

MONTHLY DATA ON THE GREEN CORONA BRIGHTNESS IN THE PERIOD 1947-1976

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ABSTRACT. Tables of the time-latitude distribution of the green emission corona (Fe XIV 530.3 nm) brightness are presented. For each month and year in the period of 1947-1976 the averaged coronal intensities were calculated in steps of 5° of solar latitude (the polar segments above $\pm 60^\circ$ of latitude were omitted). Except of that, the data averaged over several latitudinal zones (20N-40N, 0-15N, 0-15S, 20S-40S, 15N-15S and 20N-40N plus 20S-40S) are given in separate tables, which would be even more fitting in studying responses to large-scale coronal activity in the heliosphere.

Several years ago Sýkora (1983) published the paper "Time-latitude distribution of green corona brightness during solar cycles 18, 19 and 20", in which the measurements of intensity of the coronal emission line Fe XIV 530.3 nm were processed and then tabulated. In that paper Bartels' 27-day period was adopted as the basic time interval. Altogether, the homogenized coronal data for Bartels' rotations Nos. 1556-1957 were presented. These data can be used in studying the different large-scale characteristics of the solar corona, such as the long-term distribution of coronal brightness on the sun's surface, periodicity, variability and asymmetry of the corona, etc. On the other hand it is necessary to admit that it was not always easy to correlate coronal data and other manifestations of solar activity and to look for responses of coronal activity in interplanetary space, including the geosphere, mainly because of the basic time interval 27-day chosen for presenting Sýkora's tables (1983).

There exists a number of solar activity indices, as well as indices characterizing cosmic rays, variations and disturbances in geoactivity, with which the time unit of one month is more useful and appropriate. That is why we have decided to revise Sýkora's tables and to publish them also in their "monthly version", i.e. as the monthly averaged intensities of the green emission corona Fe XIV 530.3 nm measured around the sun in steps of 5° of the position angle. In addition, we also present the tables of coronal data averaged for following zones of heliographic latitudes: 20N-40N, 0-15N, 0-15S, 20S-40S, 15N-15S and 20N-40N plus 20S-40S. We believe that the data in these tables can be useful in studying some zonal effects. It should also be said that a number of authors studying disturbances in the Earth's atmosphere, caused by solar activity, often situate the source of such disturbances into a particular zones on the surface of the sun (see, for example, Constantin, 1989).

We would like to emphasize that the initial data for the tables contained in this paper were the same as in (Sýkora, 1983) where, of course, the whole process of homogenization and reduction of the data was described. Sýkora's paper also refers to some of the scientific results obtained by analysing the original data (Sýkora, 1970; 1981; 1975; 1980; Bumba and Sýkora, 1973; 1974; Letfus and Sýkora, 1982a; 1982b; Letfus et al., 1980). We will gladly send copies of the corresponding papers to those who are interested in the details of processing the raw data and in the results.

It should be noted that we have omitted the polar data (above $\pm 60^{\circ}$) mainly because the brightness of the green emission corona is rather low near the sun's poles, often comparable with the errors of photometry and changing only little with position angle. That is why for some purposes the brightness of the polar corona can be considered constant or, over a longer period of time, its known small changes with the solar cycle can be adopted. The zero values appearing in our tables in January 1947 and in October, November and December 1976 are simply outside the limits of the time interval we have processed. These zero values were not considered in calculating the annual means for the years 1947, 1976.

REFERENCES

- Bumba, V., Sýkora, J.: 1973, Space Research XIII, Akademie-Verlag, Berlin, 803.
 -: 1974, in G. Newkirk, Jr. (ed.), "Coronal Disturbances", IAU Symp. 57, 73.
 Constantin, J.: 1989, Ann. Geophys. 7, 311.
 Letfus, V., Kulčár, L., Sýkora, J.: 1980, in M. Dryer and E. Tandberg-Hanssen (eds.), "Solar and Interplanetary Dynamics", IAU Symp. 91, 49.
 Letfus, V., Sýkora, J.: 1982a: Atlas of the Green Corona Synoptic Charts for Period 1947-1976, Veda, Bratislava.
 -: 1982b, Hvar Obs. Bull. 6, 117.
 Sýkora, J.: 1970, Bull. Astron. Inst. Czecho-Slovakia 22, 12.
 -: 1971, Solar Phys. 18, 72.
 -: 1975, Contr. Astron. Obs. Skalnaté Pleso 5, 7.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	41.1	33.8	37.5	37.1	22.2	19.6	27.8	43.5	32.4	29.3	24.8	31.74
1948	28.4	19.6	20.6	19.4	18.1	17.9	18.3	19.3	16.3	16.7	19.3	25.3	19.97
1949	25.8	21.7	23.9	22.4	19.2	17.4	19.6	16.9	17.5	22.6	19.1	17.6	20.32
1950	20.2	24.4	24.2	25.8	22.7	20.0	25.6	23.5	20.0	16.8	19.3	20.0	21.86
1951	12.9	19.8	18.7	15.4	15.3	17.6	16.4	22.6	23.5	20.9	21.1	19.6	18.64
1952	19.2	20.6	22.9	18.9	16.0	13.1	12.2	12.1	14.8	15.0	15.8	18.2	16.54
1953	15.5	17.2	16.4	12.6	15.6	12.3	11.9	11.7	13.3	11.8	11.5	12.8	13.55
1954	13.3	11.7	11.5	11.0	11.0	10.6	8.6	10.1	9.7	16.2	17.0	16.5	12.27
1955	21.6	30.6	23.8	15.3	21.5	27.7	16.3	13.5	16.6	14.1	14.8	31.4	20.54
1956	21.7	27.6	28.8	32.8	31.4	27.7	25.1	26.1	30.1	30.7	30.2	30.6	28.55
1957	30.0	29.0	28.7	28.8	24.4	26.1	22.4	23.4	26.8	21.6	25.6	24.9	25.95
1958	21.6	26.6	16.8	22.1	25.1	27.1	19.9	22.5	23.9	18.3	18.1	17.9	21.60
1959	16.3	14.2	20.5	19.2	22.3	21.5	22.0	25.8	25.2	23.5	24.1	26.5	21.80
1960	37.7	26.1	27.1	34.9	34.9	42.3	33.5	42.9	45.0	35.0	30.8	40.3	35.89
1961	43.0	34.8	37.2	31.1	28.9	26.4	28.3	32.4	37.3	29.1	24.2	27.5	31.67
1962	29.3	18.5	22.4	22.6	21.0	18.2	29.7	28.2	24.5	19.0	21.7	18.3	22.83
1963	18.4	17.9	16.7	19.6	25.9	21.8	21.2	20.1	22.2	23.8	23.1	24.3	21.26
1964	25.7	21.2	19.8	18.7	20.3	19.4	19.2	16.6	18.4	19.0	17.0	17.3	19.38
1965	14.1	15.9	12.2	12.2	14.5	19.6	17.5	15.9	13.2	7.5	7.1	10.7	13.35
1966	12.9	12.1	16.4	18.9	18.6	21.0	31.2	32.8	30.9	25.5	25.4	27.0	22.80
1967	26.2	26.1	28.5	27.8	22.7	21.0	23.6	26.2	21.9	27.5	20.7	20.2	24.38
1968	26.0	21.3	20.1	19.2	16.9	15.7	19.3	15.1	17.6	15.7	18.6	17.5	18.56
1969	13.1	17.6	17.0	18.7	18.9	21.2	18.5	18.4	18.1	14.3	16.3	11.8	16.98
1970	11.3	8.1	16.8	11.9	21.8	18.7	17.4	17.9	20.3	21.5	11.0	16.8	16.19
1971	16.1	17.5	17.5	14.7	13.5	19.2	14.8	22.5	11.5	11.2	8.9	13.6	15.09
1972	12.1	16.8	17.3	16.5	15.3	20.3	14.3	20.6	19.3	16.2	10.0	12.0	15.88
1973	14.3	18.2	17.3	16.2	11.1	14.6	20.0	15.5	16.4	14.9	15.4	14.8	15.71
1974	20.7	20.8	14.7	14.8	19.2	21.8	21.2	23.7	27.3	22.7	22.0	20.2	20.74
1975	20.7	20.0	20.7	21.5	18.9	21.2	13.1	10.3	9.1	8.7	7.0	8.5	14.94
1976	4.8	3.9	4.3	2.8	2.9	3.0	2.7	3.6	7.0	0.0	0.0	0.0	3.89

GREEN CORONA +55 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	51.0	36.3	45.2	42.0	26.0	24.5	34.8	47.2	48.5	37.0	29.0	38.32
1948	31.2	23.3	22.0	22.8	18.4	19.0	19.6	19.3	16.8	17.5	20.2	26.4	21.39
1949	28.6	25.6	25.5	24.6	21.4	19.8	21.4	18.4	18.7	24.9	22.9	19.3	22.56
1950	22.5	31.0	29.9	35.3	33.8	26.3	28.5	29.7	23.8	19.4	21.4	22.5	26.98
1951	16.6	23.9	24.8	18.0	17.2	20.6	16.3	20.4	23.3	25.2	21.6	20.4	20.65
1952	21.4	25.0	26.9	22.8	20.1	14.7	12.9	12.3	17.1	17.5	17.6	21.3	19.12
1953	17.5	18.7	17.8	14.0	17.8	13.7	14.5	13.2	17.5	15.1	14.8	14.5	15.74
1954	14.7	15.3	12.9	11.9	13.2	11.3	9.7	10.7	9.9	16.8	17.4	18.6	13.53
1955	21.9	33.6	28.4	18.4	23.9	32.5	19.9	16.3	18.7	17.5	17.4	25.8	22.78
1956	22.2	27.7	28.3	34.6	35.2	32.8	28.5	34.6	36.9	39.1	36.8	38.6	32.95
1957	37.8	34.0	33.2	32.8	27.5	30.0	24.5	25.8	28.5	25.6	31.0	28.5	29.89
1958	30.2	31.5	21.1	31.6	30.5	32.7	27.4	30.9	28.7	22.5	26.6	23.9	28.09
1959	19.9	19.1	24.1	21.5	24.0	23.7	24.7	24.9	28.3	24.3	25.2	27.5	23.96
1960	33.7	30.6	32.3	34.7	35.7	39.2	37.7	39.8	49.6	38.6	33.0	45.0	37.51
1961	40.9	41.0	32.9	31.2	32.3	31.2	27.9	32.1	34.8	32.0	26.7	27.0	32.45
1962	28.5	19.2	24.1	20.4	21.2	16.4	25.1	27.0	25.5	18.2	20.9	17.0	21.99
1963	19.9	21.5	19.5	24.6	24.3	23.1	21.2	23.6	24.8	22.7	21.9	25.5	22.73
1964	27.0	22.7	21.3	20.3	20.3	21.4	20.1	17.6	20.0	20.8	19.6	19.9	20.91
1965	14.5	16.3	11.2	13.2	15.7	22.3	17.7	17.7	13.6	8.7	7.6	11.9	14.18
1966	13.0	14.1	16.9	17.9	20.9	22.7	33.9	41.8	36.7	27.4	30.3	32.2	25.74
1967	29.0	33.1	33.1	29.8	31.3	23.4	29.6	30.4	29.5	32.9	24.7	28.1	29.59
1968	25.7	22.9	23.2	21.0	19.1	18.3	20.6	18.6	21.7	17.5	24.1	17.4	20.84
1969	19.1	18.0	20.1	19.5	21.0	23.9	22.3	24.1	22.5	17.1	17.0	15.7	20.03
1970	12.5	10.4	18.9	13.6	24.2	17.6	20.5	19.6	23.8	27.2	13.8	22.0	18.75
1971	18.3	27.1	19.8	21.8	15.2	19.9	16.5	20.5	11.6	12.6	8.7	13.4	17.05
1972	14.8	14.1	23.8	15.3	16.6	21.3	17.6	21.6	23.6	17.8	14.1	14.9	17.99
1973	16.1	22.0	18.1	16.7	14.6	15.7	18.6	19.2	19.2	18.3	18.7	18.2	17.92
1974	28.2	20.1	20.0	13.4	21.6	21.6	22.7	23.7	25.1	26.3	21.3	19.9	22.04
1975	19.3	22.0	21.3	23.6	19.5	22.9	15.7	13.7	11.2	10.6	7.5	7.9	16.21
1976	5.0	2.7	3.8	3.9	2.6	3.8	3.8	4.6	6.9	0.0	0.0	0.0	4.12

GREEN CORONA +50 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	54.4	40.5	43.6	42.6	27.7	27.5	43.4	74.0	55.1	36.8	29.2	43.16
1948	35.8	23.6	27.5	26.6	19.7	22.0	22.6	21.1	18.1	19.8	24.8	29.3	24.20
1949	32.5	31.0	27.2	28.3	23.9	23.4	25.3	21.1	20.2	27.5	28.4	24.5	26.08
1950	28.7	38.4	35.2	42.6	44.8	35.4	33.0	34.5	26.5	20.3	22.4	26.8	32.33
1951	22.2	24.6	23.4	22.6	20.2	22.5	18.9	19.9	24.9	28.1	24.1	21.4	22.70
1952	21.8	26.4	28.4	27.0	20.7	15.1	13.9	12.5	17.2	18.2	18.4	22.7	20.17
1953	19.8	19.1	18.6	15.4	18.1	13.8	15.5	14.0	17.3	16.3	17.0	17.3	16.84
1954	15.8	16.9	13.2	14.0	13.7	12.1	10.9	11.9	11.1	17.7	19.8	19.8	14.74
1955	26.3	41.5	32.8	20.8	28.0	37.4	21.4	17.7	19.9	20.0	22.3	32.8	26.65
1956	26.0	34.4	35.7	43.8	44.2	37.7	32.5	45.3	49.6	49.8	44.4	43.6	40.60
1957	45.9	38.8	35.8	38.8	31.7	36.1	29.3	29.8	36.0	31.9	38.3	40.1	36.01
1958	39.9	33.6	27.5	45.7	38.0	39.6	34.2	40.4	39.6	30.4	38.4	29.2	36.35
1959	27.8	23.8	31.4	29.9	26.7	24.7	27.7	24.0	30.7	28.6	36.0	32.5	28.68
1960	46.0	41.5	32.9	35.2	38.9	39.0	39.1	40.5	47.6	41.5	35.9	43.9	40.15
1961	42.4	40.8	33.3	33.0	31.0	30.2	27.7	29.3	29.6	28.1	24.8	25.6	31.25
1962	23.5	18.2	21.7	25.3	19.5	16.6	23.9	26.2	24.7	18.7	22.0	19.4	21.68
1963	21.5	22.6	22.8	23.3	23.7	21.8	22.2	22.8	27.6	21.5	23.6	25.4	23.24
1964	27.5	24.6	21.5	23.2	20.6	21.7	21.7	15.4	18.7	25.3	22.1	23.6	22.16
1965	16.3	19.5	15.5	11.9	16.3	24.2	19.3	20.5	13.9	10.1	8.9	13.2	15.78
1966	14.8	17.6	18.5	19.1	23.1	25.4	51.5	52.6	45.3	37.3	32.5	35.9	31.25
1967	33.2	37.7	40.2	34.3	40.8	28.4	35.9	33.0	40.0	42.9	33.2	30.2	35.82
1968	31.5	29.3	29.5	23.5	23.2	22.7	24.0	25.6	26.7	24.1	29.5	21.2	25.88
1969	26.1	26.1	26.7	23.5	22.9	28.5	27.4	27.4	23.1	20.6	18.0	15.6	23.81
1970	14.0	14.5	23.2	19.0	29.5	23.3	23.6	22.9	26.2	28.4	23.1	26.6	22.92
1971	25.7	31.4	25.9	30.1	23.3	22.6	20.3	28.0	17.4	16.3	9.8	17.5	22.30
1972	18.5	16.2	24.8	15.8	17.0	23.8	21.8	24.3	22.8	20.7	18.0	13.8	19.81
1973	15.8	20.3	19.6	20.1	20.2	18.7	22.7	20.3	20.3	19.9	21.7	19.8	20.01
1974	24.5	23.1	21.0	14.8	20.9	24.8	20.0	27.0	27.7	27.1	27.5	26.3	23.72
1975	22.5	20.9	20.5	20.5	21.6	23.5	11.4	11.7	11.0	10.1	9.3	9.2	15.98
1976	6.4	3.6	4.7	2.9	3.2	2.7	3.0	5.2	5.1	0.0	0.0	0.0	4.09

