4	-8	-6	-5	-4	-4	-3	-1	1	4	7	10	6	6	11	12	10	8	6	4	8	10	13
25	13	14	12	6	4	-2	-3	-0	3	6	6	4	6	9	10	11	12	9	4	1	3	6	10	10
26	8	7	8	9	11	11	10	8	8	8	8	5	8	10	12	16	20	19	14	14	18	26	31	25
27	18	15	9	-2	-11	-8	-2	-2	-5	-1	4	5	-6	-7	-11	-5	-4	-1	-2	-2	-4	1	7	9
28	8	2	-5	-5	-6	-10	-13	-14	-12	-15	-20	-17	-14	-15	-11	-7	-10	-11	-11	-11	-9	-5	-4	-4
29	-5	-6	-8	-6	-4	-2	-6	-4	-1	-1	-5	-4	-6	-8	-8	-4	-3	2	-0	-2	-0	4	7	6
30	4	5	-0	-8	-7	-5	-4	-5	-4	8	9	5	1	-3	-2	1	2	2	-1	-4	-4	-5	-11	-12
31	-17	-18	-15	-13	-12	-12	-11	-8	-5	-5	-4	-4	-4	-4	-4	-4	-2	-2	-4	-6	-4	-0	1	-1

APRIL 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	-6	-11	-14	-13	-6	-2	1	1	16	6	-3	-3	-4	3	11	11	13	12	13	8	-9	-21	-21	-16
2	-19	-23	-24	-23	-19	-13	-11	-10	-11	-9	-10	-15	-11	-8	-5	-5	-7	-8	-10	-16	-22	-21	-21	-19
3	-20	-24	-23	-16	-9	-8	-7	-7	-4	-5	-3	-1	1	3	4	4	3	5	3	2	5	7	8	10
4	9	6	3	27	23	11	-1	2	2	-0	5	9	18	-3	-2	-11	-15	-13	-12	-17	-14	-9	-9	-10
5	-12	-15	-20	-21	-21	-18	-22	-25	-16	-15	-11	-16	-19	-17	-11	-11	-11	-11	-11	-9	-11	-10	-8	-8
6	-12	-16	-19	-14	-18	-19	-18	-18	-18	-17	-9	-8	-10	-3	-6	-1	-2	1	-0	-7	-8	-6	-4	-4
7	-10	-16	-19	-21	-16	-13	-11	-9	-8	-4	-1	-1	0	3	5	8	6	4	1	-3	0	-0	2	4
8	3	-2	-5	-8	-13	-12	-9	-9	-6	-4	-5	-6	-8	-7	-4	-4	-3	0	-2	-4	-9	-7	-3	-6
9	-10	-12	-15	-13	-9	-4	-2	1	3	2	-3	-7	-9	-5	0	2	2	2	1	2	0	-4	-2	1
10	3	1	-4	-8	-2	1	0	1	3	6	10	10	5	2	6	8	8	7	2	-2	-5	-11	-6	-1
11	-3	-6	-6	-5	-3	-1	0	2	3	3	4	1	-2	-5	-1	2	9	8	4	-4	-3	-2	-6	-9
12	-13	-18	-17	-10	-6	0	-2	-3	-3	-2	1	0	-3	-1	2	2	3	5	5	1	0	-2	-0	2
13	1	-2	-4	-2	3	6	5	4	5	6	7	5	4	3	4	5	7	10	11	10	6	7	9	10
14	10	10	11	14	17	16	14	19	21	19	17	18	19	19	20	21	19	17	15	16	20	20	19	18
15	18	19	15	12	12	12	10	9	8	8	9	8	7	11	8	8	16	20	15	13	14	17	17	20
16	14	8	5	5	5	-1	-6	-7	2	4	5	6	2	-0	3	3	0	-5	-10	-11	-12	-4	2	2
17	-7	-21	-28	-23	-24	-22	-14	-9	-9	-13	-14	-16	-14	-11	-9	-5	-4	-3	-4	-4	-4	-1	1	0
18	-7	-11	-18	-22	-18	-11	-5	-6	-7	-8	-9	-13	-20	-19	-18	-14	-9	-5	-6	-3	0	1	-8	-22
19	-35	-41	-43	-46	-50	-39	-27	-29	-34	-43	-53	-42	-31	-31	-32	-31	-28	-25	-23	-26	-24	-21	-20	-19
20	-17	-22	-26	-28	-25	-22	-20	-21	-21	-21	-20	-17	-16	-9	-7	-9	-10	-13	-13	-13	-13	-13	-8	-8
21	-18	-28	-32	-32	-31	-31	-33	-33	-31	-34	-31	-28	-23	-15	-13	-16	-14	-15	-19	-19	-16	-13	-13	-15
22	-22	-24	-28	-31	-31	-32	-29	-34	-27	-20	-24	-24	-9	-7	-19	-8	-3	-13	-17	-20	-22	-18	-19	-17
23	-17	-21	-15	-8	-4	3	9	13	18	20	24	24	21	22	18	2	-9	-21	-24	-21	-24	-25	-23	-26
24	-31	-40	-53	-40	-35	-41	-34	-33	-27	-20	-18	-22	-25	-19	-22	-24	-23	-24	-29	-25	-26	-28	-23	-24
25	-21	-20	-21	-22	-23	-20	-15	-15	-14	-11	-12	-14	-16	-14	-10	-9	-9	-9	-9	-8	-6	-7	-9	-7
26	-4	-2	-1	-4	-5	-3	-1	-1	-0	0	1	3	1	1	3	3	3	5	5	5	7	7	8	9
27	6	5	3	3	2	3	6	6	6	6	7	8	8	9	9	5	5	6	4	6	10	11	9	8
28	9	11	11	13	11	10	11	9	6	7	8	10	10	11	13	13	11	11	11	10	10	7	4	3
29	2	5	7	10	12	12	11	8	8	9	9	8	6	8	8	8	15	17	19	22	20	19	13	10
30	9	11	17	22	23	21	18	11	7	9	12	15	13	13	12	11	11	12	10	10	13	16	16	15

MAY 1967

DAY	UN IT=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	17	12	8	3	2	4	7	8	9	11	11	11	11	14	10	7	3	2	28	27	18	22	13	
2	16	22	20	17	15	12	3	5	12	6	-5	-15	-12	-11	-10	-1	-12	-3	-4	-12	-16	-19	-29	-38	
3	-53	-62	-86	-107	-130	-119	-97	-96	-101	-103	-93	-97	-81	-89	-105	-112	-108	-103	-95	-96	-85	-90	-88	-84	
4	-78	-70	-72	-74	-64	-59	-60	-58	-57	-46	-45	-46	-45	-40	-40	-44	-47	-46	-47	-44	-46	-46	-47	-42	
5	-40	-47	-48	-48	-49	-48	-49	-48	-42	-37	-35	-34	-35	-35	-35	-36	-35	-33	-31	-30	-26	-25	-26	-32	
6	-26	-19	-18	-19	-20	-18	-23	-25	-24	-23	-25	-30	-30	-27	-23	-17	-17	-18	-20	-19	-18	-20	-22	-24	
7	-23	-10	-16	-27	-34	-43	-47	-40	-38	-31	-28	-28	-26	-20	-17	-15	-16	-16	-13	-10	-11	-12	-13	-11	
8	-10	-10	-9	-12	-15	-11	-8	-9	-9	-14	-14	-18	-17	-18	-21	-21	-19	-20	-23	-22	-19	-16	-16	-15	
9	-13	-13	-10	-9	-10	-10	-12	-14	-14	-10	-10	-12	-13	-15	-13	-15	-15	-11	-9	-7	-3	2	0	-2	
10	-1	6	4	4	2	0	0	1	1	2	-1	-6	-10	-8	-9	-11	-8	-4	-2	-2	-0	-1	-2	-2	
11	8	3	-4	-9	-8	-13	-13	-10	-7	-6	-5	-7	-7	-6	-7	-6	-3	1	2	5	7	3	-11	-10	
12	-7	-3	-8	-18	-16	-6	-3	-3	-2	-1	-2	-0	0	1	-1	-2	-3	-3	1	0	-1	-3	-5	-0	
13	-2	5	-0	-16	-26	-21	-16	-16	-14	-12	-11	-11	-11	-13	-15	-16	-16	-16	-18	-15	-15	-19	-22	-17	
14	-13	-8	-4	-3	-4	-6	-7	-7	-7	-4	0	2	5	7	5	4	-6	-9	-11	-12	-11	-18	-27	-36	
15	-39	-36	-35	-31	-24	-20	-18	-16	-15	-14	-12	-14	-16	-16	-19	-18	-13	-10	-11	-16	-17	-19	-22	-27	
16	-28	-20	-17	-15	-13	-9	-5	-2	-2	-1	1	4	3	5	6	8	8	5	6	5	5	5	3	0	
17	-8	-20	-26	-30	-25	-21	-19	-14	-10	-10	-11	-14	-19	-18	-15	-15	-15	-12	-10	-10	-10	-11	-9	-8	
18	-8	-5	-2	-5	-6	-5	-5	-7	-10	-14	-15	-10	-5	-5	-3	-1	1	1	5	7	9	9	9	13	
19	17	12	-5	-15	-12	-16	-14	-11	-11	-12	-10	-9	-7	-6	-9	-9	-9	-13	-11	-11	-10	-11	-10	-8	
20	-5	-2	1	-0	-2	-1	-5	-6	-6	-8	-8	-7	-3	1	0	-1	-1	-3	-2	-6	-10	-14	-10	-7	
21	-1	2	0	-3	-6	-4	-3	-4	-5	-2	2	3	9	11	11	11	7	1	-2	2	2	0	-1	5	
22	2	-1	-0	3	5	4	3	3	0	2	1	-0	-0	-0	-1	0	3	4	8	9	10	5	4	8	
23	12	16	19	22	26	18	15	15	12	16	19	22	27	31	33	33	30	28	25	19	12	11	15	17	
24	22	21	20	15	12	11	9	7	9	16	17	11	5	7	7	8	11	21	31	19	19	19	13	14	
25	18	24	26	25	23	20	21	20	16	13	27	27	57	34	-32	-33	-23	-19	-37	-34	-60	-141	-240	-324	
26	-350	-400	-391	-418	-414	-357	-341	-288	-286	-258	-216	-208	-221	-201	-192	-181	-160	-151	-146	-137	-131	-131	-128	-129	
27	-120	-116	-112	-106	-99	-96	-89	-79	-82	-83	-85	-83	-80	-80	-82	-82	-82	-81	-81	-80	-70	-83	-94	-93	
28	-83	-71	-64	-61	-55	-49	-42	-52	-62	-69	-76	-75	-61	-45	-56	-51	-65	-69	-67	-68	-73	-91	-103	-116	
29	-111	-102	-108	-98	-109	-111	-116	-115	-95	-98	-106	-104	-97	-92	-89	-78	-73	-74	-78	-81	-82	-80	-74	-66	
30	-62	-57	-55	-55	-58	-54	-54	-50	-47	-41	-39	-40	-42	-49	-40	-36	-37	-28	-27	-24	-37	-47	-44	-49	
31	-63	-105	-99	-108	-99	-98	-104	-91	-81	-76	-75	-73	-75	-76	-74	-69	-59	-52	-58	-60	-59	-58	-56	-56	

JUNE 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	-56	-55	-56	-60	-58	-54	-53	-54	-54	-56	-53	-53	-53	-51	-49	-48	-46	-45	-47	-48	-50	-48	-42	-39
2	-36	-39	-39	-40	-41	-40	-41	-37	-35	-37	-40	-40	-42	-46	-51	-49	-52	-49	-45	-41	-39	-41	-42	-39
3	-34	-32	-33	-34	-37	-37	-34	-32	-31	-30	-28	-27	-25	-26	-28	-30	-31	-30	-20	-19	-21	-29	-32	-25
4	-24	-20	-19	-19	-18	-15	-13	-17	-16	-16	-14	-11	-20	-25	-31	-35	-36	-37	-41	-51	-58	-64	-63	-57
5	-54	-44	-35	-31	-31	-28	-24	-17	-13	-15	-12	-10	-10	-10	-9	-8	-9	-9	-13	10	0	-8	-29	-85
6	-140	-171	-172	-139	-138	-132	-119	-105	-100	-93	-84	-79	-74	-69	-73	-73	-71	-63	-61	-69	-72	-77	-86	-88
7	-108	-111	-115	-112	-102	-91	-87	-72	-71	-74	-72	-68	-65	-66	-70	-71	-70	-68	-65	-60	-58	-58	-53	-47
8	-42	-35	-34	-33	-29	-27	-25	-22	-24	-28	-39	-40	-32	-34	-40	-40	-44	-43	-42	-39	-40	-43	-42	-43
9	-46	-41	-37	-39	-45	-49	-44	-40	-32	-33	-35	-30	-33	-31	-31	-31	-35	-39	-39	-36	-37	-41	-42	-43
10	-42	-39	-37	-35	-34	-35	-33	-29	-22	-24	-23	-21	-18	-20	-22	-23	-26	-26	-25	-25	-24	-27	-26	-27
11	-29	-28	-26	-23	-22	-22	-16	-13	-15	-15	-12	-8	-5	-7	-7	-7	-10	-14	-21	-23	-23	-21	-17	-14
12	-16	-19	-22	-27	-26	-22	-20	-17	-15	-15	-14	-13	-16	-19	-23	-23	-23	-23	-21	-17	-16	-16	-12	-10
13	-12	-18	-18	-11	-2	-2	0	-1	-3	-5	-5	-2	-3	-8	-11	-14	-16	-15	-13	-12	-12	-7	-5	-6
14	-11	-14	-19	-19	-17	-13	-12	-7	-10	-12	-17	-17	-22	-17	-19	-24	-28	-26	-24	-25	-31	-32	-31	-28
15	-31	-42	-33	-29	-21	-20	-21	-17	-16	-17	-17	-15	-14	-14	-17	-20	-21	-19	-17	-17	-14	-13	-12	-10
16	-8	-10	-15	-18	-18	-14	-11	-7	-8	-11	-11	-8	-5	-6	-9	-11	-15	-14	-16	-17	-14	-10	-3	-3
17	-4	-3	-7	-13	-13	-5	-0	-0	-0	-1	-9	-15	-14	-15	-18	-19	-24	-23	-19	-15	-11	-12	-15	-20
18	-27	-25	-26	-28	-24	-21	-16	-13	-11	-11	-10	-10	-10	-10	-10	-13	-12	-10	-5	-5	-4	-7	-4	0
19	2	1	-2	-3	-4	-1	2	5	7	5	3	-0	-3	-5	-7	-13	-12	-7	-1	2	4	2	4	6
20	2	-1	-2	4	2	1	6	5	4	4	0	-4	0	1	-1	-2	-5	-1	-4	-4	-5	-5	-1	7
21	11	9	6	3	-1	-1	2	7	10	7	11	14	15	15	17	11	10	4	-3	-7	-9	-11	-5	2
22	6	8	6	3	-1	-3	-2	-0	1	7	12	9	6	5	5	1	-1	-2	-2	-1	1	-2	-1	1
23	5	9	12	10	10	10	9	7	6	6	7	6	6	5	8	8	9	9	7	6	8	6	3	2
24	1	-0	-1	-1	-1	1	2	4	2	3	4	6	6	6	6	6	8	7	8	11	12	12	12	6
25	-0	-3	9	25	26	20	14	12	15	21	24	28	26	20	12	18	21	15	10	7	-4	-22	-41	-68
26	-79	-74	-57	-49	-46	-31	-19	-21	-22	-24	-21	-15	-14	-9	-8	13	15	-15	-19	-15	-17	-24	-26	-28
27	-34	-52	-60	-76	-86	-69	-48	-43	-38	-37	-44	-44	-41	-37	-36	-37	-38	-34	-32	-32	-30	-25	-19	-16
28	-23	-27	-24	-26	-22	-17	-11	-8	-8	-17	-30	-34	-34	-30	-29	-32	-37	-41	-44	-45	-39	-30	-27	-24
29	-23	-25	-16	-11	-18	-16	-24	-30	-25	-22	-21	-21	-22	-21	-18	-18	-21	-21	-17	-13	-9	-11	-11	-13
30	-26	-36	-31	-28	-23	-12	-12	-15	-16	-13	-10	-9	-7	-16	-20	-23	-27	-28	-22	-6	0	-4	-10	-14

JULY 1967

DAY	UN IT=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	-21	-24	-17	-16	-23	-32	-30	-36	-23	-26	-30	-33	-41	-44	-44	-43	-41	-41	-38	-40	-37	-34
2	-34	-32	-34	-37	-41	-36	-29	-24	-20	-20	-19	-20	-23	-23	-25	-27	-25	-23	-19	-16	-13	-13	-12	-4
3	-6	-6	-8	-14	-14	-13	-9	-6	-7	-7	-7	-11	-11	-11	-10	-11	-12	-13	-16	-16	-14	-7	-3	-2
4	-4	-2	-8	-13	-11	-8	-8	-9	-6	-1	1	-1	-2	0	-2	-1	-4	-9	-8	-4	2	6	7	-1
5	-9	-19	-34	-40	-41	-37	-30	-26	-28	-37	-33	-27	-24	-18	-24	-30	-30	-29	-31	-30	-32	-35	-32	-27
6	-21	-18	-19	-23	-23	-21	-19	-18	-17	-15	-14	-13	-16	-20	-24	-22	-18	-20	-26	-29	-21	-28	-36	-36
7	-31	-39	-34	-32	-30	-21	-15	-13	-14	-14	-12	-15	-18	-17	-17	-20	-20	-19	-19	-15	-11	-11	-15	-20
8	-19	-14	-13	-13	-9	-6	-7	-8	-8	-7	-10	-10	-8	-5	-3	-4	-3	-4	-5	-7	-7	-10	-12	-12
9	-10	-8	-6	-4	-5	-3	-3	-2	-2	-1	0	0	2	4	6	6	4	5	8	8	7	2	1	4
10	5	5	4	5	9	9	9	9	8	8	9	8	11	11	12	14	17	21	24	26	29	27	19	17
11	7	-0	7	19	23	15	6	0	-3	-4	6	8	7	-2	-8	-10	-7	-4	-7	-6	-7	-9	-10	-8
12	-11	-12	-16	-14	-6	-3	-3	-4	-5	-3	-4	-4	-3	-2	-3	-4	-2	-5	-8	-11	-14	-12	-11	-12
13	-18	-19	-18	-14	-8	-2	2	2	1	0	1	1	2	4	0	-3	-2	-3	-1	-4	-2	0	-4	-7
14	-11	-13	-16	-13	-6	-7	-12	-14	-10	-7	-4	-1	2	6	4	-1	-9	-10	-9	-7	-7	-8	-8	-9
15	-8	-5	5	-8	-5	-0	2	4	3	4	5	4	7	9	9	12	9	10	14	8	7	3	4	4
16	7	6	-0	-14	-20	13	-7	-4	-4	-4	-3	-3	-3	-1	-0	-2	-6	-7	-5	-2	-2	-5	-4	-4
17	-6	-0	-5	-8	-4	0	4	5	6	8	7	6	4	3	2	-0	-2	1	6	13	20	21	25	28
18	28	27	24	23	21	13	12	13	6	-1	1	5	2	-1	0	-2	-7	-13	-14	-11	-7	-6	-8	-9
19	-12	-6	-5	-4	-1	2	3	3	2	1	-2	-5	-5	-3	-1	-0	2	6	6	5	4	-1	-1	5
20	7	12	9	3	1	2	4	6	5	4	4	4	4	4	4	7	6	3	1	3	5	4	5	8
21	9	5	-0	-4	-4	-3	1	5	4	3	2	-0	1	3	3	2	4	4	1	-0	3	4	7	13
22	14	16	19	17	12	14	14	15	15	12	14	17	17	17	13	11	10	12	9	9	13	13	7	9
23	14	20	22	22	17	15	14	13	13	13	15	13	11	21	26	21	22	16	18	19	3	-21	-48	-44
24	-28	-17	-15	-17	-15	-11	-9	-7	-7	-9	-11	-16	-15	-13	-15	-15	-15	-17	-14	-10	-3	1	-4	-8
25	-13	-15	-10	-11	-12	-10	-5	-2	-2	-4	-7	-9	-12	-9	-6	-6	-7	-8	-7	-10	-13	-13	-6	-6
26	-9	-11	-10	-10	-8	-6	-1	-1	-2	-4	-5	-7	-10	-9	-8	-9	-11	-9	-9	-7	-3	-4	-7	-9
27	-9	-8	-8	-10	-7	-2	5	3	-4	-10	-6	-3	-3	-7	-9	-9	-8	-6	-5	-2	-1	1	2	2
28	-2	-3	-1	2	-4	-1	5	7	11	3	-1	5	10	11	11	3	-1	-1	-4	2	11	12	9	3
29	1	2	8	-2	-13	-9	-15	-16	-12	-10	-11	-12	-11	-9	-5	-4	-6	-1	-3	-11	-16	-14	-18	-25
30	-24	-26	-32	-33	-35	-52	-60	-51	-40	-40	-40	-39	-41	-41	-42	-41	-38	-40	-42	-40	-36	-31	-29	-26
31	-27	-26	-28	-31	-29	-26	-25	-23	-23	-23	-22	-22	-25	-25	-25	-23	-23	-23	-26	-28	-26	-23	-21	-14

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	-11	-7	-6	-7	-8	-7	-5	-5	-7	-6	-4	-2	2	3	3	-2	-5	-1	4	2	1	0	0	3
2	2	1	1	0	2	2	3	2	1	2	0	1	2	2	1	-2	-4	-7	-9	-8	-5	-1	-5	-4
3	-4	-4	0	2	3	5	6	6	4	3	3	6	6	7	7	5	4	-0	-4	-4	-2	-5	-6	1
4	6	16	18	15	11	9	7	9	10	15	13	8	5	5	3	3	2	1	-1	-8	-11	-14	-13	-9
5	-11	-16	-7	-1	2	2	4	3	0	-0	2	5	5	5	5	6	7	5	0	-0	-5	-11	-10	-7
6	-4	2	5	8	5	4	5	8	2	-0	4	9	10	12	13	14	15	13	10	3	-1	-2	-2	-3
7	-4	-4	5	8	11	11	9	2	-3	-6	-4	-5	-6	-7	-6	-2	-1	-4	-1	1	-5	-7	-5	-4
8	-5	-4	-3	-2	1	-6	-10	-9	-11	-5	0	4	2	-1	-0	-4	-7	-2	4	3	-0	-4	-10	-4
9	2	2	6	7	6	6	7	6	5	3	3	3	4	10	13	17	12	8	11	11	7	7	5	3
10	2	-1	0	-2	-4	-6	1	5	2	0	2	-0	-7	-12	-9	-5	-4	-7	-9	-3	-6	-13	-21	-20
11	-14	-12	-10	-8	-1	6	24	10	5	0	7	11	9	9	14	17	15	11	3	-8	-15	-19	-26	-29
12	-33	-32	-19	-12	-11	-8	-6	-6	-8	-7	-7	-6	-11	-10	-10	-7	-2	-2	-3	-4	-5	-7	-10	-12
13	-14	-14	-10	-8	-5	-3	-1	1	2	2	5	6	3	-2	-4	-3	-4	-6	-5	-3	-7	-11	-11	-15
14	-20	-23	-24	-24	-22	-19	-19	-11	-17	-19	-9	-6	-4	-4	-2	-0	0	1	-1	-3	-5	-5	-7	-9
15	-4	-3	-2	3	3	5	2	4	7	8	5	1	-6	-4	-2	-1	-1	-3	-6	-10	-10	-11	-13	-15
16	-14	-15	-15	-12	-7	-5	-3	3	5	5	5	8	10	5	2	3	3	4	-0	-6	-2	-4	-10	-14
17	-17	-15	-8	-11	-14	-9	-9	-3	1	5	9	8	5	3	7	6	6	4	1	4	9	-1	-5	-7
18	-16	-14	-11	-5	0	-4	-12	-7	-10	-14	-10	-6	-2	-2	-6	-9	-12	-12	-14	-16	-20	-29	-26	-18
19	-14	-17	-16	-11	-7	-8	-6	-5	-3	-3	-0	-1	-3	-4	-6	-9	-11	-9	-3	7	2	-3	-5	-6
20	-10	-9	-6	-1	-4	-11	-9	-12	-10	-6	-0	4	3	1	6	7	3	6	7	8	4	-6	-7	-3
21	-3	-2	-6	-2	-2	-0	2	4	3	1	2	1	-2	2	6	7	4	6	11	12	8	6	2	-2
22	-6	-4	2	7	6	1	3	5	5	5	5	3	-0	1	4	10	14	14	11	10	8	5	5	3
23	4	5	1	-0	3	5	5	5	7	7	4	-1	-3	-4	-3	-1	2	8	11	6	12	12	11	11
24	8	-0	-4	-3	-6	-10	-12	-10	-10	-13	-11	-0	5	5	7	7	8	10	12	12	15	15	14	13
25	10	14	17	11	6	-7	-23	-25	-20	-13	-8	-4	-6	-7	-5	-1	3	8	8	1	-10	-10	-14	-30
26	-34	-24	-16	-11	-8	-7	-7	-5	-5	-4	-4	2	7	8	10	10	8	7	6	-0	-4	-2	-7	-5
27	-10	-14	-16	-16	-15	-13	-8	-5	-6	-10	-13	-10	-7	-9	-13	-15	-14	-12	-10	-9	-7	-7	-11	-7
28	-6	-8	-7	-3	-4	-10	-10	-5	-2	-1	-1	-3	-4	-7	-8	-10	-12	-13	-9	-8	-6	-3	1	3
29	3	3	5	5	5	6	5	2	1	-3	-2	-0	-3	-8	-9	-6	-5	-3	2	6	9	6	0	-2
30	0	3	7	7	5	-7	-12	-10	-11	-8	-5	-2	-4	0	-4	-7	-7	-10	-10	-10	-7	-9	-14	-6
31	4	10	16	15	3	-5	-8	-11	-14	-17	-11	-6	-6	-9	-10	-11	-10	-8	-11	-13	-13	-12	-10	-12

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	-8	-3	-4	-12	-24	-33	-44	-38	-31	-24	-14	-11	-13	-18	-13	-11	-7	-7	-21	-23	-25	-21	-22	-24
2	-29	-25	-25	-18	-20	-23	-32	-24	-26	-29	-26	-25	-23	-20	-16	-18	-23	-19	-17	-20	-19	-24	-23	-20
3	-16	-15	-16	-14	-14	-16	-17	-17	-17	-18	-18	-13	-15	-15	-14	-11	-11	-11	-9	-6	-9	-16	-24	-17
4	-13	-13	-13	-13	-11	-11	-16	-13	-13	-12	-8	-9	-13	-14	-11	-10	-10	-10	-9	-11	-13	-12	-13	-16
5	-17	-16	-13	-8	-5	-6	-7	-7	-5	-3	-1	-3	-6	-8	-4	-1	1	3	2	3	2	-2	-3	-2
6	-2	1	2	2	3	3	3	2	2	1	0	0	-2	-3	-3	0	3	2	-2	-3	-2	-2	-4	-3
7	-3	-0	-3	1	3	4	3	0	-0	3	7	10	13	21	23	23	12	1	-1	1	-1	-3	-3	-3
8	-1	1	-1	-2	-1	0	-3	-2	0	1	4	1	0	8	5	0	-9	-14	-11	-14	-15	-16	-11	-7
9	-5	-2	-9	-18	-17	-15	-15	-16	-11	-9	-13	-20	-22	-25	-23	-21	-17	-13	-11	-11	-14	-15	-15	-16
10	-18	-18	-16	-16	-16	-15	-13	-10	-9	-7	-5	-3	-2	-0	-2	-4	-5	-5	-3	1	1	2	2	1
11	1	0	0	3	6	5	3	4	7	8	5	6	9	12	13	7	5	6	3	1	2	5	7	9
12	10	13	12	11	9	7	8	9	12	12	13	12	10	6	5	4	5	5	3	3	4	8	13	15
13	18	21	18	17	15	10	6	14	-19	-14	-18	-22	-15	-15	-16	-17	-27	-43	-40	-39	-40	-43	-37	-26
14	-21	-18	-21	-23	-24	-27	-27	-23	-24	-26	-18	-22	-20	-21	-23	-23	-19	-21	-25	-27	-30	-32	-29	-23
15	-21	-21	-22	-13	-13	-18	-15	-21	-17	-13	-10	-13	-16	-15	-12	-10	-7	-6	-9	-11	-13	-10	-7	-4
16	-9	-14	-23	-18	-16	-15	-17	-18	-14	-11	-12	-15	-17	-19	-17	-17	-14	-10	-7	-7	-7	-9	-10	-2
17	1	3	-0	-2	-3	-7	-13	-10	-7	-6	-8	-11	-14	-14	-13	-15	-17	-17	-14	-9	-6	-1	4	6
18	13	14	13	13	10	5	-0	-3	-2	3	-1	-7	-11	-11	-9	-8	-12	-14	-24	-28	-32	-36	-36	-38
19	-42	-29	-23	-21	-19	-23	-27	-26	-22	-16	-15	-19	-22	-21	-24	-20	-16	-15	-11	-13	1	9	11	7
20	0	-4	-1	-11	-5	-5	-11	-24	-30	-28	-39	-40	-56	-61	-34	-17	-18	-19	-15	-8	-16	-36	-38	-31
21	-39	-67	-100	-117	-122	-102	-104	-114	-112	-88	-85	-75	-73	-70	-63	-62	-65	-58	-52	-69	-73	-79	-77	-75
22	-75	-67	-65	-70	-61	-56	-55	-51	-45	-40	-37	-34	-32	-31	-30	-33	-32	-33	-37	-36	-37	-36	-36	-36
23	-35	-34	-33	-32	-30	-30	-32	-32	-30	-28	-27	-24	-25	-25	-22	-21	-20	-20	-18	-16	-15	-18	-19	-19
24	-19	-20	-22	-25	-22	-19	-19	-18	-17	-20	-21	-24	-31	-33	-32	-28	-23	-17	-19	-18	-16	-21	-20	-20
25	-20	-20	-20	-18	-16	-15	-17	-17	-14	-13	-13	-12	-12	-10	-10	-11	-11	-10	-10	-10	-12	-12	-15	-17
26	-17	-18	-22	-20	-17	-15	-17	-18	-13	-10	-11	-12	-12	-11	-9	-9	-9	-7	-8	-10	-12	-12	-15	-19
27	-21	-20	-17	-17	-17	-19	-19	-16	-12	-10	-9	-10	-11	-15	-13	-12	-11	-7	-1	3	3	3	9	15
28	15	10	-0	-9	-20	-44	-58	-73	-58	-51	-62	-72	-59	-45	-41	-35	-39	-40	-52	-46	-42	-42	-60	-58
29	-64	-72	-78	-70	-62	-73	-93	-98	-99	-76	-70	-68	-61	-62	-64	-62	-62	-54	-51	-56	-68	-77	-66	-68
30	-77	-75	-79	-90	-81	-75	-65	-58	-58	-46	-43	-49	-38	-42	-45	-43	-43	-39	-39	-40	-38	-36	-39	-46

