

INSTITUTE OF SOLID EARTH PHYSICS
GEOMAGNETISM

UNIVERSITY OF BERGEN

THE MAGNETIC STATION AT DOMBÅS

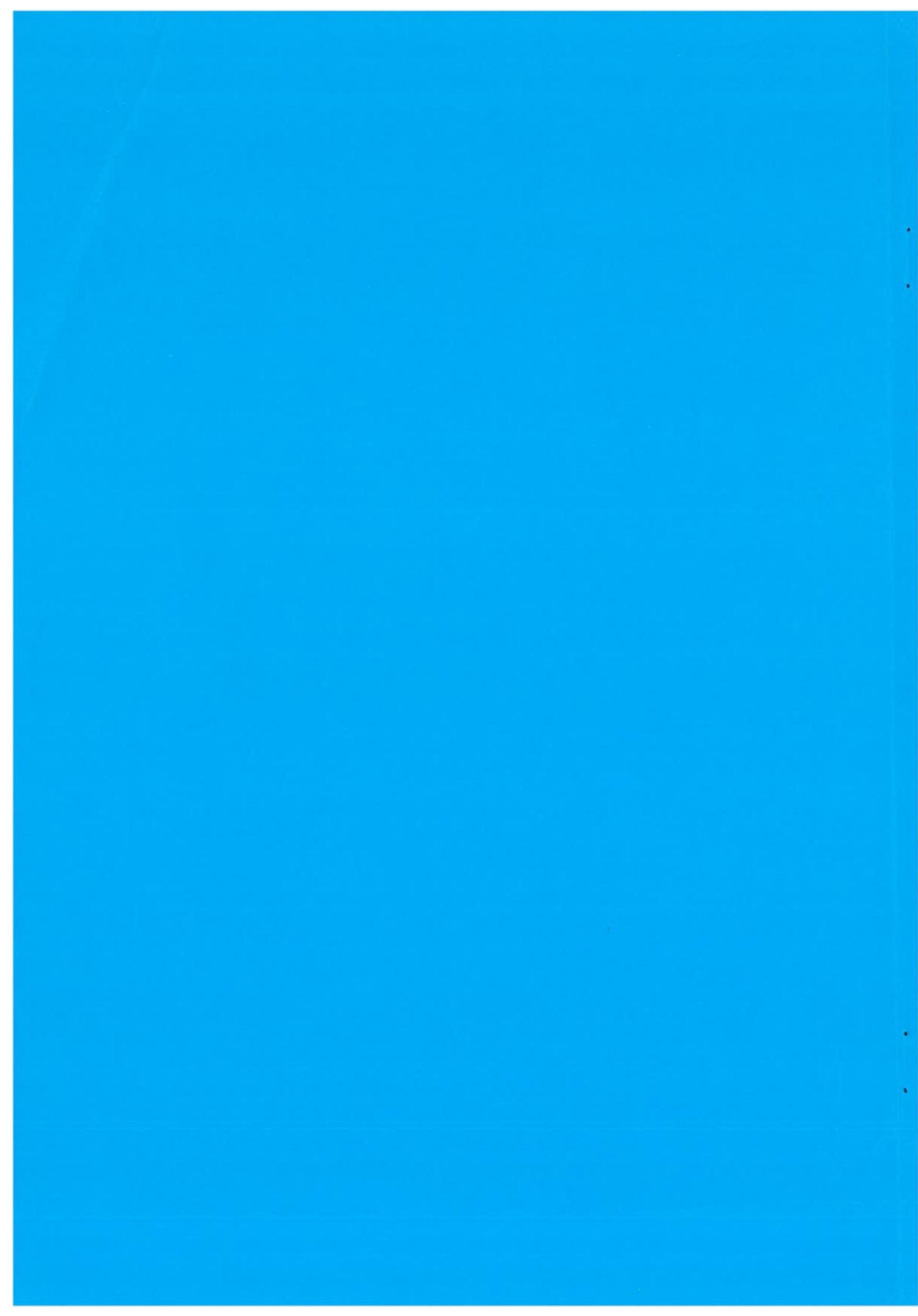
($\phi=62^{\circ}04'.4$ N, $\lambda=9^{\circ}07',0$ E Gr.)

OBSERVATIONS 1989

YEARBOOK No 31

BERGEN 1991

N O R W A Y



INSTITUTE OF SOLID EARTH PHYSICS
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THE MAGNETIC STATION AT DOMBÅS

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NOTITAENSINT TÍMRIÐI

A NOTE TO THE READER

The present yearbook is to some extent different from earlier ones. This is due to some changes in our organization and staff. The former Department of Geomagnetism became from 1 January 1990 a part of the new Institute of Solid Earth Physics.

However, the most significant change comes from the retirement of Helge Dalseide on 1 April 1990. He has been involved with the processing of the data from the Magnetic Station since 1947, and has been coauthor, starting with the yearbook of 1952. The present yearbook is also to a large extent a result of his work. He has also been an active participant and coauthor of many other publications and scientific papers. Helge Dalseide has been a cornerstone for all aspects of our work, where his solid experience and sound judgement will be missed. We wish him many more happy years.

Einar Gjøen

GENERAL INFORMATION

The Magnetic Station at Dombås is operated by the University of Bergen. All correspondence or inquiries can be sent to:

University of Bergen
Institute of Solid Earth Physics
Geomagnetism
Allégt. 70
N-5007 Bergen
Norway

The altitude of the observatory is 660 m above sea level, and its geographical coordinates are: $\phi = 62^{\circ}04'.4N$, $\lambda = 09^{\circ}07'OE$. The dipole coordinates (North geomagnetic pole at $\phi = 78.8^{\circ}N$, $\lambda = 289.2^{\circ}E$) are: $\Phi = 62.0^{\circ}N$, $\Lambda = 101.2^{\circ}E$.

The observatory operates a set of three La Cour variometers (D, H and Z) with paper speed 15 mm/hour.

For absolute observations are used two QHM's, an Askania Declinometer and a Geometrics Protomagnetometer.

Further information about the observatory and its equipment can be found in the IAGA publication "Description des Observatoires Geomagnetique, I" published by l'Institut Royal Meteorologique de Belgique, 1957, and "Observations 1975", (no. 17 in this series).

Martin Berg is in charge of the daily management of the observatory and absolute measurements. Magnetogram scaling is done by Knut Breyholtz.

Table 1 gives the adopted scale values for D, H and Z, note that the scale value for D, 2.4 min. of arc per mm is equivalent to 9.80 nT/mm. Tables 2-4 give adopted baseline values. Table 5 gives monthly and annual means for all days and for the 5 international quiet and disturbed days, while Table 6 gives the annual means (all days) from 1952 up to the present year. The following tables give the mean values of D, H and Z for hourly, daily and monthly intervals. In addition are given the mean daily variation for each month, calculated separately for all days (M), 5 quiet days (MQ) and disturbed days (MD). Scaling of the hourly values is centered at half-hours. In the final table is given the three-hour-range indices K and daily sums of K. Universal time (GMT) is used consistently.

The absolute instruments were not compared in 1989.

TABLE 1
ADOPTED SCALE VALUES 1989

| D '/mm | H nT/mm | Z nT/mm |
|-----------|------------|------------|
| 2.4 | 8.60 | 6.35 |

TABLE 2
ADOPTED BASE-LINE VALUES
DECLINATION 1989

| Interval starting | Interval starting |
|----------------------|----------------------|
| Jan 1 3°44'.5W | Sep 1 3°43'.7W |

TABLE 3
ADOPTED BASE-LINE VALUES
HORIZONTAL INTENSITY 1989

| Interval starting | Interval starting |
|----------------------|----------------------|
| Jan 1 13888nT | Jul 1 13885nT |
| Mar 1 887 | Nov 11 883 |
| Apr 15 13886nT | Dec 1 13882nT |

TABLE 4
ADOPTED BASE-LINE VALUES VERTICAL INTENSITY 1989

| Interval starting | Interval starting | Interval starting |
|----------------------|----------------------|----------------------|
| Jan 1 48331nT | Jul 23 48339nT | Oct 1 48347nT |
| Mar 15 332 | Aug 1 340 | 15 348 |
| Apr 1 333 | 7 341 | Nov 11 344 |
| May 1 334 | 15 342 | Dec 1 345 |
| Jun 15 335 | 23 343 | 7 346 |
| Jul 1 336 | Sep 1 344 | 15 347 |
| 7 337 | 15 345 | 23 48348nT |
| 15 48338nT | 23 48346nT | |

TABLE 5
MONTHLY AND ANNUAL MEANS

| 1989 | All days | | | Quiet days | | | Disturbed days | | |
|---------|-----------|---------|---------|------------|---------|---------|----------------|---------|---------|
| | D | H | Z | D | H | Z | D | H | Z |
| Jan.... | 2°20' .7W | 14112nT | 48493nT | 2°20' .5W | 14119nT | 48490nT | 2°21' .2W | 14108nT | 48486nT |
| Feb.... | 19' .8 | 113 | 492 | 21' .4 | 124 | 488 | 18' .2 | 102 | 492 |
| Mar.... | 18' .1 | 093 | 494 | 19' .4 | 114 | 511 | 13' .3 | 021 | 455 |
| Apr.... | 18' .7 | 104 | 495 | 20' .0 | 121 | 496 | 14' .6 | 067 | 475 |
| May.... | 19' .2 | 124 | 491 | 19' .5 | 126 | 496 | 17' .8 | 108 | 479 |
| Jun.... | 18' .1 | 122 | 492 | 18' .7 | 127 | 500 | 16' .3 | 112 | 483 |
| Jul.... | 18' .6 | 129 | 489 | 18' .1 | 124 | 494 | 18' .8 | 133 | 487 |
| Aug.... | 17' .3 | 105 | 491 | 18' .5 | 122 | 493 | 15' .4 | 069 | 487 |
| Sep.... | 16' .0 | 096 | 501 | 16' .1 | 105 | 503 | 14' .5 | 050 | 494 |
| Oct.... | 15' .1 | 107 | 504 | 16' .9 | 111 | 499 | 10' .1 | 113 | 512 |
| Nov.... | 15' .1 | 101 | 515 | 15' .9 | 108 | 513 | 13' .6 | 080 | 512 |
| Dec.... | 14' .4 | 104 | 512 | 15' .6 | 113 | 510 | 12' .2 | 083 | 510 |
| Mean... | 2°17' .6W | 14109nT | 48497nT | 2°18' .4W | 14118nT | 48499nT | 2°15' .5W | 14087nT | 48490nT |