GREEN CORONA +45 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	62.4	43.9	59.3	45.0	31.1	32.9	56.4	85.2	70.1	44.6	33.1	51.27
1948	43.6	27.7	30.1	32.1	23.3	29.5	27.1	23.5	20.4	23.5	31.0	31.9	28.65
1949	35.7	39.4	30.4	34.8	32.4	26.5	27.8	22.3	22.6	31.1	41.0	31.0	31.19
1950	32.3	45.8	44.1	52.0	55.8	47.5	41.5	39.8	29.3	22.0	27.5	32.1	39.08
1951	24.5	29.5	26.1	24.7	19.8	24.6	21.9	22.9	26.5	30.5	30.3	25.4	25.52
1952	25.4	28.3	31.1	28.2	20.6	15.1	14.6	12.9	15.0	19.8	18.7	24.0	21.13
1953	19.8	18.6	17.2	16.0	17.3	13.9	14.9	14.4	18.8	16.9	16.9	16.5	16.75
1954	15.8	17.9	13.7	14.8	14.4	12.7	12.1	12.5	12.2	19.5	23.5	25.6	16.21
1955	31.6	47.5	39.2	23.2	32.1	40.1	23.7	22.6	23.9	23.6	27.0	40.0	31.10
1956	36.0	43.0	51.4	59.0	54.8	49.3	43.7	52.5	57.7	58.8	53.4	46.5	50.51
1957	53.6	49.1	40.8	45.4	41.0	41.1	34.5	36.2	41.4	42.5	49.0	50.1	43.68
1958	44.5	40.8	33.8	47.9	44.4	51.3	41.0	47.8	47.8	42.5	47.3	35.4	43.66
1959	34.6	32.2	45.5	41.1	37.4	32.4	36.9	30.7	33.3	39.5	42.8	40.5	37.28
1960	56.1	51.3	38.3	38.9	40.7	40.7	47.4	46.2	52.7	45.2	39.2	56.6	46.11
1961	42.0	44.9	37.4	32.4	31.1	30.9	28.3	33.7	34.3	28.3	26.6	27.3	33.02
1962	23.9	19.0	21.2	24.3	20.1	19.6	27.0	26.5	24.4	23.0	24.5	22.8	23.05
1963	22.8	24.1	22.7	23.7	24.3	23.1	23.0	22.4	27.3	23.5	24.2	25.7	23.90
1964	26.2	27.0	23.4	28.5	19.1	20.7	23.0	17.0	21.6	27.0	22.9	28.5	23.74
1965	20.1	20.4	14.6	14.4	20.7	28.0	23.4	25.2	17.5	14.3	10.9	12.9	18.54
1966	17.7	22.5	22.7	26.8	32.4	32.6	63.7	64.4	52.2	43.5	43.2	43.8	38.93
1967	39.8	48.5	50.1	44.0	47.3	36.2	43.4	43.9	47.6	47.7	41.5	36.0	43.81
1968	37.5	34.3	37.5	28.5	28.6	29.1	31.8	30.2	35.5	29.6	32.7	34.5	32.48
1969	30.1	34.9	34.0	31.5	28.6	33.1	30.0	36.7	32.2	27.1	25.6	22.3	30.48
1970	19.9	20.6	30.5	28.0	38.7	34.0	30.4	28.2	32.6	36.1	28.8	29.1	29.78
1971	29.5	38.0	30.4	32.6	27.0	24.0	22.0	28.4	19.7	13.9	11.7	15.3	24.27
1972	18.3	18.6	26.6	21.1	19.9	27.8	24.3	29.4	27.7	24.1	17.0	17.3	22.68
1973	17.3	18.5	20.0	19.3	25.5	19.7	22.0	22.0	21.4	22.9	23.0	20.5	21.27
1974	29.4	21.9	24.6	20.0	20.6	28.3	24.7	24.0	23.2	30.9	26.9	25.5	25.05
1975	24.5	21.8	22.8	22.4	20.9	20.3	12.3	15.3	10.5	12.1	9.8	9.9	16.85
1976	7.8	5.0	4.4	4.3	3.4	5.6	3.2	5.7	5.8	0.0	0.0	0.0	5.02

GREEN CORONA +40 DEG.													
YEAR	1	2	3	4	5	6	7	8	9	10	11	12	ANNUAL MEAN
1947	0.0	80.0	58.0	45.5	54.4	40.5	48.4	66.9	91.3	68.6	46.8	33.5	57.63
1948	50.1	29.9	32.3	37.4	28.8	37.0	33.5	25.7	24.3	27.9	37.2	36.6	33.40
1949	43.2	47.1	39.7	42.9	57.7	33.7	36.1	28.0	29.9	40.4	54.5	47.8	40.01
1950	45.1	54.6	58.6	61.9	67.6	51.1	48.5	43.8	31.7	26.9	31.2	36.8	46.44
1951	30.7	30.2	27.5	28.6	26.8	29.1	25.0	27.5	31.8	38.3	36.2	28.2	29.99
1952	28.1	30.7	33.4	29.0	19.9	17.3	14.9	13.9	16.4	20.3	19.3	23.0	22.16
1953	21.3	19.4	20.0	17.3	17.7	13.3	15.0	14.1	19.0	16.3	16.6	16.1	17.16
1954	15.4	18.0	14.1	14.5	15.0	12.5	13.0	12.7	13.3	26.2	27.8	27.7	17.51
1955	35.7	55.7	41.6	26.4	39.8	40.9	51.0	27.5	28.5	51.6	33.9	55.0	37.20
1956	46.6	54.5	64.2	73.2	67.5	59.6	58.2	66.7	68.6	71.8	65.4	54.5	62.58
1957	61.7	58.3	47.6	53.2	51.9	49.6	46.8	52.1	55.9	57.6	64.3	51.8	54.18
1958	58.5	44.4	42.8	54.9	55.1	58.5	53.8	56.7	57.4	54.0	58.9	41.2	53.05
1959	41.4	40.9	57.1	59.7	51.6	43.5	43.2	41.1	44.3	52.3	53.5	45.9	47.88
1960	62.7	63.2	41.2	47.3	47.1	48.7	56.5	57.3	66.2	51.7	45.7	56.1	53.61
1961	47.1	51.6	45.6	37.8	35.6	32.7	35.0	38.1	36.9	32.4	28.9	28.1	37.41
1962	27.0	19.9	23.2	22.8	21.8	18.9	28.0	27.1	29.8	25.5	27.4	27.4	24.93
1963	24.3	23.0	25.9	26.0	26.1	25.6	23.3	21.1	27.0	24.2	25.8	29.1	25.14
1964	27.3	25.6	24.3	21.4	20.1	19.8	24.5	18.4	21.7	26.5	23.8	33.5	23.93
1965	22.3	23.7	17.6	15.6	26.8	31.3	29.1	30.8	23.4	17.2	14.0	14.7	22.21
1966	22.6	28.6	26.9	36.5	42.9	43.8	67.0	78.5	64.1	47.4	48.0	55.2	46.92
1967	49.5	62.6	62.2	60.4	65.7	47.4	58.5	57.7	52.4	57.5	47.9	44.5	55.50
1968	43.4	51.3	43.8	39.6	38.9	40.7	42.8	39.8	41.7	37.7	44.0	50.8	42.84
1969	48.2	45.9	42.9	39.2	35.6	40.3	33.5	41.6	35.2	27.5	33.0	28.6	37.57
1970	26.9	26.1	40.0	35.5	52.4	46.1	35.7	34.7	44.8	53.6	29.6	38.2	38.75
1971	35.9	45.0	33.4	38.0	32.0	32.3	33.5	30.7	25.6	17.6	11.7	19.2	29.48
1972	19.7	24.8	33.7	25.4	23.6	32.7	32.3	37.6	35.8	27.4	21.8	21.5	28.04
1973	23.7	23.1	21.5	27.3	28.9	23.4	28.4	25.3	26.9	26.3	26.3	23.8	25.42
1974	33.9	26.6	21.5	21.7	18.3	27.7	30.4	26.2	20.4	30.0	32.4	30.6	26.67
1975	23.9	20.1	22.7	24.3	24.2	20.2	11.3	13.0	11.2	17.5	12.4	10.4	17.60
1976	7.0	4.3	3.8	3.4	4.7	6.6	4.0	7.7	7.5	0.0	0.0	0.0	5.44

GREEN CORONA +35 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	100.5	64.5	41.8	54.8	62.9	67.7	76.8	88.4	67.3	57.6	19.3	65.95
1948	57.9	38.3	39.7	41.3	34.6	48.9	37.8	32.1	31.8	40.3	55.7	41.4	41.63
1949	51.4	54.0	50.9	52.2	48.7	45.6	49.1	36.1	41.1	58.8	76.6	72.1	53.04
1950	67.5	65.7	70.5	74.1	78.3	61.4	49.7	53.1	36.6	32.2	41.1	42.5	56.03
1951	46.1	35.0	35.0	33.5	33.5	36.3	27.5	34.6	38.2	46.5	42.5	34.6	36.95
1952	27.4	28.9	32.1	27.5	21.5	18.5	16.1	16.5	20.0	23.4	22.9	23.2	23.16
1953	23.3	22.2	24.2	18.9	16.9	13.1	14.4	14.3	19.2	17.7	15.9	16.4	18.01
1954	15.7	17.1	13.6	13.6	15.3	12.3	11.8	13.4	15.5	31.9	30.0	29.0	18.29
1955	42.1	58.6	40.1	27.8	50.6	53.0	39.0	32.0	36.1	50.4	47.1	76.9	46.10
1956	71.3	62.9	80.2	100.9	79.5	67.0	73.6	74.9	84.1	82.0	75.6	74.2	77.21
1957	75.1	61.3	58.8	63.8	62.9	62.5	58.3	70.7	81.9	67.3	75.5	74.1	66.04
1958	70.9	57.4	61.2	59.7	63.2	73.2	68.7	65.5	68.9	61.6	68.8	48.7	64.00
1959	52.6	54.1	76.8	79.1	64.2	54.8	55.9	54.6	58.9	60.4	62.7	54.3	60.72
1960	72.8	78.9	56.8	64.4	54.9	61.8	69.8	65.4	80.7	60.3	62.7	68.5	66.34
1961	54.2	69.9	52.1	43.1	39.1	37.1	39.6	45.8	41.9	38.4	34.3	32.3	43.82
1962	29.0	19.3	21.2	24.5	25.0	23.8	34.9	32.7	32.1	30.6	34.1	30.0	28.17
1963	27.2	25.8	25.6	28.0	30.1	27.1	26.4	26.5	26.6	24.7	27.5	33.9	27.47
1964	31.9	25.6	22.6	21.2	21.3	22.8	28.7	22.1	22.3	26.5	24.3	37.2	25.58
1965	26.6	28.2	17.9	19.5	30.5	37.3	36.2	32.6	30.1	23.6	19.2	20.8	26.87
1966	28.2	39.2	36.5	49.5	56.1	56.0	78.5	95.4	65.3	58.7	57.9	70.3	57.79
1967	67.0	84.9	88.1	85.2	92.6	64.1	75.1	73.4	66.3	66.5	61.0	56.2	73.33
1968	60.1	56.6	66.9	56.4	55.7	57.6	60.8	53.2	51.1	51.5	62.1	67.7	58.33
1969	63.9	58.6	58.9	52.1	41.6	45.9	42.1	44.3	39.1	33.6	44.4	43.5	47.26
1970	43.8	35.9	58.8	51.3	62.7	51.7	48.6	49.7	64.5	70.8	58.1	58.1	54.63
1971	48.6	62.4	43.2	53.4	37.1	34.6	39.0	36.0	34.3	25.5	16.3	26.0	37.86
1972	22.6	32.7	41.7	32.2	29.4	41.2	39.2	46.8	46.5	34.0	24.9	26.5	34.80
1973	30.7	27.4	25.4	30.7	39.8	30.2	32.2	29.4	27.8	30.9	30.6	26.4	30.15
1974	35.4	30.0	24.2	21.3	21.1	30.3	33.5	21.8	26.2	28.4	36.5	26.2	27.88
1975	29.4	23.8	23.6	23.5	21.0	21.7	12.8	12.9	12.6	15.8	13.6	11.7	18.50
1976	9.0	4.9	3.7	3.1	3.8	7.8	2.6	8.2	9.4	0.0	0.0	0.0	5.83

YEAR	GREEN CORONA +30 DEG												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	118.0	61.7	29.9	49.3	79.6	86.4	96.8	76.0	59.2	56.8	58.7	70.22
1948	68.9	45.0	40.9	50.2	45.0	53.5	46.1	40.3	40.2	49.4	67.6	58.2	50.44
1949	62.5	67.3	57.2	61.1	63.9	66.9	60.8	53.2	62.9	82.9	102.4	91.4	69.36
1950	107.5	82.6	85.7	86.4	86.8	74.0	58.5	64.3	47.9	42.0	46.8	57.2	69.93
1951	57.1	44.8	45.0	45.6	43.8	45.0	34.3	43.4	46.4	54.8	51.3	42.6	46.18
1952	31.5	29.7	34.0	29.6	25.9	21.3	21.5	21.6	26.7	30.0	27.3	26.8	27.16
1953	28.4	26.3	26.8	22.7	17.9	15.0	16.3	14.3	22.7	20.0	16.6	16.9	20.28
1954	15.0	16.7	14.2	14.3	14.9	12.3	11.7	15.1	15.8	23.5	32.4	30.4	18.02
1955	36.8	58.3	36.6	30.9	53.0	61.7	46.2	31.5	41.0	71.6	60.9	101.6	52.50
1956	83.1	74.9	88.9	106.0	73.6	72.9	82.7	85.0	103.6	90.6	85.8	86.2	86.11
1957	91.2	75.6	65.6	72.5	76.3	73.8	70.1	80.1	75.2	81.9	89.6	91.4	78.65
1958	86.9	78.1	77.3	78.3	77.7	87.4	75.2	74.6	77.8	72.9	72.5	61.0	76.60
1959	71.2	70.6	84.9	90.8	77.9	66.8	67.9	66.7	67.3	67.1	72.6	72.4	73.03
1960	93.1	99.2	70.4	76.8	68.2	79.3	79.0	82.7	97.5	77.6	72.7	78.4	81.13
1961	67.5	75.1	56.5	42.4	39.5	42.6	42.9	52.7	50.5	44.3	43.3	38.7	49.50
1962	35.9	26.3	25.6	26.6	30.6	30.9	40.1	37.4	37.3	40.1	36.9	33.9	33.53
1963	28.8	26.0	26.5	29.5	33.6	32.0	31.2	31.5	30.3	26.7	33.5	33.8	30.31
1964	31.9	27.4	25.6	22.9	22.6	25.8	26.0	25.2	20.0	26.2	26.0	31.8	25.99
1965	26.9	33.8	21.0	21.0	33.2	45.5	39.9	35.3	34.5	29.1	24.5	30.2	31.21
1966	33.4	44.9	38.8	61.3	70.2	64.7	83.6	106.1	68.6	72.4	74.3	90.3	67.56
1967	93.2	106.4	112.8	117.6	104.1	86.7	98.6	82.1	72.0	79.3	72.8	72.9	91.47
1968	85.1	84.6	81.1	76.5	82.5	73.7	77.7	65.5	68.9	71.5	74.3	79.4	76.72
1969	77.8	71.0	68.0	65.7	51.7	54.4	50.4	46.7	45.5	45.1	57.1	59.5	57.66
1970	67.9	55.4	74.2	68.2	81.9	68.1	76.6	73.2	91.4	101.5	82.1	66.7	75.74
1971	64.8	76.6	52.8	59.3	42.9	41.5	50.1	45.2	46.5	29.8	19.8	33.7	46.74
1972	31.9	42.2	54.6	42.5	36.8	53.3	53.6	58.5	61.1	45.3	33.8	36.0	45.81
1973	45.5	42.3	33.7	37.2	46.2	41.8	36.7	38.3	40.4	40.6	31.9	30.1	38.72
1974	41.3	35.5	23.5	27.2	27.1	26.2	36.0	27.7	32.3	30.5	42.3	36.5	32.15
1975	33.6	28.6	25.7	26.9	21.3	24.2	10.0	12.6	13.8	17.4	12.4	11.8	19.78
1976	10.7	5.3	3.8	3.6	4.2	8.3	5.8	9.3	16.0	0.0	0.0	0.0	7.44