OCTOBER 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	-47	-55	-54	-53	-46	-45	-47	-40	-37	-30	-26	-31	-32	-27	-23	-23	-23	-22	-23	-24	-25	-26	-24	-22
2	-24	-27	-28	-27	-25	-22	-23	-22	-22	-20	-21	-19	-20	-21	-20	-22	-24	-23	-24	-26	-23	-21	-17	-13
3	-13	-16	-13	-17	-15	-13	-12	-11	-10	-9	-8	-10	-13	-9	-13	-16	-13	-13	-16	-17	-25	-27	-23	-20
4	-18	-19	-18	-18	-17	-18	-19	-17	-15	-11	-12	-15	-17	-18	-16	-14	-13	-12	-11	-12	-14	-17	-23	-18
5	-20	-14	-10	-15	-17	-19	-16	-18	-19	-15	-10	-6	-6	-6	-7	-9	-8	-9	-12	-16	-19	-22	-22	-18
6	-15	-12	-18	-24	-24	-20	-18	-16	-15	-12	-11	-14	-18	-15	-15	-14	-12	-10	-8	-7	-7	-6	-10	-12
7	-16	-19	-21	-18	-13	-11	-9	-1	-5	-11	-18	-19	-15	-13	-10	-4	-7	-3	-1	-2	-6	-10	-14	-15
8	-14	-15	-17	-15	-8	-2	5	10	13	15	10	9	6	1	-2	-4	-10	-8	-2	-3	-5	-4	-3	2
9	1	-10	-13	-7	-4	-4	-0	2	3	1	-7	-7	-5	-1	-6	-7	-5	-11	-11	-24	-35	-40	-44	-59
10	-80	-90	-88	-73	-60	-57	-47	-37	-36	-35	-34	-33	-36	-38	-31	-34	-40	-44	-42	-41	-46	-49	-48	-35
11	-34	-34	-37	-39	-40	-34	-33	-29	-26	-24	-24	-25	-23	-22	-21	-18	-25	-22	-22	-23	-27	-21	-18	-16
12	-24	-31	-45	-48	-45	-43	-45	-36	-28	-26	-25	-21	-21	-19	-21	-23	-30	-27	-26	-24	-24	-25	-22	-30
13	-46	-54	-45	-41	-40	-39	-34	-29	-25	-23	-21	-19	-19	-18	-16	-17	-19	-19	-19	-23	-25	-25	-26	-21
14	-20	-20	-23	-22	-20	-23	-23	-21	-16	-16	-16	-12	-11	-11	-12	-16	-15	-14	-10	-8	-20	-16	-12	-8
15	-13	-23	-22	-18	-17	-17	-17	-12	-8	-7	-4	0	6	8	7	4	1	5	3	-1	-8	-12	-12	-13
16	-17	-18	-15	-13	-13	-15	-10	-9	-7	-6	-9	-9	-8	-6	-8	-8	-9	-7	-7	-9	-11	-8	-6	-5
17	-7	-7	-6	-9	-15	-18	-18	-15	-15	-16	-22	-20	-11	-6	-6	-4	-3	-5	-1	-12	-24	-24	-20	-14
18	-10	-8	-8	-6	-8	-12	-19	-19	-20	-18	-18	-15	-14	-12	-10	-7	-7	-6	-8	-9	-13	-17	-24	-22
19	-21	-17	-17	-17	-16	-10	-7	-5	-5	-5	-4	-6	-6	-5	-4	-1	-1	2	2	-0	-4	-9	-9	-12
20	-11	-11	-8	-6	-5	-3	-2	1	-0	1	2	4	5	6	6	7	8	7	-1	-2	-4	-6	-5	-3
21	-3	-1	-2	-2	-0	1	-0	-0	-0	0	-2	1	2	3	3	4	3	5	5	3	1	-0	-0	1
22	1	1	-0	2	1	4	7	9	11	14	14	18	22	22	19	18	17	14	10	11	3	6	7	12
23	13	5	-4	-1	-2	-9	-13	-10	-8	-11	-11	-6	-4	-9	-9	-7	-11	-13	-13	-11	-5	-4	-6	-7
24	-3	4	6	6	4	6	3	-2	-6	-12	-15	-12	-12	-11	-12	-12	-15	-15	-14	-13	-14	-11	-9	-9
25	-8	-6	-5	-5	-8	-9	-9	-6	-5	-4	-4	-6	-7	-9	-10	-11	-9	-8	-8	-6	-6	-11	-11	-14
26	-16	-13	-11	-8	-6	-6	-2	-0	-1	3	4	3	2	3	6	7	8	8	7	8	11	15	16	12
27	8	8	15	19	15	14	10	3	-1	-6	-2	-1	-5	-10	-10	-5	-2	-2	-3	-9	-19	-16	-13	-15
28	-18	-23	-17	-13	-12	-11	-25	-29	-31	-33	-24	-36	-38	-26	-22	-23	-23	-11	-10	-10	-14	-20	-15	-12
29	-16	-9	-17	-17	-10	-10	-14	-12	-16	-16	-16	-18	-21	-25	-21	-18	-10	-9	-3	-13	-15	-13	-15	-16
30	-20	-23	-39	-48	-31	-37	-43	-38	-34	-30	-31	-30	-29	-26	-25	-24	-24	-23	-24	-25	-29	-26	-22	-18
31	-14	-12	-12	-13	-19	-20	-19	-19	-18	-15	-12	-8	-5	1	10	-2	-3	-2	-2	-6	-9	-10	-8	-8

NOT REPRODUCIBLE

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	-6	-4	-3	-3	-5	-3	-1	1	1	2	4	3	2	1	1	1	2	-1	-5	-8	-11	-8	-9	-10
2	-12	-14	-8	-10	-14	-16	-20	-20	-16	-17	-19	-17	-16	-12	-14	-13	-15	-15	-23	-33	-37	-37	-40	-40
3	-41	-37	-34	-32	-29	-27	-25	-25	-23	-16	-16	-16	-14	-12	-26	-23	-21	-14	-9	-19	-39	-33	-33	-35
4	-34	-40	-48	-47	-44	-40	-37	-34	-32	-29	-21	-17	-14	-13	-12	-10	-7	-8	-9	-11	-17	-17	-23	-29
5	-30	-22	-19	-22	-22	-24	-28	-30	-31	-29	-29	-23	-17	-17	-17	-16	-15	-17	-22	-28	-26	-26	-26	-32
6	-31	-27	-21	-17	-16	-12	-13	-16	-12	-7	-6	-6	-7	-6	-6	-4	-1	-0	-3	-5	-6	-8	-9	-11
7	-10	-8	-5	-1	-0	-0	1	3	5	7	8	4	6	7	3	4	9	10	8	7	8	5	2	1
8	3	-14	-17	-21	-16	-16	-13	-15	-10	-8	-6	-9	-2	3	7	1	-4	-2	5	-8	-27	-46	-39	-35
9	-36	-31	-29	-29	-27	-28	-28	-28	-25	-24	-28	-22	-21	-21	-26	-28	-26	-25	-25	-18	-17	-17	-18	-18
10	-18	-15	-13	-14	-13	-11	-11	-11	-13	-11	-11	-11	-14	-10	-11	-11	-14	-15	-15	-15	-17	-15	-11	-10
11	-12	-14	-10	-7	-4	-3	-4	-3	-2	-1	0	-1	-3	-4	-2	1	1	11	17	23	9	-18	-25	-23
12	-23	-28	-34	-31	-33	-38	-32	-26	-27	-33	-31	-25	-21	-20	-19	-15	-17	-16	-17	-23	-25	-21	-20	-20
13	-18	-10	-16	-26	-20	-21	-22	-28	-31	-29	-24	-21	-18	-15	-13	-12	-13	-15	-16	-18	-17	-15	-22	-21
14	-20	-13	-6	-6	-10	-14	-14	-17	-18	-16	-15	-12	-7	-6	-4	-4	-9	-13	-15	-16	-13	-14	-17	-16
15	-10	-4	-1	-1	-4	-5	-9	-13	-11	-11	-11	-10	-6	1	2	0	-11	-22	-28	-29	-30	-25	-26	-27
16	-16	-9	-6	-11	-12	-16	-16	-19	-23	-18	-13	-14	-15	-8	-4	-3	-2	-3	-6	-8	-8	-9	-12	-14
17	-12	-8	-7	-7	-7	-7	-8	-9	-9	-9	-8	-7	-9	-9	-9	-7	-5	-2	-0	-3	-6	-9	-11	-13
18	-11	-8	-6	-6	-6	-4	-3	-5	-5	-5	-7	-8	-5	-2	-1	-2	-3	-5	-9	-7	-4	-1	2	2
19	3	4	3	4	1	-0	-1	-1	-1	-1	-1	1	1	3	4	2	-1	-2	-1	2	2	1	1	3
20	4	6	7	7	4	4	5	3	2	2	2	2	-1	-4	-3	-3	-3	-3	-1	0	2	6	11	17
21	19	18	18	16	12	14	11	9	8	9	11	9	8	10	21	26	24	21	21	27	25	15	11	14
22	23	25	19	8	1	-1	-10	-16	-27	-32	-35	-30	-24	-17	-13	-10	-10	-6	-2	-2	2	7	7	11
23	15	16	17	18	17	9	6	1	-6	-10	-15	-14	-15	-13	-12	-10	-10	-8	-4	3	7	7	5	-1
24	-6	-4	-10	-10	-13	-24	-39	-40	-36	-37	-38	-36	-29	-22	-17	-14	-20	-27	-28	-29	-27	-30	-30	-31
25	-31	-28	-26	-28	-28	-26	-23	-21	-18	-19	-21	-22	-25	-22	-19	-19	-20	-20	-18	-15	-15	-19	-16	-14
26	-19	-20	-19	-19	-15	-14	-17	-18	-18	-16	-15	-14	-12	-11	-7	-8	-9	-6	-7	-10	-10	-9	-4	-2
27	-6	-2	1	-6	-11	-13	-16	-15	-11	-7	-8	-5	-6	-5	-3	-1	-11	-11	-18	-19	-21	-22	-24	-25
28	-28	-31	-38	-46	-52	-53	-56	-51	-42	-38	-36	-36	-34	-28	-24	-26	-30	-33	-34	-34	-35	-35	-34	-30
29	-17	-11	-11	-16	-23	-13	-6	-6	-19	-23	-20	-13	-11	-12	-10	-8	-10	-12	-14	-13	-12	-8	-4	3
30	8	6	3	2	-1	-5	-16	-27	-31	-29	-25	-14	-9	-7	-4	-3	-4	-6	-7	-12	-14	-20	-18	-17

DECEMBER 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	-22	-27	-30	-40	-37	-36	-36	-38	-38	-27	-27	-21	-20	-20	-23	-21	-32	-35	-48	-53	-54	-6		
2	-62	-61	-63	-65	-64	-63	-61	-56	-51	-48	-44	-42	-43	-41	-34	-30	-30	-32	-34	-33	-32	-28	-25	-26		
3	-21	-19	-20	-21	-22	-18	-22	-26	-29	-35	-34	-30	-32	-32	-25	-24	-24	-25	-25	-23	-19	-19	-23	-24		
4	-24	-24	-27	-29	-22	-17	-19	-24	-25	-24	-21	-17	-14	-12	-6	-2	-2	-6	-5	-3	-4	-7	-10	-6		
5	-2	-3	1	3	7	8	6	3	2	-1	-2	1	-0	4	5	7	3	-1	-1	-1	-7	-20	-16	-11		
6	-5	-5	-7	-8	-6	-1	3	0	-9	-12	-19	-23	-17	-10	-4	-8	-14	-19	-20	-14	-9	-17	-24	-35		
7	-44	-37	-29	-23	-21	-21	-23	-35	-28	-25	-28	-28	-20	-19	-19	-6	-10	-12	-14	-15	-12	-13	-11	-11		
8	-15	-16	-11	-12	-15	-22	-19	-23	-20	-21	-19	15	-15	-9	-4	-7	-9	-12	-10	-14	-20	-22	-27	-27		
9	-28	-29	-26	-20	-21	-20	-17	-17	-18	-17	-17	-15	-13	-11	-5	-5	-9	-13	-15	-16	-20	-23	-22	-19		
10	-16	-16	-20	-18	-16	-15	-14	-15	-17	-14	-16	-17	-16	-14	-11	-8	-6	-6	-7	-7	-7	-9	-13	-13		
11	-14	-20	-22	-18	-16	-16	-13	-14	-13	-14	-14	-14	-12	-12	-10	-6	-9	-13	-16	-18	-18	-15	-13	-12		
12	-13	-13	-18	-17	-13	-16	-18	-17	-17	-16	-14	-13	-11	-9	-8	-6	-9	-7	-6	-5	-8	-11	-9	-5		
13	1	1	-3	-2	-1	0	0	-3	-6	-4	-4	-2	-1	0	1	2	1	0	-2	-0	-0	0	2	2		
14	0	-0	1	-3	-4	-2	-0	-0	-2	-2	-3	-2	-4	-5	-7	-5	-5	-6	-3	-0	0	5	7	9		
15	11	7	14	13	10	7	-2	-3	-3	-2	-4	-1	-3	-4	3	6	6	5	9	12	14	13	18	26		
16	27	23	28	24	23	14	12	9	12	9	9	9	9	10	17	13	8	1	1	0	-2	-4	-8	-6		
17	-7	-10	-15	-16	-17	-19	-28	-35	-44	-50	-56	-51	-44	-38	-32	-26	-23	-21	-20	-17	-15	-15	-15	-15		
18	-17	-23	-21	-18	-15	-3	5	-23	-24	-20	-16	-22	-22	-20	-16	-27	-30	-30	-33	-35	-36	-34	-31	-25		
19	-29	-34	-32	-33	-39	-42	-36	-35	-38	-39	-34	-27	-26	-21	-14	-21	-24	-25	-27	-37	-35	-49	-59	-67		
20	-59	-62	-67	-73	-67	-54	-47	-45	-53	-52	-47	-38	-37	-37	-24	-23	-31	-30	-32	-29	-29	-30	-25	-18		
21	-14	-13	-15	-21	-23	-20	-20	-18	-14	-20	-20	-18	-19	-13	-15	-16	-16	-16	-11	-5	-5	-8	-13	-23		
22	-27	-33	-35	-29	-22	-17	-18	-18	-12	-7	-16	-20	-14	-9	-9	-11	-8	-4	-2	1	-6	-10	-13	-23		
23	-41	-43	-38	-38	-34	-28	-26	-28	-30	-26	-27	-28	-28	-24	-21	-22	-26	-24	-24	-21	-21	-25	-24	-23		
24	-25	-27	-26	-23	-19	-18	-19	-20	-18	-20	-22	-21	-26	-28	-28	-26	-22	-18	-16	-13	-11	-13	-16	-18		
25	-17	-17	-18	-20	-16	-15	-16	-15	-11	-11	-12	-13	-13	-15	-14	-13	-16	-15	-15	-15	-16	-15	-18	-13		
26	-12	-13	-16	-19	-22	-19	-16	-16	-16	-17	-17	-15	-13	-16	-22	-26	-28	-27	-29	-27	-28	-28	-23	-19		
27	-23	-24	-21	-19	-19	-22	-17	-18	-18	-16	-18	-22	-28	-28	-22	-22	-19	-15	-15	-15	-17	-17	-16	-13		
28	-11	-13	-14	-12	-12	-10	-9	-8	-4	-1	-2	-1	0	-1	-5	-7	-6	-2	-4	-6	-12	-19	-18	-19		
29	-24	-23	-17	-16	-18	-19	-16	-14	-14	-13	-14	-12	-9	-5	-1	-2	-2	-2	-2	-5	-8	-13	-7	0		
30	4	3	-2	-4	-4	-6	-7	-4	-1	-3	4	7	8	8	12	15	8	5	3	-4	-9	-9	-11			
31	-18	-20	-19	-28	-34	-44	-49	-57	-59	-55	-59	-71	-70	-83	-74	-79	-90	-87	-82	-85	-95	-102	-106	-99		

DAILY MEANS OF EQUATORIAL DST FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	-6	-5	-3	-1	11	-51	-31	-3	-19	-34	-2	-33
2	-18	-2	-5	-14	-2	-42	-24	-1	-23	-22	-20	-45
3	-14	3	5	-3	-95	-29	-10	2	-15	-15	-25	-25
4	-9	2	3	-0	-53	-30	-4	4	-12	-16	-25	-15
5	-6	-14	-7	-15	-38	-21	-29	-1	-4	-14	-24	-1
6	8	-8	-8	-10	-22	-98	-22	5	-0	-14	-10	-12
7	-11	-11	4	-4	-23	-76	-20	-1	5	-11	3	-21
8	-103	-69	5	-6	-15	-36	-9	-3	-4	-2	-12	-16
9	-43	-38	-3	-3	-10	-38	1	7	-15	-12	-25	-17
10	-30	-23	-13	1	-2	-28	13	-5	-7	-48	-13	-13
11	-24	-19	1	-1	-4	-17	1	-0	5	-27	-3	-14
12	-20	-6	2	-2	-4	-19	-7	-10	9	-30	-25	-12
13	-7	-6	1	5	-14	-8	-4	-4	-13	-28	-19	-1
14	-117	-13	-1	17	-7	-20	-7	-11	-24	-16	-12	-1
15	-53	-4	4	13	-20	-19	4	-2	-13	-7	-12	6
16	-39	-50	15	0	-2	-11	-4	-2	-13	-10	-11	10
17	-25	-58	15	-11	-15	-11	6	-1	-7	-12	-8	-26
18	-15	-34	-4	-11	-2	-13	4	-11	-8	-13	-5	-22
19	-14	-21	-24	-33	-8	-1	-0	-6	-17	-7	1	-34
20	-30	-14	-30	-16	-4	0	5	-2	-23	-1	3	-42
21	-32	-12	-20	-23	1	5	3	2	-81	1	16	-16
22	-15	-15	-15	-21	3	2	13	5	-44	10	-6	-15
23	-5	-23	3	-3	21	7	10	4	-25	-7	0	-28
24	-3	-25	3	-29	14	5	-12	2	-22	-7	-25	-21
25	4	-11	6	-13	-25	8	-8	-4	-14	-8	-21	-15
26	-1	-21	13	2	-243	-25	-7	-4	-13	2	-12	-20
27	12	-9	-0	6	-89	-42	-4	-11	-9	-1	-11	-19
28	-11	1	-9	10	-68	-27	4	-6	-41	-21	-37	-8
29	-2		-3	11	-93	-19	-9	1	-70	-15	-12	-11
30	-5		-2	14	-45	-17	-38	-5	-54	-29	-10	0
31	0		-7		-76		-24	-6		-9		-65
MEAN	-20	-18	-2	-5	-30	-22	-7	-2	-19	-14	-12	-18

JANUARY 1968

NOT REPRODUCIBLE

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	-99	-98	-99	-101	-102	-103	-96	-82	-85	-81	-76	-67	-73	-72	-68	-65	-55	-41	-32	-35	-46	-47	-39	-38	
2	-41	-41	-36	-42	-39	-30	-42	-65	-37	-106	-114	-105	-99	-89	-86	-93	-87	-81	-84	-75	-79	-76	-72	-65	
3	-64	-63	-64	-61	-69	-57	-54	-53	-53	-51	-61	-48	-46	-44	-43	-45	-44	-41	-39	-38	-37	-33	-32	-35	
4	-33	-33	-33	-35	-34	-30	-27	-26	-28	-30	-33	-32	-33	-33	-31	-31	-30	-27	-24	-26	-24	-31	-32	-32	
5	-27	-22	-15	-19	-23	-24	-22	-24	-24	-20	-19	-16	-15	-12	-14	-10	-9	-10	-8	-10	-14	-13	-22	-24	
6	-21	-22	-34	-28	-22	-20	-24	-27	-27	-27	-25	-30	-35	-30	-25	-24	-33	-31	-29	-32	-31	-23	-27	-32	
7	-36	-35	-35	-36	-34	-26	-21	-25	-24	-23	-22	-21	-19	-18	-16	-14	-15	-12	-8	-7	-9	-12	-18	-18	
8	-22	-22	-21	-19	-17	-15	-17	-17	-21	-17	-15	-14	-14	-14	-12	-12	-16	-15	-13	-11	-10	-8	-3	-0	
9	-9	-3	-7	-8	-8	-8	-5	-6	-6	-6	-6	-5	-4	-4	-5	-9	-10	-12	-14	-14	-14	-9	-11	-10	
10	-16	-9	-7	-7	-7	-6	-9	-8	-8	-11	-12	-12	-16	-16	-15	-14	-11	-7	-6	-8	-6	-4	-6	-4	
11	-2	-4	-6	-6	-5	-7	-7	-6	-8	-9	-10	-9	-5	5	1	3	2	-2	-1	-2	-4	-10	-5	-4	
12	-10	-15	-22	-31	-30	-32	-29	-30	-30	-26	-28	-27	-20	-20	-19	-16	-14	-14	-18	-20	-23	-25	-21	-19	
13	-15	-15	-20	-26	-31	-35	-33	-30	-31	-34	-28	-27	-27	-25	-20	-18	-17	-14	-12	-16	-19	-23	-23	-21	
14	-23	-25	-32	-35	-38	-40	-39	-37	-36	-35	-31	-25	-25	-24	-19	-13	-7	-6	-9	-13	-18	-22	-27	-23	
15	-19	-21	-22	-24	-23	-21	-23	-26	-25	-26	-27	-25	-26	-28	-24	-19	-13	-13	-11	-15	-25	-29	-34	-32	
16	-34	-23	-26	-27	-29	-26	-27	-29	-30	-29	-28	-25	-22	-19	-13	-5	7	1	-8	-6	-10	-17	-20	-15	
17	-10	-4	-3	-6	-8	-4	-11	-24	-26	-25	-23	-22	-25	-20	-16	-7	-6	-6	-5	-11	-7	-7	-3	-3	
18	-17	-24	-14	-15	-18	-22	-30	-23	-18	-19	-22	-20	-17	-15	-8	-5	-4	-1	-1	-4	-6	-5	-5	-3	
19	1	-1	-5	-7	-6	-6	-12	-17	-20	-21	-20	-13	-6	-6	-7	-5	-3	-7	-11	-11	-12	-13	-20	-24	
20	-26	-23	-28	-23	-19	-15	-14	-16	-15	-17	-15	-16	-17	-11	-12	-14	-11	-5	-3	-5	-10	-7	-7	-7	
21	-6	-6	-7	-8	-11	-16	-24	-27	-25	-23	-19	-17	-18	-18	-18	-16	-14	-9	-5	-5	-8	-9	-8	-5	
22	-5	-2	-4	-7	-9	-7	-7	-6	-6	-7	-6	-4	-2	2	6	4	2	1	0	-4	-9	-9	-7	-1	
23	-1	-7	-12	-12	-10	-10	-9	-10	-11	-10	-11	-11	-6	-4	-1	-3	-1	-1	-2	-4	-7	-4	-1	-2	
24	-2	-5	-7	-3	-5	-3	-4	-7	-7	-5	-6	-7	-4	-5	-8	-4	-7	-7	-8	-10	-9	-9	-7	-8	
25	-8	-11	-12	-9	-8	-10	-9	-6	-3	-2	-3	-2	-1	-1	-0	2	2	1	-2	-6	-8	-6	-1	-1	
26	-2	-7	-8	-6	-5	-7	-9	-11	-11	-9	-7	-6	-7	-7	-1	6	1	-6	-4	-0	2	0	2	-5	
27	-3	-2	-5	-8	-10	-13	-13	-13	-13	-11	-10	-9	-11	-13	-13	-11	-10	-11	-12	-11	-15	-20	-21	-19	
28	-20	-32	-38	-36	-32	-31	-29	-27	-24	-22	-20	-18	-16	-14	-14	-16	-16	-17	-20	-23	-18	-21	-18	-19	
29	-26	-31	-38	-44	-42	-36	-36	-37	-32	-31	-27	-23	-20	-20	-17	-14	-13	-15	-16	-16	-18	-21	-26	-32	
30	-34	-37	-39	-42	-43	-36	-35	-32	-28	-24	-24	-24	-18	-12	-12	-13	-8	-6	-5	-7	-12	-11	6	12	
31	9	-1	-10	-17	-24	-21	-17	-21	-24	-22	-21	-18	-13	-11	-3	0	1	-4	-7	-3	-2	0	1	-6	