TABLE 6
ANNUAL MEANS OF THE MAGNETIC
ELEMENTS 1952-89

| Year | D | H | Z |
|-----------|----------|---------|---------|
| 1952 | 5°20'.8W | 13871nT | 47500nT |
| 53 | 12'.9 | 890 | 532 |
| 54 | 06'.8 | 902 | 556 |
| 55 | 01'.9 | 911 | 591 |
| 56 | 4°55'.4 | 908 | 624 |
| 57 | 50'.6 | 916 | 647 |
| 58 | 46'.6 | 929 | 678 |
| 59 | 42'.7 | 938 | 712 |
| 60 | 37'.9 | 945 | 748 |
| 61 | 34'.7 | 972 | 775 |
| 62 | 31'.1 | 995 | 791 |
| 63 | 26'.8 | 14005 | 811 |
| 64 | 23'.4 | 024 | 836 |
| 65 | 22'.6 | 043 | 857 |
| 66 | 21'.2 | 051 | 883 |
| 67 | 20'.1 | 060 | 915 |
| 68 | 19'.5 | 080 | 947 |
| 69 | 19'.1 | 098 | 981 |
| 70 | 17'.6 | 115 | 48019 |
| 71 | 15'.7 | 135 | 054 |
| 72 | 13'.4 | 153 | 094 |
| 73 | 10'.1 | 171 | 132 |
| 74 | 04'.8 | 186 | 171 |
| 75 | 3°58'.8 | 206 | 210 |
| 76 | 52'.0 | 217 | 247 |
| 77 | 45'.3 | 224 | 277 |
| 78 | 36'.0 | 223 | 314 |
| 79 | 28'.2 | 228 | 336 |
| 80 | 21'.0 | 230 | 348 |
| 81 | 13'.1 | 218 | 370 |
| 82 | 05'.0 | 205 | 388 |
| 83 | 2°58'.1 | 201 | 393 |
| 84 | 50'.7 | 187 | 403 |
| 85 | 44'.3 | 178 | 415 |
| 86 | 37'.5 | 159 | 432 |
| 87 | 31'.0 | 148 | 445 |
| 88 | 24'.5 | 129 | 470 |
| 89 | 2°17'.6W | 14109nT | 48497nT |

DOMBÅS 1989
JANUARYDECLINATION. D = 2° W + TABULAR VALUES EXPRESSED IN TENTHS OF MINUTES
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Q 1 | 75 | 159 | 179 | 179 | 423 | 193 | 205 | 198 | 205 | 205 | 227 | 251 | 267 | 277 | 258 | 258 | 227 | 227 | 210 | 200 | 90 | 162 | 200 | 205 |
| Q 2 | 205 | 227 | 210 | 207 | 207 | 205 | 205 | 191 | 186 | 200 | 231 | 231 | 234 | 229 | 229 | 229 | 231 | 227 | 176 | 138 | 162 | 193 | 207 | 208 |
| Q 3 | 207 | 210 | 210 | 210 | 207 | 205 | 198 | 195 | 205 | 207 | 227 | 234 | 243 | 236 | 236 | 234 | 231 | 224 | 203 | 200 | 200 | 205 | 200 | 214 |
| Q 4 | 171 | 162 | 174 | 181 | 181 | 183 | 186 | 186 | 176 | 186 | 207 | 229 | 258 | 255 | 241 | 236 | 234 | 243 | 229 | 224 | 222 | 222 | 229 | 210 |
| D 5 | 229 | 135 | 39 | 78 | 162 | 200 | 311 | 291 | 248 | 152 | 157 | 183 | 212 | 236 | 253 | 279 | 349 | 402 | 282 | 251 | 203 | 179 | 176 | 138 |
| Q 6 | 133 | 183 | 203 | 200 | 179 | 186 | 181 | 179 | 159 | 179 | 181 | 222 | 227 | 229 | 231 | 231 | 229 | 227 | 210 | 205 | 203 | 195 | 200 | 203 |
| 7 | 205 | 210 | 224 | 224 | 210 | 217 | 207 | 181 | 181 | 181 | 183 | 207 | 229 | 234 | 229 | 234 | 248 | 205 | 198 | 222 | 191 | 159 | 171 | 207 |
| 8 | 203 | 207 | 205 | 205 | 222 | 210 | 203 | 203 | 200 | 193 | 195 | 234 | 272 | 303 | 246 | 313 | 330 | 275 | 251 | 159 | 157 | 150 | 159 | 128 |
| 9 | 164 | 176 | 186 | 183 | 193 | 179 | 183 | 179 | 174 | 203 | 198 | 234 | 258 | 270 | 289 | 222 | 227 | 227 | 203 | 179 | 155 | 87 | 83 | 162 |
| 10 | 147 | 102 | 155 | 222 | 210 | 198 | 200 | 186 | 176 | 167 | 183 | 251 | 253 | 243 | 251 | 251 | 224 | 270 | 229 | 227 | 205 | 203 | 200 | 203 |
| D11 | 200 | 174 | 200 | 210 | 210 | 205 | 193 | 186 | 181 | 183 | 191 | 224 | 301 | 282 | 306 | 402 | 387 | 421 | 198 | 318 | 181 | -37 | 258 | 325 |
| 12 | 104 | 162 | 169 | 169 | 193 | 248 | 174 | 167 | 157 | 162 | 183 | 210 | 224 | 229 | 227 | 227 | 207 | 205 | 207 | 183 | 150 | 162 | 195 | 200 |
| 13 | 203 | 203 | 205 | 207 | 205 | 205 | 191 | 179 | 174 | 176 | 198 | 227 | 253 | 291 | 303 | 356 | 351 | 392 | 303 | 246 | 176 | 157 | 131 | 114 |
| 14 | 131 | 119 | 176 | 186 | 179 | 181 | 181 | 181 | 179 | 186 | 210 | 224 | 227 | 231 | 229 | 231 | 248 | 231 | 207 | 181 | 109 | 147 | 145 | 35 |
| D15 | -11 | 241 | 169 | 145 | 179 | 234 | 203 | 191 | 174 | 227 | 205 | 275 | 299 | 279 | 306 | 392 | 323 | 325 | 258 | 253 | 155 | -81 | -47 | 25 |
| D16 | -90 | 181 | 191 | 162 | 179 | 159 | 301 | 373 | 275 | 215 | 191 | 227 | 231 | 275 | 291 | 282 | 277 | 303 | 205 | 42 | 135 | 150 | 90 | 66 |
| 17 | 47 | 59 | 123 | 150 | 169 | 179 | 179 | 219 | 198 | 186 | 174 | 234 | 207 | 251 | 279 | 243 | 253 | 349 | 320 | 229 | 35 | 128 | 155 | 133 |
| 18 | 97 | 107 | 123 | 138 | 179 | 183 | 181 | 162 | 176 | 207 | 222 | 241 | 231 | 260 | 260 | 239 | 246 | 255 | 229 | 207 | 200 | 159 | 198 | 174 |
| Q19 | 181 | 164 | 133 | 150 | 183 | 179 | 176 | 179 | 159 | 176 | 198 | 215 | 243 | 243 | 227 | 231 | 234 | 224 | 231 | 207 | 200 | 181 | 203 | 157 |
| D20 | 188 | 181 | 219 | 207 | 212 | 207 | 200 | 188 | 174 | 183 | 212 | 231 | 291 | 296 | 380 | 373 | 275 | 327 | 397 | 246 | 133 | 32 | -42 | 83 |
| 21 | 143 | 126 | 128 | 179 | 186 | 200 | 203 | 207 | 210 | 169 | 200 | 217 | 265 | 222 | 258 | 217 | 222 | 287 | 191 | 109 | 85 | 207 | 152 | 150 |
| 22 | 157 | 207 | 210 | 200 | 205 | 291 | 303 | 181 | 174 | 183 | 203 | 224 | 270 | 246 | 251 | 265 | 231 | 152 | 169 | 135 | 162 | 174 | 229 | 183 |
| 23 | 258 | 207 | 205 | 231 | 212 | 198 | 205 | 207 | 203 | 224 | 227 | 243 | 251 | 267 | 255 | 231 | 138 | 181 | 198 | 145 | 143 | 186 | 198 | 222 |
| 24 | 205 | 186 | 222 | 200 | 200 | 186 | 181 | 181 | 171 | 179 | 200 | 229 | 231 | 229 | 234 | 253 | 215 | 222 | 210 | 181 | 205 | 186 | 181 | 205 |
| 25 | 203 | 193 | 207 | 239 | 195 | 200 | 224 | 205 | 205 | 205 | 229 | 229 | 272 | 255 | 248 | 239 | 243 | 227 | 224 | 210 | 205 | 179 | 174 | 217 |
| 26 | 200 | 198 | 205 | 203 | 193 | 186 | 191 | 186 | 186 | 188 | 222 | 227 | 251 | 253 | 251 | 248 | 255 | 157 | 217 | 210 | 176 | 186 | 193 | 207 |
| 27 | 200 | 198 | 116 | 111 | 183 | 186 | 203 | 186 | 176 | 205 | 222 | 234 | 260 | 258 | 251 | 251 | 234 | 231 | 227 | 217 | 207 | 200 | 203 | 207 |
| 28 | 207 | 207 | 224 | 246 | 205 | 200 | 203 | 179 | 167 | 176 | 205 | 231 | 255 | 275 | 265 | 265 | 260 | 253 | 109 | 205 | 203 | 186 | 162 | 198 |
| 29 | 195 | 198 | 243 | 210 | 207 | 210 | 205 | 205 | 198 | 198 | 224 | 227 | 258 | 279 | 277 | 181 | 241 | 248 | 157 | 167 | 200 | 183 | 200 | 214 |
| 30 | 210 | 210 | 229 | 207 | 198 | 207 | 203 | 186 | 188 | 203 | 224 | 253 | 301 | 301 | 320 | 303 | 255 | 229 | 229 | 205 | 162 | 176 | 179 | 169 |
| 31 | 155 | 159 | 150 | 150 | 157 | 181 | 222 | 222 | 200 | 198 | 255 | 258 | 253 | 282 | 320 | 296 | 354 | 426 | 397 | 296 | 222 | 248 | -35 | 277 |
| M | 159 | 176 | 182 | 187 | 201 | 200 | 207 | 199 | 188 | 190 | 205 | 231 | 251 | 259 | 265 | 265 | 257 | 264 | 233 | 201 | 167 | 157 | 159 | 174 |
| MQ | 180 | 189 | 186 | 190 | 192 | 192 | 191 | 186 | 175 | 189 | 205 | 225 | 239 | 240 | 233 | 233 | 232 | 231 | 224 | 203 | 193 | 192 | 205 | 199 |
| MD | 103 | 182 | 164 | 160 | 188 | 201 | 241 | 246 | 210 | 192 | 191 | 228 | 267 | 274 | 307 | 346 | 322 | 356 | 268 | 222 | 161 | 49 | 87 | 127 |