GREEN CORONA +25 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	132.4	53.2	32.1	45.6	99.4	102.5	97.2	67.7	51.0	53.7	83.2	74.36
1948	80.9	53.5	46.9	60.2	55.4	61.8	62.1	53.7	54.1	63.0	76.4	68.8	61.25
1949	76.0	77.3	66.5	85.2	98.2	85.7	78.4	74.1	93.0	102.6	132.0	116.8	90.50
1950	123.6	108.5	115.5	98.2	91.9	91.8	72.7	75.1	64.2	53.9	62.8	71.9	85.73
1951	69.1	55.7	52.2	58.6	55.4	56.4	41.2	51.7	55.7	68.5	59.4	72.1	58.02
1952	36.8	36.0	36.1	34.1	34.3	29.0	25.0	28.1	37.0	39.6	35.9	34.5	33.86
1953	35.8	30.5	29.5	24.3	20.1	17.3	18.3	15.7	26.6	24.5	20.1	17.2	23.30
1954	14.9	16.2	13.9	13.6	14.9	11.6	11.3	15.5	14.8	18.7	26.7	25.2	16.44
1955	30.3	47.8	32.2	29.6	55.7	54.6	45.2	34.9	37.9	72.0	61.1	103.0	50.43
1956	81.2	74.7	96.5	106.3	78.1	79.5	89.4	81.0	108.6	95.7	109.8	94.4	91.25
1957	97.2	77.7	70.4	85.9	85.3	81.7	79.1	82.1	83.9	92.4	89.1	99.3	85.40
1958	111.2	93.8	78.7	84.9	100.9	100.2	88.0	90.7	92.7	86.1	77.1	72.1	89.67
1959	87.9	79.6	94.8	108.2	88.9	74.5	71.2	75.7	77.1	67.4	76.4	85.3	82.26
1960	110.5	111.2	81.4	88.6	93.3	88.7	100.2	87.5	103.9	79.0	73.9	89.3	92.25
1961	79.9	76.2	62.5	47.3	44.9	50.3	54.2	60.5	64.7	58.7	52.0	49.9	58.33
1962	42.9	32.8	34.6	37.6	43.9	40.2	46.6	42.0	44.8	50.4	44.9	41.6	41.94
1963	33.4	28.8	33.9	37.5	42.3	35.3	37.1	35.8	34.7	30.4	39.7	38.6	35.67
1964	33.1	28.8	23.7	25.5	26.4	26.0	23.5	21.4	17.6	23.0	28.4	24.4	25.14
1965	29.0	38.2	22.4	27.5	30.8	37.9	37.2	36.6	30.5	29.5	22.8	28.5	30.86
1966	38.4	48.4	39.2	63.2	73.3	69.8	74.6	95.3	68.2	75.7	89.7	105.7	70.26
1967	97.5	116.6	125.6	113.3	106.9	96.0	100.7	89.6	75.9	92.3	89.9	89.0	99.36
1968	106.0	112.8	103.5	106.1	97.1	89.2	91.5	71.5	87.5	96.2	95.2	95.1	95.89
1969	91.8	83.9	78.3	74.4	60.7	67.6	61.4	65.0	62.8	58.7	73.3	82.8	71.65
1970	74.4	68.6	89.9	84.1	111.3	95.7	107.1	97.0	115.8	133.5	113.9	98.0	99.31
1971	86.1	91.7	67.5	79.5	64.8	52.3	70.7	57.5	60.2	42.5	28.4	43.6	61.89
1972	45.7	52.7	69.1	63.7	48.7	73.0	71.1	76.5	77.3	60.5	42.3	48.3	60.77
1973	56.5	62.5	51.3	54.5	69.8	50.8	49.7	49.7	52.2	48.2	40.8	36.4	51.46
1974	41.6	39.9	27.9	28.6	29.1	35.8	38.1	29.4	34.0	41.9	50.0	44.6	36.73
1975	35.4	32.6	31.0	30.1	22.5	22.3	12.5	16.5	18.2	17.9	15.2	12.0	22.10
1976	9.7	5.3	5.1	4.5	4.9	5.6	4.6	10.9	15.7	0.0	0.0	0.0	7.37

GREEN CORONA +20 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	116.9	54.6	42.3	60.6	109.3	107.1	99.7	69.0	56.7	55.0	91.7	78.45
1948	87.8	57.8	59.5	64.5	60.0	69.9	72.4	65.5	75.5	72.6	92.7	89.5	72.56
1949	87.1	88.0	78.2	90.6	94.7	90.8	89.8	90.5	114.8	123.5	147.4	125.2	101.73
1950	143.5	129.1	135.5	101.8	107.8	101.8	89.0	90.0	83.0	66.5	73.1	78.8	99.87
1951	75.2	66.4	62.4	82.4	76.6	61.8	47.3	59.3	69.0	80.3	67.5	79.9	69.01
1952	53.4	45.6	41.5	40.3	43.2	37.0	34.4	36.5	48.2	50.5	47.2	45.0	43.56
1953	43.3	33.3	29.5	25.7	24.7	21.0	22.5	19.0	34.6	30.4	22.8	17.2	26.95
1954	15.4	15.8	13.7	13.3	14.1	11.4	10.7	11.4	12.9	14.2	19.6	17.5	14.15
1955	24.2	41.6	28.2	26.4	46.7	42.6	32.7	23.9	29.3	52.9	56.4	91.7	41.40
1956	78.8	60.3	84.5	91.5	73.5	71.7	77.0	69.0	91.4	88.7	94.2	89.6	80.90
1957	99.1	84.2	72.8	83.2	91.4	79.6	71.3	81.8	84.1	98.9	93.3	101.3	86.79
1958	116.2	95.7	83.7	85.7	94.5	101.8	84.1	79.1	90.6	94.3	77.6	86.6	90.81
1959	94.5	87.4	91.5	118.1	96.7	83.1	81.8	91.5	87.4	69.3	76.7	94.7	89.40
1960	114.6	119.4	90.2	93.8	91.7	105.7	100.5	91.2	101.3	75.0	71.7	83.0	94.74
1961	83.8	80.4	60.4	48.8	56.2	58.2	67.3	77.4	79.2	71.6	59.3	60.9	66.91
1962	49.7	38.9	43.5	49.4	58.5	53.6	58.4	46.4	51.9	59.3	51.4	53.0	51.25
1963	39.2	35.8	41.9	46.0	54.7	44.3	46.3	43.5	37.8	34.8	42.6	37.3	42.04
1964	33.2	28.2	25.7	30.2	31.6	24.5	21.8	17.7	15.8	22.1	24.8	20.5	24.68
1965	29.3	29.9	22.3	30.3	26.6	33.5	31.8	31.1	22.0	25.2	15.8	19.4	26.42
1966	33.7	42.6	37.7	55.9	62.9	68.1	65.3	81.1	64.5	75.4	85.6	100.8	64.59
1967	104.6	132.1	126.6	120.1	97.7	83.0	88.0	85.5	87.5	105.2	99.0	102.1	102.44
1968	116.5	120.8	118.1	119.5	102.1	102.1	100.4	78.9	106.8	103.2	102.6	103.1	106.08
1969	95.5	90.8	81.7	82.7	74.0	84.6	76.7	88.6	77.1	74.4	95.5	81.8	83.55
1970	88.1	83.9	92.2	101.4	131.5	125.1	124.9	111.5	134.5	153.3	120.1	112.4	115.11
1971	94.1	102.4	83.3	91.9	88.1	71.8	87.4	79.2	85.3	58.7	43.0	55.7	78.26
1972	58.9	61.9	90.8	66.8	60.8	88.4	90.5	89.5	96.6	75.0	56.6	59.9	74.68
1973	78.8	76.5	62.3	61.5	80.3	63.9	58.0	60.6	62.9	55.5	49.3	36.5	62.07
1974	40.9	41.6	36.8	39.1	38.8	40.0	43.1	33.4	47.9	55.6	63.2	60.1	45.05
1975	37.1	36.2	31.1	25.0	24.3	23.0	17.7	16.3	24.7	25.5	16.4	16.5	24.41
1976	10.5	5.7	5.1	6.4	7.0	5.7	4.4	11.6	16.0	0.0	0.0	0.0	8.04

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	100.9	61.9	63.3	83.4	108.5	95.2	99.4	83.2	72.3	68.0	103.5	85.42
1948	86.5	63.3	64.3	62.2	62.4	78.0	74.7	77.9	86.2	87.1	106.8	110.3	80.03
1949	101.7	92.6	114.2	93.4	95.0	94.9	97.2	102.5	132.1	141.3	148.4	129.2	111.97
1950	142.5	137.6	137.1	103.9	113.7	102.0	102.7	99.6	91.1	72.6	79.7	80.4	105.10
1951	77.5	73.1	72.1	98.7	80.9	65.0	50.1	70.7	63.2	90.6	80.7	84.9	77.27
1952	63.6	54.5	52.3	49.8	52.0	58.7	36.7	45.6	58.0	57.9	56.5	50.5	51.34
1953	49.4	37.7	30.3	28.7	28.0	25.5	24.3	27.4	37.7	35.2	24.6	16.4	30.39
1954	14.7	15.4	14.1	13.5	13.4	11.5	12.2	9.7	10.6	14.5	18.0	14.4	13.48
1955	17.9	30.5	24.7	18.0	27.8	27.9	20.8	13.4	20.9	37.1	38.3	56.8	27.83
1956	54.4	47.3	60.2	69.6	55.7	54.6	59.2	53.6	66.1	68.9	83.3	83.7	63.07
1957	83.6	83.2	75.7	80.7	75.8	75.2	72.8	78.8	88.6	105.3	85.5	90.3	82.96
1958	99.8	76.6	76.6	78.9	81.3	103.7	82.5	71.9	78.2	89.9	79.7	81.3	83.39
1959	86.4	81.7	97.2	114.0	96.9	89.9	86.4	97.6	105.2	73.1	77.6	93.4	91.65
1960	119.5	122.3	88.1	98.4	91.2	114.7	99.5	98.7	99.8	65.3	74.1	82.1	96.00
1961	76.8	77.9	63.1	53.9	63.4	61.6	68.2	84.5	80.9	89.4	62.6	71.5	71.17
1962	56.5	51.4	45.8	55.9	73.5	58.0	64.3	53.7	61.8	62.7	55.7	55.1	57.92
1963	46.2	48.4	50.6	48.6	65.7	55.6	59.6	48.4	44.3	44.3	50.4	40.5	50.24
1964	35.8	36.0	33.0	37.4	31.8	26.1	19.9	17.6	12.6	18.5	20.7	15.9	25.40
1965	15.1	23.8	19.3	17.8	20.6	28.2	25.0	22.4	15.3	19.3	11.7	20.4	19.88
1966	28.5	31.6	29.5	38.4	50.9	56.5	47.5	57.9	49.4	54.9	64.5	103.3	51.23
1967	108.8	117.9	112.1	108.7	85.1	63.0	69.7	75.8	86.9	101.5	92.0	89.4	92.42
1968	106.5	116.3	109.9	112.0	92.8	92.7	95.8	90.2	103.4	99.1	100.0	105.1	101.91
1969	97.2	79.2	79.7	78.4	83.5	97.3	84.1	102.0	94.5	81.4	87.2	83.0	87.34
1970	96.6	83.1	85.5	96.7	146.3	114.3	131.4	122.3	133.9	142.6	121.1	117.7	116.22
1971	102.9	121.2	94.1	104.6	92.0	96.6	120.4	100.2	106.5	63.9	49.9	60.1	92.50
1972	70.9	72.9	87.5	89.5	72.7	108.6	98.7	93.1	102.7	89.5	72.8	61.5	85.00
1973	97.2	94.4	73.1	83.1	88.2	65.8	59.6	68.3	75.3	56.0	55.8	43.9	71.56
1974	43.5	39.7	42.8	31.8	40.5	49.7	63.5	42.2	54.6	63.1	72.4	70.8	51.29
1975	34.2	32.8	32.5	27.3	26.7	24.1	19.5	26.2	28.8	25.7	22.2	16.1	26.29
1976	14.6	5.8	7.1	7.6	11.0	10.1	5.4	10.3	14.9	0.0	0.0	0.0	9.64

GREEN CORONA +10 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	83.7	70.5	82.2	104.9	93.0	78.4	98.5	107.5	99.2	94.7	113.6	93.29
1948	80.2	56.9	66.2	57.1	64.2	81.3	73.8	63.8	73.8	88.8	112.4	123.5	78.59
1949	99.6	90.9	97.0	98.1	91.5	92.4	95.5	94.8	122.8	144.0	125.0	107.18	107.18
1950	134.3	128.5	130.6	105.1	107.9	94.6	90.2	88.1	80.1	69.4	67.4	73.0	97.30
1951	75.0	72.8	72.8	84.7	79.3	62.2	56.2	75.5	96.9	102.5	84.5	83.1	78.81
1952	59.2	55.1	55.8	57.4	53.4	39.3	40.5	49.1	61.9	54.0	57.3	51.5	52.84
1953	50.7	39.1	29.8	33.0	30.9	22.9	22.3	27.6	35.1	30.3	23.7	15.9	30.07
1954	14.5	15.1	13.8	13.4	13.3	11.5	13.7	9.5	9.5	14.5	17.7	12.6	13.25
1955	14.2	21.1	18.0	14.4	17.2	17.7	15.3	9.5	11.9	20.4	21.7	27.7	17.40
1956	27.5	27.5	34.0	39.9	35.5	32.9	37.0	42.6	47.5	48.0	53.1	62.9	40.73
1957	61.8	70.4	66.5	68.1	64.8	64.8	72.0	62.5	81.7	92.3	68.8	80.1	71.18
1958	79.0	74.8	72.9	72.9	75.5	87.6	66.1	69.0	69.7	80.5	69.4	74.7	74.34
1959	80.6	73.0	84.8	101.3	84.7	75.0	76.6	103.1	102.5	75.9	81.7	89.9	85.81
1960	116.5	116.0	87.3	93.7	88.8	102.3	93.4	89.5	105.2	60.8	74.9	73.5	91.67
1961	70.1	74.3	75.1	58.8	64.7	66.0	69.4	84.8	75.8	82.0	60.8	67.2	70.79
1962	59.0	58.4	51.1	56.8	79.2	63.0	63.4	59.4	63.6	61.7	58.7	49.4	60.33
1963	48.8	44.5	44.0	43.1	69.5	73.5	66.1	50.5	50.1	51.2	49.4	39.5	52.55
1964	40.0	39.0	48.3	40.0	30.8	25.3	22.0	19.1	15.3	20.5	16.3	16.8	27.75
1965	12.1	20.8	16.0	19.2	16.3	22.3	19.1	16.6	13.1	12.1	7.8	15.0	15.83
1966	20.5	25.0	24.1	24.1	36.3	37.1	35.1	39.8	33.6	36.8	40.8	98.5	37.80
1967	78.3	76.0	83.1	80.9	59.7	47.2	52.0	60.4	64.2	72.5	72.8	76.4	68.59
1968	82.3	99.1	88.2	86.0	69.0	68.9	85.3	79.2	98.1	89.2	91.3	85.8	85.11
1969	82.3	80.6	67.5	69.0	79.2	98.9	83.6	125.6	89.1	76.4	84.2	76.9	84.46
1970	79.9	73.6	78.5	79.6	134.6	92.5	111.4	110.3	112.0	122.0	109.4	104.7	100.95
1971	100.2	110.3	91.1	97.8	93.8	97.3	112.1	108.0	95.6	74.5	56.7	65.9	91.85
1972	63.8	83.3	91.8	91.9	73.6	113.2	95.3	98.7	113.2	96.8	74.5	61.5	88.05
1973	100.7	102.3	75.5	74.0	85.0	61.1	62.2	67.5	79.8	49.2	47.8	46.7	70.78
1974	47.8	46.9	36.1	39.2	49.7	60.6	71.9	49.7	65.4	77.3	82.4	71.7	58.27
1975	33.0	32.2	32.9	28.1	28.5	25.0	24.5	30.5	36.0	28.2	20.8	23.3	28.56
1976	18.9	6.3	7.8	11.3	14.7	10.5	5.5	10.7	11.7	0.0	0.0	0.0	10.82