FEBRUARY 1968

UNIT=GAMMAS																						G.M.T.		
DAY	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	-4	-1	0	-5	-4	-6	-8	-5	-4	-5	-7	-2	-1	-1	0	-1	-3	-2	-4	-3	-1	-5	-12
2	-12	-11	-15	-18	-16	-13	-12	-13	-16	-19	-22	-19	-14	-16	-14	-6	-11	-13	-15	-17	-22	-35	-42	-43
3	-46	-38	-32	-33	-32	-31	-29	-29	-31	-29	-27	-24	-22	-16	-20	-20	-26	-29	-32	-33	-34	-32	-31	-33
4	-32	-29	-35	-30	-35	-38	-44	-46	-48	-47	-50	-57	-51	-49	-48	-46	-44	-45	-41	-36	-27	-25	-21	-19
5	-17	-17	-16	-18	-20	-20	-22	-25	-25	-26	-25	-24	-24	-19	-18	-20	-18	-18	-19	-21	-26	-25	-26	-27
6	-30	-29	-27	-22	-20	-20	-20	-22	-21	-17	-15	-15	-12	-10	-10	-11	-15	-16	-18	-18	-19	-20	-18	-18
7	-21	-21	-18	-15	-11	-11	-8	-5	-5	-3	-3	-3	-2	-3	-3	-2	-2	4	1	-3	2	-1	-1	-13
8	-5	-15	-25	-13	-13	-19	-16	-12	-13	-14	-11	-10	-9	-8	-12	-14	-15	-20	-23	-22	-20	-24	-31	-34
9	-38	-44	-43	-49	-47	-52	-50	-44	-47	-42	-43	-41	-35	-30	-34	-33	-34	-31	-28	-29	-33	-38	-45	-47
10	-46	-43	-49	-45	-39	-43	-44	-42	-40	-28	-23	-27	-24	-22	-20	-17	-5	-17	-41	-40	-49	-46	-72	-76
11	-65	-81	-86	-88	-96	-101	-111	-123	-123	-119	-117	-113	-96	-91	-92	-91	-95	-88	-78	-73	-74	-75	-72	-69
12	-66	-70	-69	-70	-71	-72	-65	-62	-57	-50	-50	-48	-49	-46	-43	-46	-48	-46	-43	-39	-34	-29	-26	-27
13	-27	-25	-27	-28	-34	-39	-45	-49	-50	-48	-36	-35	-37	-29	-28	-25	-27	-27	-29	-23	-22	-23	-23	-21
14	-18	-10	-15	-17	-16	-17	-18	-18	-17	-15	-13	-14	-14	-10	-9	-11	-11	-11	-10	-8	-4	-3	-4	-2
15	-2	2	5	7	3	0	1	-2	2	-13	-29	-28	-28	-26	-30	-38	-50	-48	-46	-41	-37	-37	-38	-35
16	-32	-25	-19	-18	-17	-16	-20	-21	-22	-19	-18	-25	-29	-26	-26	-25	-27	-27	-30	-25	-23	-21	-21	-29
17	-33	-24	-17	-16	-19	-21	-16	-16	-21	-18	-14	-17	-8	-14	-21	-21	-21	-24	-22	-18	-11	-18	-38	-33
18	-28	-22	-16	-14	-14	-16	-25	-38	-47	-45	-36	-40	-41	-43	-43	-44	-46	-45	-49	-37	-31	-33	-32	-31
19	-42	-32	-40	-42	-38	-35	-37	-36	-29	-26	-24	-25	-28	-31	-32	-33	-38	-39	-35	-33	-30	-26	-23	-20
20	-18	-17	-15	-15	-19	-22	-23	-19	-32	-34	-36	-25	-16	-40	-38	-37	-41	-45	-47	-51	-49	-49	-40	-40
21	-47	-43	-35	-37	-39	-41	-39	-34	-33	-31	-32	-30	-33	-37	-31	-33	-36	-39	-35	-31	-32	-34	-32	-33
22	-34	-30	-30	-30	-28	-28	-26	-23	-24	-22	-19	-17	-20	-18	-16	-15	-19	-19	-16	-13	-9	-8	-6	-7
23	-7	-7	-11	-13	-16	-20	-20	-16	-14	-12	-11	-11	-13	-14	-14	-15	-18	-17	-14	-11	-13	-14	-11	-11
24	-12	-11	-12	-17	-18	-23	-14	-16	-18	-14	-14	-14	-13	-13	-14	-15	-16	-16	-15	-12	-12	-11	-9	-12
25	-11	-8	-6	-7	-8	-7	-8	-15	-16	-11	-10	-11	-12	-14	-15	-16	-16	-13	-11	-9	-7	-6	1	3
26	4	1	-3	-2	-5	-5	-3	-1	-2	-1	-1	-1	-3	-4	-4	-3	-4	-5	-7	-8	-8	-11	-11	-8
27	-2	4	5	-0	-5	-6	-2	1	2	1	2	1	0	1	1	-0	-1	0	1	-6	-8	-10	-20	-31
28	-35	-37	-37	-28	-20	-19	-18	-16	-10	-4	-0	-9	-7	-22	-45	-46	-43	-39	-45	-55	-69	-73	-75	-63
29	-67	-69	-63	-74	-71	-73	-69	-66	-61	-54	-56	-57	-53	-46	-44	-43	-45	-45	-38	-41	-38	-32	-25	-26

MARCH 1968

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	-28	-31	-31	-33	-32	-32	-36	-34	-30	-32	-33	-37	-33	-35	-32	-36	-42	-45	-38	-32	-32	-31	-26	-21
2	-18	-14	-12	-23	-33	-28	-28	-32	-36	-34	-33	-33	-31	-26	-24	-24	-26	-27	-23	-20	-21	-32	-29	-33
3	-32	-24	-27	-30	-27	-26	-23	-22	-24	-28	-27	-24	-31	-31	-29	-27	-24	-34	-38	-43	-41	-45	-46	-43
4	-39	-31	-30	-31	-37	-39	-35	-35	-40	-42	-40	-42	-39	-30	-31	-37	-38	-40	-39	-34	-37	-38	-39	-33
5	-27	-28	-26	-20	-25	-26	-21	-22	-34	-45	-55	-57	-62	-47	-45	-46	-49	-50	-41	-38	-38	-38	-41	-42
6	-41	-34	-32	-32	-30	-28	-26	-27	-32	-30	-28	-26	-30	-30	-29	-26	-26	-26	-24	-25	-26	-29	-27	-26
7	-22	-21	-22	-23	-22	-19	-19	-19	-19	-20	-21	-22	-20	-18	-20	-22	-22	-23	-21	-18	-15	-14	-17	-17
8	-14	-13	-13	-12	-12	-11	-13	-13	-13	-12	-13	-14	-16	-15	-14	-14	-15	-15	-12	-11	-12	-11	-11	-10
9	-7	-6	-7	-6	-6	-4	-4	-5	-7	-9	-9	-7	-8	-8	-7	-7	-8	-9	-8	-7	-6	-5	-4	-3
10	-2	-3	3	2	-7	-16	-15	-8	-12	-12	-9	-6	-3	-2	-6	-11	-17	-11	-10	-14	-17	-18	-20	-15
11	-12	-9	-8	-11	-13	-27	-33	-31	-29	-27	-21	-17	-15	-12	-9	-9	-9	-7	-3	-2	-5	-7	-8	-7
12	-5	-1	-0	-2	-4	-4	-2	-1	1	3	-7	-13	-17	-15	-14	-14	-10	-7	-10	-18	-21	-22	-19	-16
13	-10	-18	-19	-17	-13	-11	-8	-8	-9	-5	-1	-4	-6	-3	-1	1	3	3	4	5	4	6	4	-0
14	-3	-6	-7	-8	-3	7	11	12	7	-8	-16	-16	-11	-3	0	-7	-5	7	10	5	-1	-12	-17	-15
15	-13	-20	-15	-13	-19	-26	-34	-33	-39	-36	-24	-27	-29	-8	-15	-17	-17	-15	-24	-28	-34	-36	-26	-21
16	-22	-13	-11	-21	-24	-20	-20	-25	-26	-26	-19	-22	-24	-21	-23	-20	-22	-22	-21	-16	-14	-22	-26	-35
17	-29	-23	-20	-22	-23	-24	-23	-18	-16	-14	-16	-13	-8	-6	-7	-7	-8	-9	-6	-5	-7	-7	-10	-10
18	-9	-7	-6	-5	-10	-16	-14	-14	-15	-14	-14	-13	-10	-6	-3	-4	-3	-5	-3	0	-1	-2	-4	-7
19	-4	-5	-7	-6	-4	-4	-5	-7	-5	-8	-12	-1	-6	-4	1	-0	-4	-7	-6	-6	-7	-6	-6	-10
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21	-14	-10	-10	-13	-11	-6	-6	-9	-9	-8	-5	-4	-4	-5	-6	-11	-15	-11	-10	-6	-5	-3	-2	-3
22	-5	-6	-6	-5	-4	-7	-7	-7	-6	-4	-4	-4	0	-1	-1	-0	-3	-6	-5	-7	-5	-5	-6	-5
23	-5	-5	-5	-5	-5	-4	-4	-2	0	4	4	7	8	7	0	5	6	10	20	23	11	-1	-2	-4
24	-4	3	3	-8	-18	-14	-15	-33	-38	-27	-19	-26	-22	-13	-7	-9	-17	-20	-25	-23	-25	-26	-16	-4
25	-8	-21	-32	-33	-32	-37	-47	-41	-27	-28	-27	-22	-19	-17	-19	-13	-9	-9	-12	-20	-25	-29	-31	-25
26	-20	-20	-18	-18	-14	-15	-21	-17	-14	-14	-13	-12	-17	-16	-15	-14	-17	-17	-17	-16	-15	-14	-21	-30
27	-35	-40	-35	-30	-27	-35	-47	-50	-40	-33	-27	-27	-25	-21	-19	-21	-23	-21	-18	-29	-39	-41	-38	-35
28	-30	-25	-22	-25	-32	-27	-22	-25	-29	-28	-22	-17	-15	-11	-7	-4	-7	-6	-13	-17	-19	-28	-34	-27
29	-21	-15	-18	-30	-38	-37	-33	-31	-38	-42	-43	-43	-33	-21	-20	-18	-10	-8	-14	-15	-17	-21	-28	-37
30	-40	-45	-31	-25	-30	-33	-46	-41	-34	-32	-28	-22	-14	-11	-10	-12	-19	-30	-36	-42	-51	-54	-60	-53
31	-49	-44	-36	-30	-31	-29	-29	-35	-38	-33	-27	-19	-19	-19	-18	-16	-13	-16	-20	-24	-32	-34	-43	-50

APRIL 1968

NOT REPRODUCIBLE

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	-50	-59	-66	-56	-58	-50	-51	-45	-42	-48	-38	-37	-36	-36	-32	-24	-26	-23	-28	-28	-31	-39	-37	-38	
2	-42	-43	-40	-29	-23	-24	-25	-24	-23	-22	-19	-16	-17	-14	-10	-12	-13	-12	-10	-16	-18	-22	-27	-37	
3	-42	-41	-34	-36	-33	-26	-23	-25	-27	-25	-21	-16	-11	-12	-15	-11	-8	-5	-3	-3	-5	-10	-18	-26	
4	-31	-41	-46	-46	-44	-40	-35	-33	-30	-26	-27	-18	-13	-12	-15	-14	-13	-14	-13	-15	-20	-19	-19	-17	
5	-17	-16	-14	-11	-12	-11	-11	-13	-15	-15	-11	-6	-6	-1	10	11	12	13	20	-1	-47	-93	-95	-84	
6	-76	-71	-64	-61	-53	-60	-49	-55	-49	-63	-58	-49	-41	-48	-47	-46	-44	-49	-51	-49	-50	-44	-45	-42	
7	-34	-28	-25	-22	-24	-24	-27	-26	-22	-23	-22	-15	-20	-17	-14	-13	-11	-12	-14	-17	-20	-21	-19	-17	
8	-14	-13	-11	-11	-12	-14	-13	-11	-9	-9	-10	-12	-13	-13	-13	-13	-13	-13	-13	-13	-15	-17	-19	-15	
9	-11	-9	-9	-8	-8	-7	-7	-5	-3	-2	1	2	2	2	6	8	9	10	11	12	15	11	6	7	
10	5	5	0	-3	-4	-6	-7	-7	-6	-2	-0	1	2	3	3	3	2	-2	-6	-9	-10	-0	-2	5	
11	6	6	-2	-3	-4	-2	-4	-8	-10	-5	-1	1	6	11	15	20	22	23	23	22	12	6	5	9	
12	8	6	9	9	15	15	17	13	18	16	22	23	26	30	32	37	30	15	7	16	2	0	-15	-17	
13	-13	-8	-5	-21	-19	-8	-5	-5	-7	-4	-7	-16	-9	-3	0	-4	-8	-12	-12	-13	-18	-34	-28	-18	
14	-16	-11	-16	-13	-9	-13	-14	-9	-8	-8	-10	-12	-17	-16	-13	-14	-18	-22	-26	-21	-19	-18	-20	-16	
15	-10	-3	1	3	2	-1	-2	-3	-5	-13	-14	-10	-3	4	-2	-4	-2	-6	-8	-16	-19	-20	-21	-21	
16	-19	-19	-14	-6	-6	-9	-6	-4	-4	-1	2	-2	-4	-2	-3	-7	-4	-2	-2	-4	-11	-22	-21	-18	
17	-12	-17	-7	-4	-3	-7	-9	-12	-10	-9	-3	-3	-4	-6	-6	-11	-10	-11	-14	-17	-12	-11	-17	-16	
18	-14	-10	-0	4	2	-0	-2	-2	-4	-1	-1	1	1	2	4	4	1	3	3	4	2	-0	-2	1	
19	-1	1	4	4	3	3	3	4	7	7	7	10	9	6	2	0	1	3	3	4	5	6	6	5	
20	4	3	3	4	4	7	10	11	9	7	6	5	6	8	8	8	8	5	-0	-0	2	9	12	14	
21	15	15	18	17	18	19	18	20	18	15	16	15	13	13	10	8	9	10	13	12	15	12	16	13	
22	10	14	19	16	20	15	7	-0	-5	-7	2	6	8	4	1	-2	-9	-8	-10	-11	-6	-9	-18	-15	
23	-2	-28	-24	-26	-32	-35	-34	-23	-13	-6	-0	-0	2	-1	-6	-10	-9	-7	-13	-14	-14	-12	-17	-24	
24	-27	-24	-20	-14	-12	-16	-9	-2	-2	-4	-6	-4	-7	-7	-9	-7	-6	-10	-17	-18	-17	-13	-8	-6	
25	-6	-3	-1	1	0	2	4	6	6	8	9	9	12	14	11	4	2	2	1	-1	-5	-11	-11	-15	
26	-24	-27	-23	-17	-15	-16	-13	-15	-19	-19	-10	-6	-8	-8	-12	-10	-10	-8	-17	-26	-36	-43	-48	-38	
27	-49	-43	-31	-28	-30	-25	-17	-18	-28	-35	-25	-15	-11	-14	-20	-19	-16	-13	-14	-21	-26	-24	-20	-18	
28	-19	-25	-31	-29	-30	-24	-26	-20	-15	-18	-13	-11	-11	-9	-12	-16	-16	-13	-12	-14	-12	-13	-16	-19	
29	-16	-16	-15	-17	-18	-23	-22	-12	-16	-21	-16	-12	-10	-10	-20	-19	-16	-16	-15	-14	-17	-18	-20	-23	
30	-14	-7	-9	-8	-9	-8	-3	-1	-6	-7	-7	-4	-3	-2	-3	-5	-6	-8	-11	-14	-15	-15	-18	-17	

MAY 1968

DAY	UNIT=GA4MAS																						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	-12	-10	-4	-4	-6	-2	2	4	2	1	2	1	2	2	1	7	3	1	-6	-16	-17	-23	-40	-45
2	-41	-30	-29	-27	-26	-24	-16	-9	-7	-8	-11	-14	-11	-10	-3	-10	-7	-1	-4	-4	4	5	4	3
3	-2	-1	2	-1	-3	-7	-13	-9	-8	-8	-8	-7	-10	-10	-6	-1	1	1	2	5	4	3	0	-1
4	-5	-1	-5	-3	-5	-2	3	5	1	1	2	1	-1	-2	-4	-4	-5	-7	-7	-6	-5	-4	-0	-2
5	-4	-2	-0	-3	-4	-2	4	7	7	4	2	3	3	1	-3	-2	-1	2	5	7	5	6	7	7
6	0	5	6	7	6	15	24	24	20	20	20	20	20	20	18	18	28	25	23	15	12	11	13	15
7	24	28	37	58	62	9	-55	-98	-86	-75	-73	-69	-32	-34	-49	-59	-57	-61	-58	-56	-58	-59	-53	-45
8	-37	-32	-31	-33	-37	-33	-30	-27	-24	-25	-29	-28	-23	-19	-18	-16	-17	-19	-23	-26	-29	-25	-21	-17
9	-13	-23	-28	-38	-40	-36	-26	-18	-23	-31	-35	-31	-28	-29	-31	-31	-32	-34	-34	-40	-43	-43	-41	-41
10	-41	-41	-39	-42	-48	-34	-17	-9	-5	-4	-1	-2	-5	-4	-4	4	8	10	7	5	2	2	8	7
11	5	-1	-4	-9	-10	-5	-6	-0	0	1	4	8	4	-1	-1	2	2	5	3	2	6	9	4	-3
12	-21	-18	-21	-35	-37	-31	-27	-20	-16	-15	-14	-15	-19	-11	-10	-12	-10	-5	-2	-1	-4	-2	7	7
13	-3	-15	-11	-11	-13	-7	3	6	1	-5	-4	-2	-1	1	-1	-3	-3	-10	-11	-9	-7	-6	-5	-4
14	-6	-11	-14	-14	-19	-16	-8	0	3	1	4	2	2	1	-0	1	2	5	5	9	11	10	8	4
15	1	-2	-4	-8	-12	-2	-1	-6	-9	-8	-3	1	2	2	1	1	-2	-2	-1	5	8	6	1	-4
16	-13	-11	-18	-19	-18	-9	-0	1	-3	-2	-6	-9	-16	-24	-22	-23	-26	-28	-27	-24	-19	-10	-4	-4
17	-11	-15	-21	-26	-26	-19	-5	-3	-5	-10	-11	-8	-7	-2	14	10	1	-5	-16	-16	-8	-6	-1	7
18	2		-10	-16	-17	-15	-8	4	-1	-4	-0	1	5	7	10	5	-12	-21	-22	-18	-15	-18	-21	-20
19	-11	-7	-9	-14	-11	-6	-1	0	-5	-5	-4	-3	-5	-1	-1	-3	-7	-6	-11	-11	-12	-15	-10	-5
20	-12	-32	-41	-38	-41	-30	-22	-17	-25	-32	-31	-26	-24	-26	-27	-25	-20	-14	-3	4	7	0	-11	-19
21	-21	-21	-19	-24	-22	-16	-9	-7	-3	-4	-10	-12	-14	-20	-29	-23	-26	-31	-34	-35	-34	-38	-37	-31
22	-37	-42	-54	-54	-50	-50	-43	-41	-36	-32	-27	-22	-22	-20	-18	-17	-17	-17	-15	-17	-17	-17	-19	-25
23	-19	-14	-18	-21	-20	-16	-13	-8	-11	-13	-13	-16	-17	-15	-11	-10	-9	-6	-10	-9	-9	-12	-19	-34
24	-38	-40	-43	-35	-33	-28	-30	-32	-31	-28	-25	-30	-30	-25	-23	-21	-21	-18	-19	-21	-17	-15	-18	-16
25	-15	-15	-17	-21	-21	-16	-11	-9	-10	-9	-11	-12	-12	-10	-9	-9	-12	-14	-11	-12	-11	-9	-6	-2
26	-3	-7	-14	-21	-19	-16	-7	-3	-4	-7	-7	-7	-2	0	1	-1	-1	2	4	6	5	0	-0	-0
27	-2	-2	-0	-0	2	5	9	9	11	12	14	15	18	21	22	24	21	18	15	11	13	13	11	9
28	11	11	12	11	11	10	13	16	15	14	12	8	9	11	6	7	4	5	5	7	7	5	2	2
29	-1	-5	-12	-21	-22	-15	-12	-11	-12	-15	-8	-2	0	-2	-4	-9	-10	-8	-3	5	9	6	7	11
30	11	9	4	-1	-8	-3	-2	-0	1	1	2	6	10	8	6	10	13	8	-4	-3	-3	-4	-1	-1
31	-8	-7	-5	-14	-16	-14	-5	-3	-4	-3	-2	-4	-5	-2	2	4	5	-2	-1	4	10	10	11	9

JUNE 1968

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	1	3	4	6	9	12	19	25	12	12	12	16	14	4	-1	2	6	1	3	3	0	-15
2	-14	-19	-19	-14	-27	-26	-24	-20	-18	-11	-8	-8	-10	-8	-2	-4	-4	-2	-6	-5	-4	2	-4	-9
3	-13	-14	-13	-13	-10	-11	-11	-7	-6	1	3	-1	-3	-5	-2	2	6	5	2	2	-1	-9	-9	-6
4	-9	-11	-9	-12	-11	-5	1	3	3	3	1	-1	-0	-2	-2	-3	-3	0	1	5	6	3	-3	-6
5	-6	-6	-4	-4	-8	-4	-1	3	3	3	3	1	-4	-3	-3	-7	-8	-7	-6	-2	1	-1	6	10
6	10	10	7	4	2	5	6	6	7	7	5	1	-2	-1	-1	-0	-0	-4	-10	-6	3	4	6	10
7	8	12	11	13	12	10	14	15	4	2	10	10	9	10	10	10	5	0	1	6	10	9	10	12
8	15	15	18	14	13	9	8	9	9	11	12	9	8	5	9	14	11	13	16	15	18	18	15	17
9	13	9	7	6	2	-0	3	7	9	15	14	12	13	17	18	14	10	6	-3	-4	-3	-10	-13	-5
10	-8	-15	-23	-23	-13	-13	-25	-34	-22	-27	-19	-21	-21	-23	-21	-16	-18	-21	-25	-22	-26	-31	-17	-41
11	-35	-39	-53	-45	-52	-94	-80	-62	-64	-59	-75	-66	-62	-71	-53	-52	-58	-61	-61	-59	-68	-58	-57	-65
12	-67	-65	-68	-75	-79	-73	-54	-52	-48	-42	-51	-52	-53	-53	-54	-58	-63	-63	-65	-59	-51	-54	-52	-49
13	-51	-53	-61	-70	-70	-82	-80	-53	-57	-60	-64	-58	-40	-48	-48	-49	-52	-56	-59	-51	-54	-59	-56	-44
14	-42	-45	-36	-32	-33	-27	-20	-28	-30	-39	-47	-48	-50	-52	-53	-43	-45	-41	-47	-49	-46	-51	-53	-47
15	-40	-35	-33	-31	-29	-24	-24	-26	-23	-20	-17	-15	-14	-16	-16	-16	-12	-14	-20	-21	-16	-16	-13	-13
16	-12	-12	-15	-15	-13	-13	-9	-6	-2	1	1	-0	-13	-14	-13	-11	-16	-22	-28	-21	-21	-24	-31	-29
17	-33	-39	-32	-27	-27	-13	-24	-28	-36	-32	-29	-28	-26	-27	-28	-29	-27	-26	-26	-26	-22	-20	-25	-27
18	-25	-31	-29	-27	-23	-21	-21	-20	-23	-17	-11	-4	-7	-12	-16	-13	-16	-19	-25	-25	-23	-24	-21	-21
19	-23	-27	-23	-22	-26	-25	-23	-19	-15	-16	-16	-18	-22	-24	-22	-23	-23	-24	-26	-20	-19	-19	-25	-24
20	-20	-17	-17	-15	-14	-14	-12	-8	-5	1	3	4	6	5	5	8	12	11	9	7	0	-9	-12	-7
21	-2	0	2	4	4	2	0	1	4	6	6	8	13	11	11	11	8	7	7	6	6	5	6	7
22	5	3	2	6	13	13	10	6	-2	-10	-12	-14	-17	-13	-12	-13	-15	-16	-16	-19	-13	-16	-17	-12
23	-10	-11	-12	-11	-11	-16	-14	-10	-12	-10	-9	-7	-8	-8	-8	-7	-4	-5	-4	-5	-5	-6	-6	-5
24	-6	-6	-8	-7	-6	-4	-2	-1	-0	0	1	1	2	2	2	4	7	11	13	12	8	3	1	2
25	1	-1	-1	1	3	4	4	4	3	3	6	8	9	8	8	8	12	17	14	12	16	17	19	11
26	3	-2	9	15	20	17	19	20	21	24	23	22	17	21	24	22	23	23	14	11	13	14	7	13
27	11	8	4	4	6	5	5	5	8	11	12	9	14	15	15	9	8	8	10	13	8	6	-1	-1
28	-2	-2	-1	1	1	4	5	7	6	4	7	10	12	12	13	9	7	6	2	2	1	-3	0	3
29	1	2	5	10	11	9	12	13	12	12	12	11	10	13	12	10	8	5	10	14	3	-1	-2	-1
30	0	2	-8	-11	-4	-4	0	2	0	1	1	-0	-1	-2	-5	-7	-7	-6	-4	-1	2	-5	-10	-14

JULY 1968

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	-21	-23	-23	-19	-17	-16	-14	-12	-12	-10	-11	-13	-12	-12	-14	-14	-13	-14	-15	-13	-8	-4	-5
2	-6	-15	-15	-6	-3	-3	-4	-5	-4	-5	-6	-1	-0	-1	-3	-4	-7	-5	-6	-9	-10	-10	-8	-10
3	-7	-12	-18	-14	-10	-17	-18	-20	-13	-6	-2	2	1	-2	0	3	1	-7	-6	-4	-3	-5	-5	-4
4	-9	-14	-16	-10	-9	-10	-4	-9	-18	-12	-4	1	-5	-6	-6	-6	-6	-8	-5	-4	-3	1	1	-2
5	-8	-14	-16	-16	-6	-4	-2	1	-1	-2	-5	-5	-4	-4	-1	-2	-4	-0	3	6	7	5	2	-3
6	-8	-13	-11	-3	-2	-0	3	6	5	3	5	6	5	2	1	1	5	7	5	4	3	3	5	2
7	-1	-3	-4	1	5	4	1	1	1	-5	-4	-3	-6	-4	-2	-2	2	4	3	-2	-6	-6	-1	-0
8	1	-3	-5	-5	1	0	7	3	1	4	3	5	8	9	9	9	8	14	12	9	6	-1	-4	-1
9	0	3	8	10	10	6	3	3	2	6	6	3	3	5	9	14	16	19	20	19	22	27	41	45
10	41	51	25	20	6	-9	-4	-9	-5	-5	-13	-7	-3	-16	-24	-21	-20	-22	-12	-3	-6	-5	-17	-15
11	-17	-19	-18	-24	-13	-8	-12	-13	-14	-13	-10	-9	-3	-2	0	-2	-7	-8	-9	-6	-7	-12	-17	-22
12	-27	-34	-33	-27	-23	-16	-12	-9	-7	-8	-7	-5	-4	-6	-8	-11	-12	-7	-0	3	5	-1	-8	-12
13	-11	-7	-6	-2	2	-1	2	1	-2	-4	-4	-4	-6	-7	-5	-5	15	20	4	-8	-25	-31	-39	-41
14	-37	-59	-70	-68	-65	-50	-39	-36	-35	-35	-30	-27	-25	-25	-23	-23	-21	-16	-17	-17	-16	-17	-22	-24
15	-19	-23	-23	-16	-13	-11	-12	-11	-12	-13	-12	-10	-12	-12	-13	-14	-13	-10	-9	-3	-0	-5	-6	-7
16	-12	-11	-8	-4	-7	-5	-0	2	2	-2	-2	-0	0	2	9	10	4	18	18	14	10	7	3	1
17	-3	-9	-11	-11	-10	-7	0	4	3	1	1	0	1	3	3	2	1	-0	0	-1	-4	1	4	1
18	-6	-12	-10	-13	-10	-9	-6	-4	-2	-1	-1	-1	-6	-9	-15	-15	-13	-11	-12	-7	-3	-2	0	1
19	1	-1	-3	-2	-3	-1	2	2	-2	-2	-2	-1	3	4	4	3	6	6	9	10	6	-3	1	-3
20	-12	-10	-6	-3	-0	-0	1	3	4	4	6	6	3	3	3	3	4	8	8	6	5	3	3	4
21	1	-4	-3	-1	-2	2	5	6	9	11	14	13	7	2	4	8	10	10	7	12	16	11	5	4
22	1	-1	-2	0	2	-10	-11	-6	-2	-18	-22	-16	-19	-21	-17	-14	-10	-7	-11	-12	-12	-14	-6	-5
23	-6	-10	-18	-26	-23	-21	-20	-17	-7	-3	-2	-2	-3	-7	-11	-10	-8	-2	-4	-6	-9	-15	-19	-18
24	-14	-9	-3	-4	-5	-4	-4	-6	-5	-4	-1	1	3	3	3	4	6	7	6	5	3	-0	-4	-7
25	-11	-8	-7	-5	-1	1	1	3	7	8	12	15	21	13	8	9	11	14	14	12	10	9	9	13
26	12	13	10	3	4	8	12	10	7	5	-0	3	0	-1	-2	-1	-1	-0	4	-1	1	5	6	3
27	-11	-15	-13	-12	-13	-11	-7	-5	-3	-4	-5	-7	-14	-12	-13	-17	-16	-16	-13	-8	-8	-10	-7	-2
28	-2	2	2	2	6	4	7	5	2	0	2	6	1	-2	-1	2	-2	-1	-1	-2	1	-1	-3	-3
29	-3	-2	1	4	7	7	6	6	6	5	6	7	7	7	4	0	-1	-4	-6	-4	-1	-1	-1	-6
30	-11	-11	-3	3	8	11	14	15	14	14	15	14	9	3	3	8	11	13	14	13	11	8	6	6
31	-0	-3	2	2	1	4	8	9	6	6	5	2	0	0	-1	-5	-3	1	3	5	7	8	7	6