FEBRUARY

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|------|-----|
| D 1 | -9 | 109 | 114 | 109 | 152 | 126 | 159 | 150 | 157 | 169 | 181 | 248 | 272 | 296 | 306 | 279 | 248 | 253 | 222 | 157 | 157 | 66 | 47 | 195 | |
| 2 | 210 | 169 | 131 | 179 | 126 | 171 | 159 | 164 | 159 | 174 | 200 | 229 | 246 | 263 | 246 | 248 | 258 | 275 | 351 | -11 | 6 | 63 | 114 | 126 | |
| D 3 | 155 | 104 | -83 | -78 | 131 | 181 | 181 | 174 | 157 | 179 | 224 | 236 | 248 | 270 | 299 | 205 | 325 | 155 | 66 | 188 | 157 | 131 | 157 | 59 | |
| D 4 | 109 | 155 | 155 | 157 | 157 | 157 | 171 | 171 | 181 | 183 | 207 | 248 | 277 | 258 | 279 | 275 | 227 | 253 | 253 | 210 | 198 | 179 | 85 | 111 | |
| 5 | 133 | 102 | 157 | 198 | 147 | 157 | 176 | 181 | 181 | 183 | 186 | 203 | 248 | 260 | 234 | 210 | 181 | 183 | 191 | 258 | 210 | 114 | 66 | 119 | |
| D 6 | 126 | -13 | 159 | 164 | 159 | 198 | 227 | 203 | 207 | 203 | 227 | 234 | 277 | 301 | 282 | 299 | 279 | 246 | 200 | 99 | 59 | 186 | 186 | 193 | 207 |
| D 7 | 128 | 61 | 111 | 145 | 227 | 198 | 267 | 241 | 210 | 195 | 229 | 277 | 275 | 260 | 229 | 270 | 258 | 181 | 210 | 181 | 133 | 157 | 121 | 68 | |
| 8 | 133 | 179 | 162 | 133 | 167 | 186 | 176 | 162 | 157 | 157 | 174 | 203 | 224 | 224 | 234 | 229 | 229 | 222 | 229 | 219 | 207 | 155 | 159 | 171 | |
| 9 | 135 | 128 | 114 | 140 | 181 | 207 | 179 | 157 | 147 | 176 | 207 | 229 | 267 | 275 | 229 | 277 | 275 | 241 | 205 | 234 | 68 | 63 | 80 | 83 | |
| 10 | 83 | 90 | 109 | 114 | 159 | 159 | 150 | 138 | 150 | 162 | 181 | 222 | 275 | 251 | 243 | 229 | 231 | 231 | 229 | 222 | 207 | 203 | 200 | 200 | |
| 11 | 195 | 198 | 203 | 207 | 205 | 205 | 186 | 179 | 171 | 183 | 203 | 253 | 275 | 246 | 251 | 248 | 253 | 277 | 301 | 219 | 186 | 195 | 150 | 157 | |
| 12 | 162 | 159 | 155 | 157 | 152 | 167 | 164 | 179 | 181 | 186 | 195 | 215 | 246 | 253 | 253 | 229 | 265 | 277 | 265 | 222 | 176 | 157 | 63 | 71 | |
| 13 | 87 | 37 | 90 | 131 | 107 | 145 | 150 | 164 | 179 | 183 | 203 | 210 | 246 | 258 | 253 | 234 | 258 | 299 | 243 | 229 | 207 | 179 | 128 | 138 | |
| 14 | 140 | 126 | 63 | 63 | 155 | 152 | 162 | 162 | 193 | 193 | 210 | 224 | 263 | 299 | 282 | 205 | 251 | 234 | 229 | 217 | 203 | 207 | 207 | 194 | |
| 15 | 205 | 205 | 205 | 222 | 200 | 186 | 203 | 188 | 183 | 200 | 210 | 251 | 263 | 270 | 279 | 275 | 301 | 275 | 301 | 186 | 215 | 210</td | | | |

DOMBÁS 1989
MARCHDECLINATION. D - 2° W + TABULAR VALUES EXPRESSED IN TENTHS OF MINUTES
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | | |
|-----|----------|-------------|---------|--------|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|-----|--------|-----|------|-----|--|
| Q 1 | 152 | 174 | 159 | 133 | 135 | 140 | 157 | 155 | 157 | 186 | 231 | 267 | 272 | 306 | 315 | 272 | 243 | 248 | 234 | 234 | 222 | 200 | 193 | 167 | 206 | |
| 2 | 179 | 205 | 207 | 138 | 114 | 90 | 111 | 114 | 133 | 181 | 212 | 253 | 323 | 323 | 342 | 349 | 282 | 253 | 217 | 167 | 198 | 135 | 71 | 155 | 198 | |
| 3 | 179 | 200 | 174 | 179 | 181 | 277 | 138 | 174 | 207 | 176 | 207 | 279 | 277 | 272 | 349 | 287 | 231 | 282 | 287 | 131 | 162 | 143 | 159 | 138 | 212 | |
| Q 4 | 159 | 109 | 147 | 157 | 159 | 157 | 155 | 152 | 162 | 195 | 231 | 255 | 299 | 279 | 248 | 210 | 239 | 222 | 207 | 198 | 193 | 193 | 188 | 186 | 196 | |
| 5 | 183 | 179 | 131 | 123 | 138 | 186 | 205 | 162 | 229 | 212 | 258 | 227 | 275 | 279 | 243 | 227 | 224 | 222 | 169 | 66 | 181 | 179 | 133 | 179 | 192 | |
| 6 | 155 | 200 | 212 | 200 | 179 | 207 | 200 | 176 | 198 | 227 | 243 | 301 | 284 | 299 | 320 | 253 | 234 | 183 | 229 | 212 | 138 | 183 | 205 | 181 | 217 | |
| 7 | 186 | 159 | 135 | 171 | 138 | 207 | 157 | 159 | 152 | 157 | 203 | 253 | 275 | 279 | 301 | 275 | 229 | 198 | 210 | 212 | 217 | 207 | 222 | 167 | 203 | |
| 8 | 176 | 159 | 174 | 164 | 186 | 183 | 183 | 174 | 169 | 191 | 215 | 231 | 258 | 275 | 275 | 255 | 243 | 243 | 258 | 265 | 368 | 207 | 97 | -37 | 205 | |
| 9 | -102 | 1 | 90 | 83 | 104 | 90 | 133 | 138 | 159 | 176 | 205 | 258 | 303 | 306 | 349 | 277 | 258 | 195 | 255 | 205 | 207 | 169 | 85 | 99 | 168 | |
| 10 | 128 | 176 | 162 | 92 | 157 | 147 | 205 | 195 | 205 | 203 | 207 | 239 | 272 | 255 | 243 | 231 | 203 | 169 | 227 | 234 | 207 | 152 | 198 | 183 | 195 | |
| 11 | 179 | 179 | 181 | 179 | 205 | 174 | 162 | 152 | 155 | 162 | 183 | 251 | 275 | 279 | 279 | 251 | 229 | 224 | 179 | 191 | 183 | 140 | 107 | 128 | 193 | |
| 12 | 32 | 63 | 138 | 138 | 145 | 157 | 155 | 147 | 159 | 176 | 198 | 229 | 253 | 241 | 248 | 263 | 270 | 243 | 272 | 229 | 227 | 203 | 198 | 229 | 192 | |
| D13 | 186 | 205 | 299 | 78-275 | 80 | 162 | 1 | 37 | 15 | 63-205 | 330 | 469 | 541 | 366 | 419 | 320 | 517 | 539 | 179-400 | 635-299 | | | | | 125 | |
| D14 | -160-510 | -18-275 | -61 | 150 | | 85 | 246 | 162 | 155 | 200 | 176 | 191 | 227 | 207 | 191 | 186 | 186 | 277 | 179 | 179 | 114 | 104 | 85 | 95 | | |
| 15 | -37 | -83-112-153 | 80 | 119 | 97 | 83 | 78 | 85 | 155 | 186 | 243 | 253 | 246 | 275 | 210 | 205 | 138 | 174 | 179 | 222 | 191 | 186 | 126 | | | |
| D16 | 183 | 176 | 174 | 183 | 183 | 157 | 159 | 152 | 51 | -57 | -9 | 78 | 234 | 227 | 231 | 181 | 83 | 133 | 224 | 198 | 145 | 131 | 150 | 107 | 145 | |
| 17 | -6 | 42 | 23 | 135 | 229 | 179 | 203 | 258 | 186 | 157 | 198 | 224 | 255 | 227 | 219 | 191 | 111 | 162 | 188 | 135 | 152 | 229 | 183 | 191 | 170 | |
| Q18 | 186 | 183 | 181 | 186 | 159 | 152 | 135 | 133 | 138 | 176 | 205 | 229 | 253 | 251 | 234 | 241 | 176 | 186 | 195 | 200 | 200 | 186 | 207 | 207 | 192 | |
| 19 | 207 | 205 | 193 | 176 | 162 | 140 | 123 | 219 | 109 | 109 | 277 | 279 | 299 | 323 | 246 | 155 | 267 | 272 | 198 | 135 | 186 | 164 | 176 | 186 | 200 | |
| Q20 | 191 | 200 | 191 | 229 | 193 | 191 | 179 | 138 | 135 | 152 | 167 | 222 | 234 | 243 | 246 | 224 | 203 | 203 | 207 | 227 | 207 | 207 | 104 | 145 | 193 | |
| 21 | 111 | 90 | 200 | 176 | 210 | 275 | 246 | 227 | 227 | 258 | 258 | 243 | 236 | 241 | 207 | 181 | 181 | 193 | 179 | 123 | 152 | 157 | 80 | 126 | 191 | |
| 22 | 181 | 179 | 157 | 162 | 159 | 179 | 205 | 195 | 157 | 157 | 162 | 222 | 234 | 253 | 275 | 203 | 205 | 224 | 193 | 205 | 111 | 13-155 | -11 | 161 | | |
| 23 | 37 | 162 | 162 | 162 | 176 | 164 | 135 | 133 | 138 | 191 | 219 | 275 | 299 | 327 | 296 | 363 | 421 | 186 | 174 | 210 | 212 | 109 | 114 | 66 | 197 | |
| 24 | 131 | 145 | 90 | 121 | 138 | 150 | 111 | 152 | 183 | 181 | 186 | 229 | 251 | 251 | 239 | 222 | 200 | 198 | 200 | 205 | 205 | 205 | 205 | 205 | 183 | |
| Q25 | 193 | 191 | 181 | 179 | 164 | 157 | 135 | 119 | 128 | 155 | 183 | 246 | 272 | 277 | 255 | 234 | 217 | 246 | 111 | 159 | 150 | 114 | 123 | 181 | 182 | |
| 26 | 200 | 205 | 207 | 179 | 174 | 159 | 135 | 119 | 114 | 152 | 207 | 236 | 296 | 291 | 277 | 253 | 229 | 205 | 193 | 205 | 210 | 205 | 181 | 193 | 201 | |
| 27 | 162 | 181 | 179 | 176 | 169 | 162 | 159 | 109 | 133 | 174 | 215 | 301 | 325 | 349 | 349 | 368 | 229 | 289 | 258 | 207 | 147 | 200 | -90 | 83 | 201 | |
| 28 | 157 | 135 | 152 | 145 | 143 | 150 | 150 | 152 | 155 | 183 | 205 | 253 | 291 | 311 | 332 | 318 | 301 | 272 | 217 | 272 | 248 | 186 | 222 | 181 | 214 | |
| D29 | 152 | 6 | 210-102 | 63 | 162 | 188 | 157 | 186 | 210 | 270 | 279 | 325 | 318 | 279 | 284 | 270 | 270 | 200 | 143 | 42 | 87 | 83 | 177 | | | |
| 30 | 102 | 128 | 104 | 56 | 63 | 183 | 203 | 157 | 229 | 234 | 236 | 251 | 275 | 279 | 239 | 217 | 205 | 229 | 97 | 73 | 174 | 133 | 157 | 6 | 168 | |
| D31 | 78 | 13-107-105 | 59 | 104 | 80 | 83 | 123 | 155 | 198 | 234 | 299 | 299 | 263 | 258 | 265 | 155 | 186 | 116 | 39 | 133 | 18 | 39 | 124 | | | |
| M | 124 | 118 | 141 | 112 | 130 | 162 | 156 | 154 | 152 | 163 | 198 | 226 | 273 | 284 | 282 | 254 | 235 | 220 | 218 | 197 | 185 | 144 | 106 | 120 | 181 | |
| MQ | 176 | 171 | 172 | 177 | 162 | 159 | 152 | 139 | 144 | 173 | 204 | 244 | 266 | 271 | 260 | 236 | 216 | 221 | 191 | 204 | 194 | 180 | 163 | 177 | 194 | |
| MD | 88 | -21 | 111 | -43 | -5 | 131 | 130 | 134 | 106 | 91 | 133 | 110 | 266 | 309 | 312 | 255 | 247 | 213 | 295 | 246 | 137 | 4 | -54 | 3 | 133 | |