GREEN CORONA +5 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	78.1	77.6	76.1	94.4	72.2	70.5	102.2	127.2	110.1	108.3	100.3	92.45
1948	71.4	50.1	56.1	56.4	58.4	68.5	60.2	50.8	59.3	84.2	97.1	101.4	67.88
1949	86.0	88.1	90.1	87.3	79.5	75.8	77.6	80.1	112.5	122.8	132.3	110.9	95.25
1950	127.6	113.8	129.4	95.9	91.4	86.4	78.5	74.6	60.5	60.0	58.5	63.5	86.58
1951	77.8	60.3	55.2	72.9	70.2	57.8	53.2	63.2	91.8	88.9	74.9	72.2	69.45
1952	60.8	49.9	53.8	64.0	61.3	43.0	39.6	48.5	59.0	49.2	46.7	48.0	51.98
1953	50.5	39.7	28.6	34.5	30.9	22.5	21.9	25.1	28.7	24.7	17.5	15.1	28.24
1954	13.8	15.4	14.1	12.9	13.2	11.5	11.7	8.6	8.7	13.3	15.3	10.8	12.42
1955	13.6	15.3	12.7	11.4	13.9	15.5	12.2	7.6	8.9	11.4	15.2	17.3	12.90
1956	18.1	20.1	22.2	23.0	21.9	24.7	27.0	26.5	31.1	33.0	37.0	43.9	27.40
1957	45.6	56.0	49.2	51.0	53.9	56.2	53.4	45.8	62.3	63.2	51.3	59.4	53.91
1958	61.2	54.4	54.6	60.0	67.8	73.9	47.5	60.5	61.1	67.9	66.0	67.7	61.91
1959	71.9	63.6	69.2	71.0	68.5	59.9	69.4	81.9	84.9	71.6	76.8	79.3	72.39
1960	97.6	102.3	86.8	87.8	82.4	95.1	86.8	72.5	88.8	59.8	70.4	66.6	82.92
1961	63.5	71.9	71.4	64.2	60.1	66.7	71.4	81.2	74.5	72.6	52.0	65.3	67.90
1962	49.7	58.0	49.3	50.5	60.2	55.2	59.5	56.7	66.1	60.3	57.0	46.9	55.75
1963	38.2	45.0	33.5	33.0	43.5	62.8	53.7	43.9	53.0	44.4	42.8	34.8	44.00
1964	39.0	36.2	41.5	37.1	24.5	24.7	21.3	17.0	12.2	18.4	14.1	15.4	25.08
1965	8.9	15.1	12.0	18.8	15.9	19.8	15.7	14.2	12.3	6.9	6.4	10.0	12.96
1966	14.8	18.4	19.0	20.0	22.4	25.3	22.6	29.1	28.0	27.9	34.0	41.6	25.30
1967	47.4	41.1	48.8	47.1	39.6	30.9	38.0	42.1	40.0	49.0	52.0	55.0	44.29
1968	63.9	80.6	64.5	58.3	46.0	49.0	59.0	60.9	75.2	80.4	74.5	79.2	65.90
1969	62.4	62.2	58.1	62.6	64.0	80.6	68.6	82.5	77.2	77.1	75.6	61.5	69.38
1970	64.6	62.7	69.5	77.2	101.3	83.6	96.4	88.7	90.0	99.3	90.6	88.9	84.56
1971	81.7	98.3	78.5	83.4	83.5	77.2	107.4	109.6	73.6	67.3	51.9	57.9	80.81
1972	59.0	79.6	98.7	92.3	85.5	122.2	109.2	105.3	114.1	94.3	85.8	69.8	92.93
1973	87.9	106.9	69.7	67.5	74.6	66.5	68.5	66.4	64.3	39.5	44.6	43.2	66.37
1974	47.2	46.4	36.2	50.7	55.1	58.9	81.6	62.1	70.3	94.1	88.9	79.7	64.39
1975	38.6	31.2	33.2	28.9	31.3	31.2	31.5	40.7	45.1	27.4	24.0	26.5	32.49
1976	14.5	8.9	9.0	12.2	19.8	13.1	6.8	10.8	9.4	0.0	0.0	0.0	11.61

GREEN CORONA 0 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	64.6	94.5	83.5	93.6	65.5	59.6	94.0	137.1	131.0	134.2	89.3	95.17
1948	67.7	50.0	43.4	54.0	57.1	56.2	53.2	48.9	55.1	85.0	83.4	82.6	61.43
1949	73.1	81.8	81.5	81.4	72.5	64.5	70.0	71.8	98.5	115.4	120.3	94.5	85.41
1950	109.9	105.8	105.6	89.8	76.6	71.0	61.9	67.7	55.7	61.1	56.4	60.9	76.72
1951	67.7	49.5	43.0	52.9	66.8	57.3	49.0	55.2	74.3	74.8	59.8	51.0	58.08
1952	56.7	41.4	39.7	63.9	55.9	39.9	42.6	42.4	57.2	44.8	39.7	40.3	48.73
1953	42.4	37.3	26.7	35.1	30.2	17.0	17.2	20.0	24.9	19.5	17.5	15.2	25.16
1954	13.6	15.2	13.6	15.1	13.5	11.7	11.0	8.7	7.7	9.9	14.1	11.1	12.07
1955	12.3	13.5	11.9	10.0	11.7	15.7	11.2	7.5	8.0	8.7	12.5	13.1	11.31
1956	11.6	14.5	17.7	18.0	19.0	20.3	23.3	21.4	25.9	27.5	32.1	39.8	22.60
1957	35.5	43.4	41.0	41.9	46.9	50.1	46.3	42.6	47.9	49.5	52.7	55.3	46.08
1958	51.5	45.5	46.5	51.4	60.5	64.4	41.0	54.6	56.5	65.8	69.3	64.6	56.02
1959	70.4	58.5	61.3	65.7	59.1	54.9	58.9	65.5	68.5	64.7	70.0	65.2	63.59
1960	76.2	84.6	73.7	76.3	76.3	82.2	76.2	66.5	89.4	59.5	66.6	60.7	73.58
1961	62.2	72.2	60.7	63.5	56.2	66.0	67.0	81.4	64.4	57.2	50.1	57.4	63.13
1962	40.8	44.7	43.9	47.7	46.7	45.5	53.6	47.5	55.5	50.9	47.3	40.6	47.07
1963	30.4	35.4	26.0	32.4	36.4	40.9	35.2	31.8	45.0	39.0	37.0	32.5	35.12
1964	33.5	27.3	35.3	31.8	22.4	22.8	17.6	13.4	13.0	18.6	14.5	15.8	22.18
1965	9.5	11.8	8.9	13.5	15.1	18.4	13.8	11.6	10.6	6.7	5.1	7.3	11.02
1966	11.4	17.1	13.9	13.9	14.9	17.0	15.9	19.1	23.7	22.8	32.9	41.0	20.30
1967	34.3	29.5	35.9	34.8	31.5	24.8	31.6	29.6	30.8	35.5	38.2	44.5	33.46
1968	48.4	65.4	51.7	46.4	35.1	34.0	36.8	48.8	65.2	66.3	64.8	68.4	52.53
1969	49.7	44.3	49.6	61.6	52.3	67.5	58.5	72.3	69.7	68.5	63.6	53.3	59.29
1970	62.1	65.6	72.9	73.9	87.0	87.2	81.7	77.5	76.3	86.8	87.4	77.8	78.10
1971	76.5	82.7	76.2	74.7	69.2	75.3	99.4	91.0	74.0	62.6	53.9	56.2	74.29
1972	69.7	79.2	97.8	93.0	96.1	112.7	109.1	111.6	113.4	96.7	96.5	86.1	96.85
1973	74.0	96.8	65.6	72.8	72.8	60.0	67.8	63.0	58.1	44.6	44.0	37.4	62.85
1974	48.8	47.5	38.2	41.7	66.0	69.0	110.0	68.9	83.1	104.4	90.0	82.4	71.03
1975	36.9	31.4	31.7	31.1	30.4	31.9	28.9	40.5	40.8	29.2	28.4	24.5	32.14
1976	16.9	8.3	8.8	14.5	14.4	12.0	6.5	12.6	10.3	0.0	0.0	0.0	11.59

GREEN CORONA -5 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	84.8	90.3	74.8	94.6	67.1	69.0	89.8	140.0	115.7	125.9	93.6	95.05
1948	73.9	55.4	62.4	69.1	61.5	56.9	59.7	57.1	68.3	82.0	101.0	96.5	70.37
1949	95.8	96.6	81.9	84.2	68.8	61.0	77.5	80.6	101.9	126.5	121.8	98.5	91.21
1950	105.4	100.5	96.1	82.8	64.5	57.7	54.5	71.2	60.1	68.1	63.2	64.3	73.90
1951	77.4	58.8	43.2	67.1	64.2	54.7	54.0	57.6	68.6	71.8	61.7	52.5	60.96
1952	48.7	39.6	67.9	68.2	53.5	44.1	48.0	45.5	61.5	42.9	36.8	42.1	49.93
1953	40.0	37.9	23.9	31.8	26.4	14.6	16.1	18.6	23.8	18.7	20.8	16.0	23.93
1954	13.5	15.8	14.8	18.1	13.5	11.6	9.9	8.7	7.4	8.9	13.9	11.6	12.28
1955	11.6	13.8	11.8	10.2	11.6	15.9	11.1	7.9	8.5	8.9	11.7	12.0	11.23
1956	11.5	14.2	16.4	17.4	21.4	24.8	25.5	22.3	31.8	30.4	41.3	51.6	25.75
1957	36.6	49.6	44.1	46.8	53.3	52.4	49.3	49.2	55.4	62.5	66.6	69.7	52.96
1958	60.8	53.9	58.5	59.5	60.4	67.0	44.3	60.8	62.1	83.3	88.0	71.6	64.21
1959	78.2	58.3	59.7	59.0	63.6	57.9	55.8	61.5	66.0	66.6	67.5	62.5	63.10
1960	68.3	76.8	76.2	83.5	87.6	91.0	74.2	70.6	93.0	65.9	63.0	58.8	75.66
1961	65.5	65.1	61.5	64.5	52.2	60.5	63.5	73.5	64.1	50.0	42.2	52.5	59.56
1962	37.7	36.9	33.3	46.9	43.7	42.8	54.1	40.0	48.8	41.6	44.7	36.9	42.29
1963	27.9	22.4	21.1	30.0	36.0	31.9	25.5	27.8	39.6	35.6	35.3	33.3	30.56
1964	27.5	29.6	31.7	28.3	18.6	18.8	15.8	10.8	11.6	16.8	14.7	16.5	20.02
1965	10.3	10.6	8.3	7.5	12.4	16.7	13.7	9.9	9.0	6.4	4.9	6.2	9.65
1966	9.4	11.9	11.5	11.0	12.4	14.9	13.8	13.9	20.6	20.0	23.1	29.0	15.98
1967	33.3	31.4	32.5	33.7	38.1	25.7	33.1	30.5	28.2	35.7	36.2	40.1	33.24
1968	54.8	62.6	52.7	46.9	35.2	39.8	38.3	59.0	70.5	76.2	74.6	66.5	56.37
1969	44.8	37.3	52.9	55.8	51.7	70.8	59.9	81.0	80.2	76.5	68.4	51.8	61.03
1970	68.5	83.7	81.5	79.6	97.9	109.3	90.7	83.6	82.4	90.1	87.6	91.0	87.16
1971	83.5	89.8	74.7	76.8	79.2	69.3	98.8	93.4	81.0	69.6	61.9	76.2	79.52
1972	83.6	81.0	118.6	96.5	98.2	121.4	111.3	108.4	119.4	108.0	106.2	92.4	103.79
1973	81.7	84.4	61.4	74.1	82.2	70.4	75.8	72.0	67.1	51.9	53.0	41.9	67.88
1974	52.2	58.6	47.2	40.0	66.4	85.4	120.9	81.6	84.7	99.1	86.7	64.9	74.09
1975	32.6	27.5	31.3	29.3	29.0	30.2	32.7	38.8	32.9	26.5	29.2	28.0	30.70
1976	15.9	9.6	10.5	14.9	14.3	9.1	6.8	13.8	10.2	0.0	0.0	0.0	11.68

GREEN CORONA YEAR	-10 DEG.												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	117.0	88.9	64.5	81.2	95.0	77.7	91.3	120.8	115.1	130.4	92.3	97.65
1948	87.0	73.6	83.9	77.6	71.0	68.6	69.8	67.5	80.2	99.0	113.4	119.5	84.31
1949	115.7	107.6	88.0	84.8	69.9	62.3	79.2	86.7	112.7	131.4	123.4	97.2	96.50
1950	113.2	103.8	96.5	85.3	75.4	58.2	64.9	75.1	62.3	62.3	64.2	73.3	77.82
1951	82.8	67.8	50.6	72.5	71.1	53.6	59.5	63.6	64.0	64.5	56.5	47.1	62.77
1952	50.1	37.2	59.1	66.0	54.0	42.7	47.1	50.5	54.5	42.1	39.9	46.5	49.18
1953	38.3	36.1	25.2	28.5	25.9	14.0	16.7	17.9	30.0	18.4	20.6	16.9	23.95
1954	13.4	16.9	16.6	17.3	13.9	11.6	8.8	9.1	8.5	8.5	14.2	11.9	12.53
1955	13.1	17.8	12.6	9.9	12.3	17.6	12.3	8.8	10.8	11.0	13.7	15.8	12.94
1956	15.5	18.6	19.5	24.8	30.5	33.9	35.2	31.6	44.6	38.4	61.5	75.5	35.83
1957	54.6	62.8	63.5	63.9	69.2	70.5	70.9	62.5	65.6	83.3	86.4	81.9	69.61
1958	76.9	66.6	61.3	65.2	71.5	75.6	54.6	68.5	71.8	91.4	98.7	81.6	73.66
1959	83.4	64.1	66.0	67.6	68.3	67.3	58.0	61.1	69.6	73.4	66.9	63.8	67.47
1960	66.5	78.0	85.2	91.2	88.3	99.1	79.4	79.4	105.3	73.0	66.9	61.8	81.08
1961	74.5	73.4	65.1	69.9	51.2	63.3	65.9	71.9	65.9	50.1	39.7	43.8	61.13
1962	32.6	37.5	35.4	41.5	39.0	44.3	52.1	41.8	46.8	43.5	58.8	34.2	42.27
1963	28.5	19.3	18.7	26.0	34.7	30.9	25.9	30.2	41.5	34.6	36.9	31.5	29.94
1964	26.2	23.8	32.3	25.3	19.5	15.9	14.3	10.7	10.1	18.3	17.4	16.6	19.17
1965	11.4	11.9	10.2	7.3	12.7	19.6	13.8	9.8	9.7	9.3	4.0	6.5	10.50
1966	8.8	9.9	9.9	9.6	11.3	16.3	12.3	13.0	23.1	21.7	21.2	26.8	15.35
1967	41.5	38.4	41.1	50.3	49.9	33.8	45.1	37.9	40.1	45.8	45.6	49.3	43.30
1968	82.6	79.0	68.0	60.7	46.3	63.3	48.4	61.9	76.1	94.9	90.7	90.6	71.82
1969	56.1	49.3	72.8	61.7	62.5	90.3	78.8	99.0	97.0	89.6	75.4	67.9	75.17
1970	85.4	98.3	97.6	83.9	101.8	126.6	107.5	88.3	92.5	100.3	99.4	115.3	99.74
1971	88.8	84.6	84.5	84.6	77.4	70.6	112.7	101.8	91.3	84.0	72.3	90.9	87.06
1972	101.2	96.2	107.1	102.3	100.3	129.1	115.5	121.5	122.4	112.4	110.8	93.4	109.36
1973	86.6	90.1	68.7	75.0	83.3	76.7	68.6	63.2	83.6	63.9	61.0	45.3	72.00
1974	65.2	70.5	45.1	49.4	80.5	95.7	121.8	98.2	76.4	98.3	78.2	53.5	77.81
1975	28.2	27.1	26.4	29.0	32.5	36.2	29.3	32.5	28.8	24.6	25.9	24.8	28.77
1976	16.1	8.9	9.0	13.1	18.5	11.2	5.5	12.4	9.5	0.0	0.0	0.0	11.58