AUGUST 1968

NOT REPRODUCIBLE

UNIT=GA MMAS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	G.M.T.		
DAY																								23	24	
1	6	3	11	13	12	13	13	11		9	5	6	8	8	6	4	3		2	2	5	8	9	9	10	9
2	5	3	3	1	4	6	7	10		11	9	5	5	1	-1	-2	-2		-5	-5	-1	2	3	2	7	9
3	8	12	15	12	1	1	2	-2		-8	-2	5	7	7	3	12	10		15	13	8	8	1	0	6	11
4	12	3	15	7	3	2	-1	4		5	5	10	10	4	0	2	2		2	5	7	9	6	1	3	6
5	6	9	13	7	3	3	8	12		10	8	10	5	6	7	7	5		6	7	14	19	26	24	22	20
6	16	17	11	-1	-6	-4	-3	-2		3	6	8	7	6	7	8	5		2	7	4	1	-2	0	-0	-1
7	-11	-23	-19	-9	-2	-4	-8	-15		-11	-5	-3	-1	-2	-6	-6	-5		-2	-1	-4	-6	-6	-4	-0	3
8	-6	-2	-4	-1	2	-3	-3	0		-1	-1	1	1	-4	-7	-4	-1		-3	-4	-11	-11	-10	-10	-9	-9
9	-11	-4	-3	7	8	2	1	1		1	2	4	5	3	6	6	3		-1	-5	-8	-8	-14	-12	-11	-21
10	-16	-11	-0	0	-1	-0	-1	-5		-3	0	5	5	7	5	4	2		-1	-1	-1	-3	-7	-13	-16	-19
11	-16	-13	-6	-0	-2	-5	-4	-1		0	1	2	2	3	3	3	3		2	-2	-2	0	-0	0	1	3
12	0	-3	4	11	14	11	7	9		8	5	5	8	9	12	13	11		10	10	7	4	0	3	8	6
13	11	14	19	16	12	9	9	11		12	14	15	16	21	22	20	18		12	6	9	10	6	11	12	-2
14	-12	-5	-7	-7	-15	-14	-12	-11		-15	-13	-15	-11	-5	0	-0	-1		-1	-3	-7	-11	-13	-12	-13	-12
15	-15	-14	-16	-12	-30	-23	-17	-24		-21	-19	-17	-20	-19	-17	-20	-16		-13	-15	-19	-23	-24	-23	-21	-24
16	-31	-25	-21	-20	-22	-31	-34	-34		-27	-20	-19	-16	-16	-17	-15	-18		-24	-22	-27	-26	-32	-36	-31	-20
17	-31	-23	-17	-23	-41	-48	-42	-37		-32	-23	-22	-20	-18	-15	-28	-39		-36	-36	-36	-36	-39	-34	-20	-17
18	-17	-11	-11	-18	-25	-31	-29	-32		-27	-28	-18	-16	-17	-16	-12	-16		-20	-22	-25	-27	-30	-31	-24	-21
19	-21	-15	-13	-13	-15	-18	-19	-17		-16	-15	-8	-7	-6	-6	-6	-8		-10	-11	-13	-16	-16	-16	-15	-13
20	-11	-3	-5	-2	-7	-7	-8	-8		-7	-4	-6	-7	-4	-1	-1	-4		-10	-14	-17	-19	-21	-21	-22	-26
21	-20	-20	-16	-14	-10	-12	-12	-14		-10	-6	-6	-11	-12	-11	-8	-7		-4	-1	-1	2	4	2	2	1
22	0	5	5	1	-2	-3	-3	-1		1	3	4	-2	-5	2	7	7		6	2	-1	1	2	-3	-13	-19
23	-19	-14	-13	-10	-14	-23	-20	-20		-19	-19	-18	-20	-22	-19	-18	-16		-18	-8	-7	-7	-13	-3	-8	-18
24	-12	-15	-17	-8	-7	-21	-31	-29		-27	-26	-29	-26	-26	-16	-13	-16		-17	-17	-23	-23	-27	-29	-26	-21
25	-15	-14	-12	-12	-13	-13	-12	-12		-10	-8	-6	-3	0	3	6	8		8	3	-3	-4	-10	-9	-15	-16
26	-15	-12	-8	-6	-5	-5	-5	-3		-4	-6	-3	-2	-2	-2	1	-2		-4	-4	-5	-7	-6	-5	-6	-9
27	-8	-9	-10	-8	-2	2	2	-3		-1	0	-2	0	5	9	13	15		13	12	10	7	6	3	3	5
28	8	-1	12	11	8	3	4	6		7	6	8	8	9	11	13	12		11	13	13	11	9	8	4	1
29	2	4	5	9	11	11	10	9		8	8	6	5	6	7	9	11		13	14	12	11	11	12	13	11
30	8	3	-3	2	4	4	4	4		6	6	7	10	14	18	20	22		23	22	17	17	19	14	10	10
31	11	6	-3	-3	4	5	13	20		22	22	8	-1	-10	-13	-17	-26		-28	-28	-28	-26	-18	-18	-18	-15

SEPTEMBER 1968

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	-23	-27	-29	-28	-29	-30	-26	-19	-19	-15	-13	-13	-10	-6	-4	-3	-3	-3	0	4	4	2	-1
2	-5	1	-1	-3	-5	-4	-4	-1	2	2	2	7	8	-0	4	3	0	-2	-2	0	3	3	3	9
3	17	16	20	18	4	-0	-5	-6	-1	-5	-6	-6	-7	-8	-4	-6	-6	-7	-8	1	-6	-8	3	8
4	-1	-7	-7	-10	-18	-20	-15	-9	-1	-6	-6	-3	-3	-3	-1	-2	-3	-5	-9	-7	-6	-5	-3	1
5	3	2	2	-3	-7	-7	-13	-14	-7	-5	-3	-2	-6	2	3	3	5	5	5	4	3	-3	-5	-8
6	-6	1	-1	-2	-4	-14	-18	-14	-9	-9	-8	-8	-9	-4	2	8	12	11	6	9	11	-8	-26	-28
7	-22	-12	-11	-13	-16	-12	-10	-6	-1	2	1	-1	2	-2	1	-2	-3	-9	-7	-7	-17	-32	-39	-52
8	-62	-73	-78	-75	-84	-77	-87	-95	-93	-66	-73	-73	-62	-70	-74	-78	-72	-61	-67	-62	-53	-47	-42	-37
9	-37	-32	-32	-34	-29	-22	-25	-24	-23	-26	-28	-26	-29	-30	-25	-21	-24	-21	-18	-10	-3	-3	-7	-13
10	-23	-22	-26	-29	-25	-19	-19	-16	-12	-6	-14	-12	-10	-11	-11	-12	-13	-14	-11	-3	-2	-2	-7	-9
11	-11	-14	-21	-18	-16	-18	-14	-11	-11	-9	-9	-7	-6	-7	-7	-7	-4	-0	-1	1	2	1	0	-4
12	-6	-4	-4	-9	2	-16	-16	-12	-15	-19	-21	-16	-13	-13	-7	-3	-2	-2	-4	-4	-7	-7	-17	-20
13	-30	-35	-46	-52	-55	-55	-48	-35	-29	-22	-17	-24	-30	-27	-23	-19	-17	-15	-21	-22	-14	-18	-25	-26
14	-36	-45	-41	-57	-52	-41	-36	-31	-25	-27	-23	-30	-22	-19	-20	-16	-10	-6	-6	-7	-14	-28	-23	-21
15	-25	-25	-41	-45	-30	-26	-25	-18	-21	-21	-15	-11	-11	-13	-6	-2	-2	-3	-11	-14	-19	-22	-27	-28
16	-27	-26	-23	-25	-26	-29	-30	-27	-23	-21	-19	-17	-13	-4	1	3	5	4	1	-4	-10	-15	-14	-11
17	-8	-9	-11	-14	-11	-11	-11	-9	-9	-13	-12	-12	-13	-13	-11	-5	-3	-4	-8	-10	-9	-10	-10	-6
18	-7	-9	-10	-9	-8	-6	-2	-1	1	-2	-1	-1	-1	1	-0	-2	-4	-5	-5	-5	-5	-6	-7	-6
19	-0	5	15	2	-5	-16	-18	-23	-25	-20	-17	-16	-16	-13	-12	-9	-8	-8	-6	-6	-7	-7	-6	-4
20	-5	-3	-8	-17	-16	-9	-7	-6	-5	-6	-6	-6	-7	-7	-4	-3	-1	2	1	-6	-6	-8	-11	-8
21	-6	-3	-1	-0	-1	-4	-12	-10	-8	-6	-5	-4	-5	-8	-2	1	5	2	5	5	-4	-4	-0	1
22	-4	-8	-2	1	3	3	1	0	-1	-1	-1	0	-5	-3	2	5	8	9	10	4	-2	-13	-29	-19
23	-8	-15	-26	-39	-32	-21	-20	-20	-19	-25	-26	-20	-14	-10	-14	-15	-20	-14	-16	-21	-27	-31	-32	-30
24	-27	-23	-19	-16	-13	-11	-10	-9	-8	-10	-11	-11	-11	-11	-10	-10	-9	-9	-10	-15	-20	-21	-21	-20
25	-17	-13	-9	-8	-4	-1	0	0	-1	-3	-5	-4	-5	-6	-7	-6	-3	-1	-1	2	3	3	2	4
26	-0	-0	3	4	7	10	10	8	7	9	10	11	10	7	6	4	2	4	7	12	14	15	15	13
27	8	3	3	7	8	11	13	14	11	9	7	6	4	5	6	7	10	11	12	9	8	6	5	7
28	6	2	4	8	10	12	14	12	12	11	7	11	9	8	8	7	12	14	15	14	13	9	13	13
29	8	6	7	9	6	3	4	2	5	3	3	5	6	9	12	16	21	17	13	7	3	5	13	14
30	10	8	7	9	12	15	15	13	11	9	8	4	4	5	9	16	16	15	15	9	1	-3	-5	-4

OCTOBER 1968

UNIT=GAMMAS		G.M.T.																							
DAY	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	-12	-20	-31	-22	-17	-17	-14	-14	-18	-15	-6	-3	-6	-8	-7	-5	-10	-12	-18	-21	-19	-17	-23	
2	-31	-48	-38	-24	-37	-62	-71	-53	-39	-44	-33	-33	-50	-36	-27	-36	-42	-42	-49	-52	-50	-43	-45	-44	
3	-42	-56	-53	-44	-38	-41	-47	-52	-50	-52	-41	-36	-35	-37	-41	-41	-39	-36	-35	-35	-35	-32	-26	-23	
4	-22	-25	-26	-27	-25	-23	-23	-24	-23	-22	-22	-25	-26	-26	-28	-28	-27	-28	-31	-28	-24	-21	-25	-26	
5	-23	-19	-15	-11	-10	-13	-16	-20	-22	-20	-18	-20	-24	-24	-27	-26	-23	-20	-18	-17	-16	-16	-18	-15	
6	-18	-13	-14	-8	-6	-5	9	18	16	7	5	1	-0	-1	-1	1	5	6	2	-0	3	4	6	6	
7	11	13	8	1	7	8	10	-7	-11	-9	-8	-7	-9	-9	-4	-5	5	15	-7	-14	-18	-21	-19	-21	
8	-29	-21	-13	-12	-11	-11	-10	-11	-11	-10	-10	-6	-7	-9	-10	-13	-10	-8	-12	-15	-14	-15	-19	-22	
9	-20	-25	-23	-16	-10	-5	-3	-2	-2	0	1	2	2	-1	-2	2	3	-3	-2	-4	-3	-11	-18	-24	
10	-29	-21	-12	-4	-1	-1	-4	-9	-9	-6	-2	-0	-1	-1	1	-1	1	1	-2	-6	-8	-6	-5	0	
11	1	-1	-1	5	8	9	7	4	7	9	8	8	6	4	2	1	1	6	5	5	9	11	8	6	
12	8	-9	-22	-39	-55	-64	-53	-51	-51	-45	-47	-28	-35	-40	-32	-31	-33	-35	-52	-61	-69	-68	-76	-84	
13	-78	-73	-64	-51	-51	-41	-43	-38	-36	-34	-33	-35	-37	-43	-43	-44	-43	-37	-36	-35	-37	-39	-45	-46	
14	-45	-36	-37	-42	-38	-35	-32	-32	-33	-29	-24	-19	-15	-20	-25	-27	-25	-26	-28	-31	-30	-34	-34	-31	
15	-26	-23	-22	-19	-16	-14	-14	-15	-18	-19	-15	-15	-19	-21	-23	-24	-23	-25	-25	-24	-25	-26	-24	-22	
16	-16	-16	-13	-12	-7	-5	-11	-11	-12	-13	-10	-8	-6	-8	-11	-6	-2	3	3	2	4	-6	-9	-9	
17	-9	-10	-10	-11	-10	-9	-11	-9	-8	-11	-9	-8	-10	-7	-6	-6	-5	-9	-11	-14	-19	-22	-17	-21	
18	-19	-17	-12	-6	-14	-12	-10	-9	-11	-12	-7	-5	-7	-7	-8	-7	-2	1	2	-4	-4	-3	-10	-15	
19	-12	-11	-8	-7	-3	2	2	-1	-1	1	3	2	3	4	5	3	4	3	2	-15	-34	-32	-33	-32	
20	-29	-26	-20	-15	-12	-12	-12	-18	-19	-19	-15	-14	-15	-12	-12	-11	-12	-15	-19	-22	-20	-19	-16	-16	
21	-15	-12	-9	-5	-2	1	-1	-4	-6	-6	-6	-5	-4	-4	-3	-6	-7	-8	-3	-5	-7	-7	-7	-9	
22	-6	-2	2	2	2	0	1	2	3	3	2	1	-0	1	2	0	-2	-4	-9	-12	-12	-9	-8	-8	
23	-7	-4	-1	3	9	11	9	7	7	8	8	7	6	6	7	8	6	5	10	11	9	9	13	10	
24	11	13	17	21	26	21	16	14	13	13	11	11	7	3	-3	4	7	-0	-9	-17	-17	-18	-18	-17	
25	-13	-7	1	3	3	-1	-1	-5	-14	-20	-22	-23	-23	-15	-18	-16	-14	-11	-8	-8	-10	-13	-13	-12	
26	-10	-11	-9	-4	2	3	-1	-4	-5	-2	1	4	2	2	1	-2	-2	-0	7	7	5	7	8	1	
27	-7	-2	0	1	4	7	-1	-3	1	3	1	-3	3	2	1	-0	-0	-2	-2	-2	-5	-7	-8	-10	
28	-7	-3	-3	-2	-1	-0	5	6	9	11	11	12	10	6	3	2	1	1	-0	1	3	12	9	-4	
29	-11	-9	-5	-1	2	-3	3	10	9	25	28	27	21	13	15	16	2	-27	-25	-25	-20	-55	-65	-63	
30	-57	-52	-46	-38	-37	-35	-32	-36	-38	-35	-27	-33	-35	-35	-40	-37	-41	-33	-33	-29	-30	-29	-33	-35	
31	-40	-44	-48	-50	-59	-62	-65	-57	-59	-29	-37	-33	-33	-46	-123	-202	-198	-201	-206	-205	-205	-189	-175	-160	

NOVEMBER 1968

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	-157	-153	-127	-121	-120	-115	-110	-106	-102	-91	-83	-84	-102	-120	-104	-114	-122	-129	-128	-157	-155	-183	-226	-231
2	-192	-195	-194	-193	-176	-175	-171	-166	-157	-128	-125	-121	-111	-106	-99	-100	-95	-81	-72	-68	-75	-83	-98	-119
3	-127	-144	-134	-117	-111	-108	-96	-89	-87	-85	-79	-75	-61	-59	-71	-73	-72	-63	-64	-72	-79	-86	-89	-85
4	-81	-78	-77	-75	-72	-59	-60	-66	-69	-67	-58	-53	-46	-58	-56	-56	-55	-53	-53	-52	-63	-61	-55	-58
5	-00	-60	-61	-57	-54	-52	-51	-51	-52	-51	-51	-49	-44	-40	-40	-43	-44	-44	-38	-39	-44	-48	-43	-39
6	-37	-34	-37	-41	-37	-36	-36	-35	-33	-35	-34	-33	-31	-28	-25	-26	-28	-27	-26	-24	-28	-30	-30	-40
7	-46	-48	-55	-60	-63	-72	-65	-60	-67	-57	-58	-57	-51	-41	-38	-36	-36	-35	-35	-31	-29	-29	-32	-33
8	-31	-30	-31	-33	-32	-33	-36	-39	-41	-44	-48	-48	-44	-39	-32	-32	-34	-32	-29	-31	-38	-40	-45	-50
9	-53	-55	-49	-54	-53	-48	-41	-43	-47	-51	-45	-36	-37	-38	-40	-40	-38	-34	-32	-32	-30	-32	-34	-33
10	-35	-34	-34	-36	-35	-35	-36	-36	-36	-37	-37	-35	-29	-29	-25	-26	-27	-28	-31	-31	-36	-39	-39	-40
11	-38	-44	-49	-46	-48	-48	-49	-45	-44	-47	-46	-47	-42	-32	-32	-32	-31	-31	-30	-27	-26	-26	-28	-31
12	-31	-28	-29	-29	-28	-26	-25	-24	-23	-23	-25	-27	-26	-24	-21	-18	-17	-15	-13	-14	-15	-15	-15	-16
13	-14	-14	-13	-12	-11	-12	-9	-9	-6	-8	-14	-15	-14	-11	-11	-12	-12	-12	-10	-12	-20	-19	-16	-15
14	-16	-17	-17	-13	-10	-10	-9	-7	-6	-7	-6	-3	-1	0	1	-1	-1	-6	-4	-5	-8	-14	-10	-5
15	-5	-3	-4	-1	-2	-1	-2	-0	-6	-8	-7	-7	-7	-8	-8	-9	-11	-10	-10	-8	-10	-10	-13	-13
16	-13	-14	-16	-12	-13	-10	-8	-8	-7	4	12	22	24	16	34	33	34	35	33	24	9	-5	-15	-4
17	-6	-19	-16	-15	-17	-19	-24	-22	-27	-26	-25	-23	-15	-16	-24	-30	-35	-44	-39	-45	-58	-60	-61	-58
18	-58	-61	-62	-72	-81	-82	-82	-84	-81	-64	-58	-53	-48	-44	-37	-33	-20	-12	-14	-14	-20	-29	-37	-39
19	-36	-35	-39	-44	-47	-46	-42	-40	-36	-32	-32	-29	-27	-26	-22	-18	-16	-13	-13	-16	-19	-17	-15	-12
20	-12	-14	-18	-21	-18	-15	-13	-11	-10	11	10	4	-0	-14	-25	-40	-37	-44	-47	-46	-39	-35	-30	-23
21	-21	-20	-22	-26	-33	-33	-29	-29	-29	-27	-25	-25	-25	-23	-25	-27	-28	-29	-32	-30	-27	-28	-33	-33
22	-31	-31	-30	-27	-25	-21	-20	-21	-21	-20	-18	-16	-15	-14	-10	-9	-9	-8	-6	-8	-10	-13	-14	-11
23	-9	-12	-15	-19	-20	-15	-14	-17	-18	-18	-18	-14	-11	-7	-7	-5	-4	-0	1	-0	-1	-1	3	10
24	19	18	13	10	9	11	10	9	7	5	4	8	10	13	13	11	19	17	16	15	15	16	14	13
25	6	1	3	5	5	2	0	2	2	-3	-4	-1	-2	-2	-3	-7	-10	-10	-12	-13	-11	-10	-8	-7
26	-7	-9	-10	-8	-7	-5	-4	-5	-4	-6	-6	0	2	2	-3	-6	-10	-10	-6	-10	-11	-8	-12	-11
27	-8	-15	-18	-20	-23	-19	-17	-18	-17	-16	-13	-10	-7	-5	-5	-3	-3	-3	-6	-14	-17	-15	-13	-13
28	-14	-11	-11	-14	-13	-11	-10	-12	-12	-17	-22	-22	-17	-11	-11	-11	-10	-7	-11	-7	-2	5	2	2
29	4	11	7	2	-5	-5	-6	-8	-7	-9	-11	-7	-8	-11	-10	-8	-7	-8	-7	-5	-2	-3	-3	-0
30	2	3	1	-3	-4	-4	-4	-4	-4	-4	-4	-3	-6	-7	-7	-7	-5	-7	-10	-9	-10	-6	-4	-7

DECEMBER 1968

NOT REPRODUCIBLE

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	-13	-14	-15	-19	-19	-14	-10	-11	-12	-18	-20	-18	-21	-15	-17	-21	-21	-20	-19	-15	-10	-9	-9
2	-6	-3	-1	-5	-8	-7	-7	-6	-10	-15	-9	-8	-7	-5	-3	-1	-6	-1	0	0	0	1	-4	-4
3	1	6	6	-7	-21	-27	-23	-20	-22	-20	-23	-21	-23	-25	-21	-21	-26	-34	-34	-38	-38	-37	-38	-27
4	-24	-15	-10	-13	-16	-17	-23	-36	-43	-45	-46	-38	-28	-30	-29	-26	-24	-28	-29	-38	-33	-29	-32	-33
5	-29	-21	-14	-19	-29	-31	-24	-20	-27	-29	-39	-34	-22	-22	-25	-24	-26	-28	-31	-35	-33	-41	-46	-49
6	-51	-45	-32	-37	-39	-37	-37	-36	-38	-35	-31	-29	-27	-24	-21	-19	-17	-17	-21	-25	-26	-26	-26	-25
7	-28	-25	-21	-22	-21	-20	-19	-18	-17	-16	-14	-11	-10	-12	-13	-14	-15	-20	-20	-20	-18	-18	-19	-21
8	-22	-21	-16	-18	-21	-24	-28	-33	-28	-27	-29	-28	-26	-18	-15	-12	-13	-14	-20	-23	-21	-19	-26	-32
9	-30	-26	-22	-22	-20	-15	-14	-14	-15	-15	-13	-10	-11	-14	-11	-10	-8	-9	-14	-19	-22	-22	-22	-26
10	-33	-19	-9	-12	-15	-14	-15	-23	-28	-27	-26	-25	-26	-25	-23	-21	-20	-17	-16	-14	-21	-24	-24	-27
11	-24	-16	-13	-14	-15	-14	-11	-12	-13	-13	-12	-10	-11	-11	-8	1	-0	-10	-9	-12	-9	-5	-8	-16
12	-24	-31	-33	-31	-27	-23	-19	-17	-16	-18	-15	-14	-14	-15	-12	-14	-17	-18	-20	-24	-22	-18	-19	-23
13	-26	-24	-15	-16	-16	-14	-10	-8	-8	-9	-10	-8	-10	-12	-10	-14	-18	-21	-19	-13	-20	-21	-22	-26
14	-26	-23	-20	-19	-17	-15	-13	-12	-12	-13	-14	-13	-11	-13	-14	-14	-12	-12	-13	-14	-12	-11	-11	-14
15	-11	-11	-7	-7	-6	-5	-10	-14	-9	-7	-6	-5	-5	-1	1	-5	-8	-6	-6	-6	-8	-11	-9	-3
16	2	7	5	-2	-7	-10	-12	-12	-11	-13	-13	-11	-10	-8	-9	-9	-13	-14	-13	-9	-11	-12	-10	-9
17	-12	-11	-9	-10	-11	-13	-15	-14	-13	-12	-11	-10	-9	-7	-6	-6	-5	-4	-4	-7	-7	-6	-9	-9
18	-6	-2	-5	-4	-1	0	-3	-4	-1	2	2	7	8	5	-1	-0	1	5	2	-1	-2	-11	-10	-10
19	-9	-12	-5	-2	-6	-10	-16	-12	-9	-10	-12	-10	-6	-10	-6	-5	-7	-10	-9	-9	-3	-4	-6	-2
20	3	3	11	9	8	3	-1	-1	0	1	1	-0	-3	-4	-0	4	-1	-6	-5	-3	-1	-6	-2	3
21	1	1	-0	-1	-1	-4	-4	-3	-2	-4	-2	-4	-2	-4	-0	1	-3	-13	-14	-8	-5	-13	-23	-17
22	-20	-14	-13	-21	-21	-20	-18	-21	-20	-19	-19	-16	-18	-15	-13	-10	-15	-18	-18	-14	-15	-17	-16	-17
23	-14	-8	-7	-10	-11	-10	-9	-7	-9	-12	-17	-16	-14	-21	-17	-28	-27	-25	-23	-20	-20	-21	-24	-28
24	-22	-23	-22	-23	-22	-18	-16	-18	-18	-17	-17	-18	-19	-21	-17	-14	-13	-19	-21	-18	-13	-11	-13	-2
25	-5	-4	1	-17	-41	-38	-1	-11	-8	-19	-0	0	-6	-7	-10	-20	-17	-15	-12	-11	-11	-14	-20	-21
26	-19	-17	-13	-13	-12	-9	-6	-4	-4	-5	-3	-6	-7	-9	-7	-8	-9	-7	-8	-3	-4	-5	-5	-6
27	-13	-13	-14	-15	-8	-4	4	-1	-9	-27	-37	-38	-35	-30	-30	-27	-24	-23	-19	-16	-12	-14	-22	-28
28	-29	-26	-24	-27	-23	-16	-8	-5	-8	-9	-8	-9	-16	-11	-8	-7	-9	-13	-13	-14	-17	-16	-17	-22
29	-26	-22	-18	-17	-14	-8	-3	-0	-1	-2	-3	-5	-8	-9	-10	-11	-15	-15	-20	-23	-25	-26	-29	-30
30	-29	-27	-24	-22	-22	-20	-18	-17	-17	-17	-18	-17	-11	-13	-14	-12	-13	-17	-18	-13	-10	-6	-6	-13
31	-19	-16	-15	-15	-13	-10	-8	-7	-7	-5	-5	-2	-1	-1	-3	-1	-7	-11	-12	-13	-15	-21	-25	-18

DAILY MEANS OF EQUATORIAL DST FOR 1968

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
DAY												
1	-71	-4	-33	-41	-7	6	-14	8	-13	-14	-131	-15
2	-72	-18	-27	-22	-12	-11	-6	3	1	-43	-129	-5
3	-48	-30	-31	-20	-3	-5	-7	6	-0	-40	-89	-22
4	-30	-39	-37	-25	-2	-2	-7	5	-6	-25	-62	-29
5	-17	-21	-39	-17	2	-2	-3	11	-2	-19	-48	-29
6	-27	-18	-29	-53	16	3	1	4	-5	1	-32	-30
7	-21	-6	-20	-20	-36	9	-1	-6	-11	-4	-47	-18
8	-14	-17	-13	-13	-26	13	4	-4	-69	-13	-37	-22
9	-8	-40	-7	1	-32	6	13	-2	-23	-7	-41	-17
10	-9	-38	-9	-2	-10	-22	-3	-3	-14	-5	-34	-21
11	-4	-92	-14	6	1	-61	-11	-1	-8	5	-38	-11
12	-22	-51	-9	14	-14	-58	-11	7	-10	-45	-22	-20
13	-23	-32	-5	-12	-5	-57	-7	13	-29	-44	-13	-15
14	-25	-12	-3	-15	-1	-42	-33	-9	-27	-30	-7	-15
15	-23	-21	-24	-7	-2	-21	-12	-19	-19	-21	-7	-7
16	-19	-23	-21	-8	-14	-14	2	-24	-15	-8	6	-9
17	-12	-20	-14	-9	-8	-27	-1	-30	-10	-11	-30	-9
18	-13	-34	-8	-0	-8	-20	-7	-22	-4	-8	-49	-1
19	-11	-32	-5	4	-7	-22	1	-13	-9	-6	-28	-8
20	-14	-32	-11	6	-21	-3	2	-10	-6	-17	-20	1
21	-13	-35	-8	15	-22	6	6	-8	-3	-6	-27	-5
22	-4	-20	-5	1	-30	-7	-10	-0	-2	-2	-17	-17
23	-5	-13	3	-15	-14	-9	-11	-16	-21	7	-9	-17
24	-5	-14	-17	-11	-27	1	-1	-21	-14	5	12	-17
25	-4	-10	-24	2	-12	8	7	-7	-3	-11	-3	-13
26	-4	-4	-17	-19	-4	16	4	-5	8	-0	-6	-8
27	-12	-3	-32	-23	11	8	-10	3	8	-1	-12	-19
28	-23	-34	-21	-18	9	4	1	9	10	3	-10	-15
29	-26	-52	-26	-17	-6	8	2	9	8	-6	-4	-14
30	-20		-33	-8	2	-3	8	11	8	-37	-5	-16
31	-10		-29		-2		3	-6		-105		-10
MEAN	-20	-26	-18	-11	-9	-10	-3	-4	-9	-16	-31	-15