APRIL

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | | |
|-----|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|--|
| D 1 | 126 | 37 | 35 | 30 | 61 | 152 | 205 | 114 | 205 | 159 | 186 | 183 | 258 | 275 | 239 | 227 | 193 | 205 | 195 | 212 | 147 | 210 | 109 | 162 | 163 | |
| 2 | 176 | 179 | 183 | 179 | 179 | 152 | 121 | 126 | 131 | 133 | 179 | 260 | 303 | 260 | 320 | 282 | 255 | 195 | 186 | 203 | 181 | 176 | 198 | 188 | 198 | |
| 3 | 227 | 234 | 234 | 143 | 109 | 157 | 152 | 157 | 135 | 131 | 150 | 198 | 248 | 301 | 303 | 275 | 255 | 231 | 241 | 222 | 186 | 200 | 121 | 95 | 85 | |
| D 4 | 133 | 80 | 75 | 90 | 131 | 135 | 107 | 109 | 150 | 186 | 222 | 296 | 279 | 323 | 279 | 279 | 227 | 277 | 73 | 92 | 200 | 198 | 147 | 207 | 179 | |
| D 5 | -150 | 30-155 | -6 | 111 | 147 | 133 | 133 | 133 | 152 | 198 | 251 | 270 | 284 | 258 | 227 | 205 | 195 | 181 | 174 | 152 | 135 | 183 | 150 | 143 | 143 | |
| 6 | 107 | 66 | 111 | 111 | 135 | 128 | 111 | 111 | 116 | 157 | 203 | 231 | 270 | 279 | 272 | 241 | 215 | 217 | 203 | 198 | 147 | 207 | 159 | 186 | 174 | |
| 7 | 203 | 191 | 186 | 176 | 162 | 135 | 111 | 203 | 210 | 207 | 246 | 277 | 289 | 344 | 306 | 323 | 325 | 337 | 229 | 181 | 191 | 174 | 150 | 258 | 225 | |
| 8 | 176 | 109 | 152 | 111 | 92 | 126 | 99 | 159 | 174 | 183 | 229 | 255 | 277 | 277 | 265 | 270 | 265 | 198 | 181 | 203 | 183 | 181 | 169 | 176 | 188 | |
| 9 | 171 | 205 | 171 | 107 | 133 | 135 | 135 | 147 | 138 | 152 | 181 | 229 | 279 | 296 | 282 | 265 | 198 | 203 | 210 | 222 | 205 | 181 | 174 | 159 | 191 | |
| Q10 | 203 | 162 | 145 | 138 | 135 | 133 | 128 | 111 | 123 | 111 | 186 | 251 | 265 | 284 | 258 | 231 | 243 | 205 | 210 | 215 | 215 | 205 | 143 | 155 | 186 | |
| 11 | 186 | 186 | 183 | 152 | 159 | 186 | 162 | 133 | 133 | 157 | 215 | 270 | 318 | 332 | 349 | 397 | 375 | 275 | 270 | 246 | 227 | 222 | 210 | 200 | 231 | |
| Q12 | 198 | 183 | 176 | 176 | 162 | 152 | 133 | 114 | 133 | 171 | 210 | 253 | 279 | 282 | 260 | 231 | 210 | 210 | 213 | 246 | 234 | 231 | 222 | 205 | 204 | |
| 13 | 200 | 200 | 181 | 157 | 133 | 116 | 159 | 191 | 162 | 157 | 246 | 277 | 301 | 301 | 299 | 253 | 224 | 186 | 159 | 152 | 179 | 188 | 207 | 210 | 202 | |
| 14 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | |

DOMBÅS 1989
MAYDECLINATION. D = 2° W + TABULAR VALUES EXPRESSED IN TENTHS OF MINUTES
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 193 | 135 | 131 | 131 | 135 | 131 | 147 | 150 | 135 | 155 | 183 | 207 | 234 | 248 | 255 | 263 | 263 | 234 | 229 | 229 | 234 | 210 | 207 | 138 | 191 |
| 2 | 104 | 138 | 138 | 186 | 181 | 162 | 210 | 219 | 222 | 248 | 258 | 270 | 279 | 275 | 251 | 246 | 246 | 275 | 231 | 205 | 111 | 174 | 210 | 215 | 210 |
| 3 | 229 | 157 | 155 | 102 | 107 | 138 | 138 | 138 | 133 | 140 | 183 | 203 | 231 | 253 | 255 | 248 | 236 | 219 | 176 | 198 | 159 | 207 | 198 | 210 | 184 |
| 4 | 159 | 155 | 179 | 157 | 85 | 92 | 157 | 176 | 188 | 203 | 234 | 282 | 299 | 301 | 299 | 287 | 229 | 181 | 217 | 198 | 159 | 152 | 181 | 222 | 200 |
| D 5 | 73 | -263 | -155 | -23 | -61 | 56 | 128 | 13 | 63 | 128 | 183 | 253 | 287 | 284 | 270 | 222 | 207 | 181 | 186 | 210 | 133 | 152 | 162 | 181 | 120 |
| 6 | 171 | 159 | 164 | 159 | 135 | 102 | 87 | 85 | 111 | 138 | 207 | 258 | 291 | 275 | 279 | 246 | 200 | 205 | 210 | 217 | 205 | 90 | 133 | 169 | 179 |
| D 7 | 162 | 162 | 157 | 143 | 135 | 128 | 80 | 83 | 107 | 224 | 243 | 272 | 308 | 325 | 392 | 323 | 270 | 330 | 253 | 222 | 229 | 217 | 164 | 157 | 212 |
| Q 8 | 157 | 145 | 138 | 114 | 104 | 83 | 90 | 111 | 155 | 186 | 210 | 270 | 296 | 296 | 272 | 227 | 227 | 210 | 217 | 205 | 198 | 205 | 174 | 179 | 186 |
| Q 9 | 164 | 159 | 155 | 145 | 131 | 90 | 92 | 114 | 138 | 143 | 227 | 279 | 306 | 308 | 277 | 234 | 210 | 200 | 191 | 203 | 207 | 186 | 183 | 188 | 189 |
| Q10 | 191 | 195 | 188 | 174 | 133 | 92 | 90 | 111 | 143 | 181 | 224 | 267 | 296 | 299 | 272 | 239 | 215 | 207 | 205 | 219 | 222 | 215 | 229 | 205 | 200 |
| Q11 | 181 | 181 | 159 | 119 | 109 | 87 | 90 | 102 | 126 | 162 | 217 | 258 | 301 | 303 | 279 | 255 | 253 | 219 | 229 | 231 | 234 | 227 | 210 | 200 | 197 |
| 12 | 195 | 176 | 155 | 169 | 222 | 186 | 138 | 135 | 186 | 198 | 234 | 248 | 265 | 272 | 251 | 231 | 176 | 186 | 203 | 215 | 217 | 215 | 212 | 203 | 204 |
| 13 | 183 | 162 | 140 | 111 | 95 | 85 | 90 | 95 | 128 | 162 | 210 | 251 | 260 | 251 | 260 | 282 | 277 | 282 | 229 | 234 | 236 | 227 | 207 | 207 | 194 |
| 14 | 210 | 183 | 176 | 138 | 207 | 210 | 135 | 114 | 138 | 198 | 251 | 282 | 284 | 270 | 234 | 205 | 205 | 205 | 227 | 227 | 234 | 219 | 200 | 219 | 207 |
| 15 | 191 | 174 | 155 | 111 | 90 | 102 | 133 | 133 | 176 | 229 | 282 | 301 | 318 | 272 | 234 | 207 | 205 | 222 | 227 | 210 | 210 | 183 | 195 | 210 | 199 |
| 16 | 203 | 186 | 174 | 138 | 111 | 114 | 131 | 152 | 162 | 198 | 229 | 258 | 272 | 267 | 246 | 229 | 205 | 207 | 203 | 207 | 231 | 231 | 234 | 212 | 200 |
| 17 | 207 | 164 | 152 | 138 | 155 | 138 | 119 | 152 | 155 | 179 | 207 | 229 | 255 | 246 | 229 | 222 | 198 | 207 | 207 | 210 | 215 | 222 | 212 | 205 | 193 |
| 18 | 205 | 179 | 159 | 152 | 143 | 128 | 95 | 111 | 152 | 174 | 227 | 258 | 260 | 267 | 255 | 227 | 229 | 229 | 227 | 231 | 231 | 217 | 205 | 200 | 198 |
| Q19 | 183 | 179 | 155 | 138 | 116 | 128 | 131 | 135 | 159 | 200 | 231 | 258 | 279 | 277 | 275 | 253 | 231 | 224 | 207 | 207 | 229 | 234 | 231 | 219 | 203 |
| 20 | 186 | 203 | 176 | 131 | 109 | 107 | 102 | 90 | 104 | 138 | 181 | 251 | 279 | 275 | 270 | 253 | 205 | 183 | 183 | 186 | 207 | 224 | 229 | 227 | 187 |
| 21 | 205 | 183 | 176 | 138 | 123 | 109 | 109 | 133 | 143 | 227 | 275 | 303 | 296 | 267 | 246 | 234 | 229 | 224 | 224 | 227 | 227 | 210 | 212 | 212 | 205 |
| 22 | 229 | 229 | 186 | 159 | 176 | 140 | 128 | 133 | 169 | 183 | 205 | 258 | 287 | 275 | 282 | 231 | 200 | 229 | 227 | 227 | 231 | 176 | 212 | 203 | 207 |
| D23 | 186 | 200 | 174 | 157 | 138 | 128 | 128 | 111 | 131 | 147 | 176 | 227 | 260 | 272 | 323 | 419 | 349 | 325 | 258 | 210 | 229 | 234 | 291 | 191 | 219 |
| D24 | 231 | -11 | 18 | 128 | 80 | 397 | 222 | 59 | 99 | 128 | 138 | 123 | 159 | 205 | 272 | 291 | 224 | 241 | 296 | 215 | 205 | 111 | 68 | 80 | 166 |
| D25 | 83 | 83 | 15 | 90 | 87 | 87 | 83 | 128 | 99 | 150 | 186 | 224 | 267 | 272 | 234 | 260 | 246 | 229 | 212 | 231 | 234 | 222 | 207 | 183 | 171 |
| M | 177 | 144 | 136 | 129 | 120 | 124 | 118 | 116 | 138 | 175 | 215 | 252 | 274 | 275 | 267 | 251 | 229 | 228 | 220 | 218 | 211 | 207 | 195 | 191 | 192 |
| MQ | 175 | 172 | 159 | 138 | 119 | 96 | 98 | 115 | 144 | 174 | 222 | 266 | 296 | 297 | 275 | 241 | 227 | 212 | 210 | 213 | 218 | 213 | 205 | 198 | 195 |
| MD | 147 | 34 | 42 | 99 | 76 | 159 | 128 | 79 | 100 | 156 | 185 | 220 | 256 | 272 | 298 | 303 | 259 | 261 | 241 | 217 | 206 | 187 | 179 | 158 | 178 |

JUNE

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | | |
|-----|--------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| 1 | 152 | 102 | 87 | 102 | 104 | 92 | 85 | 107 | 143 | 203 | 231 | 282 | 301 | 267 | 270 | 246 | 246 | 229 | 207 | 207 | 205 | 195 | 179 | 155 | 183 | |
| 2 | 135 | 152 | 135 | 114 | 95 | 39 | 63 | 63 | 85 | 157 | 191 | 258 | 277 | 263 | 299 | 291 | 255 | 227 | 229 | 207 | 224 | 229 | 186 | 215 | 183 | |
| 3 | 135 | 159 | 133 | 114 | 95 | 80 | 66 | 85 | 128 | 174 | 207 | 253 | 279 | 282 | 272 | 275 | 243 | 258 | 229 | 210 | 210 | 229 | 138 | 187 | 187 | |
| 4 | 90 | 35 | 13 | 104 | 111 | 102 | 61 | 56 | 78 | 138 | 205 | 258 | 275 | 279 | 253 | 229 | 205 | 183 | 203 | 203 | 188 | 215 | 229 | 205 | 163 | |
| 5 | 181 | 157 | 138 | 107 | 104 | 107 | 83 | 83 | 97 | 162 | 224 | 270 | 299 | 299 | 282 | 253 | 222 | 198 | 205 | 210 | 205 | 181 | 133 | 159 | 181 | |
| 6 | 157 | 159 | 169 | 133 | 97 | 85 | 59 | 42 | 85 | 157 | 234 | 287 | 311 | 282 | 272 | 251 | 231 | 229 | 207 | 207 | 207 | 205 | 186 | 207 | 186 | |
| D 7 | 195 | 97 | -155 | -107 | 205 | -61 | -4 | -9 | 99 | 126 | 159 | 263 | 258 | 296 | 275 | 234 | 212 | 183 | 179 | 181 | 205 | 183 | 183 | 207 | 142 | |
| 8 | 210 | 205 | 155 | 107 | 85 | 90 | 87 | 87 | 111 | 152 | 186 | 246 | 279 | 299 | 279 | 251 | 236 | 239 | 255 | 258 | 320 | 255 | 205 | 150 | 198 | |
| D 9 | 42 | 66 | -323 | -11 | 61 | 63 | 37 | 66 | 90 | 133 | 176 | 207 | 210 | 227 | 215 | 205 | 210 | 231 | 277 | 282 | 224 | 203 | 157 | 18 | 128 | |
| D10 | 13-126 | -105 | -61 | 66 | -93 | 169 | 210 | 109 | 138 | 205 | 222 | 255 | 255 | 251 | 325 | 649 | 495 | 349 | 229 | 299 | 253 | 133 | 186 | 184 | 184 | |
| 11 | 229 | 200 | 171 | 179 | 102 | 90 | 87 | 85 | 116 | 159 | 222 | 277 | 272 | 239 | 231 | 227 | 205 | 198 | 229 | 229 | 212 | 203 | 195 | 207 | 190 | |
| 12 | 198 | 229 | 157 | 114 | 90 | 99 | 87 | 133 | 164 | 179 | 206 | 200 | 234 | 234 | 207 | 183 | 181 | 203 | 207 | 203 | 203 | 186 | 183 | 176 | 176 | |
| 13 | 183 | 179 | 157 | 133 | 104 | 85 | 90 | 95 | 90 | 133 | 157 | 205 | 227 | 287 | 253 | 205 | 212 | 222 | 212 | 205 | 181 | 200 | 205 | 212 | 176 | |
| D14 | 207 | 205 | 210 | 198 | 104 | 102 | 78 | 111 | 128 | 200 | 255 | 272 | 248 | 255 | 282 | 231 | 267 | 272 | 275 | 258 | 251 | 224 | 162 | 107 | 204 | |
| D15 | -9 | -37 | 23 | 66 | 42 | 37 | 15 | 56 | 85 | 176 | 200 | 205 | 207 | 248 | 279 | 207 | 253 | 267 | 272 | 258 | 258 | 253 | 210 | 229 | 158 | 158 |
| 16 | 162 | 179 | 183 | 155 | 131 | 90 | 107 | 111 | 114 | 157 | 179 | 205 | 229 | 229 | 229 | 181 | 155 | 159 | 179 | 186 | 186 | 186 | 176 | 181 | 169 | |
| Q17 | 167 | 157 | 155 | 138 | 102 | 80 | 80 | 90 | 109 | 135 | 169 | 231 | 279 | 303 | 282 | 251 | 231 | 205 | 195 | 205 | 207 | 222 | 222 | 210 | 184 | |
| Q18 | 207 | 179 | 133 | 111 | 102 | 80 | 71 | 87 | 109 | 135 | 210 | 284 | 339 | 330 | 320 | 296 | 248 | 215 | 203 | 205 | 205 | 205 | 200 | 200 | 195 | |
| 19 | 200 | 181 | 150 | 111 | 109 | 83 | 87 | 92 | 133 | 176 | 200 | 248 | 277 | 301 | 282 | 272 | 246 | 217 | 210 | 205 | 207 | 239 | 231 | 162 | 192 | |
| 20 | 171 | 157 | 155 | 104 | 87 | 59 | 80 | 83 | 126 | 1 | | | | | | | | | | | | | | | | |