GREEN CORONA -15 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	131.4	86.3	56.8	78.7	105.2	89.0	92.1	90.9	93.6	108.1	104.8	94.26
1948	87.6	79.8	85.9	77.4	74.8	74.0	75.2	71.4	80.5	96.4	120.5	126.3	87.51
1949	123.4	99.6	94.6	86.3	71.8	62.4	75.1	78.9	117.2	135.4	112.2	86.3	95.25
1950	103.9	99.0	102.1	82.1	78.5	73.1	76.5	84.2	67.2	55.6	58.9	73.1	79.47
1951	78.0	66.4	50.9	60.7	62.4	50.1	54.2	62.6	56.0	53.4	54.6	41.3	57.49
1952	46.4	35.8	49.9	57.8	44.6	40.0	39.5	43.6	46.7	37.1	32.1	38.5	42.69
1953	36.9	30.9	24.0	23.0	23.0	14.6	18.3	15.6	21.2	15.8	16.9	14.2	21.13
1954	12.8	16.3	15.5	14.7	14.2	11.8	8.8	9.4	8.5	10.8	15.9	13.6	12.66
1955	15.6	19.2	14.8	12.5	13.9	22.8	15.4	11.2	15.9	18.0	18.5	29.1	17.22
1956	25.5	30.8	35.0	41.5	46.8	49.8	50.4	46.0	69.9	59.4	78.6	102.5	53.06
1957	76.4	88.9	87.4	95.4	87.8	97.9	89.5	73.5	78.3	98.0	104.9	97.3	89.56
1958	95.7	77.9	71.1	67.9	64.6	78.7	57.4	72.8	74.4	93.8	96.4	79.0	77.45
1959	83.9	69.3	68.7	69.0	65.1	72.9	61.8	57.2	67.3	72.0	64.4	62.7	67.85
1960	72.8	92.7	85.1	87.2	84.5	94.1	76.8	69.6	94.5	74.2	68.1	63.5	80.13
1961	74.5	62.2	60.7	66.6	47.3	55.7	58.0	67.7	59.6	43.6	41.6	35.3	56.02
1962	30.3	33.8	31.9	33.8	32.5	43.8	45.6	37.8	42.8	46.2	60.8	32.9	39.33
1963	28.3	19.5	19.6	27.5	35.5	35.5	28.7	29.4	32.4	32.5	31.0	27.4	28.98
1964	24.6	22.8	25.1	20.7	17.6	16.0	14.0	9.3	10.7	16.5	15.4	19.0	17.64
1965	10.6	11.1	8.9	7.7	12.3	20.4	15.0	10.0	10.8	10.4	5.6	6.8	10.80
1966	9.3	8.4	9.9	8.3	13.0	20.3	13.9	14.2	24.9	26.3	25.8	34.6	17.45
1967	54.6	51.6	56.2	73.2	74.3	48.4	66.6	59.6	57.1	65.9	65.1	65.9	61.64
1968	106.0	100.7	87.1	89.7	58.7	80.4	64.4	69.2	88.4	115.6	123.9	100.0	90.24
1969	65.1	56.7	77.8	70.2	67.0	89.0	85.9	103.4	108.2	88.3	75.9	74.0	80.26
1970	78.4	102.2	92.5	84.5	98.8	101.8	103.1	89.8	100.9	92.0	86.7	112.9	95.27
1971	90.4	81.0	87.6	89.9	54.5	55.0	103.8	114.6	97.6	75.0	68.2	102.1	85.08
1972	97.3	108.6	110.6	102.7	101.6	121.7	109.6	116.9	116.1	105.1	95.5	100.0	107.12
1973	83.7	80.2	82.6	67.0	74.8	69.7	63.8	54.7	79.3	63.7	54.5	46.5	68.29
1974	73.6	68.1	52.9	48.9	84.2	98.2	108.3	95.2	80.4	96.8	85.8	45.5	78.23
1975	27.9	24.3	25.3	34.0	29.2	31.3	21.5	33.4	22.3	20.4	23.3	18.3	25.93
1976	13.1	8.7	8.4	8.9	9.4	9.6	5.5	9.0	10.4	0.0	0.0	0.0	9.22

GREEN CORONA -20 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	120.5	83.4	41.6	74.5	99.8	97.1	87.6	74.5	74.8	101.3	107.8	87.54
1948	85.4	71.7	80.6	65.4	64.4	67.6	68.0	68.7	79.5	91.3	103.0	121.9	80.69
1949	115.5	94.8	86.0	77.6	67.5	60.0	73.4	77.6	103.2	122.4	100.4	73.1	87.58
1950	83.8	85.6	92.9	85.3	79.5	64.8	67.9	73.7	60.8	46.1	55.3	65.9	71.75
1951	66.3	53.8	42.4	40.3	48.7	44.7	40.7	53.8	47.8	45.3	43.0	41.1	47.30
1952	39.1	32.1	40.7	46.2	35.5	32.0	32.8	34.9	37.4	29.0	26.3	30.0	34.66
1953	26.7	22.7	19.8	18.7	19.1	15.2	16.3	12.5	15.0	13.0	13.5	12.6	17.07
1954	12.2	15.6	15.1	13.4	14.1	11.8	8.9	11.2	9.6	12.3	18.8	15.8	13.22
1955	20.8	21.0	17.4	17.0	16.3	32.7	21.3	19.0	28.5	32.9	30.0	49.6	25.57
1956	44.7	51.3	53.9	65.1	72.2	71.6	67.4	60.5	83.9	84.6	95.7	113.4	72.06
1957	95.5	108.3	104.9	109.4	103.0	115.7	102.5	80.7	80.6	96.9	98.7	96.9	99.33
1958	103.8	78.4	61.2	82.2	61.7	76.2	53.9	69.1	74.9	79.2	78.1	69.9	72.34
1959	72.9	59.0	65.2	70.6	57.6	64.5	60.9	59.6	64.8	60.0	62.3	58.6	63.00
1960	59.6	87.9	73.8	73.7	70.2	75.8	66.1	60.8	82.8	69.3	60.6	52.4	69.28
1961	51.8	49.6	52.0	59.1	43.0	51.1	46.9	57.3	48.3	38.7	34.3	31.6	46.95
1962	23.1	27.8	27.5	27.6	25.2	38.3	40.1	31.3	36.6	40.5	48.5	32.1	33.21
1963	25.6	18.4	21.0	27.8	26.7	34.2	24.5	23.0	22.4	21.4	23.6	21.3	24.17
1964	20.7	16.3	16.9	17.8	15.6	15.2	13.9	8.6	9.4	14.0	13.3	14.3	14.67
1965	9.5	10.8	8.9	6.3	11.6	15.9	14.4	12.6	11.4	12.4	7.0	8.1	10.75
1966	9.6	8.6	10.0	8.8	14.4	24.5	19.7	19.5	27.5	31.9	33.9	43.2	21.02
1967	67.6	75.5	66.5	87.5	95.9	59.9	85.4	79.2	68.0	87.0	79.7	85.7	78.24
1968	95.3	105.1	93.5	90.6	71.3	83.2	72.6	77.1	83.9	113.8	111.6	94.7	90.96
1969	65.7	53.6	66.6	62.3	61.7	81.1	77.2	87.3	91.4	87.7	64.9	69.0	72.52
1970	69.1	74.9	91.3	85.3	81.4	68.3	81.5	81.9	94.3	76.7	72.5	94.0	80.99
1971	76.7	77.0	79.1	77.6	46.1	33.4	81.3	97.5	86.7	60.5	69.5	83.2	72.39
1972	83.9	92.0	88.1	90.7	81.7	101.0	103.9	98.3	107.6	97.9	84.0	75.6	92.03
1973	84.1	85.3	73.2	69.2	69.8	61.9	64.2	47.5	59.1	53.6	44.5	38.6	62.43
1974	75.2	67.2	56.1	49.5	69.1	93.9	98.1	89.9	84.3	95.7	76.8	49.0	75.45
1975	27.3	24.7	27.5	32.0	29.8	31.3	17.1	20.7	17.1	17.4	16.9	15.5	23.09
1976	11.2	6.2	6.3	7.0	7.1	9.7	5.7	6.7	8.4	0.0	0.0	0.0	7.59

GREEN CORONA -25 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	108.8	83.4	37.3	72.4	93.2	89.2	86.2	74.1	69.3	103.9	110.3	84.37
1948	79.5	60.3	67.5	74.0	59.5	54.7	56.5	58.6	71.6	74.6	89.0	98.0	70.36
1949	90.1	82.6	77.6	64.3	64.5	52.3	73.5	62.9	82.1	109.1	89.7	63.5	76.01
1950	64.4	55.0	77.4	76.6	60.0	55.3	60.2	56.6	48.2	35.9	41.3	43.6	56.23
1951	45.6	41.6	35.3	27.8	39.1	38.9	32.7	42.2	36.1	34.0	35.8	38.8	37.33
1952	33.0	28.3	33.7	35.1	29.6	25.5	29.4	25.2	28.1	21.8	21.2	22.0	27.75
1953	20.4	16.8	15.5	15.0	14.6	13.8	13.9	12.2	13.3	12.0	12.8	12.0	14.52
1954	12.0	15.5	15.7	12.7	13.8	12.2	9.0	11.6	11.3	16.2	21.6	20.9	14.36
1955	26.1	30.1	22.1	20.3	25.0	33.3	28.8	31.7	38.9	47.6	44.2	65.6	34.51
1956	52.1	63.2	62.6	76.5	74.1	87.0	71.0	70.6	92.3	90.0	107.0	105.7	79.31
1957	94.2	116.9	103.3	107.0	106.7	122.6	102.5	83.8	83.8	89.8	100.8	101.7	100.93
1958	102.0	88.2	71.8	63.0	63.1	75.4	43.5	59.1	70.0	72.2	69.2	59.9	69.64
1959	62.9	47.8	51.7	59.6	45.9	54.5	57.6	52.5	55.5	47.7	46.3	50.1	52.69
1960	46.3	83.1	64.6	59.4	53.8	57.6	52.8	46.2	63.2	56.4	49.6	38.3	55.78
1961	38.6	47.0	40.5	42.3	34.0	38.1	31.0	45.2	37.1	32.5	30.1	26.6	36.83
1962	22.8	20.3	20.6	21.7	20.0	27.1	32.3	26.4	29.2	27.6	33.5	26.3	25.65
1963	17.4	17.2	17.2	22.4	21.9	26.3	22.0	19.3	17.6	16.8	18.3	17.9	19.53
1964	18.1	14.9	15.1	16.9	11.7	14.7	12.5	9.5	9.4	11.7	11.1	12.7	13.19
1965	7.8	10.3	7.8	7.1	11.7	16.1	15.1	16.9	12.5	14.6	7.8	9.8	11.47
1966	11.3	9.5	10.3	8.2	16.9	24.9	23.2	20.1	25.8	33.5	35.4	40.1	21.68
1967	70.2	93.5	69.7	93.5	100.9	62.5	87.3	85.4	83.6	93.5	79.6	82.6	83.48
1968	85.3	95.0	82.2	84.8	69.0	83.9	70.7	68.0	76.8	96.5	82.5	105.0	83.26
1969	65.2	52.5	67.9	57.6	48.7	65.4	59.5	66.5	76.5	70.8	54.1	55.5	61.75
1970	55.7	64.0	80.0	74.8	66.3	53.6	58.4	63.6	78.0	58.1	57.4	71.0	65.09
1971	52.3	70.0	65.1	61.4	44.4	28.5	61.5	73.0	77.4	46.6	50.2	54.8	57.04
1972	64.4	75.0	77.3	70.8	63.1	75.4	81.9	81.5	97.4	81.1	71.6	62.0	75.09
1973	68.9	62.6	57.0	52.0	53.5	48.4	58.7	39.2	42.0	38.0	34.0	29.7	48.59
1974	55.5	53.4	47.0	46.4	60.5	81.3	87.4	74.3	75.0	84.4	75.1	49.4	65.86
1975	25.9	24.0	26.6	29.8	29.0	24.6	15.1	16.4	14.4	15.4	14.1	13.4	20.70
1976	9.0	5.6	6.0	6.3	6.6	11.7	5.9	6.6	7.0	0.0	0.0	0.0	7.19

GREEN CORONA -30 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	100.7	84.0	48.0	71.7	84.6	76.3	80.4	91.8	72.3	122.2	105.3	85.21
1048	75.3	56.7	50.8	49.9	51.8	42.8	44.1	43.3	52.4	64.7	75.6	71.3	56.57
1949	68.2	60.8	59.0	51.5	58.8	50.4	64.0	48.1	66.4	90.6	73.6	49.0	61.72
1950	49.5	43.9	59.9	60.8	45.8	43.0	49.5	42.9	33.7	28.4	28.7	31.0	43.10
1951	39.0	35.4	32.3	24.2	33.5	31.3	26.5	32.1	28.7	26.2	30.1	29.3	30.69
1952	28.0	22.2	30.3	28.5	24.1	19.9	21.3	18.8	17.8	17.7	18.4	20.2	22.28
1953	16.5	14.7	13.0	13.6	13.6	13.2	12.3	11.4	12.0	10.9	12.5	11.7	12.93
1954	12.5	16.0	15.6	12.9	13.5	12.0	9.6	12.2	11.1	19.4	25.4	21.5	15.13
1955	29.0	35.3	26.4	24.0	32.6	37.1	31.0	28.5	33.4	45.5	46.7	71.3	36.76
1956	55.0	62.8	58.7	67.0	72.4	78.5	65.5	65.1	82.8	86.0	92.7	97.1	73.63
1957	81.5	114.6	92.0	91.6	93.6	105.6	90.4	84.3	85.0	86.1	87.0	87.2	91.38
1958	97.5	73.6	58.8	49.6	58.5	59.9	38.5	54.5	58.3	61.5	56.6	48.8	59.61
1959	45.5	41.3	45.9	46.4	39.9	43.1	50.8	46.7	47.7	38.1	33.4	42.7	43.48
1960	37.8	61.2	47.5	44.5	39.7	37.6	36.6	30.4	41.6	40.4	35.8	29.3	39.93
1961	31.9	35.1	31.5	32.9	25.6	29.8	24.8	36.8	30.4	24.0	23.1	21.3	28.88
1962	18.6	17.2	16.4	16.2	16.3	20.7	25.9	22.0	22.5	22.8	22.6	18.9	20.02
1963	16.6	15.9	16.5	18.4	17.5	18.8	18.3	16.5	18.4	14.4	16.3	16.1	16.98
1964	16.7	12.6	13.5	14.3	10.8	15.3	12.1	8.7	9.2	9.4	10.8	12.6	12.16
1965	7.7	11.9	8.2	6.9	10.6	15.9	16.1	17.9	11.4	15.4	7.8	7.5	11.44
1966	9.9	12.5	10.6	7.2	16.3	19.9	20.6	18.8	23.8	27.3	39.0	44.7	20.94
1967	62.9	80.5	62.3	74.9	79.5	51.1	66.2	75.9	75.6	81.0	69.2	77.9	71.38
1968	79.9	87.0	71.0	77.0	67.8	77.1	60.2	56.5	58.1	64.9	61.6	74.7	69.57
1969	55.5	45.6	52.6	49.0	38.5	45.5	35.4	47.4	59.5	49.4	39.7	33.9	45.96
1970	45.5	59.7	61.0	53.8	55.9	45.0	40.2	45.2	56.8	43.0	44.0	51.5	50.05
1971	36.1	48.9	50.9	45.8	38.5	22.1	42.8	53.6	53.3	35.5	30.1	34.8	41.01
1972	43.3	66.3	64.7	59.2	48.6	54.3	55.9	63.5	79.2	62.6	49.0	44.7	57.54
1973	47.8	51.6	42.4	46.1	50.2	35.3	51.5	31.7	36.9	31.0	29.9	24.2	39.81
1974	45.3	42.0	40.3	39.3	46.4	71.0	77.5	68.3	54.6	69.4	70.1	48.3	56.12
1975	28.2	22.7	25.7	27.7	26.3	21.7	11.8	14.8	11.1	12.1	13.8	12.1	18.98
1976	8.0	4.7	3.5	5.6	5.8	8.3	6.4	4.4	8.6	0.0	0.0	0.0	6.14