ANNUAL MEAN -14

JANUARY 1969

NOT REPRODUCIBLE

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	-9	-11	-16	-16	-16	-18	-24	-27	-22	-19	-16	-16	-14	-11	-8	-10	-12	-7	-4	-4	-4	-6	-7	-5
2	-2	1	3	-4	-3	-4	-4	-5	-4	-3	-4	-4	-11	-9	-6	-4	-4	-2	-0	-0	2	2	2	5
3	7	6	7	5	3	3	3	4	5	6	8	7	6	2	1	-1	0	1	2	3	4	7	7	5
4	3	4	5	5	5	4	2	3	5	5	-0	-4	-5	0	5	7	10	10	10	9	9	7	5	4
5	5	7	9	7	5	3	0	1	3	5	5	3	2	-1	-5	-4	-1	2	3	1	3	5	5	5
6	5	5	8	9	7	4	-1	-2	-1	1	-0	-2	-4	-5	-4	-2	-0	3	4	3	3	1	-2	2
7	9	14	18	23	25	26	27	23	19	11	3	-4	-6	-12	-11	-4	-1	-2	-5	-7	-6	-5	-4	-2
8	-2	-2	3	1	-11	-9	-10	-13	-12	-10	-9	-11	-11	-14	-16	-11	-9	-4	-4	-9	-9	-10	-14	-13
9	-10	-6	-3	-4	-4	-6	-9	-10	-8	-6	-8	-8	-8	-6	-6	-5	-1	1	-1	-2	-4	-5	-5	-4
10	0	3	3	1	2	2	2	0	-1	1	1	-3	-5	-5	-3	-3	-6	-7	-6	-6	-7	-6	-4	-5
11	-2	2	8	7	5	4	1	-1	0	4	4	6	4	-1	-2	-1	4	7	5	3	3	3	6	10
12	13	9	6	3	4	3	4	-0	-1	-4	-6	-8	-10	-10	-5	-13	-19	-18	-21	-22	-19	-14	-13	-9
13	-3	2	1	-3	-4	-3	-3	-4	-2	-2	-5	-7	-1	-1	0	0	1	1	2	3	5	5	5	7
14	-6	-6	-9	-9	-9	-9	-9	-9	-8	-5	-7	-5	-2	0	3	0	-4	-2	-4	-2	0	-4	-8	-9
15	-13	-17	-22	-22	-23	-15	-16	-15	-12	-10	-7	-5	-4	-2	3	7	7	5	-5	-10	-8	-3	1	1
16	3	0	1	-3	-7	-9	-11	-8	-6	-1	-2	-4	-10	-1	-2	-8	-8	-5	-3	-0	1	2	3	-3
17	-13	-17	-21	-25	-32	-37	-31	-23	-21	-17	-17	-15	-7	-6	-7	-6	-6	-4	-7	-9	-14	-15	-20	-18
18	-17	-12	-9	-12	-22	-26	-23	-21	-21	-13	-11	-11	-10	-9	-8	-7	-6	-5	-11	-12	-4	-3	-2	1
19	1	2	-5	-11	-13	-14	-15	-18	-15	-8	-12	-12	-5	-1	0	4	5	4	-5	-6	-8	-11	-7	5
20	14	13	4	-2	-5	-8	-11	-12	-11	-11	-9	-6	-8	-5	-4	-1	-0	-4	-9	-8	-7	-7	-6	-0
21	7	6	-5	-7	-7	-9	-8	-5	-4	-5	-4	-2	2	4	5	8	9	8	-0	-2	-4	-3	-4	-2
22	2	2	1	0	1	3	2	1	-0	3	2	3	2	3	3	3	2	3	3	4	4	3	3	7
23	11	10	7	3	2	-0	-2	-0	3	5	4	6	9	9	9	14	20	20	20	16	13	11	14	15
24	17	14	12	12	14	13	14	14	15	15	15	14	10	4	-2	-12	-15	-14	-19	-22	-34	-39	-34	-31
25	-35	-35	-30	-28	-25	-22	-30	-53	-52	-42	-38	-37	-22	-18	-27	-22	-17	-27	-32	-36	-41	-36	-29	-24
26	-32	-39	-24	-16	-20	-22	-23	-18	-15	-12	-11	-19	-15	-18	-19	-17	-16	-14	-14	-15	-17	-23	-27	-22
27	-17	-14	-14	-19	-22	-24	-28	-32	-32	-33	-32	-25	-23	-14	-16	-17	-18	-22	-25	-30	-32	-30	-31	-32
28	-24	-19	-18	-21	-20	-19	-19	-18	-17	-15	-15	-14	-13	-14	-12	-9	-8	-9	-8	-9	-9	-9	-12	-13
29	-13	-14	-16	-20	-19	-16	-13	-10	-9	-8	-7	-3	-1	-2	1	1	0	-3	-5	-5	-6	-3	-6	-6
30	-8	-4	-5	-6	-5	-5	-8	-5	-4	-7	-5	-2	2	2	0	-3	-3	-1	-2	-2	-3	-3	-3	-0
31	2	-1	-5	-4	-2	-2	-3	-2	-5	-8	-11	-5	-7	-11	-12	-8	-9	-12	-11	-10	-15	-16	-11	-5

FEBRUARY 1969

NOT REPRODUCIBLE

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	-1	-6	-8	-7	-7	-7	-6	-7	-5	-2	-3	-3	-5	-4	1	-0	-2	-7	-9	-5	-4	-5
2	-4	-5	-5	-5	-4	-5	-5	-3	-3	-4	-3	-4	-6	-8	-4	22	31	31	-28	-85	-147	-142	-169	-175
3	-104	-154	-149	-145	-145	-143	-133	-111	-90	-91	-87	-85	-91	-69	-64	-65	-61	-56	-58	-50	-60	-65	-54	-51
4	-47	-42	-49	-50	-46	-45	-47	-46	-42	-42	-42	-36	-36	-37	-31	-26	-25	-26	-28	-28	-26	-27	-33	-32
5	-30	-30	-30	-31	-35	-39	-41	-38	-38	-39	-33	-30	-29	-30	-30	-31	-31	-29	-25	-20	-17	-15	-19	-20
6	-18	-15	-18	-27	-27	-28	-28	-12	-17	-21	-19	-18	-15	-13	-13	-13	-15	-17	-20	-19	-18	-15	-20	-21
7	-13	-10	-12	-15	-16	-15	-16	-17	-16	-16	-17	-18	-17	-16	-13	-12	-16	-18	-19	-20	-21	-23	-21	-23
8	-26	-23	-19	-19	-21	-24	-26	-22	-18	-17	-14	-10	-6	-7	-8	-8	-13	-20	-20	-16	-14	-19	-25	-24
9	-19	-18	-17	-17	-16	-13	-11	-9	-8	-7	-7	-6	-7	-9	-9	-12	-13	-13	-11	-10	-12	-14	-14	-15
10	-17	-17	-16	-12	-9	-8	-8	-9	-7	-4	-8	-14	-11	-5	-4	-2	-2	-5	-7	-9	-7	-9	-25	-51
11	-50	-63	-60	-40	-50	-56	-55	-41	-42	-57	-73	-81	-71	-79	-98	-94	-98	-111	-118	-121	-115	-108	-107	-102
12	-98	-82	-76	-74	-75	-73	-69	-65	-61	-57	-55	-53	-52	-50	-49	-46	-40	-39	-40	-42	-42	-43	-46	-61
13	-61	-61	-59	-55	-55	-54	-49	-48	-46	-39	-36	-34	-32	-31	-28	-24	-21	-21	-26	-29	-34	-40	-35	-32
14	-30	-29	-52	-40	-35	-30	-27	-27	-25	-23	-23	-22	-22	-22	-20	-16	-16	-18	-18	-17	-15	-15	-24	-26
15	-24	-22	-25	-28	-26	-27	-30	-29	-22	-17	-10	-7	-4	-2	3	5	1	-1	-9	-20	-28	-33	-33	-33
16	-35	-28	-23	-20	-22	-29	-25	-27	-17	-18	-18	-16	-18	-20	-15	-10	-9	-11	-11	-10	-7	-7	-9	-11
17	-14	-14	-16	-16	-14	-13	-13	-13	-13	-14	-15	-13	-11	-10	-10	-8	-8	-7	-7	-6	-5	-3	-5	-10
18	-11	-10	-10	-7	-5	-4	-5	-4	-4	-4	-4	-4	-4	-1	1	3	3	4	3	-1	-3	-2	-2	-2
19	-2	5	6	4	6	10	12	11	12	9	9	7	5	6	6	3	2	5	8	8	7	1	5	5
20	1	-2	-3	-5	-12	-12	-4	-0	0	-2	-3	-6	-11	-6	0	3	3	3	5	6	9	7	4	1
21	-4	-1	-1	0	-2	-6	-14	-12	-6	-4	-5	-4	-3	-3	-0	2	3	-0	-0	3	5	4	2	1
22	-2	1	2	1	3	4	4	5	6	8	7	6	6	4	2	0	-2	-2	1	5	8	12	13	16
23	15	10	13	12	10	4	0	0	1	-1	-1	3	-2	-2	-3	6	5	5	6	5	7	9	10	11
24	8	4	7	10	8	4	6	7	2	5	5	5	4	2	1	-1	-4	-8	-8	-5	1	3	4	4
25	2	-3	-4	-1	0	0	-1	-0	4	5	1	1	0	0	0	1	-1	-3	-4	-3	-4	-2	-2	-2
26	-4	-2	10	7	-4	-2	6	15	8	3	3	4	-2	-2	-4	-3	-3	-7	-14	-13	-10	-3	0	-0
27	-1	2	1	17	9	11	10	-3	1	4	5	4	14	19	22	24	-29	-47	-52	-56	-59	-63	-61	-58
28	-55	-51	-46	-43	-32	-29	-29	-25	-22	-24	-26	-24	-29	-33	-26	-21	-27	-37	-33	-34	-35	-36	-40	-39

MARCH 1969

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	-35	-26	-24	-25	-26	-24	-23	-22	-19	-15	-16	-16	-16	-11	-8	-6	-9	-9	-13	-14	-15	-13	-12	-23
2	-38	-38	-34	-33	-32	-27	-24	-23	-20	-20	-20	-17	-14	-17	-15	-15	-18	-20	-18	-18	-17	-17	-16	-17
3	-20	-19	-15	-10	-9	-8	-9	-6	-5	-4	-6	-6	-9	-10	-10	-14	-14	-16	-15	-6	-6	-9	-7	-7
4	-9	-7	-4	-3	-2	-3	-2	-1	1	1	2	1	-0	-4	-5	-6	-4	-2	3	3	2	1	-2	3
5	-4	-4	-5	-6	1	5	8	9	14	15	9	0	-11	-10	-6	-3	-1	-2	-2	-5	-4	-3	0	-0
6	-12	-8	-3	-5	-3	-2	-5	-2	-2	-4	-8	-8	-10	-8	-7	-4	-6	-11	-9	-8	-10	-13	-11	-9
7	-11	-13	-14	-17	-11	-16	-16	-14	-14	-11	-5	-6	-9	-9	-7	-8	-8	-12	-18	-21	-25	-22	-21	-19
8	-22	-21	-22	-19	-20	-24	-22	-21	-19	-16	-16	-16	-12	-14	-14	-15	-17	-18	-21	-19	-19	-21	-21	-24
9	-21	-19	-21	-21	-18	-19	-14	-9	-10	-13	-12	-8	-12	-19	-21	-19	-18	-16	-14	-15	-14	-6	-2	0
10	0	-1	-0	-5	-7	-6	-10	-10	-8	-8	-6	-6	-7	-7	-7	-6	-5	-2	1	-1	-4	-2	-0	1
11	1	1	-1	0	2	-2	-4	-10	-14	-19	-16	-24	-29	-23	-18	-17	-16	-14	-13	-16	-26	-38	-48	-59
12	-65	-65	-71	-66	-72	-75	-58	-67	-71	-64	-51	-53	-48	-45	-44	-45	-45	-47	-42	-43	-37	-34	-30	-29
13	-32	-25	-29	-27	-26	-26	-27	-25	-21	-19	-22	-27	-27	-27	-27	-25	-27	-32	-29	-27	-26	-29	-30	-28
14	-26	-21	-19	-19	-15	-11	-11	-9	-11	-7	-8	-12	-13	-13	-15	-15	-17	-17	-18	-14	-12	-16	-10	-12
15	-16	-20	-26	-29	-29	-29	-34	-39	-37	-37	-31	-31	-38	-37	-37	-40	-42	-35	-33	-36	-35	-37	-38	-32
16	-28	-20	-14	-13	-13	-17	-27	-36	-43	-43	-25	-24	-27	-26	-14	-16	-18	-8	-5	-5	-10	-12	-10	-11
17	-15	-33	-43	-26	-34	-54	-48	-35	-30	-29	-26	-26	-32	-38	-35	-30	-32	-34	-41	-41	-41	-44	-40	-33
18	-31	-33	-28	-27	-29	-27	-28	-36	-42	-33	-25	-26	-26	-22	-18	-18	-17	-18	-17	-15	-16	-20	-18	-19
19	-12	-8	-7	-4	-4	-4	-6	-12	-16	-14	-8	-6	-9	-7	-2	-1	-4	-2	3	6	34	16	-5	-19
20	-46	-58	-64	-47	-35	-43	-47	-42	-37	-34	-26	-26	-30	-30	-29	-29	-37	-38	-40	-35	-35	-40	-43	-47
21	-46	-41	-35	-32	-31	-35	-34	-34	-30	-29	-23	-23	-24	-22	-21	-23	-24	-25	-24	-23	-26	-23	-22	-18
22	-16	-18	-23	-24	-24	-19	-17	-22	-23	-26	-30	-25	-19	-17	-16	-19	-21	-25	-23	-27	-21	-19	-20	-22
23	-21	-19	-18	-16	-16	-15	-12	-9	-9	-8	-3	-1	-1	1	8	2	-4	-9	-5	-27	-70	-121	-157	-166
24	-210	-240	-216	-206	-197	-182	-181	-203	-193	-202	-223	-209	-156	-151	-148	-134	-128	-121	-118	-112	-105	-100	-95	-92
25	-90	-89	-82	-83	-83	-76	-70	-80	-89	-84	-72	-71	-74	-77	-76	-80	-80	-81	-76	-75	-74	-69	-65	-64
26	-59	-59	-56	-54	-54	-50	-45	-42	-39	-37	-37	-39	-40	-40	-39	-41	-43	-42	-37	-34	-32	-27	-26	-25
27	-25	-21	-23	-27	-29	-30	-29	-27	-25	-22	-24	-25	-25	-27	-24	-24	-24	-25	-25	-21	-15	-13	-13	-14
28	-15	-16	-17	-17	-18	-16	-17	-17	-14	-11	-12	-11	-10	-7	-7	-9	-13	-13	-15	-12	-10	-6	-5	-2
29	-2	-2	-1	-4	-6	-10	-13	-13	-17	-21	-17	-11	-10	-10	-11	-17	-17	-16	-20	-21	-18	-16	-27	-39
30	-43	-35	-28	-32	-39	-35	-28	-22	-18	-16	-15	-17	-17	-17	-16	-14	-13	-12	-15	-16	-16	-7	-7	-7
31	-13	-19	-28	-21	-12	-9	-8	-7	-5	1	4	4	-1	-3	-6	-4	4	3	-9	-6	-11	-16	-14	-11

APRIL 1969

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	-2	0	-8	-16	-13	-9	-9	-12	-10	-2	-9	-19	-17	-7	-12	-17	-14	-29	-27	-26	-27	-32	-22	
2	-20	-20	-20	-18	-15	-18	-18	-19	-18	-16	-16	-21	-22	-21	-20	-15	-15	-25	-26	-23	-32	-39	-50	-65	
3	-79	-67	-56	-53	-51	-48	-45	-37	-31	-29	-30	-29	-28	-27	-26	-27	-31	-32	-32	-32	-28	-31	-34	-30	
4	-33	-36	-36	-26	-34	-36	-32	-27	-25	-27	-28	-23	-26	-23	-24	-23	-26	-25	-23	-21	-14	-18	-23	-20	
5	-23	-21	-17	-17	-21	-20	-25	-26	-30	-33	-31	-25	-24	-23	-19	-20	-21	-23	-21	-15	-12	-12	-12	-11	
6	-12	-12	-17	-23	-25	-23	-16	-15	-12	-8	-5	-3	-6	-5	-5	-6	-8	-7	-10	-13	-10	-10	-23	-26	
7	-29	-33	-27	-34	-42	-53	-59	-45	-35	-33	-29	-26	-29	-33	-33	-29	-28	-32	-35	-33	-25	-16	-16	-17	
8	-19	-19	-19	-21	-23	-21	-18	-17	-14	-13	-11	-11	-12	-12	-11	-13	-15	-15	-12	-13	-10	-11	-10	-5	
9	1	3	3	-5	-11	-20	-27	-20	-16	-23	-27	-23	-25	-26	-27	-32	-40	-41	-38	-37	-37	-30	-22	-18	
10	-16	-11	-8	-9	-9	-11	-17	-19	-21	-23	-24	-26	-23	-20	-21	-19	-19	-22	-22	-18	-15	-15	-16	-17	
11	-16	-10	-11	-15	-19	-19	-17	-27	-29	-29	-29	-26	-19	-8	-8	-15	-18	-22	-24	-22	-15	-11	-12	-17	
12	-14	-10	-8	-10	-13	-14	-12	-7	-3	-3	-1	-2	1	0	1	0	-4	-6	-10	-5	4	13	10	6	
13	-19	-12	-12	-9	-14	-22	-22	-16	-7	-5	-6	-7	-7	-13	-20	-27	-29	-34	-40	-47	-56	-52	-57	-59	
14	-61	-58	-58	-45	-41	-36	-34	-26	-22	-21	-19	-19	-19	-16	-13	-11	-11	-12	-12	-12	-18	-27	-37	-42	
15	-47	-43	-31	-30	-31	-32	-27	-25	-19	-14	-18	-22	-25	-25	-22	-21	-17	-17	-20	-13	-11	-9	-7	-7	
16	-5	-7	-9	-15	-23	-30	-28	-22	-22	-18	-19	-21	-18	-16	-15	-15	-15	-15	-19	-18	-19	-23	-24	-26	
17	-35	-34	-40	-31	-26	-31	-40	-35	-45	-38	-28	-27	-32	-36	-28	-20	-26	-31	-32	-35	-33	-38	-39	-34	
18	-39	-50	-47	-34	-37	-30	-33	-30	-27	-24	-23	-21	-20	-19	-20	-20	-20	-20	-21	-18	-16	-14	-22	-25	
19	-22	-20	-14	-16	-16	-14	-10	-8	-6	-6	-6	-5	-7	-7	-10	-8	-8	-9	-10	-8	-7	-7	-8	-10	
20	-15	-16	-15	-14	-13	-11	-13	-10	-6	-6	-5	-0	2	-0	-0	2	4	3	1	6	3	-7	-14	-16	
21	-17	-13	-11	-10	-9	-10	-7	-9	-9	-9	-4	-2	2	4	3	1	2	5	6	7	9	8	13	17	
22	25	37	40	41	43	52	36	7	10	7	7	5	7	5	4	6	7	5	4	2	3	2	-2	-2	
23	-3	-5	-6	-6	-6	-2	1	7	9	10	9	7	6	3	4	7	9	10	7	6	6	7	9	9	
24	8	2	-3	-3	-4	-5	3	10	12	12	13	14	14	15	12	11	10	10	11	14	17	19	18	16	
25	4	-7	2	4	-0	-3	-1	6	8	8	7	6	5	5	1	-0	1	2	0	1	5	6	8	5	
26	4	3	2	3	0	-1	2	7	9	8	7	6	4	2	3	4	1	1	1	-0	5	6	7	11	
27	10	5	-8	-5	-7	-11	-10	-4	-2	-2	-5	0	3	3	1	-1	1	3	11	23	25	33	34	34	
28	30	28	26	37	32	10	-25	-48	-65	-75	-72	-55	-68	-70	-91	-82	-60	-52	-55	-57	-55	-57	-50	-44	
29	-39	-38	-39	-37	-35	-37	-35	-23	-21	-29	-26	-26	-24	-20	-21	-25	-24	-26	-29	-32	-31	-31	-36	-49	
30	-43	-38	-35	-47	-57	-49	-48	-39	-39	-31	-32	-33	-31	-30	-33	-39	-40	-39	-42	-44	-36	-35	-36	-30	

MAY 1969

NOT REPRODUCIBLE

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	-29	-20	-28	-31	-30	-32	-27	-20	-18	-21	-22	-18	-13	-14	-16	-15	-14	-16	-17	-19	-19	-20	-23	-19		
2	-17	-10	-21	-20	-19	-23	-17	-12	-11	-11	-13	-11	-9	4	5	-2	-0	-7	10	-14	-16	-23	-27	-25		
3	-26	-26	-20	-17	-19	-21	-24	-16	-11	-15	-15	-19	-17	-16	-18	-17	-15	-10	-10	-14	-12	-15	-13	-13		
4	-11	-10	-10	-12	-13	-11	-9	-5	-3	-5	-7	-7	-7	-10	-11	-11	-10	-14	-9	-10	-8	-3	-4	-6		
5	-12	-12	-8	-6	-7	-4	-0	-0	-1	-4	-2	1	-3	-4	-9	-6	-4	-1	1	1	-4	0	-4	-9		
6	-6	-5	-7	-11	-12	-4	-3	-6	-2	-3	-4	-9	-8	-9	-12	-12	-10	-6	-5	-4	-2	-1	-4	-3		
7	-4	-4	-9	-16	-18	-17	-13	-13	-8	-3	-4	-1	-0	1	1	4	3	4	6	10	8	7	9	15		
8	18	15	10	5	4	6	3	3	9	8	9	11	13	15	13	7	11	14	12	13	12	12	13	14		
9	21	20	10	9	2	-3	-2	3	2	-6	-2	1	-3	-6	-8	-9	-7	-1	-2	2	7	10	5	13		
10	15	13	10	-0	-1	-4	-5	9	5	6	6	7	10	7	0	-5	-6	2	1	2	2	1	-2	-2		
11	5	1	-1	0	2	3	5	3	2	5	8	6	3	-0	-2	-1	-1	3	5	6	8	6	5	7		
12	12	13	13	13	11	10	8	8	11	11	9	7	7	5	8	8	13	16	24	29	28	29	24	17		
13	13	-3	-18	-17	-18	-18	-35	-49	-46	-39	-39	-44	-38	-39	-42	-38	-39	-30	-24	-24	-35	-43	-47	-51		
14	-61	-63	-61	-59	-46	-42	-46	-46	-38	-32	-30	-33	-33	-35	-36	-36	-29	-24	-21	-3	1	-6	-35	-72		
15	-86	-80	-88	-127	-133	-118	-120	-120	-100	-86	-53	-66	-46	-79	-103	-98	-86	-82	-87	-93	-91	-86	-94	-95		
16	-82	-92	-94	-94	-100	-102	-94	-71	-63	-61	-54	-62	-57	-58	-55	-56	-53	-52	-51	-46	-43	-39	-38	-33		
17	-36	-42	-47	-48	-53	-59	-55	-46	-42	-42	-43	-41	-44	-47	-49	-44	-39	-34	-30	-27	-28	-24	-33	-33		
18	-36	-42	-41	-37	-38	-34	-29	-38	-35	-33	-34	-34	-27	-22	-20	-15	-10	12	-4	-18	-19	-16	-17	-22		
19	-26	-25	-23	-17	-15	-10	-7	-5	-6	-4	-4	-13	-15	-22	-24	-24	-19	-19	-20	-17	-10	-10	-8	-9		
20	-15	-17	-10	-5	-0	-1	-2	-2	-5	-5	-4	-4	-3	-3	-2	-3	0	5	7	6	5	-4	-11	-15		
21	-16	-17	-19	-21	-21	-19	-21	-20	-20	-15	-16	-22	-25	-26	-25	-27	-23	-17	-14	-14	-17	-22	-21	-19		
22	-16	-14	-13	-10	-7	-7	-7	-7	-4	-5	-6	-14	-20	-18	-19	-15	-13	-9	-5	-2	2	2	3	5		
23	2	-5	-9	-7	-6	-2	-4	-7	-7	-9	-10	-8	-5	-3	-4	-3	-4	-3	-5	-1	-3	-5	-6	-4		
24	-0	-6	-5	-3	-5	-15	-20	-10	-6	-1	-0	-3	-4	-6	-8	-8	-2	0	1	-3	-10	-9	-5	-10		
25	-17	-19	-16	-13	-7	-5	-6	-3	-1	2	2	1	0	-3	-6	-7	-6	-7	-8	-4	1	-3	-5	-7		
26	-8	-8	-7	-7	-2	7	10	10	10	10	9	10	13	13	12	9	5	5	13	3	4	5	13	14		
27	15	15	16	18	17	15	14	15	16	13	12	8	8	12	12	15	18	17	13	11	15	14	17	14		
28	16	21	24	25	21	15	6	-4	-8	-10	-11	-4	2	3	-0	-2	-2	-1	-1	-3	-4	-7	-6	-7		
29	-9	-7	-0	3	7	9	7	5	6	5	4	8	7	10	14	15	11	9	6	3	3	-4	-5	-5		
30	-6	2	9	13	10	2	1	4	-4	-3	3	4	2	3	7	7	3	1	3	7	5	0	-0	1		
31	3	1	5	9	6	5	-2	-3	-11	-10	-3	-1	-2	-8	-13	-10	-7	-8	-8	-4	-8	-12	-12	-8		

JUNE 1969

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

JULY 1969

DAY	UN IT=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	30	28	24	25	26	28	19	-3	-17	-8	-2	2	1	6	3	2	3	5	-0	-3	5	5	1	-4
2	0	2	-3	-3	2	2	2	7	5	3	3	2	-0	0	1	-2	5	11	12	9	11	10	9	5
3	6	6	6	7	11	14	14	15	15	13	15	14	16	16	16	18	20	20	17	12	10	5	2	3
4	8	12	17	19	21	23	21	18	18	19	19	20	19	17	18	18	18	19	20	20	23	23	22	24
5	25	27	27	25	21	19	20	20	19	17	16	16	16	20	25	27	28	29	32	30	30	31	30	28
6	29	28	28	26	28	30	29	27	27	28	31	33	32	32	31	28	27	27	27	25	29	31	36	32
7	35	32	30	27	25	24	26	28	27	26	23	21	20	18	21	21	24	25	22	23	25	24	20	19
8	21	22	19	18	21	19	18	18	19	19	19	18	21	21	22	22	24	24	23	19	19	17	14	9
9	16	9	4	6	5	2	4	6	6	7	9	7	7	9	11	12	11	12	9	7	10	12	10	9
10	8	5	-0	0	-0	4	7	10	10	7	7	1	4	9	12	7	6	8	6	3	1	-0	-1	-1
11	-7	-8	-2	3	0	10	17	16	18	20	19	17	19	22	25	27	28	24	15	5	10	15	18	19
12	17	8	-4	15	-18	-17	-18	-16	-4	2	6	9	14	22	19	19	26	30	30	25	22	6	-3	8
13	15	18	12	10	-3	-9	-10	-9	-6	-3	2	6	10	14	10	3	7	11	8	-3	-6	-8	-7	-6
14	-8	-7	-3	-4	-11	-5	-4	-6	-5	-3	2	7	6	8	8	3	5	5	4	3	2	3	1	2
15	2	-2	-2	0	2	3	3	5	3	4	4	6	5	4	3	4	7	10	12	10	13	17	16	11
16	6	3	-2	-4	2	6	6	8	11	12	10	6	6	9	9	7	5	2	3	0	2	8	10	10
17	8	1	-1	5	5	6	8	7	7	9	11	9	6	3	1	2	2	4	3	3	10	14	14	13
18	12	11	10	10	8	9	10	12	14	13	11	6	7	12	13	9	8	7	1	0	3	12	16	17
19	15	11	7	7	10	14	13	13	15	16	15	13	10	10	11	8	8	9	11	13	14	15	16	17
20	15	15	16	13	15	16	18	21	24	25	25	27	36	34	35	31	28	27	28	26	27	30	32	30
21	27	25	23	23	26	25	24	32	34	37	39	36	34	31	27	21	19	21	16	17	20	17	11	6
22	3	3	1	4	9	11	1	-3	-1	6	10	10	9	7	8	9	10	11	7	2	1	4	6	8
23	8	9	12	11	10	10	12	14	17	15	17	15	12	9	7	5	7	7	5	5	12	16	15	13
24	18	21	21	20	17	12	10	6	8	13	16	19	19	19	18	17	14	12	4	2	10	13	17	16
25	16	16	12	4	2	2	-0	1	6	10	12	14	12	8	8	8	11	13	14	15	17	18	17	19
26	23	22	20	11	10	14	17	20	23	25	26	30	51	43	27	18	18	20	22	20	19	13	8	-17
27	-48	-75	-83	-76	-79	-78	-81	-64	-71	-61	-52	-50	-50	-53	-53	-50	-48	-44	-44	-43	-36	-32	-26	-20
28	-21	-21	-21	-22	-23	-22	-21	-21	-20	-19	-14	-10	-10	-14	-16	-16	-14	-17	-18	-18	-18	-21	-21	-14
29	-8	-3	-1	-2	-2	-1	-1	-3	-4	-3	0	2	1	-1	-2	1	1	-1	-3	-5	-4	-2	2	4
30	0	-1	4	11	16	17	14	14	18	15	17	17	11	8	13	19	23	9	8	10	12	14	17	12
31	7	5	5	-1	-4	1	3	1	2	2	3	-1	-5	-8	-9	-6	-6	-4	-1	-3	-2	-1	0	3