DOMBÁS 1989
JULYDECLINATION. D = 2° W + TABULAR VALUES EXPRESSED IN TENTHS OF MINUTES
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| D 1 | 157 | 121 | 109 | 114 | 111 | 109 | 107 | 92 | 143 | 207 | 234 | 253 | 277 | 282 | 279 | 296 | 354 | 378 | 421 | 301 | 253 | 66 | 42 | 109 | 201 |
| 2 | 121 | 80 | 102 | 131 | 80 | 85 | 102 | 102 | 143 | 171 | 186 | 224 | 231 | 239 | 227 | 207 | 183 | 183 | 183 | 183 | 186 | 186 | 181 | 162 | |
| Q 3 | 167 | 157 | 138 | 123 | 104 | 83 | 80 | 80 | 80 | 107 | 143 | 205 | 231 | 246 | 231 | 217 | 203 | 198 | 183 | 179 | 183 | 186 | 181 | 162 | |
| Q 4 | 157 | 155 | 150 | 135 | 133 | 109 | 107 | 95 | 109 | 131 | 176 | 212 | 253 | 275 | 275 | 251 | 231 | 229 | 210 | 210 | 207 | 203 | 191 | 183 | |
| D 5 | 179 | 157 | 138 | 128 | 90 | 66 | 39 | 42 | 63 | 111 | 162 | 229 | 263 | 275 | 275 | 231 | 229 | 296 | 229 | 253 | 229 | 234 | 186 | 179 | |
| 6 | 176 | 138 | 138 | 155 | 159 | 169 | 157 | 157 | 183 | 210 | 231 | 255 | 279 | 279 | 282 | 253 | 253 | 210 | 205 | 198 | 243 | 231 | 227 | 222 | 209 |
| 7 | 222 | 176 | 131 | 114 | 107 | 111 | 111 | 155 | 128 | 131 | 155 | 186 | 234 | 263 | 258 | 231 | 210 | 193 | 200 | 207 | 210 | 222 | 207 | 207 | 182 |
| Q 8 | 183 | 169 | 157 | 133 | 104 | 85 | 83 | 90 | 109 | 121 | 181 | 246 | 282 | 296 | 275 | 231 | 205 | 200 | 207 | 210 | 210 | 207 | 203 | 186 | |
| 9 | 181 | 162 | 176 | 114 | 107 | 80 | 63 | 66 | 104 | 155 | 186 | 229 | 255 | 263 | 270 | 255 | 255 | 243 | 210 | 222 | 231 | 212 | 203 | 183 | |
| 10 | 186 | 179 | 159 | 138 | 126 | 140 | 119 | 83 | 97 | 135 | 181 | 229 | 275 | 282 | 263 | 258 | 253 | 263 | 229 | 229 | 234 | 198 | 191 | 181 | |
| Q11 | 157 | 133 | 133 | 147 | 133 | 109 | 90 | 102 | 114 | 157 | 207 | 263 | 282 | 296 | 279 | 272 | 234 | 229 | 210 | 207 | 207 | 205 | 181 | 190 | |
| 12 | 174 | 159 | 155 | 135 | 128 | 109 | 109 | 111 | 114 | 133 | 159 | 207 | 255 | 258 | 272 | 270 | 248 | 227 | 227 | 219 | 215 | 227 | 205 | 189 | |
| 13 | 186 | 159 | 152 | 138 | 126 | 95 | 78 | 138 | 133 | 135 | 167 | 229 | 255 | 272 | 275 | 253 | 229 | 207 | 203 | 210 | 229 | 200 | 186 | 185 | |
| 14 | 167 | 155 | 138 | 131 | 116 | 111 | 90 | 102 | 111 | 143 | 183 | 210 | 246 | 270 | 251 | 251 | 234 | 234 | 210 | 222 | 210 | 207 | 203 | 183 | |
| 15 | 183 | 159 | 159 | 126 | 111 | 107 | 90 | 107 | 133 | 150 | 162 | 205 | 248 | 251 | 255 | 253 | 227 | 203 | 200 | 207 | 222 | 207 | 205 | 210 | 183 |
| Q16 | 174 | 155 | 150 | 135 | 131 | 107 | 109 | 114 | 135 | 162 | 186 | 224 | 270 | 275 | 255 | 251 | 231 | 210 | 222 | 210 | 210 | 205 | 203 | 191 | 188 |
| D17 | 183 | 183 | 159 | 114 | 83 | 83 | 85 | 135 | 157 | 171 | 198 | 210 | 277 | 291 | 279 | 251 | 231 | 229 | 186 | 205 | 227 | 234 | 207 | 157 | 189 |
| D18 | 145 | 135 | 133 | 83-107 | 183 | 162 | 145 | 135 | 152 | 207 | 241 | 253 | 272 | 279 | 248 | 205 | 181 | 157 | 186 | 198 | 207 | 210 | 205 | 176 | |
| 19 | 195 | 203 | 181 | 162 | 133 | 114 | 83 | 75 | 90 | 133 | 176 | 205 | 246 | 255 | 255 | 231 | 205 | 198 | 207 | 207 | 205 | 191 | 198 | 195 | |
| 20 | 179 | 159 | 155 | 131 | 107 | 85 | 90 | 95 | 114 | 157 | 207 | 251 | 272 | 279 | 277 | 251 | 229 | 207 | 205 | 215 | 222 | 227 | 183 | 188 | |
| 21 | 181 | 157 | 138 | 135 | 111 | 119 | 133 | 143 | 167 | 203 | 246 | 258 | 270 | 272 | 243 | 229 | 212 | 203 | 205 | 227 | 222 | 219 | 207 | 188 | |
| 22 | 186 | 176 | 155 | 135 | 114 | 131 | 138 | 157 | 162 | 181 | 198 | 222 | 248 | 272 | 282 | 277 | 234 | 207 | 207 | 205 | 224 | 207 | 222 | 198 | |
| 23 | 183 | 191 | 203 | 126 | 114 | 56 | 51 | 85 | 131 | 181 | 224 | 255 | 301 | 323 | 289 | 299 | 239 | 224 | 207 | 210 | 210 | 207 | 210 | 183 | |
| 24 | 207 | 159 | 147 | 135 | 128 | 133 | 167 | 138 | 114 | 133 | 181 | 229 | 282 | 299 | 303 | 296 | 277 | 277 | 231 | 227 | 227 | 227 | 188 | 181 | |
| 25 | 176 | 176 | 174 | 133 | 85 | 63 | 63 | 80 | 95 | 176 | 186 | 210 | 255 | 272 | 260 | 258 | 246 | 224 | 207 | 207 | 205 | 207 | 181 | 180 | |
| D26 | 138 | 138 | 159 | 147 | 138 | 133 | 109 | 102 | 99 | 152 | 207 | 253 | 323 | 277 | 277 | 277 | 279 | 275 | 227 | 205 | 224 | 227 | 207 | 159 | 197 |
| 27 | 186 | 157 | 152 | 111 | 114 | 80 | 83 | 90 | 119 | 157 | 181 | 217 | 248 | 255 | 272 | 255 | 229 | 215 | 222 | 205 | 222 | 207 | 183 | 181 | |
| 28 | 162 | 164 | 203 | 229 | 181 | 128 | 97 | 87 | 109 | 140 | 183 | 229 | 270 | 296 | 263 | 251 | 231 | 210 | 217 | 169 | 186 | 215 | 157 | 133 | |
| 29 | 138 | 162 | 181 | 131 | 95 | 61 | 71 | 78 | 109 | 157 | 205 | 253 | 279 | 301 | 282 | 255 | 229 | 203 | 179 | 210 | 183 | 176 | 174 | 179 | |
| 30 | 179 | 162 | 152 | 135 | 111 | 83 | 78 | 104 | 135 | 183 | 227 | 253 | 275 | 277 | 255 | 234 | 217 | 198 | 215 | 186 | 207 | 229 | 183 | 162 | |
| 31 | 159 | 162 | 133 | 109 | 90 | 87 | 99 | 111 | 133 | 162 | 200 | 231 | 253 | 253 | 234 | 231 | 229 | 215 | 200 | 205 | 205 | 207 | 229 | 200 | |
| M | 173 | 158 | 151 | 132 | 108 | 103 | 99 | 106 | 122 | 155 | 193 | 231 | 264 | 275 | 267 | 252 | 234 | 225 | 214 | 211 | 213 | 206 | 194 | 183 | |
| MQ | 168 | 154 | 145 | 135 | 121 | 98 | 94 | 96 | 109 | 135 | 179 | 230 | 264 | 277 | 263 | 244 | 221 | 213 | 206 | 203 | 204 | 201 | 196 | 181 | |
| MD | 160 | 147 | 140 | 117 | 63 | 115 | 100 | 103 | 120 | 159 | 202 | 237 | 278 | 279 | 278 | 261 | 260 | 272 | 244 | 230 | 226 | 193 | 170 | 163 | |