GREEN CORONA -35 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	83.1	82.9	53.5	64.4	66.4	68.5	71.1	104.2	81.8	123.2	82.1	80.11
1948	64.4	48.0	36.9	39.8	40.0	37.5	33.8	32.5	44.3	57.5	60.3	61.5	46.37
1949	55.1	43.3	46.2	41.9	46.5	41.2	51.4	37.3	51.3	66.6	57.9	37.4	48.04
1950	41.2	34.2	45.9	44.0	36.5	31.6	37.1	34.0	24.8	23.5	23.6	23.6	33.35
1951	27.0	26.6	23.9	20.4	26.2	25.3	20.5	24.3	24.2	21.4	25.0	24.9	24.13
1952	24.7	19.4	26.2	23.6	22.7	17.5	15.7	15.3	16.3	15.3	15.5	16.7	19.10
1953	14.5	13.6	13.1	13.1	14.0	12.6	11.9	11.3	11.1	11.6	12.8	12.2	12.65
1954	11.9	16.3	15.7	12.7	13.0	12.1	10.1	12.5	10.9	20.6	27.2	25.6	15.73
1955	27.5	35.9	27.0	19.8	34.9	34.3	34.0	23.2	23.1	33.0	36.0	62.2	32.59
1956	53.6	52.1	48.5	55.7	55.9	59.6	56.3	59.2	73.0	71.6	76.3	82.8	62.07
1957	74.6	100.2	82.9	73.0	76.6	91.1	83.8	76.1	79.2	82.5	69.6	73.2	80.10
1958	71.6	59.7	42.1	38.3	44.1	51.0	29.3	43.0	48.7	53.7	45.2	42.5	47.35
1959	36.4	38.4	37.5	38.4	33.9	35.5	43.7	35.7	40.5	28.3	27.2	33.4	35.71
1960	29.1	41.1	31.1	30.2	29.8	28.0	25.5	22.2	32.4	27.5	25.0	24.8	28.84
1961	26.4	27.3	26.0	26.3	22.9	22.9	19.5	29.0	25.6	19.4	18.8	17.5	23.43
1962	16.1	15.6	15.5	15.3	13.0	15.3	21.0	18.2	20.3	18.7	18.6	15.0	16.88
1963	13.6	15.1	13.0	17.0	15.5	19.1	18.7	17.5	16.0	11.9	14.3	15.5	15.59
1964	15.9	13.3	12.7	13.8	11.8	14.4	11.9	9.3	8.0	10.8	11.6	11.9	12.11
1965	8.9	10.3	8.2	10.3	11.1	14.9	17.0	14.5	11.9	13.5	6.6	6.2	11.12
1966	11.7	15.5	9.8	7.0	11.9	16.9	16.2	15.3	21.2	21.2	27.9	38.9	17.81
1967	57.9	58.4	49.9	58.4	58.6	42.0	49.3	62.1	57.2	60.6	54.7	67.2	56.38
1968	76.3	68.7	57.6	54.9	57.3	69.3	55.2	48.1	48.9	46.7	46.2	57.6	57.21
1969	50.8	43.0	43.4	44.8	28.2	35.6	29.6	39.1	50.4	41.8	32.0	25.9	38.66
1970	32.4	42.2	45.4	43.0	44.2	41.4	32.2	34.2	36.8	32.7	31.7	46.7	38.54
1971	30.3	38.6	39.5	34.5	24.7	19.3	30.2	39.8	45.2	27.3	20.5	21.5	30.90
1972	28.8	45.8	45.0	40.4	41.2	45.1	41.3	45.9	60.4	51.3	40.4	33.9	43.24
1973	36.6	40.4	38.1	35.8	44.6	31.2	34.9	28.7	37.2	28.7	26.6	20.4	33.55
1974	32.9	35.9	35.1	30.9	41.6	50.5	65.3	53.4	55.1	61.1	57.7	44.4	47.07
1975	27.3	22.3	23.7	23.0	22.6	22.7	9.6	15.2	11.3	11.7	10.4	9.9	17.44
1976	7.8	4.8	5.3	8.2	5.8	5.6	4.2	5.0	8.7	0.0	0.0	0.0	5.96

GREEN CORONA -40 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	64.1	72.1	68.9	55.3	47.8	52.3	59.3	105.8	82.7	97.9	58.3	69.50
1948	60.9	44.7	30.5	31.7	34.4	31.1	23.5	29.6	34.3	50.4	57.0	56.5	40.39
1949	43.4	31.1	32.9	32.8	35.4	31.2	34.6	29.5	42.3	46.1	39.1	32.1	35.90
1950	34.5	32.1	32.6	30.7	27.4	25.8	29.6	29.5	21.6	19.4	19.2	20.8	26.92
1951	22.7	21.6	18.4	18.6	20.9	21.5	17.2	19.0	20.5	18.5	21.5	20.8	20.09
1952	21.7	17.6	24.4	21.3	20.3	16.2	14.2	14.8	14.9	13.8	14.8	17.5	17.63
1953	14.5	14.2	12.7	12.8	13.2	11.4	11.4	11.1	12.3	11.5	12.7	12.0	12.47
1954	12.4	16.2	15.7	13.4	13.1	12.6	10.4	11.3	11.8	17.3	22.6	27.7	15.37
1955	25.1	30.3	25.0	17.7	28.1	28.0	30.0	16.4	17.5	23.8	24.9	48.3	26.28
1956	38.9	41.0	34.1	43.7	43.6	46.2	48.3	47.8	62.1	60.4	70.4	71.6	50.67
1957	69.8	91.7	69.6	65.3	64.8	77.3	66.4	72.0	74.2	76.4	64.3	58.3	70.67
1958	58.5	47.1	31.8	32.2	30.4	42.4	24.0	36.2	37.1	42.0	38.3	38.7	38.17
1959	31.9	33.6	33.9	34.9	28.3	29.3	34.0	28.3	29.3	23.1	24.7	26.2	29.77
1960	22.6	25.4	23.0	23.0	22.2	21.8	19.4	19.3	26.0	22.5	18.6	22.0	22.13
1961	24.1	22.6	22.6	26.6	20.7	23.6	17.3	24.1	22.0	17.4	17.2	15.0	21.07
1962	15.8	14.0	14.2	12.8	12.5	14.7	19.3	17.2	17.6	14.6	14.7	12.6	15.01
1963	12.0	14.2	14.4	15.1	12.9	15.6	16.7	14.5	15.5	10.8	11.9	13.2	13.89
1964	14.4	13.3	12.6	15.7	9.6	14.1	11.8	8.7	9.6	12.6	12.3	12.1	12.21
1965	10.1	10.3	9.1	6.8	9.8	12.1	14.1	12.8	12.4	9.8	6.1	16.0	10.79
1966	10.6	10.4	9.1	7.3	9.5	14.3	13.6	15.7	18.0	15.6	17.4	24.9	13.89
1967	42.9	47.9	39.6	47.5	44.3	34.3	33.9	51.2	45.5	44.9	39.2	52.2	43.60
1968	57.3	47.0	47.1	43.4	43.5	59.8	49.5	45.5	40.2	36.9	39.0	43.7	46.08
1969	41.3	37.2	35.2	35.3	26.3	28.6	23.6	29.3	33.3	31.6	30.9	22.6	31.21
1970	27.7	31.9	39.9	37.6	35.6	39.1	29.4	26.5	26.4	25.3	20.2	35.3	31.25
1971	24.8	27.3	29.1	25.7	25.4	17.7	26.3	39.0	35.2	22.5	15.6	17.1	25.48
1972	18.5	35.0	41.2	29.5	31.9	33.3	26.4	35.5	42.9	41.3	33.2	30.1	33.21
1973	26.3	39.1	33.6	34.3	38.6	24.0	33.0	27.4	33.5	25.0	23.5	22.5	30.17
1974	29.7	30.6	28.1	31.7	33.1	41.3	59.0	45.9	46.8	60.8	63.5	38.3	42.46
1975	29.6	21.5	21.3	23.4	20.8	21.2	14.0	17.4	10.3	11.8	10.9	9.7	17.64
1976	8.0	5.9	5.5	5.9	6.3	5.6	4.6	4.5	7.3	0.0	0.0	0.0	5.96

GREEN CORONA -45 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	54.1	64.1	59.5	44.5	38.9	37.0	44.5	114.3	59.5	88.5	57.2	60.19
1948	52.8	43.6	29.8	28.4	28.1	28.1	19.7	24.2	30.9	46.5	46.4	46.2	35.36
1949	38.7	23.7	27.2	27.6	27.9	22.9	26.9	22.0	33.6	34.0	32.5	28.0	28.79
1950	26.8	28.1	26.3	22.7	22.5	20.2	25.4	22.9	19.0	16.9	16.3	18.4	22.10
1951	20.7	17.8	16.3	16.3	17.3	18.7	15.2	16.5	19.0	17.2	18.6	17.7	17.61
1952	19.5	19.3	24.9	21.7	19.8	15.9	14.2	14.8	14.3	12.9	15.1	16.1	17.38
1953	15.5	12.6	13.1	13.1	12.9	10.8	11.9	11.9	12.4	12.5	13.7	12.7	12.77
1954	12.5	16.5	15.9	14.0	13.2	12.2	10.6	11.1	9.8	15.1	18.1	22.6	14.29
1955	20.5	26.3	23.0	17.4	24.0	21.6	23.0	13.1	14.7	16.9	19.2	36.1	21.52
1956	27.9	31.4	27.8	32.9	36.6	39.4	40.5	37.0	47.0	49.5	58.2	58.3	40.55
1957	55.6	86.1	62.0	61.1	64.6	64.1	58.6	59.6	70.3	65.9	62.0	50.5	63.19
1958	46.0	37.8	29.8	30.4	30.8	36.0	19.6	29.0	32.7	33.8	32.4	36.6	32.87
1959	31.5	28.7	27.7	29.3	25.0	24.4	25.0	19.7	24.2	19.7	17.5	20.2	24.38
1960	18.7	17.1	20.8	20.4	21.2	18.7	18.9	17.4	22.6	19.9	17.3	18.1	19.26
1961	19.7	19.7	21.2	20.2	22.0	23.5	15.5	22.6	20.1	15.0	16.7	14.0	19.17
1962	13.4	12.1	11.5	11.8	10.7	13.3	16.5	14.6	15.8	13.2	13.6	12.2	13.21
1963	12.1	11.9	12.5	14.3	15.0	17.6	16.6	12.6	16.2	10.5	11.3	12.6	13.59
1964	13.7	12.5	12.5	12.2	10.1	11.5	12.1	9.5	9.6	11.9	10.8	11.1	11.46
1965	7.5	10.5	8.8	7.7	8.6	13.6	12.3	12.1	11.4	8.5	5.6	6.3	9.40
1966	9.9	8.7	8.5	8.9	8.3	12.1	12.3	13.0	15.5	13.9	16.3	16.7	12.01
1967	31.9	33.8	28.3	34.0	33.4	25.7	26.4	39.1	32.4	31.8	26.9	38.1	31.81
1968	38.3	38.6	36.9	37.0	33.8	45.2	40.0	35.6	33.2	33.1	28.3	35.9	36.32
1969	30.3	29.3	31.5	31.7	19.6	24.2	21.5	27.0	25.5	22.8	26.6	17.1	25.55
1970	16.7	22.3	31.5	32.1	28.8	27.4	25.8	22.8	22.1	20.6	16.8	25.6	24.38
1971	18.2	21.9	21.0	19.2	19.9	15.1	25.4	29.6	21.9	18.2	11.8	15.8	19.84
1972	17.9	23.2	30.9	23.5	27.2	27.1	20.6	28.1	36.2	31.9	25.6	21.5	26.14
1973	23.3	29.0	25.7	28.3	31.1	23.8	28.3	26.5	30.2	25.8	24.1	20.7	26.39
1974	29.0	32.6	26.8	29.1	31.1	34.9	51.6	43.2	43.2	48.6	50.3	37.8	38.22
1975	27.1	20.5	20.5	21.0	23.2	21.0	15.3	14.0	11.7	11.5	13.8	11.9	17.61
1976	7.4	5.5	5.7	4.3	7.3	7.1	6.1	4.7	5.1	0.0	0.0	0.0	5.91

GREEN CORONA -50 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	40.2	58.4	55.7	39.8	32.9	30.4	34.1	88.7	67.4	71.2	53.5	52.03
1948	50.2	39.1	31.4	26.0	24.6	24.5	19.0	22.0	26.1	38.0	40.3	38.1	31.59
1949	37.8	21.4	23.2	25.7	23.4	19.0	21.9	18.8	28.0	26.8	27.5	22.9	24.30
1950	24.0	23.6	23.5	21.5	19.6	16.7	20.5	19.9	16.8	17.4	15.3	14.4	19.42
1951	16.6	18.0	15.8	15.7	16.0	16.6	14.1	14.9	17.3	16.2	16.9	17.0	16.23
1952	19.1	20.2	24.5	20.7	19.8	16.0	13.2	13.0	13.6	12.5	14.5	15.1	16.84
1953	16.2	13.7	13.5	13.2	13.1	11.4	11.5	12.1	12.1	11.8	12.8	12.8	12.84
1954	11.6	15.4	15.0	13.6	12.9	11.9	10.1	10.1	8.5	11.9	16.6	17.2	12.90
1955	15.7	23.9	20.5	14.9	19.9	19.2	17.7	10.5	12.2	12.8	17.1	26.8	17.57
1956	21.4	23.7	22.5	25.8	28.5	35.0	33.5	29.9	36.9	39.3	47.4	46.9	32.57
1957	45.4	70.6	55.2	47.4	52.3	54.6	47.2	51.5	61.3	37.3	50.8	43.5	52.92
1958	37.9	32.8	30.9	34.6	28.5	32.1	18.4	27.7	28.8	26.5	23.2	27.6	29.04
1959	30.3	25.7	25.8	30.3	23.2	20.8	21.3	16.1	18.9	17.5	15.0	15.7	21.70
1960	14.1	13.1	16.4	18.2	19.1	19.1	18.3	16.2	22.0	17.8	14.9	15.3	17.05
1961	15.7	15.5	20.9	18.4	19.1	20.3	18.1	20.5	19.0	14.8	13.4	14.0	17.50
1962	13.7	11.3	11.8	11.8	11.3	9.9	17.4	15.6	15.1	11.7	10.7	10.0	12.55
1963	11.6	12.6	10.2	14.2	12.8	13.8	15.1	12.7	15.7	10.1	11.1	12.1	12.65
1964	12.6	11.7	12.6	13.1	10.9	13.1	11.3	8.2	8.8	11.5	10.9	11.9	11.38
1965	8.9	11.3	7.6	6.4	8.8	13.0	10.9	10.5	9.7	7.0	5.1	6.5	8.78
1966	9.6	8.4	8.1	7.1	7.9	11.0	11.0	12.1	13.8	12.9	12.7	13.7	10.72
1967	25.1	28.5	23.2	25.8	24.3	20.1	20.8	28.6	22.3	25.0	18.8	25.0	23.95
1968	28.1	30.0	30.5	30.1	29.6	36.4	34.9	28.2	30.5	29.4	28.2	30.0	30.48
1969	24.6	25.1	27.3	22.9	18.5	22.4	18.8	23.0	22.7	16.6	20.5	12.3	21.18
1970	13.2	15.9	23.6	24.0	23.8	24.2	19.8	19.0	17.8	16.4	9.3	19.5	18.90
1971	12.3	18.1	14.0	15.1	15.4	17.3	24.6	27.6	22.6	14.8	7.4	13.4	16.88
1972	14.1	21.1	26.4	19.9	21.5	19.9	16.6	22.4	27.5	26.0	21.9	17.5	21.23
1973	17.5	25.0	18.8	24.6	25.5	25.5	21.4	22.2	26.2	23.9	23.3	22.0	22.96
1974	28.4	30.6	25.3	24.1	27.9	36.1	43.8	45.4	46.4	50.8	44.6	35.6	36.62
1975	25.7	19.4	23.4	21.3	21.3	23.6	13.6	15.3	9.7	9.7	15.6	9.6	17.35
1976	5.0	5.6	4.9	6.5	6.2	3.9	5.5	5.0	4.9	0.0	0.0	0.0	5.28

GREEN CORONA -55 DEG.