AUGUST 1969

NOT REPRODUCIBLE

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	11	11	12	9	6	7	11	8	7	5	1	-1	-2	1	2	2	5	4	9	12	11	9	8
2	9	11	13	14	14	12	12	11	10	13	17	19	20	19	20	22	26	33	35	37	33	32	36	39
3	36	30	21	14	15	21	27	26	21	13	12	14	14	9	5	2	3	3	4	2	-6	-14	-23	-35
4	-38	-39	-32	-27	-21	-15	-12	-13	-11	-11	-14	-13	-7	-5	-4	-6	-5	-4	-3	-9	-8	-7	-2	0
5	1	-2	-3	-10	-13	-11	-5	-3	-3	-2	2	5	4	-1	-2	-1	-3	-8	-11	-8	-5	-4	-2	-1
6	-3	-6	-13	-10	-8	-5	-1	3	5	6	8	9	9	9	8	7	6	8	8	14	9	10	14	15
7	13	15	22	20	15	11	10	10	10	20	25	32	29	27	25	23	21	21	20	14	4	-2	-4	-2
8	-7	-13	-8	1	11	12	13	7	3	1	5	7	10	6	2	3	3	1	-2	2	6	7	6	10
9	7	1	0	-3	-2	-1	-1	-1	-1	2	7	12	12	6	1	0	-2	-3	-8	-10	-9	-6	-7	-9
10	-5	-5	-6	-7	-10	-10	-8	-7	-9	-5	-1	2	-1	-7	-10	-11	-8	-6	-7	-6	-5	-7	-4	-2
11	0	1	4	6	10	11	13	14	15	14	14	17	16	20	23	26	24	26	19	15	17	18	21	23
12	22	14	-0	-5	-9	-4	-0	-0	-4	-2	2	6	3	1	2	1	-4	-11	-17	-16	-13	-12	-13	-10
13	10	-3	-4	-2	-5	-8	-7	-3	-4	-2	-1	3	1	-2	-1	-1	1	-2	-7	-12	-14	-17	-14	-13
14	-16	-15	-9	1	4	2	0	4	2	-3	-3	-2	2	4	4	5	8	9	5	-0	7	7	-4	-4
15	-6	-2	5	11	16	13	10	3	5	6	10	13	16	13	14	8	8	8	17	12	10	14	9	1
16	1	1	8	12	15	14	14	13	11	10	13	17	18	13	9	6	6	8	9	8	6	4	6	5
17	3	-7	-14	-15	-17	-18	-15	-12	-10	-9	1	9	12	11	10	8	7	4	-2	-5	-2	-4	-5	-3
18	-2	-1	-3	1	6	7	9	13	16	17	18	24	25	21	16	15	16	16	14	10	8	7	10	10
19	7	-4	-3	-4	-0	1	5	7	9	13	18	19	15	14	16	16	15	10	3	-9	-18	-26	-26	-21
20	-20	-19	-12	-12	-12	-13	-13	-7	-12	-14	-10	-2	1	3	1	3	3	-0	-2	-2	-1	3	5	2
21	-4	-9	-9	-6	-1	2	4	6	6	6	10	13	12	6	0	-4	-3	-2	3	2	0	-1	1	2
22	4	7	9	10	9	10	12	15	17	17	19	19	17	15	12	13	12	8	8	10	13	12	15	16
23	11	7	14	21	2	-6	0	5	6	7	13	10	7	7	4	2	1	0	2	3	0	-3	-0	-2
24	-10	-12	0	7	10	11	9	13	11	9	13	15	19	19	18	19	19	15	13	15	14	15	14	9
25	5	10	13	13	8	7	5	8	9	7	8	8	7	8	7	7	8	9	10	9	9	8	10	11
26	17	14	15	19	24	26	24	25	23	15	24	16	14	16	17	14	18	21	20	20	21	22	9	1
27	-2	-1	-27	-35	-32	-29	-23	-19	-25	-34	-32	-24	-17	-18	-21	-23	-25	-27	-26	-23	-20	-17	-16	-23
28	-28	-31	-32	-30	-25	-18	-21	-20	-16	-14	-8	-6	-3	1	1	0	-1	-5	-6	-9	-3	-5	-8	-11
29	-9	-2	6	6	8	10	9	13	13	10	8	10	10	7	5	-3	-2	2	8	8	8	6	5	1
30	-2	-1	2	5	7	8	7	6	9	11	13	13	13	14	11	10	11	10	9	8	11	11	12	9
31	7	7	9	10	12	12	12	9	6	3	6	10	6	2	2	4	5	5	6	6	8	4	-1	-2

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SEPTEMBER 1969

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	7	7	6	6	8	10	11	11	8	8	7	12	15	15	17	19	18	15	13
2	12	11	12	11	12	17	18	16	13	13	16	18	18	18	20	18	17	14	10	8	10	11	15	16
3	20	21	22	23	24	23	21	24	23	23	24	25	26	26	26	18	25	23	24	23	19	10	10	9
4	5	1	-0	1	1	3	4	7	12	18	22	23	22	21	19	14	13	11	7	6	1	-0	1	4
5	5	4	7	11	14	19	23	22	19	19	21	23	22	7	-14	-26	-22	-18	-18	-25	-27	-32	-46	-54
6	-45	-29	-32	-30	-28	-37	-27	-24	-18	-17	-19	-10	-7	-7	-8	-10	-14	-15	-17	-18	-16	-19	-19	-11
7	-7	-11	-11	-10	-7	-8	-8	-9	-16	-21	-14	-5	-2	-6	-7	-7	-2	-4	-13	-20	-24	-23	-27	-29
8	-30	-28	-27	-32	-45	-51	-54	-42	-47	-51	-41	-28	-21	-23	-28	-29	-29	-25	-22	-23	-25	-25	-22	-21
9	-22	-21	-15	-10	-7	-9	-12	-8	-5	-5	-4	-3	-0	-4	-10	-16	-14	-13	-14	-9	-7	-9	-13	-14
10	-5	-13	-9	-11	-12	-10	-6	-2	0	1	-0	0	-1	-2	-1	-3	-3	2	1	2	5	0	2	4
11	0	-21	-27	-26	-17	-18	-20	-21	-23	-22	-15	-11	-8	-5	-4	-2	-0	-2	-6	-8	-13	-9	-7	-4
12	-3	-5	1	4	-1	0	1	1	3	3	3	3	2	1	-3	-3	-1	2	0	-3	-2	-2	-0	0
13	1	2	4	7	4	3	4	7	8	10	8	9	10	12	11	10	9	9	12	14	16	16	18	18
14	18	15	11	11	11	9	10	11	11	10	10	9	10	10	8	16	20	24	24	15	0	-18	-26	-40
15	-53	-61	-53	-40	-30	-32	-34	-27	-30	-36	-41	-43	-44	-38	-33	-31	-31	-31	-34	-32	-30	-32	-30	-31
16	-34	-28	-25	-19	-18	-20	-24	-23	-22	-19	-19	-19	-19	-14	-13	-9	-9	-9	-10	-12	-9	-6	-3	-4
17	-3	-1	5	11	14	15	16	19	21	18	10	-3	-9	-2	4	14	14	16	14	1	4	4	-0	1
18	3	-1	2	3	2	-3	0	0	-3	-2	0	2	7	6	-4	-1	5	-2	-8	-12	-11	-12	-16	-20
19	-13	-17	-20	-10	-5	-4	-2	-1	-0	-1	-2	-5	-5	-7	-11	-11	-9	-8	-11	-11	-8	-4	-0	0
20	1	1	4	6	7	4	-1	-4	-1	-1	-3	-5	-6	-11	-15	-13	-14	-13	-13	-10	-6	-4	-3	-1
21	-2	-4	-5	-2	-0	1	3	5	10	12	11	8	6	6	4	3	3	6	3	1	0	-1	-2	-5
22	-6	-1	2	2	2	3	5	7	9	11	10	7	7	7	7	7	8	8	6	2	0	4	5	8
23	12	14	11	13	12	11	15	19	22	25	26	26	24	23	18	11	11	16	12	3	-10	-21	-20	-10
24	-5	-1	0	1	-0	3	1	-2	0	1	-3	-3	-3	-2	1	3	3	3	2	-1	-4	-7	-6	-6
25	-5	-3	-5	-5	-11	-8	-7	-1	3	4	5	2	1	-0	1	-3	-3	-4	-4	-4	-5	-10	-5	-3
26	-1	2	3	4	6	7	6	3	1	5	3	3	3	4	5	6	8	9	9	9	9	10	12	15
27	15	13	13	13	13	13	13	14	16	16	15	14	15	12	10	11	13	13	12	13	8	16	26	27
28	27	25	29	30	28	31	37	34	34	24	16	43	19	-11	-10	-13	-14	-18	-10	-17	-24	-33	-35	-33
29	-29	-25	-27	-25	-20	-1	-4	-9	-12	-13	-34	-28	-14	1	-13	-16	-13	-1	6	-15	-46	-41	-58	-90
30	-129	-128	-132	-106	-92	-89	-91	-95	-73	-91	-100	-82	-71	-85	-76	-75	-79	-78	-75	-71	-66	-61	-58	-54

OCTOBER 1969

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	-55	-67	-64	-57	-54	-54	-52	-48	-48	-45	-40	-40	-34	-39	-41	-43	-42	-39	-41	-40	-43	-45	-42	-40
2	-38	-43	-52	-43	-40	-37	-45	-50	-53	-43	-43	-41	-34	-41	-49	-55	-54	-51	-45	-49	-50	-52	-53	-56
3	-53	-49	-48	-51	-49	-49	-46	-42	-37	-31	-30	-29	-25	-29	-34	-35	-37	-36	-38	-40	-39	-39	-39	-41
4	-41	-42	-40	-39	-34	-33	-30	-28	-23	-21	-19	-21	-17	-15	-12	-12	-13	-17	-24	-26	-25	-22	-23	-24
5	-26	-27	-22	-18	-20	-18	-17	-14	-14	-12	-14	-15	-12	-13	-15	-13	-10	-9	-13	-20	-19	-20	-16	-12
6	-14	-22	-28	-29	-29	-30	-29	-30	-21	-15	-10	-11	-17	-16	-17	-12	-9	-9	-12	-15	-20	-21	-18	-18
7	-18	-21	-29	-33	-25	-22	-25	-20	-16	-12	-13	-14	-12	-13	-14	-13	-11	-10	-11	-12	-11	-11	-11	-11
8	-9	-11	-12	-11	-11	-8	-6	-2	-0	1	1	-0	-5	-4	-5	-4	-3	-1	-2	-2	-2	-1	-2	-7
9	-6	-10	-11	-12	-10	-10	-9	-8	-6	-4	-2	-1	-1	-1	-1	-1	0	10	12	18	11	8	15	20
10	14	7	-2	-9	-16	-26	-23	-12	-12	-22	-26	-28	-21	-17	-18	-18	-18	-16	-15	-21	-31	-30	-23	-24
11	-28	-35	-32	-28	-23	-26	-28	-29	-24	-21	-17	-18	-22	-27	-28	-25	-23	-23	-23	-22	-20	-17	-13	-10
12	-10	-18	-22	-16	-11	-12	-15	-14	-12	-15	-15	-15	-18	-22	-20	-17	-16	-15	-13	-15	-17	-15	-10	-8
13	-10	-6	-9	-9	-8	-9	-10	-6	-4	-4	-9	-11	-13	-12	-12	-11	-11	-11	-12	-12	-11	-8	-4	-2
14	-0	-0	2	1	2	3	3	4	5	7	6	6	5	1	-1	-4	-4	-2	-4	-6	-9	-7	-7	-9
15	-10	-10	-9	-7	-3	-3	-3	-3	1	0	-0	1	1	2	4	5	5	7	5	1	-1	2	3	3
16	2	-1	0	3	5	4	9	13	14	15	16	13	12	8	4	1	-2	-0	-6	-13	-16	-20	-17	-18
17	-18	-15	-9	-6	-4	-4	-3	-1	1	2	4	7	11	15	18	20	21	18	16	12	5	-5	-19	-27
18	-28	-27	-26	-22	-16	-13	-13	-14	-17	-17	-10	-3	-2	-1	1	1	-0	-2	-3	-1	5	14	11	11
19	9	4	1	7	16	17	8	1	1	4	4	-1	-9	-16	-11	-7	-7	-7	-10	-9	-7	-5	-3	-5
20	-4	-7	-9	-12	-12	-9	-5	-3	-2	1	1	5	6	7	8	7	6	8	5	4	1	-1	4	8
21	10	5	6	5	6	9	7	6	4	-3	-2	4	6	7	8	5	3	-2	4	3	-1	-3	-5	-2
22	1	3	1	-3	-3	-5	-10	-7	-6	-5	-2	3	3	8	11	9	5	4	6	4	2	-3	-1	2
23	2	2	-0	-2	-1	1	1	3	3	5	6	9	10	11	12	11	9	8	6	5	1	-6	-4	-5
24	-2	4	7	-6	-7	-5	-10	-17	-20	-18	-8	-4	-5	3	6	4	2	5	4	3	5	10	-2	-3
25	8	13	7	-2	-6	-7	-4	-3	-3	-4	-2	1	6	9	9	9	10	12	10	4	2	-3	-0	4
26	9	9	11	11	11	7	8	5	-3	0	4	6	9	12	15	15	14	11	12	16	25	21	18	12
27	10	11	16	13	10	9	10	9	1	2	4	8	9	12	12	13	10	5	1	3	-3	-8	-6	-9
28	-8	-13	-15	-10	-12	-9	-6	-7	-7	-5	-1	0	2	2	2	1	2	-2	-1	-2	-8	-14	-11	-7
29	-6	-8	-7	-6	-3	-3	-3	-1	-1	0	3	6	7	9	11	12	11	10	10	7	5	1	-0	2
30	3	4	3	5	5	6	5	4	4	4	4	4	6	6	7	7	6	6	7	8	8	5	7	10
31	14	16	11	7	4	-2	-5	-10	-10	-12	-13	-15	-13	-10	-8	-10	-10	-7	-4	-3	-1	-1	-2	1

NOVEMBER 1969

NOT REPRODUCIBLE

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	-4	-6	-7	-7	-6	-3	-1	1	2	3	5	7	7	9	12	9	12	13	14	11	9	6	3
2	-1	-5	-3	-2	0	1	-1	-1	-3	-1	1	3	3	5	6	8	-0	-3	-5	-8	-7	-9	-8	-20
3	-24	-24	-15	-13	-19	-25	-27	-29	-25	-16	-13	-10	-8	-4	1	7	5	5	3	-1	-9	-8	-5	-5
4	-5	-3	-6	-15	-16	-11	-10	-10	-8	-8	-10	-9	-6	1	6	5	4	1	-5	-10	-13	-13	-10	-12
5	-15	-17	-14	-11	-9	-9	-6	-5	-5	-1	1	7	9	8	9	8	6	8	11	10	12	14	15	20
6	19	19	17	16	12	11	9	11	13	13	12	11	10	10	10	10	8	9	11	17	29	30	31	36
7	37	30	11	8	-4	-13	-16	-17	-19	-20	-15	-13	-6	2	9	9	8	13	1	-1	-3	-7	-6	-3
8	-0	4	4	1	3	-5	-4	-4	-5	-7	-7	-4	-1	5	7	8	13	13	19	18	-7	-14	-10	-14
9	-16	-7	-7	-9	-21	-31	-46	-53	-50	-39	-29	-36	-30	-25	-18	-32	-35	-19	10	3	-9	-9	-7	-9
10	-6	-7	-12	-15	-25	-22	-24	-37	-29	-33	-36	-26	16	-6	-13	-14	-10	-16	-20	-26	-34	-34	-31	-24
11	-14	-18	-16	-16	-21	-21	-19	-19	-10	-11	-15	-10	-10	-8	-5	-4	-8	-5	-3	-7	-6	-13	-7	-6
12	-11	-16	-11	-13	-15	-13	-12	-11	-12	-14	-14	-14	-14	-9	-6	-5	-7	-9	-9	7	8	-10	-15	-15
13	-8	-6	-3	-2	-2	-1	-0	-3	-6	-9	-10	-7	-5	-4	0	-3	-4	-4	-5	-4	-6	-9	-12	-8
14	-4	-4	-6	-7	-8	-5	-5	-6	-6	-5	-6	-5	-5	-5	-5	-6	-7	-9	-9	-8	-7	-5	-8	-9
15	-7	-4	-4	-3	-2	0	2	3	2	2	1	0	-1	-1	1	2	4	5	5	3	4	6	8	12
16	14	15	13	13	14	13	12	11	9	9	8	7	8	9	11	11	12	13	16	15	14	12	9	11
17	12	13	12	10	15	16	14	13	13	12	12	9	7	5	4	2	6	10	10	10	8	7	4	4
18	6	0	6	5	5	12	10	8	8	8	8	7	6	9	12	12	9	9	10	11	11	12	10	10
19	10	10	9	7	6	5	3	4	6	7	8	7	4	9	8	7	6	6	8	5	-4	-2	-5	-10
20	-8	-8	-6	-6	-3	-0	-3	-3	-1	-1	-1	2	3	5	6	5	4	6	5	5	3	6	8	11
21	12	11	12	9	10	10	9	9	9	10	10	9	9	8	7	3	4	7	8	5	4	7	8	9
22	9	8	9	18	14	7	6	8	11	12	13	17	22	23	22	21	21	20	11	3	-3	2	5	5
23	6	7	8	10	8	10	10	11	12	15	14	15	14	18	19	16	11	8	9	3	2	-2	-3	-1
24	2	3	5	7	9	10	9	8	9	9	13	11	11	13	14	11	6	5	8	8	4	3	5	4
25	3	5	8	10	12	11	4	1	1	1	3	7	8	7	3	8	2	-0	-4	-2	1	0	-4	-8
26	-13	-11	-22	-26	-21	-16	-11	-10	-8	-7	-4	-1	2	1	2	12	8	7	-3	-5	-2	-2	-2	1
27	1	2	4	5	-3	-15	-22	-23	-25	-31	-28	-26	-15	-21	-27	-19	-19	-20	-19	-26	-30	-29	-30	-34
28	-32	-25	-26	-22	-23	-21	-21	-21	-17	-13	-11	-9	-11	-12	-12	-7	-6	-6	-3	-7	-9	-14	-19	-15
29	-14	-15	-19	-14	-9	-12	-13	-19	-17	-14	-12	-6	-9	-4	-8	-10	-11	-18	-22	-21	-26	-24	-22	-30
30	-37	-37	-41	-38	-32	-29	-29	-27	-23	-24	-22	-21	-20	-19	-17	-16	-16	-15	-19	-22	-21	-21	-24	-23

DECEMBER 1969

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	-22	-19	-16	-15	-12	-12	-11	-12	-13	-12	-10	-10	-15	-14	-12	-12	-16	-18	-18	-20	-23	-24	-21	
2	-16	-12	-10	-9	-11	-11	-9	-10	-8	-6	-8	-9	-10	-10	-10	-8	-5	-2	-3	-6	-7	-5	-4	-4	
3	-4	-4	-3	-5	-3	0	3	3	5	6	6	5	5	2	2	2	4	6	6	8	10	10	5	3	
4	1	2	1	3	7	16	18	13	14	11	5	5	4	2	2	4	8	12	14	11	10	15	15	13	
5	12	12	12	12	11	9	7	11	12	11	6	7	2	-4	-6	-7	-3	-0	-2	4	-8	-11	-9	-7	
6	-13	-14	-26	-27	-28	-37	-32	-25	-24	-22	-15	-12	-11	-8	-1	-4	-6	-3	-1	-1	-7	-5	-2	-0	
7	-0	-0	-2	-4	-5	-4	-6	-6	-5	-2	-1	-1	-2	-2	-2	0	-0	0	2	4	5	6	3	2	
8	1	1	0	1	1	-0	-1	-0	-0	3	3	4	4	2	2	2	6	10	10	10	13	12	7	3	
9	4	3	8	20	14	18	18	12	9	13	12	14	8	7	6	3	3	9	7	7	7	8	4	1	5
10	7	7	6	5	3	4	3	3	2	4	4	5	5	2	0	4	5	7	7	9	6	-8	-23	-30	
11	-27	-18	-12	-10	-7	-6	-8	-2	-2	-4	-3	-2	4	3	-4	-5	-3	-0	2	-1	-2	-1	-1	-2	
12	-4	-3	0	-2	-2	-5	-8	-6	-5	-2	-1	-1	0	-1	-4	-3	-3	-2	1	2	3	4	4	6	
13	10	9	10	11	10	6	5	8	8	9	11	12	10	8	6	7	7	6	6	6	5	5	8	7	
14	6	8	13	14	16	18	18	19	21	17	18	16	15	13	9	9	8	7	7	5	8	11	14	12	
15	13	14	13	12	14	16	17	16	18	14	15	16	14	12	10	10	8	2	-1	2	4	3	-3	-6	
16	-9	-14	-7	-2	0	-1	-5	-7	-3	-1	-3	2	3	1	-3	-12	-15	-16	-10	-11	-12	-8	-8	-5	
17	-4	-8	-5	-2	-2	-2	1	3	4	3	-1	0	2	3	6	8	4	-1	-3	-4	-1	0	0	-2	
18	-4	-1	-2	1	4	7	7	9	9	10	9	10	12	14	18	21	21	19	16	13	11	10	9	8	
19	9	13	11	10	8	8	6	9	11	11	11	15	14	12	12	13	14	15	19	24	22	22	25	26	
20	27	25	24	20	18	17	17	18	20	21	23	24	25	26	24	21	19	15	12	13	13	17	20	21	
21	19	16	11	10	11	13	16	16	18	17	16	16	16	16	17	19	22	22	19	18	18	17	16	17	
22	22	21	21	22	21	19	11	4	3	7	10	13	15	20	25	23	26	26	24	25	28	28	26	25	
23	24	24	23	22	17	12	6	1	0	-2	-3	-6	-3	-3	-2	-2	1	2	-1	-5	-7	-6	-7	-6	
24	-3	-3	-2	-3	-2	-2	-2	-2	1	2	-2	-4	-7	-10	-6	-0	3	3	0	2	5	1	1	6	
25	12	12	10	6	-0	-3	-7	-11	-9	-9	-8	-6	-8	-9	-5	-2	-5	-3	-3	-3	-3	-2	-0	1	
26	8	12	10	4	-1	-5	-6	-3	-2	-0	-2	3	3	4	6	6	7	6	10	10	9	2	2	2	
27	1	-3	-6	-7	-6	-7	-8	-10	-9	-9	-6	-3	-6	-5	-3	-4	-7	-8	-4	-1	-1	-3	-5	-2	
28	2	3	2	6	6	5	-1	-0	3	3	3	1	-0	-1	0	1	1	4	7	9	10	7	3	5	
29	6	9	10	8	6	5	3	3	5	5	4	2	5	5	8	7	4	5	7	9	10	7	4	3	
30	4	5	5	3	2	2	3	5	5	5	5	6	8	8	10	11	10	13	15	16	16	10	9	8	
31	10	15	17	14	16	16	13	10	11	9	7	10	10	10	11	13	13	15	17	20	19	13	11	10	

DAILY MEANS OF EQUATORIAL DST FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	-13	-4	-18	-14	-21	-5	7	6	10	-46	4	-16
2	-2	-30	-22	-24	-12	2	4	21	14	-47	-2	-8
3	4	-93	-10	-38	-17	1	12	9	21	-39	-11	3
4	5	-37	-2	-26	-9	-1	19	-13	9	-25	-7	9
5	3	-30	-0	-21	-4	8	24	-4	-3	-16	2	3
6	1	-19	-7	-13	-6	12	29	4	-20	-19	16	-14
7	5	-17	-14	-32	-2	5	24	16	-12	-16	-1	-1
8	-9	-17	-19	-14	10	14	19	4	-32	-4	1	4
9	-5	-12	-14	-22	3	-5	8	-1	-10	0	-22	9
10	-2	-11	-4	-18	3	-12	5	-6	-3	-17	-20	2
11	3	-79	-17	-19	3	5	14	15	-12	-23	-11	-5
12	-6	-58	-53	-4	14	-19	7	-3	0	-15	-11	-1
13	-0	-40	-27	-25	-32	-16	2	-4	9	-9	-5	8
14	-5	-24	-14	-28	-37	-4	0	0	7	-0	-6	13
15	-8	-18	-34	-22	-92	-6	6	9	-37	-0	2	10
16	-3	-17	-19	-18	-55	-1	6	9	-16	1	12	-6
17	-16	-11	-35	-33	-41	-3	6	-3	8	2	10	-0
18	-11	-3	-24	-27	-25	-2	10	11	-3	-7	9	10
19	-6	6	-4	-10	-15	8	12	2	-7	-1	5	14
20	-4	-1	-39	-6	-4	-1	25	-5	-4	0	1	20
21	-1	-2	-28	-1	-20	5	25	1	3	3	8	17
22	3	5	-22	15	-8	9	6	12	5	1	12	19
23	9	5	-29	4	-5	15	11	5	11	4	9	3
24	-2	3	-163	9	-6	-2	14	11	-1	-2	8	-1
25	-32	-1	-78	3	-6	2	11	9	-3	3	3	-2
26	-20	-1	-42	4	6	2	20	18	6	11	-5	4
27	-24	-12	-23	5	14	7	-55	-22	14	6	-19	-5
28	-14	-33	-12	-38	3	11	-18	-12	7	-6	-15	3
29	-8		-14	-31	4	18	-1	6	-22	2	-16	6
30	-3		-20	-39	3	18	12	9	-86	6	-25	8
31	-7		-8		-4		-1	6		-3		13
MEAN	-5	-20	-26	-16	-12	2	8	4	-5	-8	-2	4