AUGUST

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Q 1 | 157 | 159 | 138 | 133 | 90 | 83 | 85 | 111 | 140 | 193 | 231 | 258 | 275 | 282 | 272 | 251 | 229 | 205 | 205 | 222 | 203 | 205 | 205 | 159 | 187 |
| 2 | 145 | 157 | 123 | 114 | 85 | 83 | 87 | 114 | 135 | 181 | 215 | 251 | 275 | 277 | 263 | 253 | 231 | 231 | 229 | 227 | 222 | 198 | 183 | 181 | |
| Q 3 | 159 | 159 | 171 | 159 | 135 | 133 | 155 | 157 | 159 | 159 | 183 | 251 | 282 | 320 | 323 | 299 | 253 | 207 | 195 | 203 | 207 | 205 | 203 | 200 | 203 |
| 4 | 200 | 183 | 167 | 131 | 104 | 87 | 83 | 63 | 66 | 114 | 179 | 243 | 263 | 301 | 327 | 287 | 248 | 234 | 222 | 227 | 179 | 162 | 205 | 219 | |
| Q 5 | 181 | 167 | 138 | 126 | 107 | 107 | 90 | 87 | 104 | 114 | 181 | 231 | 296 | 320 | 296 | 260 | 243 | 207 | 203 | 205 | 205 | 205 | 205 | 187 | |
| 6 | 203 | 186 | 171 | 152 | 131 | 114 | 131 | 128 | 145 | 193 | 243 | 296 | 323 | 323 | 296 | 231 | 231 | 222 | 229 | 234 | 210 | 210 | 171 | 176 | |
| 7 | 176 | 162 | 152 | 104 | 83 | 87 | 83 | 90 | 104 | 152 | 186 | 231 | 255 | 270 | 251 | 231 | 231 | 217 | 224 | 229 | 195 | 205 | 181 | 178 | |
| 8 | 157 | 155 | 152 | 114 | 85 | 66 | 66 | 87 | 107 | 157 | 203 | 248 | 275 | 275 | 251 | 229 | 227 | 224 | 227 | 222 | 203 | 186 | 191 | 180 | |
| 9 | 203 | 164 | 157 | 133 | 109 | 85 | 80 | 90 | 131 | 176 | 207 | 253 | 296 | 289 | 275 | 270 | 246 | 227 | 255 | 291 | 234 | 243 | 229 | 179 | |
| D10 | 181 | 219 | 205 | 162 | 104 | 133 | 162 | 133 | 42 | 253 | 301 | 296 | 301 | 299 | 296 | 224 | 162 | 176 | 191 | 215 | 205 | 114 | 155 | 111 | |
| 11 | 123 | 109 | 63 | 133 | 179 | 157 | 63 | 59 | 87 | 133 | 181 | 205 | 229 | 253 | 267 | 229 | 181 | 205 | 210 | 207 | 224 | 205 | 186 | 203 | |
| 12 | 349 | 78 | 51 | 59 | 63 | 59 | 66 | 63 | 111 | 157 | 171 | 212 | 251 | 251 | 253 | 227 | 205 | 210 | 224 | 215 | 210 | 200 | 143 | 138 | |
| 13 | 157 | 128 | 157 | 162 | 131 | 133 | 155 | 155 | 162 | 157 | 210 | 246 | 275 | 301 | 279 | 258 | 229 | 224 | 222 | 222 | 210 | 203 | 205 | 179 | |
| D14 | 179 | 157 | 186 | 56 | 97 | 111 | 66 | 66 | 107 | 277 | 181 | 253 | 325 | 301 | 243 | 229 | 229 | 205 | 224 | 231 | 205 | 181 | 75 | 175 | |
| 15 | 1-251 | -201 | -294 | -6 | 13 | 109 | 114 | 131 | 131 | 157 | 200 | 162 | 246 | 279 | 234 | 248 | 229 | 210 | 212 | | | | | | |

| DOMBÅS 1989 SEPTEMBER | | DECLINATION. D = 2° W + TABULAR VALUES EXPRESSED IN TENTHS OF MINUTES HOURLY MEAN VALUES | | | | | | | | | | | | | | | | | | | | | GMT | | |
|--------------------------|------|---|------|------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| DAY | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
| 1 | 175 | 171 | 147 | 111 | 99 | 99 | 103 | 103 | 137 | 192 | 231 | 269 | 250 | 252 | 195 | 178 | 149 | 151 | 175 | 209 | 192 | 190 | 178 | 173 | 172 |
| 2 | 175 | 175 | 173 | 147 | 123 | 190 | 99 | 118 | 156 | 202 | 250 | 293 | 293 | 264 | 250 | 243 | 173 | 197 | 199 | 199 | 178 | 190 | 178 | 168 | 193 |
| 3 | 161 | 151 | 149 | 142 | 149 | 154 | 115 | 135 | 175 | 207 | 245 | 264 | 264 | 245 | 219 | 175 | 151 | 173 | 197 | 199 | 202 | 197 | 154 | 139 | 182 |
| D 4 | 125 | 72 | -91 | -43 | -43 | 65 | 75 | 101 | 144 | 226 | 223 | 269 | 271 | 259 | 223 | 187 | 173 | 175 | 180 | 190 | 190 | 183 | 173 | 77 | 142 |
| 5 | 51 | 101 | -14 | -21 | 101 | 43 | 72 | 101 | 147 | 195 | 199 | 243 | 221 | 209 | 190 | 175 | 173 | 175 | 178 | 185 | 195 | 178 | 159 | 151 | 142 |
| 6 | 154 | 151 | 139 | 125 | 125 | 118 | 99 | 125 | 147 | 171 | 199 | 257 | 274 | 264 | 226 | 197 | 149 | 154 | 197 | 173 | 197 | 202 | 185 | 183 | 175 |
| 7 | 199 | 178 | 149 | 125 | 106 | 91 | 99 | 77 | 101 | 149 | 197 | 250 | 288 | 250 | 223 | 173 | 173 | 125 | 154 | 221 | 154 | 173 | 219 | 154 | 168 |
| 8 | 82 | 77 | 127 | 147 | 130 | 159 | 171 | 171 | 154 | 180 | 231 | 250 | 250 | 247 | 223 | 195 | 139 | 161 | 187 | 197 | 197 | 199 | 195 | 197 | 178 |
| 9 | 101 | 101 | 82 | 108 | 103 | 101 | 101 | 103 | 125 | 168 | 197 | 231 | 245 | 231 | 238 | 226 | 197 | 219 | 221 | 221 | 173 | 178 | 171 | 171 | 157 |
| 10 | 154 | 154 | 130 | 101 | 79 | 111 | 106 | 147 | 195 | 223 | 247 | 267 | 271 | 171 | 175 | 197 | 178 | 192 | 202 | 223 | 192 | 159 | 175 | 175 | 175 |
| Q11 | 151 | 125 | 125 | 127 | 123 | 103 | 103 | 120 | 149 | 175 | 223 | 250 | 243 | 223 | 214 | 197 | 197 | 199 | 199 | 195 | 195 | 195 | 175 | 175 | 174 |
| 12 | 171 | 154 | 190 | 190 | 168 | 175 | 221 | 202 | 209 | 209 | 219 | 245 | 245 | 221 | 195 | 178 | 197 | 197 | 202 | 199 | 180 | 187 | 175 | 199 | 199 |
| 13 | 171 | 166 | 156 | 139 | 118 | 101 | 77 | 82 | 125 | 156 | 195 | 219 | 226 | 238 | 243 | 223 | 197 | 197 | 197 | 199 | 166 | 149 | 149 | 171 | 169 |
| Q14 | 149 | 147 | 130 | 123 | 120 | 103 | 82 | 82 | 144 | 197 | 243 | 247 | 219 | 202 | 197 | 185 | 173 | 178 | 190 | 195 | 190 | 175 | 175 | 168 | 167 |
| D15 | 171 | 151 | 151 | 151 | 221 | 173 | 77 | 91 | 96 | 168 | 243 | 247 | 219 | 202 | 197 | 185 | 173 | 178 | 190 | 195 | 190 | 175 | 175 | 168 | 174 |
| 16 | -84 | -242 | -134 | -254 | -67 | -17 | 65 | 101 | 125 | 192 | 223 | 245 | 250 | 243 | 219 | 199 | 195 | 235 | 238 | 214 | 271 | 199 | 171 | 125 | 113 |
| 17 | 77 | 103 | 125 | 125 | 125 | 120 | 118 | 125 | 142 | 168 | 185 | 221 | 231 | 219 | 207 | 197 | 195 | 197 | 192 | 178 | 190 | 171 | 159 | 168 | 164 |
| D18 | 130 | 29 | 75 | 101 | 103 | 103 | 96 | 82 | 99 | 125 | 173 | 219 | 267 | 264 | 247 | 223 | 221 | 221 | 221 | 210 | -91 | 209 | -230 | 134 | 134 |
| D19 | -235 | -331 | -336 | -290 | -77 | 509 | 730 | 53 | 79 | 101 | 123 | 149 | 197 | 197 | 199 | 197 | 197 | 180 | 178 | 197 | 171 | 149 | 127 | 123 | 108 |
| Q20 | 120 | 120 | 125 | 123 | 125 | 125 | 103 | 96 | 99 | 123 | 154 | 192 | 197 | 197 | 171 | 149 | 149 | 161 | 173 | 171 | 154 | 151 | 103 | 125 | 142 |
| 21 | 103 | 84 | 77 | 142 | 123 | 120 | 118 | 125 | 149 | 151 | 168 | 202 | 221 | 216 | 199 | 192 | 173 | 178 | 175 | 171 | 163 | 166 | 168 | 123 | 154 |
| 22 | 106 | 125 | 130 | 130 | 166 | 147 | 168 | 154 | 173 | 171 | 192 | 221 | 255 | 243 | 247 | 283 | 233 | 96 | 147 | 154 | 149 | 125 | 171 | 175 | 173 |
| Q23 | 173 | 149 | 149 | 147 | 142 | 127 | 106 | 101 | 118 | 130 | 168 | 197 | 199 | 197 | 192 | 192 | 190 | 192 | 173 | 175 | 180 | 178 | 175 | 168 | 163 |
| 24 | 166 | 161 | 149 | 142 | 147 | 125 | 125 | 115 | 127 | 166 | 209 | 243 | 262 | 243 | 199 | 197 | 197 | 197 | 197 | 197 | 175 | 190 | 154 | 149 | 176 |
| Q25 | 118 | 101 | 82 | 101 | 103 | 106 | 113 | 123 | 149 | 175 | 214 | 231 | 226 | 204 | 187 | 173 | 173 | 163 | 183 | 139 | 168 | 173 | 173 | 175 | 156 |
| D26 | 171 | 154 | 151 | 147 | 139 | 127 | 127 | 147 | 180 | 279 | 279 | 298 | 245 | 317 | 223 | 298 | 247 | 173 | 199 | 168 | 151 | 10 | -43 | -122 | 169 |
| 27 | 5 | -43 | 48 | 77 | 99 | 82 | 79 | 99 | 130 | 154 | 173 | 175 | 171 | 154 | 151 | 166 | 173 | 178 | 175 | 173 | 161 | 154 | 151 | 149 | 126 |
| 28 | 149 | 161 | 161 | 137 | 130 | 113 | 106 | 103 | 123 | 130 | 154 | 195 | 199 | 190 | 180 | 178 | 171 | 151 | 125 | 175 | 175 | 130 | 123 | 89 | 148 |
| 29 | 111 | -595 | 125 | 125 | 125 | 125 | 125 | 125 | 130 | 149 | 175 | 238 | 269 | 247 | 233 | 219 | 207 | 216 | 221 | 202 | 180 | 173 | 137 | 130 | 141 |
| 30 | 142 | 67 | 77 | 89 | 106 | 118 | 118 | 118 | 125 | 147 | 178 | 219 | 223 | 219 | 211 | 199 | 197 | 202 | 226 | 233 | 154 | 166 | 175 | 166 | 161 |
| M | 115 | 71 | 92 | 91 | 108 | 126 | 130 | 113 | 137 | 172 | 203 | 234 | 239 | 232 | 210 | 199 | 184 | 180 | 189 | 192 | 180 | 160 | 159 | 132 | 160 |
| MQ | 142 | 128 | 122 | 124 | 123 | 113 | 101 | 104 | 132 | 160 | 200 | 223 | 217 | 205 | 192 | 179 | 176 | 179 | 184 | 175 | 177 | 174 | 161 | 162 | 161 |
| MD | 72 | 15 | -9 | 13 | 69 | 196 | 221 | 95 | 120 | 180 | 208 | 236 | 240 | 248 | 218 | 218 | 202 | 185 | 194 | 194 | 161 | 85 | 128 | 3 | 145 |
| OCTOBER | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAY | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
| 1 | 72 | 75 | 34 | 82 | 123 | 108 | 154 | 144 | 168 | 171 | 197 | 240 | 269 | 262 | 243 | 221 | 197 | 221 | 197 | 195 | 175 | 166 | 154 | 151 | 167 |
| 2 | 147 | 142 | 142 | 147 | 137 | 142 | 120 | 103 | 103 | 123 | 149 | 197 | 235 | 245 | 243 | 221 | 223 | 202 | 202 | 187 | 178 | 151 | 171 | 171 | 170 |
| 3 | 166 | 154 | 151 | 151 | 151 | 142 | 125 | 103 | 99 | 125 | 173 | 219 | 271 | 250 | 240 | 202 | 219 | 197 | 166 | 173 | 175 | 149 | 89 | 127 | 167 |
| Q 4 | 125 | 125 | 127 | 123 | 125 | 127 | 123 | 106 | 111 | 139 | 173 | 219 | 245 | 259 | 247 | 221 | 214 | 216 | 221 | 209 | 197 | 151 | 135 | 192 | 172 |
| Q 5 | 130 | 125 | 142 | 127 | 127 | 130 | 123 | 103 | 106 | 147 | 183 | 219 | 238 | 235 | 233 | 199 | 197 | 199 | 197 | 195 | 183 | 173 | 154 | 147 | 167 |
| 6 | 137 | 147 | 139 | 147 | 147 | 127 | 115 | 103 | 111 | 130 | 197 | 219 | 245 | 245 | 264 | 228 | 221 | 199 | 197 | 197 | 199 | 175 | 171 | 171 | 175 |
| 7 | 65 | 60 | 125 | 103 | 99 | 103 | 108 | 123 | 147 | 173 | 197 | 238 | 274 | 250 | 247 | 221 | 219 | 231 | 209 | 202 | 101 | 137 | 125 | 161 | 161 |
| 8 | 103 | 130 | 127 | 103 | 127 | 130 | 125 | 118 | 106 | 135 | 178 | 192 | 221 | 240 | 243 | 221 | 216 | 221 | 216 | 199 | 197 | 178 | 163 | 147 | 168 |
| 9 | 190 | 118 | 120 | 147 | 149 | 190 | 151 | 125 | 127 | 125 | 173 | 175 | 221 | 243 | 243 | 223 | 221 | 216 | 219 | 202 | 192 | 190 | 173 | 159 | 179 |
| 10 | 125 | 151 | 127 | 147 | 135 | 142 | 139 | 125 | 125 | 137 | 168 | 216 | 202 | 221 | 219 | 219 | 219 | 219 | 197 | 199 | 192 | 269 | 271 | 151 | 177 |
| 11 | 154 | 149 | 147 | 137 | 106 | 120 | 127 | 137 | 130 | 149 | 171 | 197 | 202 | 221 | 216 | 199 | 197 | 178 | 197 | 195 | 175 | 171 | 154 | 168 | 166 |
| 12 | 159 | 166 | 151 | 171 | 171 | 149 | 130 | 125 | 132 | 149 | 173 | 214 | 221 | 226 | 223 | 219 | 211 | 221 | 199 | 197 | 187 | 183 | 175 | 168 | 180 |
| Q13 | 144 | 151 | 151 | 147 | 142 | 127 | 125 | 125 | 130 | 154 | 190 | 199 | 209 | 207 | 199 | 197 | 183 | 178 | 175 | 171 | 173 | 171 | 171 | 163 | |
| Q14 | 154 | 151 | 149 | 147 | 147 | 142 | 139 | 130 | 130 | 137 | 161 | 173 | 221 | 216 | 197 | 197 | 195 | 192 | 175 | 171 | 173 | 178 | 168 | 166 | 167 |
| Q15 | 151 | 147 | 137 | 130 | 130 | 144 | 137 | 127 | 125</ | | | | | | | | | | | | | | | | |