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	32.6	45.5	51.7	35.4	28.3	27.5	28.9	56.1	55.4	67.2	43.7	42.94
1948	46.5	32.5	28.5	22.4	23.1	22.7	19.3	21.5	25.6	32.1	32.5	33.9	28.38
1949	28.1	17.6	18.9	24.2	19.5	17.5	17.4	16.4	24.1	24.2	25.2	21.6	21.25
1950	20.3	22.2	22.9	18.9	18.2	15.3	17.5	17.7	14.6	14.5	13.5	11.5	17.24
1951	14.0	16.7	15.3	15.2	14.3	15.8	14.0	15.4	15.8	15.7	16.7	17.0	15.48
1952	17.5	18.4	24.0	18.7	18.8	14.9	13.1	10.1	10.5	11.7	12.9	13.8	15.37
1953	13.3	12.2	13.2	12.2	12.8	9.7	11.5	11.3	10.6	11.7	11.9	11.3	11.81
1954	11.0	14.8	13.1	12.2	12.5	11.3	8.7	9.3	8.5	10.3	15.5	14.1	11.75
1955	14.3	20.5	18.7	12.7	18.5	17.5	16.1	10.5	11.3	11.6	14.0	23.2	15.73
1956	19.5	22.2	21.4	23.4	26.7	30.0	31.2	27.2	30.3	31.6	40.7	38.7	28.58
1957	38.0	56.5	43.3	43.5	37.3	44.4	45.1	44.2	56.2	52.0	43.6	41.7	45.37
1958	35.0	31.5	28.2	31.6	28.8	30.9	18.5	24.7	26.9	24.7	21.8	25.4	27.12
1959	24.0	22.9	23.1	25.3	19.4	17.8	19.0	16.4	17.7	15.6	14.6	13.4	19.07
1960	14.9	11.0	15.3	19.3	19.3	17.2	18.6	14.7	21.2	17.5	12.2	14.2	16.30
1961	17.2	17.3	17.5	17.0	18.8	20.2	16.5	20.7	19.5	13.4	14.4	13.0	17.13
1962	12.7	9.4	9.5	10.3	8.9	10.5	15.0	14.4	13.2	11.2	13.7	10.1	11.58
1963	10.6	12.3	9.5	13.4	10.9	11.7	14.8	12.1	13.5	10.1	9.5	10.6	11.58
1964	11.8	12.3	12.1	12.0	12.5	12.7	11.1	7.8	8.4	9.0	10.8	11.6	11.02
1965	7.6	10.1	6.6	6.5	7.6	11.7	10.3	9.9	9.8	5.5	4.3	6.7	8.03
1966	8.9	8.6	7.9	6.6	8.2	9.7	10.2	12.2	12.8	11.2	9.9	12.5	9.90
1967	22.7	29.0	21.5	23.4	19.7	16.0	18.4	23.3	18.0	20.4	15.7	20.0	20.63
1968	25.0	22.2	23.8	23.9	24.5	26.0	29.6	27.5	27.4	27.1	28.1	29.8	26.25
1969	20.3	22.3	21.1	20.2	17.0	18.6	18.0	20.4	19.0	14.0	16.7	9.2	18.02
1970	10.1	11.3	19.8	19.7	21.9	20.9	15.2	16.5	16.8	15.2	6.9	15.3	15.84
1971	10.2	15.8	13.4	11.7	14.5	13.1	18.2	27.1	22.0	13.1	5.8	11.8	14.73
1972	13.4	17.6	23.3	20.2	15.9	18.9	14.5	19.8	20.7	19.3	17.9	14.7	18.01
1973	16.0	21.4	18.4	24.8	25.6	22.6	22.3	20.7	26.0	19.8	20.9	18.3	21.35
1974	33.1	31.1	20.8	31.8	25.4	34.1	44.8	46.7	42.6	46.4	40.1	35.5	36.07
1975	27.2	19.3	23.6	22.8	20.2	21.9	16.1	20.3	9.0	9.8	10.6	8.1	17.40
1976	5.2	3.7	4.7	4.9	5.7	4.3	3.6	4.3	4.6	0.0	0.0	0.0	4.56

GREEN CORONA -60 DEG.

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	ANNUAL MEAN
1947	0.0	28.8	33.4	45.8	29.3	28.0	18.6	28.3	65.5	53.3	64.3	41.3	39.69
1948	45.5	31.4	27.8	23.0	22.4	23.2	19.6	21.8	28.2	26.5	30.5	29.8	27.46
1949	24.4	17.6	16.8	21.9	18.1	16.4	16.2	14.8	20.6	23.1	22.2	21.3	19.45
1950	20.2	21.4	23.3	18.0	17.6	14.4	17.9	16.9	13.1	13.7	13.1	11.5	16.75
1951	12.4	15.0	23.8	13.6	13.6	14.0	13.8	15.7	15.4	15.1	16.1	16.8	15.45
1952	15.8	16.2	22.5	17.7	18.9	13.8	12.0	8.1	8.3	9.2	10.5	10.6	13.63
1953	10.4	10.2	10.9	11.2	10.9	9.3	10.6	10.3	9.8	13.7	10.0	10.6	10.67
1954	9.8	12.3	11.8	10.7	11.7	11.1	8.3	7.9	6.6	8.9	13.5	12.4	10.40
1955	12.9	17.5	15.7	10.5	16.3	15.2	14.5	9.1	10.0	10.2	13.6	24.6	14.17
1956	19.1	22.1	20.7	24.3	27.0	31.2	29.7	27.2	31.2	29.1	34.1	33.8	27.44
1957	34.4	43.2	36.0	41.8	33.5	39.7	43.3	39.2	48.4	43.5	36.3	38.1	39.75
1958	32.1	33.7	25.7	27.5	27.2	30.0	21.9	25.0	27.2	24.0	24.8	25.1	26.95
1959	22.4	23.7	23.3	25.2	20.0	18.6	18.4	14.2	16.2	15.2	13.8	12.4	18.55
1960	15.8	12.0	14.5	15.7	18.5	17.7	20.5	17.2	20.7	18.4	10.6	13.9	16.32
1961	18.1	18.5	20.3	17.4	20.6	20.6	15.9	20.0	18.3	13.5	14.3	13.8	17.59
1962	12.1	10.8	9.2	8.9	9.0	9.4	13.5	14.0	13.0	11.9	10.9	10.0	11.07
1963	10.6	11.5	10.0	10.6	9.6	10.6	14.2	11.5	12.8	8.9	9.0	11.3	10.87
1964	9.9	9.8	12.2	12.5	10.4	13.8	11.0	7.8	8.2	11.3	8.4	12.5	10.65
1965	8.6	8.9	6.4	5.9	8.3	12.7	10.7	9.6	9.3	5.0	4.3	5.3	7.91
1966	7.7	7.8	7.1	6.2	7.8	9.8	9.8	9.7	11.8	11.4	9.4	10.5	9.07
1967	23.2	28.5	21.7	21.9	17.5	15.4	17.9	21.5	15.7	19.2	15.9	16.5	19.52
1968	21.4	20.7	21.6	20.4	21.6	22.2	25.6	20.9	22.5	25.5	25.6	27.2	22.97
1969	19.8	19.0	19.3	17.4	15.6	17.4	15.1	17.0	17.2	12.8	14.4	8.8	16.13
1970	8.4	7.6	16.4	18.5	16.9	19.3	12.5	13.9	15.6	14.8	5.3	12.1	13.49
1971	9.7	12.3	11.8	9.3	13.3	13.8	15.2	19.9	18.0	16.0	4.7	9.9	12.85
1972	15.0	14.2	14.6	17.5	15.4	18.2	14.0	16.2	18.2	15.5	14.5	13.1	15.53
1973	16.2	13.9	16.6	21.8	27.7	21.8	24.0	18.4	19.9	19.4	18.2	16.6	19.57
1974	27.4	25.0	19.8	27.2	22.9	34.4	43.3	40.8	38.7	45.8	43.2	29.0	33.17
1975	22.8	17.4	22.0	24.1	20.4	19.1	13.1	19.0	10.2	9.7	12.2	7.6	16.47
1976	4.1	4.4	4.3	4.5	5.1	4.5	3.9	3.9	3.9	0.0	0.0	0.0	4.29

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	112.3	58.9	36.9	51.8	79.2	83.6	88.5	78.1	60.0	54.8	60.9	69.55
1948	69.2	45.2	43.3	50.7	44.3	54.4	49.7	42.9	44.0	50.7	66.2	57.9	51.55
1949	63.8	66.5	58.4	66.3	69.2	65.1	62.8	55.7	67.3	81.6	103.0	91.7	70.94
1950	98.2	87.2	92.2	85.1	86.2	75.9	62.4	64.8	51.5	43.7	50.7	57.3	71.21
1951	56.3	45.9	44.3	48.3	46.1	45.8	34.8	43.3	47.7	57.3	51.3	50.8	47.66
1952	34.1	33.2	34.9	31.5	28.3	24.0	21.8	22.8	23.0	32.1	29.8	29.6	29.26
1953	29.9	26.3	26.3	21.8	19.0	15.6	16.9	15.2	23.8	21.4	18.1	16.8	20.91
1954	15.2	16.7	13.9	13.8	14.9	12.0	11.7	14.0	14.8	23.6	28.2	26.8	17.14
1955	34.8	53.3	35.9	28.7	50.6	52.8	40.6	31.0	36.0	59.1	53.6	88.7	47.08
1956	74.6	67.5	85.0	98.9	75.4	71.3	78.3	77.2	94.1	87.1	87.7	81.7	81.58
1957	86.0	71.5	63.8	72.6	74.0	70.6	66.6	75.0	72.7	80.0	83.2	85.3	75.14
1958	89.1	74.8	70.1	73.3	79.1	85.2	75.2	74.7	78.3	73.7	71.7	61.4	75.55
1959	69.9	67.1	82.7	91.7	76.3	64.8	64.4	65.8	67.3	63.9	69.2	70.6	71.16
1960	91.3	95.1	68.6	75.1	71.4	76.7	81.9	77.5	91.5	70.1	67.0	76.4	78.47
1961	66.8	71.8	56.0	44.0	42.3	43.9	47.0	54.2	53.8	48.3	43.4	41.3	50.95
1962	36.5	26.9	28.7	31.2	34.9	32.8	41.2	37.2	38.8	40.9	38.8	36.4	35.43
1963	30.3	27.5	30.0	32.8	36.6	32.3	32.4	31.5	31.0	27.8	33.7	34.9	31.76
1964	31.8	27.2	24.2	23.8	24.0	24.2	25.3	21.7	19.7	25.0	25.7	30.1	25.25
1965	27.1	31.7	20.3	22.7	30.3	38.3	35.9	33.9	29.4	25.8	20.3	24.1	28.31
1966	32.0	42.0	36.7	55.0	63.1	61.6	75.7	94.1	66.6	67.0	72.2	86.1	62.84
1967	83.7	101.3	105.2	101.6	96.3	78.0	86.9	79.2	71.0	79.9	74.3	72.8	85.78
1968	82.8	85.0	83.1	79.6	76.4	73.0	75.4	62.4	70.4	72.4	76.2	79.8	76.35
1969	76.3	70.5	66.9	63.3	52.2	57.6	52.2	55.3	50.9	47.1	59.8	60.3	59.28
1970	60.9	53.7	72.2	68.0	87.0	75.3	78.1	73.2	90.3	102.3	82.2	74.5	76.65
1971	66.1	76.1	55.5	64.3	51.0	45.1	55.1	48.4	49.1	34.0	23.0	35.2	50.09
1972	34.9	42.7	56.9	46.1	39.3	57.0	56.3	61.3	62.8	47.8	35.0	37.9	48.18
1973	46.0	45.5	38.1	41.7	52.6	41.6	39.4	42.6	41.3	40.1	35.3	30.8	41.02
1974	38.9	34.9	26.2	26.9	26.5	31.5	36.1	27.2	31.7	35.9	44.1	38.2	33.15
1975	32.2	28.3	26.8	26.3	22.3	22.4	12.4	14.2	15.6	18.1	13.9	12.2	20.35
1976	9.5	5.1	4.3	4.0	4.7	7.0	4.3	9.5	13.2	0.0	0.0	0.0	6.84

GREEN CORONA 00 TO 15N

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	81.5	75.4	77.2	95.9	84.1	75.4	99.1	114.9	103.6	101.4	103.4	91.99
1948	76.2	54.5	58.7	57.2	60.8	72.3	66.0	59.3	67.9	86.3	101.5	107.1	72.40
1949	91.0	88.7	95.0	90.9	84.9	82.6	85.6	87.3	116.9	131.7	133.9	115.4	100.37
1950	129.4	121.3	127.1	99.3	98.1	89.2	83.7	82.1	71.3	65.4	64.6	69.0	91.60
1951	72.6	64.8	61.8	77.8	74.4	60.4	53.0	67.2	89.1	91.4	76.5	74.4	71.98
1952	60.0	51.0	55.2	59.4	56.2	40.5	39.9	47.2	59.5	51.5	50.7	48.3	51.62
1953	49.0	38.8	29.0	33.1	30.3	18.5	21.6	25.5	31.7	27.4	20.8	15.6	28.69
1954	14.1	15.3	13.9	13.5	13.3	11.5	12.3	9.1	9.1	13.3	16.3	12.0	12.81
1955	14.3	19.5	16.3	13.3	16.9	18.3	14.5	9.2	11.7	18.2	20.8	26.6	16.62
1956	26.2	26.2	31.7	35.6	31.6	31.7	35.1	35.5	41.5	43.1	49.3	56.2	36.99
1957	55.6	63.2	58.0	60.1	60.0	61.2	61.6	56.3	70.8	77.6	63.1	70.8	63.20
1958	71.9	63.4	63.0	66.0	71.4	81.8	58.4	64.3	66.0	75.4	70.0	70.1	68.65
1959	77.0	68.9	77.7	87.4	77.1	69.1	72.9	88.8	91.4	72.1	77.4	82.8	78.61
1960	104.0	107.2	85.0	89.6	85.0	98.6	89.3	81.5	95.5	61.0	71.9	70.5	86.46
1961	67.7	73.7	69.5	60.6	61.5	65.5	69.5	83.0	74.3	76.0	56.4	65.6	68.61
1962	52.4	54.8	48.4	53.0	66.5	56.6	60.6	55.6	62.8	59.6	55.7	48.0	56.19
1963	41.8	43.8	38.6	38.9	54.7	61.5	55.7	44.8	49.3	45.7	45.3	36.9	46.41
1964	37.9	35.6	41.3	37.2	27.5	24.8	20.7	17.2	13.4	19.1	16.0	16.0	25.54
1965	11.1	17.9	14.0	17.9	16.7	21.8	18.1	15.9	12.8	10.7	7.5	12.9	14.75
1966	18.4	22.6	21.6	23.4	30.5	33.1	29.8	35.8	32.7	34.5	41.2	70.8	32.95
1967	65.7	63.6	68.6	66.6	52.5	40.7	46.9	51.7	54.3	63.3	63.3	66.1	58.61
1968	74.5	90.2	77.8	74.5	59.6	60.4	70.2	69.9	85.9	84.1	82.7	83.9	76.08
1969	72.7	68.2	63.4	67.2	70.4	87.3	74.5	98.4	82.8	76.1	78.4	68.8	75.72
1970	74.6	70.2	75.7	80.7	117.5	92.3	104.8	99.6	102.4	112.0	101.4	97.1	94.22
1971	90.5	103.5	84.9	90.3	86.0	86.8	109.8	104.4	86.5	68.3	53.5	60.6	85.35
1972	64.4	79.6	94.4	91.8	84.5	115.3	102.8	102.1	111.8	94.7	81.6	68.4	90.63
1973	91.4	101.6	71.5	73.1	80.0	63.5	64.8	66.5	70.3	46.3	47.4	43.5	68.12
1974	47.0	45.6	37.6	42.2	52.7	59.6	80.1	55.8	68.2	85.1	84.2	76.0	61.27
1975	35.7	31.8	32.7	28.7	29.4	28.1	26.7	34.8	38.6	27.7	23.4	23.4	30.09
1976	16.4	7.4	8.2	11.5	15.7	11.5	6.1	11.0	11.2	0.0	0.0	0.0	11.00