ANNUAL MEAN

JULY 1970

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	9	5	-1	-6	-9	2	-0	-6	-5	4	5	1	5	5	9	12	19	18	13	11	11	14	18
2	17	12	11	10	11	18	12	0	-1	1	7	8	8	8	6	-0	-1	-1	-1	0	6	8	8	10
3	5	-1	-3	-2	6	3	-7	-11	-17	-23	-15	-11	-9	-11	-12	-16	-20	-19	-20	-17	-9	-13	-8	-24
4	-60	-35	-31	-35	-26	-37	-36	-42	-25	-27	-25	-22	-21	-20	-21	-23	-24	-24	-24	-22	-22	-22	-20	-16
5	-15	-14	-8	-4	-14	-21	-21	-13	-12	-11	-8	-7	-9	-8	-8	-7	-4	-4	-5	-3	2	6	9	4
6	-5	-10	-12	-14	-13	-4	-2	-9	-16	-14	-8	-12	-10	-9	-9	-10	-7	-4	-2	0	4	4	2	1
7	3	2	0	0	1	1	3	2	2	2	2	2	3	5	7	8	7	10	9	1	-3	-4	-4	-2
8	-1	-7	-13	-16	-18	-15	-10	-6	-4	-1	3	5	3	3	3	-0	1	6	6	1	-2	-4	-3	12
9	8	7	23	25	-1	-26	-17	-16	-13	-29	-40	-41	-34	-16	-27	-33	-25	-17	-17	-42	-59	-69	-74	-72
10	-60	-31	-34	-38	-37	-33	-29	-25	-25	-25	-23	-20	-26	-27	-22	-5	6	21	-6	-14	-20	-5	-6	-14
11	-21	-28	-32	-25	-14	-10	-12	-12	-12	-14	-16	-15	-16	-17	-17	-13	-11	-6	-4	-7	-11	-4	-2	-6
12	-8	-10	-12	-7	-4	-2	-2	-1	-2	-1	-3	-4	-6	-10	-9	-8	-6	-1	3	-3	-0	0	-0	-0
13	-2	-5	-5	1	5	4	4	4	5	5	5	1	1	-0	1	3	1	2	1	3	3	-1	-0	3
14	2	-0	-3	3	5	6	6	5	5	2	2	5	8	7	4	2	3	5	2	-4	-3	-6	-1	-2
15	-3	-4	-1	4	6	7	9	10	9	9	4	3	4	4	1	0	5	7	6	5	7	11	14	13
16	16	9	0	8	11	12	11	12	11	10	11	13	11	7	4	5	7	7	6	5	7	11	14	16
17	14	12	12	13	18	19	21	22	20	19	18	16	15	12	12	15	15	15	11	7	8	2	-7	-4
18	-2	2	5	3	3	9	11	10	10	10	11	10	10	10	8	9	7	8	10	12	12	8	7	9
19	10	10	11	16	20	21	17	14	15	15	15	12	11	9	10	10	7	7	2	3	9	11	14	14
20	11	7	4	6	11	15	18	16	15	14	14	15	17	16	18	21	23	24	23	20	18	17	17	11
21	2	-1	2	1	-2	5	12	18	16	24	19	14	18	1	-11	-13	-10	-9	-9	-11	-10	-7	-11	-16
22	-14	-12	-10	-8	-2	3	4	5	3	1	-1	0	5	8	4	0	1	-0	-3	-3	-2	-5	-7	-13
23	-17	-19	-17	-8	-1	3	3	6	2	1	5	6	5	3	3	2	2	5	3	7	10	7	7	11
24	15	2	-12	-26	-29	-25	-23	-20	-13	-8	-6	-1	2	6	2	-1	-2	-4	-5	-3	-6	-10	-10	-1
25	16	2	-13	-34	-24	-10	-80	-91	-96	-91	-84	-78	-77	-73	-73	-76	-68	-63	-56	-59	-56	-55	-72	-70
26	-71	-70	-73	-63	-46	-41	-41	-41	-37	-42	-41	-45	-43	-40	-40	-34	-28	-25	-22	-27	-28	-28	-37	-29
27	-22	-23	-25	-24	-21	-22	-21	-18	-16	-20	-22	-22	-20	-19	-22	-21	-21	-18	-18	-18	-19	-16	-15	-17
28	-19	-21	-20	-16	-15	-11	-10	-9	-8	-7	-4	-4	-5	-5	-3	-6	-7	-4	-6	-2	-0	-3	-7	-10
29	-10	3	5	6	-4	-23	-23	-41	-42	-66	-56	-61	-65	-61	-54	-49	-50	-46	-44	-42	-37	-35	-35	-36
30	-35	-34	-27	-25	-23	-22	-24	-20	-17	-16	-18	-19	-20	-19	-18	-20	-24	-21	-20	-17	-15	-19	-16	-14
31	-20	-24	-28	-25	-26	-22	-20	-19	-22	-22	-18	-16	-15	-17	-19	-17	-14	-12	-11	-12	-13	-20	-22	-19

AUGUST 1970

NOT REPRODUCIBLE

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	-14	-13	-10	-4	-3	-4	-6	-7	-4	-9	1	0	1	2	6	10	12	11	8	3	-2	0	5
2	-4	-6	-5	-3	-2	2	6	7	5	2	6	8	10	14	18	20	18	19	19	16	17	14	14	17
3	24	28	27	26	23	21	23	22	20	19	17	15	15	14	10	8	10	10	9	8	9	8	10	8
4	3	2	5	10	15	16	17	15	14	14	15	11	13	12	10	14	13	16	19	23	23	23	24	28
5	24	22	19	14	11	10	10	10	11	12	10	12	12	12	10	8	9	14	21	24	25	25	24	21
6	21	16	15	15	22	25	24	20	19	19	20	25	26	25	26	24	32	29	22	18	28	32	28	20
7	21	20	18	23	30	28	28	23	24	21	21	22	23	21	19	19	14	14	15	18	22	16	-7	-12
8	-11	-8	-5	-19	-14	-9	-8	-4	-15	-37	-47	-39	-28	-24	-26	-30	-28	-25	-27	-29	-28	-29	-34	-34
9	-41	-63	-46	-31	-32	-31	-30	-28	-21	-18	-16	-11	-10	-9	-9	-9	-8	-11	-16	-12	-8	-9	-11	-13
10	-11	-12	-11	-10	-6	-4	-3	-2	-3	-7	-7	-4	-0	-1	0	1	-2	-8	-9	-8	-4	-6	-7	-5
11	-6	-7	-6	-7	-1	2	4	5	8	9	5	3	4	4	3	-2	-4	-4	-7	-5	-1	1	-1	-13
12	-19	-20	-21	-22	-23	-13	-8	-7	-5	-3	-2	-2	0	0	1	1	3	1	-2	-2	3	2	2	7
13	11	5	2	-0	1	-2	-11	-7	-4	-1	-4	-5	-1	4	1	-4	-5	-4	-1	-4	-4	-9	-16	-12
14	-8	-3	-2	-7	-10	-7	-3	1	3	4	4	2	2	3	2	-0	0	-1	-1	2	9	10	8	7
15	9	11	9	4	9	7	4	5	6	4	2	-0	-4	-5	-6	-6	-6	-4	-2	2	5	14	20	15
16	17	25	21	14	12	7	8	8	9	10	9	5	4	7	12	13	13	9	3	2	2	1	42	21
17	12	8	-9	-43	-114	-149	-167	-177	-176	-156	-147	-148	-127	-99	-94	-96	-107	-105	-95	-94	-99	-88	-91	-96
18	-94	-85	-78	-78	-78	-70	-73	-73	-74	-76	-69	-75	-71	-70	-69	-68	-68	-66	-70	-65	-56	-59	-64	-67
19	-59	-64	-53	-47	-49	-44	-41	-41	-41	-38	-30	-31	-33	-31	-30	-31	-34	-36	-33	-31	-26	-28	-30	-33
20	-35	-35	-32	-29	-26	-21	-19	-18	-20	-22	-20	-21	-23	-21	-17	-17	-15	-15	-17	-17	-16	-11	-13	-20
21	-25	-30	-30	-25	-20	-16	-15	-15	-10	-8	-9	-9	-10	-7	-5	-4	-6	-10	-12	-13	-13	-10	-9	-9
22	-13	-13	-12	-9	-5	-3	0	4	-0	-3	-2	-6	-8	-10	-11	-12	-11	-12	-16	-19	-16	-13	-15	-21
23	-25	-25	-22	-22	-22	-16	-10	-14	-18	-19	-16	-11	-6	-3	-3	-4	-3	-4	-7	-8	-7	-5	-6	-8
24	-8	-7	-11	-13	-7	-5	-5	-4	-2	-0	0	-1	-2	-2	-1	-1	-3	-5	-10	-10	-8	-8	-11	-14
25	-14	-13	-13	-15	-14	-13	-10	-13	-15	-13	-14	-16	-19	-18	-17	-18	-15	-17	-20	-21	-18	-16	-17	-17
26	-13	-7	1	-1	-12	-26	-29	-25	-27	-33	-38	-41	-29	-24	-29	-34	-31	-33	-34	-28	-22	-24	-26	-23
27	-28	-28	-24	-19	-19	-25	-20	-14	-11	-8	-7	-9	-8	-4	-4	-5	-8	-10	-12	-15	-13	-15	-19	-22
28	-18	-11	-10	-9	-4	-7	-9	-2	-2	1	-1	-1	5	8	7	4	-5	-9	-3	-7	-15	-21	-23	-15
29	-14	-16	-14	-21	-31	-30	-19	-19	-24	-22	-18	-16	-17	-14	-12	-12	-12	-14	-15	-14	-13	-9	-10	-12
30	-14	-17	-13	-10	-8	-6	-2	-3	-4	-4	-3	-4	-2	0	2	2	3	3	-2	-4	-3	-1	3	6
31	6	5	9	18	22	17	3	-7	-20	-19	-15	-7	-1	1	2	4	-5	-19	-33	-40	-32	-22	-19	-17

MAY 1970

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	0	3	-2	-2	-7	-12	-10	-4	-1	0	2	1	-6	-6	-6	-2	2	5	2	-1	-7	-14	-7	
2	-4	-1	-1	-1	-2	1	-1	-3	-2	1	2	5	7	3	0	-2	1	-2	2	1	-1	-3	-4	-2	
3	4	4	7	5	3	4	4	6	7	8	10	8	8	12	10	9	15	17	16	15	9	1	1	6	
4	14	17	17	14	11	7	5	4	6	8	4	2	6	8	5	3	4	3	1	1	-2	-6	-4	-1	
5	2	2	4	6	10	10	12	11	12	10	1	-8	-5	-3	-8	-5	-5	-4	-3	0	0	-2	-3	-8	
6	-5	0	1	-0	1	-1	-1	-1	-2	-2	-3	-4	-7	-9	-11	-11	-9	-3	1	3	6	9	13	17	
7	17	20	17	14	12	12	14	12	11	13	13	7	9	10	10	12	16	16	15	14	13	9	9	11	
8	16	20	22	25	25	24	22	19	15	16	17	16	16	17	16	17	21	20	17	11	5	-1	-7	-9	
9	-5	-1	5	8	8	9	7	5	5	6	5	6	7	9	7	5	4	5	8	11	12	12	11	10	
10	9	7	7	6	6	6	6	8	8	9	10	9	9	7	6	7	6	6	5	5	5	8	12	17	
11	16	14	12	12	12	12	14	17	16	17	17	17	18	18	18	18	20	22	22	22	25	25	25	23	
12	21	15	14	19	11	15	20	24	19	18	13	4	6	5	1	1	1	1	-8	-10	-10	-16	-18	-16	
13	-10	-9	-12	-18	-22	-22	-15	-9	-6	-5	-3	-4	-4	-6	-6	-7	-2	1	0	-4	-8	-2	-1	-2	
14	4	7	12	12	10	5	-1	-4	-6	2	6	4	2	2	-0	-1	-6	-11	-13	-13	-10	-6	2	-3	
15	-6	-17	-12	-6	-8	-15	-10	-5	-8	-10	-11	-8	-4	-6	-6	-9	-7	-6	-8	-9	-7	-5	-1	4	
16	5	4	2	-0	-2	-5	-4	-0	4	6	5	3	5	4	4	4	6	4	0	-1	0	-3	3	5	
17	13	15	20	22	12	-11	-13	0	8	10	11	3	-3	-7	-9	-2	5	8	5	2	0	2	5	4	
18	6	3	-0	-4	6	9	13	16	21	20	20	17	9	8	7	9	10	12	13	10	8	7	11	15	
19	17	14	15	9	3	1	7	10	10	9	5	7	11	16	19	22	25	25	23	19	15	17	19	17	
20	17	17	16	10	-3	-10	-10	0	3	3	4	-0	-5	-3	-0	1	-2	-0	-4	-7	-13	-15	-9	-8	
21	-9	-4	-3	-3	-7	-8	-7	-2	1	1	-0	-2	-5	-9	-11	-11	-8	-7	-10	-13	-14	-10	-8	-8	
22	-4	-4	-4	-6	-1	-0	0	4	8	9	7	3	3	0	1	0	1	2	3	-0	-3	-7	-7	-1	
23	5	7	9	6	5	6	8	9	10	13	13	10	8	12	17	15	14	12	4	-0	-3	-6	-4	-1	
24	-2	7	8	7	2	-0	2	6	6	7	6	4	5	11	9	8	10	10	6	4	3	5	7	7	
25	8	2	-1	-0	-1	-3	1	6	10	10	7	-0	-6	-11	-10	-11	-8	-6	-5	-1	-0	-1	0	6	
26	6	6	7	8	8	8	7	9	12	13	12	11	11	11	12	11	9	10	13	13	12	14	15	16	
27	19	18	18	18	14	18	18	17	14	16	19	20	15	20	20	20	16	11	5	-2	-5	-17	-27	-36	
28	-34	-44	-37	-20	-16	-11	-5	6	7	2	-20	-58	-71	-51	-66	-71	-69	-65	-67	-66	-61	-52	-44	-38	
29	-49	-44	-39	-43	-49	-49	-51	-39	-48	-41	-35	-34	-35	-34	-32	-32	-29	-29	-30	-29	-34	-29	-23	-19	
30	-22	-20	-22	-23	-27	-25	-20	-15	-13	-18	-24	-18	-12	-10	-10	-11	-12	-15	-16	-18	-21	-24	-22	-16	
31	-12	-9	-8	-10	-13	-14	-13	-10	-3	-1	-1	-1	-2	-1	1	2	3	2	-5	-9	-7	-6	-1	5	

JUNE 1970

NOT REPRODUCIBLE

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	8	1	-2	-13	-13	-2	0	-1	-6	-6	-4	-2	-9	-12	-10	-8	-6	-11	-17	-23	-22	-24	-18
2	-13	-6	15	-0	-4	-3	-1	2	4	9	12	11	8	3	1	-1	-4	-3	-3	-6	-5	-2	-2	-1
3	4	8	3	-5	-14	-17	-15	-11	-8	-7	-11	-10	-3	-2	-1	-3	-3	-4	-10	-14	-13	-14	-14	-14
4	-8	-7	-6	-5	-11	-17	-11	-9	-8	-6	-6	-7	-7	-8	-6	-5	-2	2	1	-2	-7	-11	-8	-5
5	2	8	8	-0	-3	-8	-11	-11	-7	-0	3	-0	-2	-3	-4	-4	-4	-3	-2	-2	-0	3	7	10
6	12	18	20	19	18	15	13	10	9	10	10	9	8	7	7	7	8	13	16	17	18	16	14	16
7	17	21	20	15	12	13	15	17	18	18	23	28	31	33	32	30	32	34	35	20	16	9	3	-5
8	-2	-5	-17	-17	-13	-19	-21	-10	-5	-3	-7	-7	2	8	11	11	7	5	-0	-5	-7	-6	-3	2
9	6	12	11	5	2	6	8	9	7	7	7	7	8	9	12	13	17	15	11	3	3	2	-3	-2
10	0	2	-1	-2	1	5	5	7	3	3	6	11	13	13	10	6	1	-2	-6	-10	-9	-9	-6	-0
11	0	-0	4	2	4	6	8	6	8	10	13	16	18	21	22	22	19	17	6	2	1	2	4	5
12	8	8	9	10	11	11	10	11	12	13	11	11	14	16	18	21	19	13	8	8	8	10	9	13
13	19	26	25	19	14	17	16	10	10	7	-2	-4	-7	-8	-2	4	1	-2	-5	-4	-5	-5	-5	-0
14	4	3	3	1	-6	-7	-7	-2	2	4	6	5	6	8	10	11	14	18	16	12	14	21	26	27
15	15	1	-3	-1	2	-2	-6	-3	-4	-12	-11	-5	-4	-1	1	0	-1	-1	-1	-2	-2	-3	2	9
16	8	6	2	-9	-8	-9	-7	-3	3	5	7	4	1	1	4	6	10	12	8	6	7	6	2	4
17	9	13	15	15	14	14	15	20	39	40	39	32	27	28	29	25	19	14	8	-3	-12	-14	-19	-22
18	-19	-16	-8	-6	-3	-1	-1	2	-2	-15	-9	-14	-15	-15	-5	-13	-14	-20	-24	-31	-34	-33	-30	-19
19	-15	-13	-17	-27	-24	-23	-18	-13	-12	-14	-13	-9	-6	-4	-5	-8	-11	-13	-18	-17	-12	-10	-12	-18
20	-31	-38	-36	-34	-37	-45	-45	-44	-43	-32	-28	-27	-29	-28	-29	-30	-30	-27	-26	-30	-33	-35	-43	-51
21	-56	-53	-57	-53	-52	-55	-59	-57	-54	-47	-41	-38	-28	-25	-26	-29	-30	-25	-20	-16	-12	-13	-11	-8
22	-7	-10	-8	-6	-6	-5	-2	1	2	3	3	3	-1	-1	-5	-3	0	5	13	18	19	17	23	19
23	12	8	7	6	5	5	5	7	6	7	8	9	7	7	8	3	5	10	9	15	17	15	13	15
24	16	9	8	14	18	21	23	22	22	22	24	25	26	32	32	33	32	34	34	26	21	23	22	14
25	9	1	-1	3	-0	-4	2	6	5	6	4	4	2	1	3	3	5	5	1	2	8	12	8	11
26	16	16	11	12	10	6	2	3	2	2	5	11	12	15	16	12	9	8	2	-2	-3	-3	-1	4
27	3	3	4	1	-9	-7	15	19	-12	-25	-19	-11	-24	-31	-27	-22	-26	-23	-28	-27	-28	-35	-29	-19
28	-13	-17	-27	-27	-27	-23	-19	-18	-17	-17	-15	-16	-18	-22	-21	-21	-19	-15	-14	-14	-8	-7	-3	-0
29	3	2	0	-2	-2	-1	3	-0	-1	0	2	4	4	2	-0	-3	-9	-10	-11	-12	-10	-12	-10	-4
30	1	1	0	2	1	4	5	6	3	-1	0	2	0	-2	-2	-1	2	4	5	6	6	7	7	10

MARCH 1970

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	-18	-11	-23	-24	-18	-23	-27	-42	-49	-38	-21	-21	-31	-38	-43	-38	-31	-30	-29	-27	-26	-20	-17
2	-26	-32	-36	-33	-34	-42	-37	-28	-28	-28	-27	-16	-10	-7	-3	0	-1	-2	-1	-2	-2	-1	1	-5
3	-6	-3	-5	-4	-4	-7	-9	-9	-7	-5	-2	0	-6	-2	-1	-2	-4	-5	-4	-8	-16	-19	-15	-11
4	-5	-9	-15	-14	-10	-6	-9	-9	-3	-6	-4	-0	-2	-8	-8	-11	-16	-11	-11	-19	-22	-19	-14	-12
5	-10	-8	-5	-4	-6	-8	-7	-4	8	3	7	9	9	7	9	13	18	10	3	-8	-21	-26	-18	-20
6	-31	-33	-17	-13	-13	-13	-15	-18	-20	-25	-16	-12	-12	-13	-15	-14	-14	-18	-17	-24	-31	-38	-48	-48
7	-48	-51	-44	-49	-53	-45	-39	-40	-33	-31	-40	-37	-30	-30	-28	-20	-21	-14	-24	-30	-13	-22	-14	-42
8	-43	-42	-44	-44	-60	-76	-85	-80	-67	-72	-66	-52	-55	-45	-22	-45	-61	-46	-74	-121	-204	-227	-268	-265
9	-255	-236	-227	-218	-194	-180	-169	-161	-152	-144	-137	-133	-129	-118	-118	-105	-96	-98	-96	-91	-96	-98	-92	-90
10	-83	-76	-75	-77	-78	-77	-73	-69	-65	-66	-64	-63	-63	-64	-65	-66	-62	-56	-56	-59	-60	-58	-55	-52
11	-56	-58	-57	-53	-52	-51	-50	-48	-45	-46	-46	-47	-46	-48	-50	-50	-48	-46	-43	-43	-41	-38	-34	-35
12	-37	-39	-40	-42	-41	-41	-39	-41	-41	-38	-36	-34	-28	-23	-22	-25	-27	-27	-25	-23	-22	-22	-22	-19
13	-18	-16	-15	-15	-18	-22	-26	-22	-20	-20	-22	-22	-20	-24	-27	-32	-29	-26	-24	-23	-33	-27	-20	-20
14	-20	-21	-18	-16	-17	-19	-16	-13	-14	-16	-16	-13	-14	-15	-16	-16	-14	-13	-14	-15	-17	-14	-11	-9
15	-11	-13	-15	-17	-24	-31	-30	-23	-23	-21	-18	-15	-13	-11	-11	-8	-7	-6	-7	-12	-14	-13	-8	-6
16	-5	-9	-10	-11	-13	-11	-9	-7	-7	-8	-9	-9	-9	-10	-8	-7	-4	-2	1	2	0	2	5	5
17	3	3	5	6	4	1	1	6	9	10	9	7	2	-4	-6	-4	-1	3	5	1	-4	-4	-9	-13
18	-14	-10	-10	-10	-11	-8	-7	-4	-1	0	-8	-14	-17	-17	-11	-7	-7	-5	-2	-4	-5	-7	-12	-14
19	-14	-11	-8	-6	-4	-5	-6	-5	-4	-2	-3	-5	-1	-0	-1	0	-0	-0	-1	-0	-5	-10	-11	-9
20	-6	-6	-6	-5	-4	-4	-3	-0	-0	-2	-1	-1	-3	-6	-7	-7	-5	-2	-5	-7	-9	-9	-10	-11
21	-12	-13	-13	-14	-9	-5	-5	-2	-1	-2	-2	-1	-1	-0	-3	-2	-3	-4	-7	-6	-6	-4	-3	-2
22	-1	2	4	5	5	4	3	2	3	4	3	2	1	1	0	0	-0	2	2	2	2	3	6	5
23	5	4	4	4	2	2	5	5	-1	-1	1	4	3	-2	-3	-2	-3	-1	-0	-4	-2	0	4	5
24	3	2	5	5	6	6	5	6	6	8	8	9	9	11	11	9	6	6	7	7	9	6	3	4
25	7	8	10	12	13	11	9	8	8	9	11	13	15	13	10	9	10	12	12	9	5	4	5	8
26	12	13	13	13	7	4	4	7	5	6	8	10	11	11	8	5	6	9	9	9	7	7	5	5
27	5	7	10	12	12	11	13	36	47	30	20	32	36	30	23	14	12	13	14	8	-5	-13	-26	-27
28	-26	-25	-22	-20	-22	-20	-21	-21	-20	-24	-34	-21	-29	-34	-41	-42	-34	-36	-34	-34	-33	-28	-34	-42
29	-41	-33	-37	-39	-41	-37	-38	-33	-29	-27	-27	-26	-24	-23	-22	-21	-26	-28	-28	-28	-24	-22	-18	-23
30	-29	-13	-6	-6	-12	-18	-24	-24	-18	-15	-20	-26	-31	-31	-27	-25	-25	-29	-27	-25	-26	-27	-18	-12
31	-9	-10	-10	-8	-18	-2	-1	-31	-52	-42	-48	-42	-32	-30	-51	-22	-17	-16	-31	-45	-48	-37	-40	-47

APRIL 1970

NOT REPRODUCIBLE

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	-33	-32	-35	-39	-42	-42	-41	-39	-36	-54	-33	-31	-29	-29	-27	-27	-28	-30	-33	-34	-34	-32	-18	-11
2	-14	-12	-13	-16	-23	-27	-23	-22	-20	-18	-18	-17	-14	-15	-18	-21	-21	-17	-20	-20	-18	-19	-19	-16
3	-10	-12	-15	-14	-26	-31	-30	-21	-15	-18	-16	-12	-13	-21	-21	-12	-10	-12	-11	-9	-9	-10	-8	-5
4	-4	-2	-9	-8	-6	-8	-10	-16	-13	-8	-4	-5	0	-2	-2	-0	0	2	1	1	1	0	2	5
5	10	12	9	7	8	8	4	4	4	-2	-5	2	2	5	2	4	4	4	3	6	6	8	8	11
6	10	3	-2	-4	-18	-18	-23	-34	-27	-23	-21	-24	-27	-22	-17	-22	-21	-25	-23	-27	-29	-30	-27	-14
7	-7	-2	-0	1	-3	-7	-13	-14	-12	-15	-13	-11	-10	-10	-12	-12	-12	-8	-5	-0	-1	-2	-1	2
8	-3	-10	-5	-7	-13	-15	-10	-8	-9	-9	-9	-7	-3	-5	-9	-13	-11	-8	-4	3	2	-2	-9	-10
9	-4	-1	5	2	9	8	4	-5	-1	3	3	5	-9	-18	-19	-22	-26	-27	-26	-23	-18	-15	-21	-18
10	-12	-10	-9	-5	-3	-3	-1	1	0	0	-0	1	5	6	4	4	5	7	8	8	8	2	-0	-1
11	-2	-8	-7	-5	-6	-6	-4	-5	-10	-13	-9	-3	-0	-0	-6	-9	-7	-6	-3	-2	-1	-3	-4	-0
12	7	9	8	2	3	0	-5	-11	-11	-6	-4	1	6	9	7	1	-2	1	1	3	5	4	5	7
13	10	11	9	7	3	4	5	5	6	7	6	5	5	8	11	13	16	18	18	17	17	13	11	12
14	15	16	18	15	12	10	9	9	11	11	10	9	8	10	12	10	8	6	5	6	9	11	9	10
15	14	19	21	21	24	23	22	20	17	19	20	21	20	17	14	15	14	13	-1	-11	-7	-4	-4	-0
16	-7	-9	-9	-5	-12	-10	-8	-13	-11	-11	-10	-10	-5	-6	-5	-3	1	5	4	-1	-13	-30	-33	-41
17	-48	-43	-41	-37	-48	-44	-34	-29	-29	-27	-22	-23	-18	-14	-17	-22	-23	-21	-28	-31	-31	-47	-41	-28
18	-16	-7	-5	-7	-7	-4	-4	-5	-3	-10	-19	-23	-14	-17	-23	-23	-18	-20	-19	-20	-20	-32	-38	-32
19	-13	-10	-33	-46	-43	-41	-35	-44	-40	-55	-52	-34	-19	-21	-23	-22	-30	-28	-29	-29	-29	-29	-28	-25
20	-20	-18	-20	-27	-25	-26	-23	-20	-18	-18	-19	-9	-10	-16	-11	-12	-14	-12	-13	-5	1	-9	-22	-29
21	-22	-17	-21	-19	-30	-43	-46	-48	-51	-64	-72	-75	-73	-90	-112	-109	-108	-110	-119	-116	-111	-105	-127	-124
22	-116	-131	-146	-143	-108	-93	-79	-82	-76	-51	-56	-52	-49	-42	-44	-52	-51	-50	-47	-42	-38	-37	-39	-37
23	-34	-35	-37	-38	-37	-38	-41	-43	-40	-35	-30	-33	-34	-42	-41	-40	-38	-40	-39	-40	-41	-46	-52	-49
24	-41	-35	-43	-46	-41	-39	-40	-40	-39	-38	-37	-36	-33	-30	-30	-20	-20	-19	-21	-19	-21	-25	-22	-17
25	-18	-19	-19	-25	-20	-21	-28	-28	-33	-40	-36	-18	-13	-11	-14	-14	-13	-11	-16	-21	-27	-25	-24	-28
26	-22	-23	-22	-29	-25	-18	-13	-12	-12	-11	-9	-9	-16	-20	-24	-25	-22	-19	-18	-21	-19	-21	-23	-23
27	-23	-27	-24	-22	-22	-20	-17	-18	-14	-12	-12	-11	-13	-14	-16	-17	-16	-11	-9	-10	-9	-5	-5	-4
28	-3	-8	-10	-12	-12	-11	-12	-9	-10	-8	-8	-8	-12	-12	-11	-13	-13	-11	-8	-7	-6	-6	-6	-3
29	-1	-3	-8	-7	-7	-8	-7	-4	-2	-4	-4	-2	-3	-8	-11	-11	-12	-14	-14	-13	-7	-5	-6	-1
30	4	1	-9	-10	-26	-18	-5	-5	-8	-24	-23	-18	-12	-12	-20	-27	-23	-22	-15	-14	-15	-19	-13	-15

JANUARY 1970

NOT REPRODUCIBLE

UNIT=GAMMAS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	G.M.T.	
DAY																								23	24
1		6	9	13	13	12	7	7	11	13	13	13	12	8	4	6	5	4	3	5	13	13	11	8	12
2		9	3	3	-4	-2	-11	-11	-18	-14	-11	-11	-18	-21	-19	-21	-26	-31	-30	-26	-30	-31	-25	-22	-25
3		-18	-13	-12	-12	-11	-11	-14	-17	-15	-15	-18	-17	-18	-15	-14	-16	-17	-19	-17	-18	-18	-17	-14	-12
4		-12	-9	-3	-2	-3	-6	-8	-8	-6	-7	-5	-5	-5	-4	-4	-3	-5	-6	-6	-7	-8	-9	-8	-6
5		-7	-4	-2	-0	1	0	7	10	9	0	-1	0	2	5	7	5	8	11	12	12	14	11	8	8
6		-1	-1	1	1	1	-0	-0	-1	0	1	-0	-1	-1	0	2	0	-4	-6	-8	-6	-5	-3	1	5
7		5	8	8	10	11	10	8	7	8	10	10	9	9	8	9	11	7	4	-6	-10	-10	-8	-7	-4
8		-1	2	2	1	1	1	-2	-4	-2	1	2	5	9	12	12	13	8	-2	5	5	15	18	19	17
9		8	7	9	9	4	-1	-1	-3	-4	-0	0	1	3	5	9	5	5	2	0	-1	0	2	6	10
10		12	11	13	14	11	9	9	7	5	5	5	4	5	6	10	11	7	4	3	1	-0	4	8	11
11		10	4	2	5	7	9	7	5	7	9	8	8	11	11	13	15	16	14	13	9	7	6	7	5
12		-3	-2	-3	-4	-1	5	6	5	4	3	-0	0	7	13	16	17	14	9	6	9	8	5	3	4
13		4	7	10	9	7	7	7	9	11	11	10	7	8	4	1	4	2	8	10	11	13	14	9	6
14		6	8	7	5	3	4	5	3	4	5	4	2	-2	-7	-7	-5	-5	-3	-0	2	7	11	9	8
15		8	7	3	5	10	19	21	21	19	19	18	19	18	15	16	16	10	10	7	5	5	4	1	-2
16		-4	-9	-11	-13	-10	-9	-16	-17	-18	-20	-19	-15	-26	-28	-29	-32	-32	-31	-35	-36	-42	-42	-40	-41
17		-48	-50	-52	-54	-46	-41	-36	-33	-30	-28	-26	-24	-22	-21	-18	-15	-15	-18	-18	-18	-19	-15	-14	-13
18		-15	-20	-19	-18	-15	-14	-18	-22	-17	-13	-11	-9	-10	-9	-5	2	3	-2	-2	-2	-5	-7	-3	4
19		11	10	7	6	3	4	4	2	1	2	3	4	5	4	5	11	7	3	1	3	2	-0	2	5
20		4	-0	-3	-8	-6	-2	-1	1	2	3	4	2	-2	-5	0	3	8	8	8	-0	-8	-2	7	10
21		9	6	5	6	4	3	4	4	3	1	2	3	3	3	8	11	11	8	2	0	-1	2	5	9
22		8	7	4	1	-0	3	3	3	6	7	7	6	5	2	3	5	5	6	6	8	9	10	9	9
23		5	7	-5	-8	-4	-1	1	-1	2	5	5	6	5	3	10	15	15	13	12	10	8	11	9	10
24		11	8	5	4	5	6	5	-3	-3	-4	-2	-1	-4	-6	-2	3	3	2	1	1	-1	-4	0	-0
25		2	3	1	1	2	4	3	3	4	4	5	6	6	4	5	7	7	5	6	5	5	9	11	12
26		12	10	8	5	4	4	3	3	4	5	5	5	6	5	5	7	6	7	9	9	6	6	1	2
27		2	3	1	1	8	9	9	10	9	9	8	10	9	10	10	13	16	17	15	15	11	3	-4	-5
28		-3	1	6	9	9	8	9	11	13	14	16	16	17	19	24	25	37	35	32	27	23	23	17	11
29		8	10	9	11	12	11	6	-0	5	7	5	6	6	5	11	13	15	13	17	23	22	23	25	29
30		21	22	25	21	16	5	3	6	8	12	9	11	13	15	15	21	11	2	13	11	4	8	15	11
31		10	2	-10	-7	-4	-3	-4	-4	-2	-1	-1	2	5	8	11	18	19	15	9	5	5	6	7	6

FEBRUARY 1970

NOT REPRODUCIBLE

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	4	-1	-4	-1	7	5	6	8	10	10	13	16	18	21	22	20	20	18	22	23	19	9
2	11	9	7	0	-3	-2	2	-0	5	6	-2	-10	-9	-1	3	5	3	3	-2	-9	-15	-10	-5	-11
3	5	6	2	-4	-6	-8	-6	-4	-3	-1	-2	-2	-1	0	1	3	3	2	2	4	6	7	9	11
4	11	11	8	4	5	3	4	6	-0	-5	-4	0	4	8	4	3	1	-7	-6	-9	-9	-7	-4	-1
5	3	5	-2	-8	-13	-9	-7	-5	-4	-4	-3	-1	2	2	4	2	2	0	2	2	3	4	1	2
6	5	6	5	1	-4	-3	-5	-5	-4	-2	-0	2	5	7	9	12	13	12	0	7	4	3	4	8
7	13	12	8	4	2	2	1	0	2	3	3	3	4	3	1	1	0	2	5	5	5	8	8	8
8	11	9	6	3	5	9	9	9	9	11	12	12	12	12	13	14	15	14	4	13	12	11	11	11
9	12	10	7	4	5	6	6	9	9	9	10	12	14	13	11	13	14	16	9	22	24	23	21	25
10	26	22	17	13	8	6	6	5	8	12	13	15	17	17	21	26	21	11	5	5	7	5	3	4
11	7	9	7	4	4	5	7	9	8	4	2	5	8	8	10	11	9	7	4	3	5	7	4	-3
12	-6	-5	-0	4	7	9	9	10	12	13	13	16	20	20	21	24	27	27	20	18	20	20	17	13
13	7	6	6	6	9	16	16	20	23	21	19	22	26	29	30	34	36	35	27	23	22	22	21	17
14	15	13	9	-6	-18	-17	-11	-7	-4	-0	-2	-0	2	5	5	6	4	3	3	4	3	5	6	6
15	7	-1	-8	-16	-16	-16	-16	-16	-13	-8	-6	3	7	8	7	11	12	9	11	16	18	22	22	17
16	18	21	17	12	9	9	9	8	8	9	10	11	13	11	10	10	12	14	15	14	15	15	12	11
17	13	13	10	6	9	12	14	16	16	16	12	10	14	18	20	21	23	24	9	2	-4	-6	-6	-4
18	-1	-1	-2	-3	-6	-9	-10	-8	-4	-2	-0	2	3	5	9	7	9	10	11	9	5	5	0	-0
19	4	7	8	4	4	5	5	4	3	6	5	5	7	8	10	12	12	12	13	14	12	10	11	15
20	17	21	20	16	15	13	12	11	10	11	11	12	10	6	8	10	13	14	13	9	6	4	6	9
21	13	14	16	17	16	12	10	11	13	12	12	11	12	11	8	8	7	7	10	10	10	14	14	14
22	15	16	16	19	17	17	15	14	13	14	14	15	15	14	13	14	14	15	17	21	17	15	16	19
23	19	23	24	24	22	19	20	21	20	21	21	23	26	27	27	27	28	28	26	28	36	36	32	29
24	31	29	25	23	18	19	21	20	18	21	24	25	26	30	35	19	29	31	17	18	12	5	4	6
25	9	13	13	13	10	14	14	15	15	13	9	8	11	13	14	16	16	19	21	18	15	14	15	13
26	9	8	5	-0	-7	-9	-12	-16	-15	-17	-18	-20	-22	-21	-24	-18	-15	-12	-11	-16	-17	-15	-13	-11
27	-11	-11	-12	-16	-17	-18	-12	-15	-15	-16	-18	-19	-14	-12	-12	-8	-6	-6	-4	5	4	-5	-9	-16
28	-26	-28	-26	-23	-17	-19	-20	-20	-23	-17	-16	-14	-16	-19	-15	-12	-6	-6	-3	-0	-1	-0	-2	-5

301

SEPTEMBER 1970

AY	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	-8	-5	0	3	4	-2	-8	-19	-31	-27	-15	-0	17	1	-5	-10	-8	-10	-21	-21	-18	-24	-24
2	-22	-16	-8	-6	-6	-11	-9	-6	-2	-3	-15	-18	-17	-8	-7	-11	-13	-16	-17	-18	-19	-26	-24	-23
3	-18	-11	-6	-6	-13	-7	-2	-0	-6	-17	-20	-10	-12	-7	-2	-4	-7	-6	-6	-8	-9	-16	-20	-28
4	-16	-12	-3	2	1	2	2	-4	1	-0	-0	-3	-0	6	9	7	3	-2	-8	-16	-17	-13	-9	-9
5	-11	-5	-4	-1	1	-1	-1	2	3	2	1	-1	0	1	1	3	2	3	0	-2	-7	-8	-17	-16
6	-11	-4	1	1	0	3	7	9	10	8	7	4	5	5	4	4	3	3	3	4	6	5	1	-3
7	-4	-2	1	4	7	10	11	13	12	11	9	13	15	15	12	9	11	12	11	9	5	0	2	2
8	3	5	9	14	15	12	8	10	14	12	12	10	10	10	9	6	7	7	3	-3	-3	3	5	3
9	-1	2	6	6	5	3	2	8	10	9	8	9	10	11	11	8	6	8	7	2	-3	-7	-9	-12
10	-13	-14	-15	-21	-28	-19	-10	-5	-3	-1	-1	0	3	4	4	3	3	-0	-2	-3	-3	-1	3	4
11	3	3	3	3	4	3	6	8	10	9	7	6	5	5	4	5	7	6	5	8	10	10	14	19
12	17	15	15	14	12	13	11	8	8	9	11	11	10	10	9	7	10	9	9	8	7	7	11	15
13	16	15	17	17	17	6	-12	-20	-27	-25	-26	-29	-38	-32	-38	-30	-28	-25	-20	-18	-27	-30	-33	-39
14	-24	-15	-19	-19	-13	-11	-10	-10	-12	-13	-12	-10	-17	-23	-22	-30	-30	-26	-26	-28	-32	-36	-33	-26
15	-30	-30	-30	-25	-27	-21	-18	-12	-7	-8	-10	-13	-16	-18	-17	-16	-14	-11	-15	-18	-19	-22	-22	-19
16	-15	-11	-6	-2	-2	-7	-9	-7	-3	-5	-3	-4	-4	-6	-6	-5	-3	1	-2	-5	-8	-10	-7	-5
17	-6	-6	-2	0	0	-3	-4	-9	-7	-3	-2	-1	-3	-5	-5	-1	1	5	3	-2	-3	-7	-14	-12
18	-8	-8	-9	-10	-8	-3	-3	-2	-4	-7	-4	-3	-6	-7	-9	-5	-5	0	1	1	-1	-3	-8	-5
19	-7	-7	-8	-8	-8	-12	-10	-7	-10	-18	-23	-15	-8	-10	-16	-17	-15	-7	-9	-18	-18	-19	-20	-13
20	-9	-7	-2	4	2	-3	-3	-2	-3	-2	-5	-7	-7	-8	-11	-14	-12	-4	-1	-5	-13	-11	-9	-20
21	-23	-24	-21	-8	-8	-15	-16	-14	-14	-15	-8	-8	-7	-10	-15	-14	-14	-11	-17	-17	-15	-16	-16	-15
22	-15	-18	-16	-16	-11	-9	-4	-2	-1	-0	-4	-4	-3	-2	1	1	-0	-0	-2	-5	-6	-7	-9	-10
23	-10	-10	-6	-3	2	5	5	2	-2	-3	-5	-5	-1	-1	-1	-1	-1	-2	-3	-7	-8	-8	-8	-11
24	-16	-16	-11	-6	-6	-6	-5	-8	-8	-7	0	4	4	5	8	8	9	8	4	-2	1	3	1	-2
25	-1	1	4	4	2	-6	-12	-6	-2	-2	-1	3	6	9	9	8	11	13	10	7	7	9	9	9
26	7	4	0	-0	0	3	5	5	6	3	5	9	14	14	18	19	23	26	27	25	22	28	26	18
27	9	1	-11	-12	-21	-23	-26	-23	-14	-11	-14	-16	-13	-9	-9	-10	-4	5	5	2	1	1	-12	-25
28	-28	-19	-12	-14	-15	-6	-1	0	-1	-3	1	2	-0	-2	-1	-2	2	7	8	8	9	8	10	8
29	5	5	6	15	20	16	13	15	9	8	11	11	10	9	11	11	14	18	18	20	20	22	22	21
30	21	20	15	21	25	24	29	20	17	13	12	19	21	20	19	24	26	23	25	24	23	20	19	18

OCTOBER 1970

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
DAY																								
1	14	14	13	13	13	15	16	15	15	14	12	11	11	8	6	5	10	10	10	-0	-2	-1	2	-5
2	-8	-5	6	13	12	13	12	12	12	10	6	7	6	6	5	6	8	12	4	8	9	9	8	7
3	3	-0	-3	1	7	11	12	11	8	8	10	11	6	3	-0	2	9	8	10	6	5	6	-2	7
4	3	-4	-1	-1	-18	-14	-13	-22	-20	-22	-12	-5	-9	-8	-7	-9	-8	-10	-12	-10	-10	-10	-9	-7
5	-8	-8	-4	-2	-0	3	2	1	-3	1	1	2	3	3	2	2	2	-0	-3	-3	-3	-3	-2	-1
6	-1	-0	3	6	5	2	2	1	0	2	3	6	6	7	7	8	7	5	4	2	2	-0	2	5
7	7	8	10	10	11	11	9	8	10	8	9	11	12	12	15	14	13	10	7	6	8	7	9	10
8	12	15	12	12	12	12	13	13	12	11	12	12	11	11	11	9	9	10	11	9	9	11	10	5
9	2	3	6	11	13	15	16	16	16	15	14	13	13	13	12	9	8	5	6	8	10	11	8	7
10	6	6	8	7	7	3	3	3	-1	7	10	12	13	17	16	12	7	12	10	1	-6	-6	-6	-2
11	-7	-15	-23	-20	-22	-32	-42	-46	-51	-54	-50	-41	-39	-37	-36	-37	-33	-27	-24	-15	-13	-6	-2	-9
12	-23	-37	-41	-46	-62	-57	-50	-45	-49	-45	-35	-29	-21	-17	-13	-11	-9	-9	-7	-6	-5	-2	-1	-1
13	-3	-2	-1	-1	-3	-3	-8	-5	-1	1	3	1	3	2	3	2	-2	-6	-10	-6	-7	-5	-5	-5
14	-8	-16	-17	-14	-9	-6	-7	-7	-5	-7	-9	-10	-9	-7	-5	-4	-1	-1	-4	-6	-8	-7	-3	3
15	3	1	-0	-3	-4	-2	-2	-3	-4	-3	-3	-2	-2	-2	-0	3	5	8	11	11	10	8	10	9
16	7	8	7	7	6	8	12	11	11	24	12	-1	-23	-21	-11	-26	-54	-61	-76	-89	-79	-75	-80	-80
17	-71	-63	-54	-50	-49	-54	-54	-57	-61	-63	-60	-59	-59	-65	-70	-72	-76	-79	-78	-77	-75	-87	-96	-104
18	-118	-124	-120	-117	-82	-68	-62	-67	-66	-61	-54	-49	-44	-45	-45	-42	-40	-38	-35	-35	-37	-39	-47	-44
19	-43	-40	-41	-40	-38	-35	-34	-33	-25	-25	-23	-21	-23	-25	-27	-26	-26	-25	-25	-20	-21	-22	-25	-29
20	-30	-30	-31	-32	-35	-35	-33	-29	-27	-25	-22	-18	-12	-11	-11	-11	-11	-9	-10	-10	-14	-16	-15	-16
21	-14	-12	-12	-9	-9	-7	-6	-6	-4	-5	-3	0	2	2	1	1	-0	1	2	2	4	6	3	-1
22	-1	1	-4	-10	-15	-20	-20	-17	-11	-11	-15	-17	-17	-23	-24	-23	-23	-23	-29	-39	-51	-54	-60	-57
23	-54	-62	-67	-64	-56	-52	-51	-47	-44	-44	-37	-35	-30	-32	-37	-38	-39	-36	-30	-39	-42	-48	-42	-41
24	-37	-32	-31	-40	-43	-47	-37	-35	-35	-31	-28	-29	-26	-18	-18	-20	-18	-17	-17	-15	-15	-14	-12	-12
25	-9	-10	-11	-10	-11	-10	-11	-7	-8	-9	-9	-10	-10	-5	-7	-9	-6	-2	0	3	4	2	-0	1
26	1	-3	-6	-4	-4	-6	-5	-1	-1	-3	-5	-5	-6	-7	-6	-7	-7	-4	0	4	7	9	7	6
27	4	6	6	3	2	4	6	5	6	9	12	14	16	16	17	19	18	19	18	21	20	13	14	15
28	15	11	2	11	1	-0	-8	-12	-5	-2	-1	4	7	4	2	5	2	1	-2	-3	-9	-20	-25	-14
29	-10	-8	-6	-5	-6	-7	-6	-6	-4	-4	-6	1	5	-1	-3	1	4	-3	-3	-10	-17	-18	-22	-19
30	-19	-13	-12	-15	-22	-16	-13	-13	-12	-12	-13	-9	-9	-11	-12	-10	-10	-6	-4	-1	1	1	0	1
31	2	3	3	4	3	2	1	2	1	2	2	3	0	-4	-8	-7	-9	-8	-5	-5	-5	-2	-2	-0

NOVEMBER 1970

NOT REPRODUCIBLE

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	-1	1	3	4	7	6	6	7	5	7	8	6	4	3	3	0	1	3	7	10	10	9	8		
2	9	7	8	11	14	14	11	13	12	12	12	10	6	-4	-5	-3	1	2	5	7	8	10	7	5		
3	3	2	4	2	-5	-6	-5	-1	1	1	3	6	4	2	6	8	4	-3	-6	-6	-8	-11	-11	-9		
4	-9	-9	-11	-9	-9	-9	-8	-5	-1	-3	-4	-2	-6	-4	-1	1	3	4	4	5	3	-2	1	5		
5	5	1	2	1	2	-2	-7	-7	-4	-3	-2	4	4	8	8	9	10	15	12	6	5	5	5	6		
6	1	2	-2	-9	-10	-9	-15	-19	-22	-28	-29	-29	-23	-16	-17	-18	-18	-16	-15	-15	-17	-15	-7	-5		
7	4	15	-19	-33	-49	-65	-69	-76	-87	-102	-94	-62	-69	-78	-72	-77	-74	-65	-62	-59	-61	-50	-44	-48		
8	-52	-50	-50	-51	-48	-46	-42	-39	-36	-35	-37	-34	-31	-31	-35	-34	-34	-30	-27	-27	-24	-20	-17	-16		
9	-14	-17	-15	-18	-21	-26	-28	-28	-26	-26	-26	-23	-21	-21	-21	-17	-19	-21	-25	-24	-27	-24	-17	-10		
10	-7	-15	-16	-16	-19	-23	-21	-19	-17	-18	-23	-28	-33	-33	-25	-26	-27	-29	-31	-30	-30	-30	-23	-17		
11	-23	-32	-32	-34	-33	-32	-32	-31	-31	-32	-22	-27	-28	-26	-29	-23	-21	-20	-18	-18	-24	-33	-27	-22		
12	-20	-21	-16	-18	-14	-15	-19	-19	-16	-21	-20	-18	-20	-18	-19	-19	-18	-15	-13	-15	-16	-16	-13	-10		
13	-8	-8	-12	-18	-15	-16	-23	-20	-15	-14	-14	-13	-17	-15	-16	-16	-16	-16	-19	-23	-24	-21	-18	-18		
14	-23	-29	-21	-15	-15	-15	-13	-14	-13	-7	-10	-11	-12	-12	-11	-11	-4	-7	-6	-6	-7	-6	-5	-3		
15	-2	0	1	1	-1	-1	-0	2	0	-1	-2	2	4	4	4	3	4	5	1	-3	-2	1	2	3		
16	1	2	9	14	15	13	11	10	9	7	8	9	9	11	19	26	24	25	28	24	18	17	14	11		
17	2	-4	1	9	10	14	18	18	20	16	14	12	12	9	10	8	7	8	6	8	11	11	9	8		
18	3	3	8	12	15	11	8	13	17	17	18	15	30	38	23	-8	-7	-1	6	2	1	7	-23	-46		
19	-70	-74	-82	-85	-90	-90	-78	-57	-47	-43	-44	-42	-39	-37	-35	-30	-25	-22	-22	-19	-15	-14	-13	-12		
20	-14	-18	-18	-16	-12	-9	-8	-7	-5	-5	-6	-4	-2	-0	1	3	4	7	9	5	1	1	-2	-4		
21	-5	-5	-9	-18	-16	-14	-12	-17	-15	-24	-35	-54	-75	-67	-76	-90	-80	-67	-61	-59	-53	-45	-44	-42		
22	-44	-44	-29	-32	-38	-41	-40	-40	-38	-40	-38	-36	-40	-43	-44	-46	-44	-42	-39	-43	-45	-46	-46	-49		
23	-52	-53	-48	-47	-46	-46	-49	-46	-45	-38	-44	-42	-32	-28	-35	-38	-42	-40	-34	-33	-35	-30	-38	-38		
24	-36	-35	-36	-32	-34	-17	-9	-6	-7	-11	-10	-8	-6	-5	-5	-9	-15	-14	-15	-16	-13	-10	-14	-10		
25	-6	-7	-6	-5	-6	-6	-5	-5	-6	-2	-0	-3	-8	-7	-4	-5	-6	-7	-2	-2	-3	-2	1	-0		
26	-6	-9	-7	-4	-3	-3	-3	-2	1	2	-0	1	-0	0	1	1	0	-0	4	2	-3	2	5	7		
27	4	1	-1	2	3	1	1	-0	-1	1	0	-1	-4	-6	-6	-1	1	5	5	7	7	1	0	1		
28	-1	-4	-3	-3	-5	-4	-5	-3	1	3	1	1	1	-1	1	1	-1	-1	0	-1	-0	2	5	7		
29	8	5	7	0	6	7	6	5	6	8	7	8	8	8	10	11	9	9	11	12	12	13	15	15		
30	17	15	16	15	12	11	10	9	9	10	10	8	5	6	5	6	5	7	9	10	11	11	11	12		

DECEMBER 1970

7
16

UNIT=GAMMAS

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	G.M.T.
1	14	16	16	14	16	16	17	16	17	17	16	17	17	17	16	16	16	17	16	16	16	16	-16	15	15
2	13	14	19	23	23	22	20	18	19	20	18	18	17	17	22	22	23	28	22	12	17	18	13	11	
3	8	5	11	15	15	16	13	11	11	11	12	13	14	12	15	15	13	12	13	14	12	11	8	4	
4	6	11	11	11	10	12	12	11	11	13	13	15	11	9	13	13	14	20	24	20	14	4	0	-2	
5	-4	-6	-7	-9	-9	-3	-4	-2	-1	1	7	8	10	9	0	-2	-8	-2	1	1	4	6	7	8	
6	5	3	4	4	5	6	4	-4	0	-3	-9	-10	-4	-3	1	-6	-9	-9	-9	-7	-10	-7	-6	-5	
7	10	5	9	6	-0	1	3	1	0	2	0	-4	-5	-5	1	4	3	7	7	10	5	2	8	-2	
8	-7	-19	-26	-39	-50	-41	-34	-25	-23	-20	-16	-16	-17	-15	-14	-20	-20	-16	-16	-16	-13	-9	-12	-14	
9	-15	-18	-17	-17	-19	-14	-10	-11	-8	-8	-3	-1	-1	-0	-1	0	2	3	3	4	3	5	5	3	
10	-1	-1	-1	-2	-1	1	3	3	4	4	1	2	2	0	1	3	2	-1	-1	-0	-1	2	3	4	
11	3	1	-0	-2	-1	1	3	4	6	6	6	7	6	8	11	12	12	11	14	17	17	19	23	23	
12	20	19	17	15	12	11	8	6	7	10	11	9	6	4	2	6	7	8	11	14	15	12	7	5	
13	5	4	3	4	6	7	8	8	10	8	10	12	13	11	12	12	11	11	15	20	19	18	14	7	
14	14	19	39	35	21	-10	-98	-141	-121	-142	-139	-125	-122	-109	-93	-88	-88	-89	-81	-73	-72	-56	-60	-62	
15	-65	-61	-61	-64	-65	-66	-70	-72	-71	-70	-67	-60	-57	-52	-47	-47	-51	-51	-46	-43	-40	-40	-42	-45	
16	-44	-45	-45	-42	-40	-38	-37	-36	-33	-31	-32	-30	-28	-30	-32	-35	-35	-32	-29	-28	-30	-30	-32	-37	
17	-34	-27	-24	-26	-27	-26	-26	-26	-24	-24	-25	-23	-22	-21	-21	-21	-20	-18	-14	-12	-16	-18	-21	-22	
18	-22	-20	-17	-17	-16	-14	-13	-13	-14	-12	-13	-13	-12	-10	-8	-5	-6	-5	-1	1	0	1	10	8	
19	5	2	5	4	5	5	4	4	1	-8	-4	0	-0	1	1	5	8	14	9	16	10	-2	-7	-8	
20	-6	-8	-11	-10	-10	-12	-15	-23	-28	-32	-33	-28	-20	-16	-14	-13	-14	-13	-12	-13	-16	-20	-20	-18	
21	-16	-15	-14	-13	-13	-16	-18	-22	-23	-21	-18	-13	-6	-6	-7	-9	-10	-12	-9	-8	-11	-14	-19	-21	
22	-19	-17	-15	-17	-17	-17	-19	-18	-15	-10	-9	-5	1	3	3	-3	-9	-9	-6	-3	2	-7	-10	-8	
23	-6	-4	2	1	-1	-4	-1	-3	-0	1	1	-1	1	3	-3	-9	-9	-9	-7	-4	-1	2	1	-3	
24	-20	-33	-44	-47	-43	-37	-32	-27	-22	-21	-18	-14	-13	-13	-13	-10	-15	-15	-13	-10	-9	-11	-13	-14	
25	-15	-14	-9	-7	-7	-6	-7	-7	-6	-7	-6	-4	-2	1	-1	-7	-11	-15	-12	-10	-10	-10	-12	-11	
26	-5	-3	-3	-6	-8	-8	-8	-10	-11	-8	-6	-6	-6	-4	-0	-4	-10	-9	-3	1	1	-2	-3	-3	
27	-2	-0	0	-1	4	7	8	4	2	2	-0	1	-1	-3	-8	-12	-8	-7	-6	-2	-5	-13	-11	-8	
28	-14	-22	-25	-22	-11	-8	-13	-13	-11	-10	-12	-12	-7	-9	-9	-12	-19	-27	-28	-32	-38	-43	-45	-43	
29	-35	-29	-25	-24	-24	-24	-26	-28	-23	-20	-18	-17	-17	-17	-17	-16	-15	-9	-8	-1	7	11	-8	-28	
30	-32	-27	-23	-26	-24	-20	-17	-14	-12	-12	-11	-10	-11	-12	-13	-16	-14	-16	-16	-13	-7	-13	-14	-10	
31	-9	-7	-3	-2	-1	-0	-1	-0	1	2	1	4	3	1	-3	-3	-5	-0	-4	0	4	7	4	2	

DAILY MEANS OF EQUATORIAL DST FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	9	11	-27	-32	-3	-8	6	-1	-10	9	5	16
2	-16	-1	-17	-18	-0	0	7	9	-13	7	7	19
3	-15	1	-6	-15	8	-7	-11	16	-10	6	-1	12
4	-6	1	-10	-4	5	-7	-28	15	-3	-10	-3	12
5	5	-1	-2	5	1	-1	-7	15	-2	-1	3	0
6	-1	4	-22	-19	-1	13	-7	23	3	4	-15	-3
7	4	4	-33	-7	13	20	2	18	8	10	-58	2
8	6	11	-90	-7	15	-4	-2	-23	8	11	-35	-21
9	3	13	-143	-9	7	7	-25	-21	4	10	-21	-5
10	7	12	-66	1	8	2	-21	-5	-5	6	-23	1
11	9	6	-47	-5	18	9	-14	-1	7	-28	-27	9
12	5	14	-31	2	5	12	-4	-5	11	-26	-17	10
13	8	20	-23	10	-7	5	2	-3	-17	-2	-16	10
14	3	1	-15	10	0	8	2	1	-21	-7	-12	-68
15	11	2	-15	13	-8	-1	5	4	-18	2	1	-56
16	-24	12	-6	-10	2	3	9	11	-6	-23	14	-35
17	-28	11	1	-31	4	14	13	-102	-4	-68	10	-22
18	-9	1	-9	-15	10	-14	8	-72	-5	-62	7	-9
19	4	8	-5	-32	14	-14	12	-38	-13	-29	-45	3
20	1	12	-5	-16	-1	-35	15	-21	-6	-21	-4	-17
21	5	12	-5	-76	-7	-36	1	-13	-14	-3	-41	-14
22	6	16	3	-70	0	3	-2	-9	-6	-23	-41	-9
23	5	25	1	-39	7	9	1	-12	-3	-44	-41	-2
24	1	21	7	-31	5	23	-7	-6	-2	-26	-16	-21
25	5	14	10	-22	-1	4	-58	-16	4	-6	-4	-8
26	6	-12	8	-19	11	7	-41	-25	13	-2	-1	-5
27	8	-11	13	-15	10	-15	-20	-14	-10	12	1	-2
28	17	-14	-29	-9	-40	-17	-8	-6	-2	-2	-0	-20
29	12		-29	-7	-37	-3	-36	-17	14	-6	9	-17
30	12		-21	-15	-18	3	-21	-3	21	-10	10	-16
31	4		-29		-5		-19	-7		-1		-1
MEAN	2	7	-21	-16	0	-1	-8	-10	-3	-10	-12	-8

ANNUAL MEAN

-7