GREEN CORONA 00 TO 15S

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	99.9	89.9	69.8	87.3	82.5	73.7	91.4	124.9	114.4	125.8	94.3	95.81
1948	79.5	64.6	70.3	70.8	66.1	63.5	64.6	61.6	72.1	90.6	105.4	106.8	76.38
1949	103.3	98.3	86.0	84.3	70.3	62.3	76.4	80.9	107.5	127.8	120.5	95.4	92.68
1950	108.5	102.2	98.8	84.7	72.5	62.6	62.9	74.1	61.3	62.9	61.7	68.3	76.60
1951	76.8	61.5	46.9	65.5	66.6	54.0	55.0	60.0	65.9	66.8	58.5	48.6	60.50
1952	50.1	38.5	60.6	65.0	52.6	42.3	45.4	46.3	56.0	42.0	37.5	42.7	48.27
1953	39.3	36.0	24.8	29.8	26.3	14.8	16.8	18.1	25.6	18.2	19.5	15.9	23.67
1954	13.4	16.1	15.3	16.8	13.7	9.5	9.5	8.9	8.0	9.2	14.4	11.9	12.39
1955	12.9	16.0	12.6	10.4	12.2	11.6	12.2	8.7	10.4	11.1	13.6	16.3	12.81
1956	15.2	18.5	20.7	24.0	28.3	31.2	32.5	29.2	41.4	37.4	52.7	66.1	33.14
1957	49.1	59.5	57.3	59.8	63.3	65.6	62.7	56.6	81.4	73.2	77.3	76.0	63.46
1958	70.4	60.7	59.5	61.4	64.8	71.4	49.4	64.3	66.4	84.8	89.8	75.0	68.20
1959	79.6	62.1	63.6	64.6	64.7	63.0	58.0	61.3	67.8	89.4	67.2	63.4	65.43
1960	69.8	81.1	80.3	85.5	85.4	92.8	76.7	72.7	96.1	68.6	65.8	60.9	77.86
1961	69.4	68.6	62.4	66.5	51.7	61.5	64.0	73.3	64.0	50.2	42.6	47.5	60.09
1962	35.3	37.9	35.5	43.0	40.8	43.9	51.9	41.5	48.3	44.5	52.5	35.9	42.59
1963	28.6	23.0	20.9	28.6	35.5	33.7	27.8	29.5	39.9	35.5	35.4	31.6	30.85
1964	27.6	26.1	31.4	26.6	19.4	18.0	15.3	10.9	11.2	17.6	15.7	16.8	19.70
1965	10.6	11.3	9.1	8.5	12.9	18.6	14.0	10.2	9.8	8.1	4.8	6.6	10.35
1966	9.5	11.5	11.1	10.6	12.5	16.6	13.7	14.5	22.7	22.1	24.5	31.2	16.73
1967	39.8	36.8	39.9	46.0	47.0	32.0	42.4	37.7	37.4	44.1	44.5	48.2	41.36
1968	71.5	74.9	63.4	58.5	42.8	53.4	45.8	60.0	74.5	87.3	86.5	80.4	66.52
1969	52.8	45.7	63.1	61.1	57.9	79.8	70.3	89.3	88.7	81.5	71.2	61.1	68.66
1970	74.7	88.6	87.3	80.9	97.5	110.1	96.9	85.2	87.8	93.3	91.3	100.5	91.19
1971	85.3	85.4	80.4	81.2	72.8	68.3	104.4	99.3	86.0	74.1	65.1	82.1	82.09
1972	89.4	90.4	110.0	98.9	99.1	122.6	112.0	114.7	118.8	107.1	104.3	92.9	105.04
1973	82.4	84.3	68.1	73.0	79.8	70.6	70.1	64.7	73.1	56.6	54.4	43.0	68.48
1974	59.5	62.3	45.9	44.9	74.0	88.2	117.3	87.3	80.9	99.3	84.3	60.8	75.51
1975	31.1	27.5	28.7	30.3	30.4	32.7	29.1	36.1	31.1	25.3	27.0	24.7	29.50
1976	15.7	9.0	9.4	13.2	14.9	10.4	6.1	12.3	10.0	0.0	0.0	0.0	11.22

GREEN CORONA 20S TO 40S

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	96.2	82.0	48.5	68.3	79.5	77.2	77.8	90.1	75.5	112.2	95.2	82.05
1948	73.1	55.8	52.7	53.1	50.2	46.1	45.0	45.9	56.3	66.9	76.2	80.0	58.46
1949	73.2	62.4	60.6	53.2	55.3	47.4	60.7	50.5	68.1	87.6	72.7	50.6	61.88
1950	53.6	48.0	61.5	59.8	48.9	43.8	48.9	46.3	37.0	30.1	32.7	35.4	45.50
1951	39.0	35.3	30.5	25.5	33.4	32.1	27.2	33.8	30.8	28.4	30.8	31.0	31.46
1952	29.0	23.7	30.7	30.2	26.1	21.7	22.5	21.0	22.1	19.0	18.9	20.7	23.82
1953	18.0	15.9	14.4	14.4	14.6	13.2	13.0	11.7	12.5	11.7	12.8	12.0	13.67
1954	12.2	15.9	15.6	12.9	13.5	12.1	9.6	11.9	11.0	17.7	23.7	22.4	14.88
1955	26.4	31.7	24.2	20.4	28.7	33.8	29.9	25.3	23.6	38.6	38.6	62.0	32.45
1956	50.6	56.1	53.4	63.4	65.1	71.0	62.7	62.3	80.3	80.0	89.8	94.5	69.09
1957	83.2	107.9	91.4	89.7	90.2	103.9	90.3	80.1	81.3	86.3	84.7	84.9	89.35
1958	88.1	68.8	54.8	49.5	52.9	61.4	37.6	52.3	58.3	62.0	57.3	51.4	57.96
1959	49.3	43.4	46.2	49.3	40.7	45.0	49.9	44.7	47.7	38.9	37.6	42.1	44.57
1960	38.6	60.5	47.9	45.6	42.4	43.0	39.4	34.7	47.9	42.5	37.0	32.4	42.56
1961	33.7	36.4	33.8	36.1	28.6	32.0	26.8	37.9	32.1	26.0	24.4	22.2	30.79
1962	19.2	18.5	18.3	18.3	17.0	22.4	27.2	22.7	24.8	24.2	26.6	20.6	21.66
1963	16.6	16.1	16.1	19.8	18.7	22.3	19.9	18.0	17.7	14.8	16.7	16.7	17.78
1964	17.1	13.9	14.0	15.4	11.7	14.8	12.3	9.0	9.0	11.3	11.6	12.6	12.72
1965	8.5	10.8	8.3	7.7	11.0	15.2	15.6	15.5	11.9	13.6	7.2	8.9	11.20
1966	10.7	11.7	10.1	7.6	14.3	20.3	19.2	17.9	23.4	26.4	31.9	39.4	19.47
1967	61.6	73.5	58.7	73.6	77.3	50.7	65.6	72.1	68.3	75.3	65.7	74.2	68.04
1968	79.4	81.7	70.3	70.9	62.9	75.4	61.8	58.5	61.5	70.9	66.4	76.6	69.64
1969	56.2	46.6	53.7	50.0	39.8	50.3	43.7	52.8	62.2	55.4	43.4	40.3	49.56
1970	45.5	54.8	63.0	58.3	56.2	48.4	46.6	49.3	58.0	46.2	44.9	58.5	52.45
1971	42.4	52.4	52.4	48.3	35.8	23.9	47.1	58.7	59.2	37.7	35.8	40.3	44.47
1972	46.9	62.6	62.9	57.6	52.4	60.5	61.1	64.4	78.1	66.1	54.9	48.4	59.62
1973	52.1	54.2	47.7	46.4	50.6	39.5	48.4	34.3	40.6	34.3	31.4	26.2	42.06
1974	46.5	45.0	41.1	39.3	49.9	67.6	77.2	66.0	62.6	73.3	68.3	46.4	57.00
1975	27.5	23.0	25.1	27.0	25.8	23.8	13.0	16.4	12.6	13.4	13.0	12.0	19.37
1976	8.6	5.3	5.2	6.6	6.2	8.3	5.4	5.4	8.0	0.0	0.0	0.0	6.56

GREEN CORONA 15N TO 15 S

YEAR	MONTH												ANNUAL MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	
1947	0.0	90.7	82.6	73.5	91.6	83.3	74.5	95.3	119.9	109.0	113.6	98.9	93.90
1948	77.9	59.6	64.5	64.0	63.5	67.9	65.3	60.5	70.0	88.5	103.5	107.0	74.39
1949	97.1	93.5	90.5	87.6	77.6	72.4	81.0	84.1	112.2	129.7	127.2	105.4	96.53
1950	118.9	111.8	113.0	92.0	85.3	75.9	73.3	78.1	66.3	64.2	63.2	68.7	84.10
1951	74.7	63.2	54.4	71.6	70.5	57.2	54.0	63.6	77.5	79.1	67.5	61.5	66.24
1952	55.1	44.7	57.9	62.2	54.4	41.4	42.6	46.8	57.7	46.7	44.1	45.5	49.95
1953	44.2	37.4	26.9	31.5	28.3	16.7	19.2	21.8	28.7	22.8	20.1	15.7	26.18
1954	13.7	15.7	14.6	15.1	13.5	11.6	10.9	9.0	8.6	11.3	15.4	12.0	12.60
1955	13.6	17.7	14.5	11.9	14.6	18.0	13.4	8.9	11.1	14.7	17.2	21.5	14.72
1956	20.7	22.3	26.2	29.8	29.9	31.5	33.8	32.4	41.5	40.2	51.0	61.1	35.06
1957	52.3	61.4	57.6	60.0	61.6	63.4	62.2	56.5	66.1	75.4	70.2	73.4	63.33
1958	71.2	62.1	61.3	63.7	68.1	76.6	53.9	64.3	66.2	80.1	79.9	72.6	68.43
1959	78.3	65.5	70.7	76.0	70.9	66.1	65.5	75.1	79.6	70.8	72.3	73.1	72.02
1960	86.9	94.2	82.6	87.5	85.2	95.7	83.0	77.1	95.8	64.8	68.8	65.7	82.16
1961	68.6	71.2	65.9	63.5	56.6	63.5	66.7	78.1	69.2	63.1	49.5	56.6	64.35
1962	43.9	46.3	42.0	48.0	53.6	50.3	56.3	48.5	55.5	52.1	54.1	42.0	49.39
1963	35.2	33.4	29.7	33.8	45.1	47.6	41.8	37.2	44.6	40.5	40.3	34.3	38.63
1964	32.7	30.9	36.4	31.9	23.4	21.4	18.0	14.1	12.3	18.3	15.8	16.4	22.62
1965	10.8	14.6	11.6	13.2	14.8	20.2	16.0	13.0	11.3	9.4	6.1	9.8	12.55
1966	14.0	17.0	16.3	17.0	21.5	24.8	21.7	25.2	27.7	28.3	32.9	51.0	24.84
1967	52.7	50.2	54.3	56.3	49.7	36.3	44.7	44.7	45.9	53.7	53.9	57.2	49.98
1968	73.0	82.5	70.6	66.5	51.2	56.9	58.0	64.9	80.2	85.7	84.6	82.2	71.30
1969	62.7	56.9	63.3	64.2	64.2	83.5	72.4	93.8	85.8	78.8	74.8	65.0	72.19
1970	74.7	79.4	81.5	80.8	107.5	101.2	100.8	92.4	93.1	102.6	96.4	98.8	92.71
1971	87.9	94.5	82.6	85.8	79.4	77.6	107.1	101.9	86.3	71.2	59.3	71.4	83.72
1972	76.9	85.0	102.2	95.3	91.8	119.0	107.4	108.4	115.3	100.9	93.0	80.7	97.84
1973	86.9	93.0	69.8	73.1	79.9	67.1	67.4	65.6	71.7	51.5	50.9	43.3	68.30
1974	53.3	54.0	41.8	43.6	63.3	73.9	98.7	71.5	74.6	92.2	84.2	68.4	68.39
1975	33.4	29.7	30.7	29.5	29.9	30.4	27.9	35.5	34.9	26.5	25.2	24.0	29.79
1976	16.0	8.2	8.8	12.4	15.3	11.0	6.1	11.7	10.6	0.0	0.0	0.0	11.12

GREEN CORONA 20N TO 40N PLUS 20S TO 40S

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	ANNUAL MEAN
1947	0.0	104.2	70.4	42.7	60.0	79.3	80.4	83.1	84.1	67.8	33.5	78.0	71.23
1948	71.1	50.5	48.0	51.9	47.2	50.3	47.3	44.4	50.1	58.8	71.2	68.9	55.00
1949	68.5	64.4	59.5	59.7	62.2	56.3	61.7	53.1	67.7	84.6	87.8	71.1	66.41
1950	75.9	67.6	76.8	72.4	67.5	59.8	55.6	55.5	44.3	36.9	41.7	46.3	58.35
1951	47.6	40.6	37.4	36.9	39.8	38.9	31.0	38.5	39.2	42.8	41.0	40.9	39.56
1952	31.6	28.4	32.8	30.8	27.2	22.8	22.1	21.9	25.6	25.6	24.3	25.1	26.54
1953	23.9	21.1	20.3	18.1	16.8	14.4	14.9	13.4	18.1	16.5	15.5	14.4	17.29
1954	13.7	16.3	14.8	13.3	14.2	12.1	10.6	12.9	12.9	20.6	23.9	24.6	16.01
1955	30.6	42.5	30.0	24.5	39.6	43.3	35.3	28.1	32.8	48.9	46.1	75.3	39.76
1956	62.6	61.8	69.2	81.1	70.3	71.1	70.5	69.7	87.2	83.6	88.7	88.1	75.33
1957	84.6	89.7	77.6	81.1	82.1	87.3	78.4	77.6	77.0	83.1	83.9	85.1	82.24
1958	88.6	71.8	62.4	61.4	66.0	73.3	56.4	63.5	68.3	67.5	64.5	56.4	66.75
1959	59.6	55.3	64.4	70.5	58.5	54.9	57.1	55.2	57.5	51.4	53.4	56.4	57.87
1960	64.9	77.8	58.3	60.4	56.9	59.8	60.6	56.1	69.7	56.3	52.0	54.4	60.51
1961	50.2	54.1	44.9	40.1	35.4	37.9	36.9	46.0	42.9	37.1	33.9	31.7	40.87
1962	27.8	22.7	23.5	24.8	25.9	27.6	34.2	29.9	31.8	32.5	32.7	28.5	28.54
1963	23.4	21.8	23.1	26.3	27.6	27.3	26.1	24.8	24.3	21.3	25.2	25.8	24.77
1964	24.4	20.5	19.1	19.6	17.8	19.5	18.8	15.3	14.3	18.1	18.6	21.3	18.98
1965	17.8	21.2	14.3	15.2	20.6	26.7	25.7	24.7	20.6	19.7	13.8	16.5	19.75
1966	21.3	26.8	23.4	31.3	38.7	40.9	47.4	56.0	45.0	46.7	52.0	62.8	41.15
1967	72.6	87.4	81.9	87.6	86.8	64.3	76.3	75.6	69.6	77.6	70.0	73.5	76.91
1968	81.1	83.3	76.7	75.3	69.6	74.2	68.6	60.4	65.9	71.6	71.3	78.2	72.99
1969	66.2	58.6	60.3	56.6	46.0	53.9	47.9	54.0	56.5	51.3	51.6	50.3	54.42
1970	53.2	54.2	67.6	63.1	71.6	61.8	62.4	61.2	74.1	74.2	63.5	66.5	64.55
1971	54.3	64.3	53.9	56.3	43.4	34.5	51.1	48.5	54.1	35.8	29.4	37.7	47.28
1972	40.9	52.6	59.9	51.9	45.8	58.8	58.7	62.8	70.4	56.9	44.9	43.1	53.90
1973	49.1	49.8	42.9	44.0	51.6	40.6	43.9	38.4	40.9	37.2	33.3	28.5	41.54
1974	42.7	39.9	33.6	33.1	38.2	49.6	56.6	46.6	47.1	54.6	56.2	42.3	45.07
1975	29.8	25.6	25.9	26.6	24.1	23.1	12.7	15.3	14.1	15.8	13.4	12.1	19.86
1976	9.1	5.2	4.7	5.3	5.4	7.6	4.8	7.4	10.6	0.0	0.0	0.0	6.68

Sýkora, J.: 1980, in M. Dryer and E. Tandberg-Hanssen (eds.), "Solar and Interplanetary Dynamics", IAU Symp. 91, 87.
-: 1983, Contr. Astron. Obs. Skalnaté Pleso 11, 25.