DOMBÅS 1989
NOVEMBERDECLINATION. D = 2° W + TABULAR VALUES EXPRESSED IN TENIHS OF MINUTES
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| 1 | 142 | 127 | 156 | 151 | 149 | 144 | 139 | 120 | 111 | 147 | 171 | 192 | 211 | 214 | 199 | 180 | 202 | 187 | 173 | 149 | 144 | 103 | 77 | 99 | 154 |
| 2 | 130 | -43 | 48 | 103 | 125 | 127 | 132 | 127 | 130 | 149 | 173 | 192 | 202 | 214 | 211 | 202 | 219 | 247 | 250 | 202 | 147 | 149 | 127 | 127 | 154 |
| 3 | 72 | 82 | 123 | 82 | 127 | 103 | 106 | 103 | 187 | 163 | 173 | 197 | 303 | 247 | 293 | 271 | 271 | 245 | 202 | 173 | 87 | 106 | 108 | 130 | 165 |
| D 4 | 127 | 125 | 137 | 142 | 142 | 120 | 120 | 103 | 130 | 149 | 199 | 219 | 223 | 269 | 264 | 245 | 271 | 219 | 151 | 142 | 156 | 130 | 168 | 175 | 172 |
| 5 | 48 | 125 | 106 | 106 | 106 | 111 | 127 | 108 | 120 | 130 | 137 | 173 | 197 | 202 | 197 | 187 | 197 | 199 | 180 | 130 | 173 | 5 | 58 | 106 | 134 |
| 6 | 96 | 101 | 125 | 123 | 127 | 130 | 130 | 125 | 127 | 147 | 171 | 202 | 197 | 197 | 197 | 192 | 190 | 175 | 195 | 190 | 149 | 144 | 130 | 103 | 153 |
| 7 | -14 | 7 | 51 | 89 | 142 | 125 | 147 | 171 | 173 | 173 | 173 | 226 | 269 | 262 | 216 | 175 | 171 | 166 | 149 | 151 | 130 | 72 | 101 | 125 | 144 |
| 8 | 125 | 137 | 127 | 115 | 120 | 127 | 125 | 115 | 106 | 101 | 130 | 173 | 214 | 231 | 245 | 216 | 264 | 214 | 216 | 151 | 147 | 151 | 149 | 149 | 160 |
| 9 | 154 | 137 | 48 | -21 | 103 | 108 | 101 | 103 | 120 | 137 | 175 | 197 | 221 | 207 | 197 | 202 | 269 | 192 | 149 | 173 | 190 | 123 | 99 | 123 | 146 |
| 10 | 147 | 147 | 142 | 127 | 113 | 127 | 125 | 103 | 130 | 161 | 168 | 197 | 197 | 197 | 192 | 197 | 190 | 175 | 166 | 159 | 151 | 149 | 144 | 154 | |
| 11 | 144 | 130 | 144 | 151 | 130 | 130 | 130 | 125 | 125 | 130 | 156 | 168 | 190 | 192 | 214 | 207 | 240 | 271 | 274 | 168 | 171 | 190 | 151 | 106 | 168 |
| 12 | 89 | 142 | 147 | 151 | 147 | 149 | 142 | 130 | 142 | 154 | 171 | 192 | 195 | 192 | 175 | 171 | 168 | 168 | 173 | 163 | 163 | 151 | 151 | 166 | 158 |
| DL3 | 151 | 149 | 82 | 168 | 149 | 199 | 245 | 123 | 115 | 125 | 142 | 197 | 197 | 269 | 221 | 293 | 634 | 490 | 303 | 173 | 147 | 101 | -163 | -48 | 186 |
| 14 | 22 | 82 | 53 | 111 | 103 | 106 | 111 | 103 | 130 | 125 | 130 | 151 | 166 | 171 | 173 | 168 | 154 | 144 | 151 | 149 | 161 | 144 | 171 | 99 | 128 |
| Q15 | 120 | 195 | 151 | 130 | 130 | 125 | 123 | 108 | 120 | 127 | 151 | 178 | 190 | 178 | 178 | 168 | 173 | 175 | 168 | 161 | 154 | 151 | 149 | 149 | 152 |
| Q16 | 147 | 147 | 149 | 151 | 151 | 149 | 139 | 125 | 123 | 142 | 163 | 195 | 216 | 214 | 197 | 178 | 192 | 178 | 178 | 175 | 171 | 130 | 120 | 130 | 161 |
| D17 | 101 | 53 | 108 | 125 | 106 | 108 | 151 | 144 | 103 | 72 | 53 | 72 | 216 | 370 | 139 | 48 | 214 | 912 | 490 | 312 | 173 | -228 | -571 | -19 | 136 |
| DL8 | -408 | -211 | -211 | -216 | -86 | 51 | 149 | 101 | 82 | 77 | 99 | 103 | 125 | 127 | 111 | 111 | 144 | 137 | 125 | 106 | 91 | 79 | 118 | 125 | 39 |
| 19 | 137 | 149 | 149 | 147 | 130 | 127 | 127 | 123 | 125 | 125 | 147 | 151 | 173 | 178 | 168 | 144 | 149 | 151 | 94 | 149 | 113 | 82 | 123 | 75 | 135 |
| 20 | 115 | 139 | 127 | 149 | 144 | 118 | 106 | 106 | 127 | 144 | 178 | 190 | 192 | 197 | 192 | 190 | 197 | 173 | 173 | 106 | 94 | 72 | 77 | 143 | |
| 21 | 77 | 17 | 77 | 101 | 101 | 123 | 127 | 151 | 130 | 127 | 168 | 175 | 173 | 197 | 173 | 178 | 171 | 168 | 161 | 154 | 151 | 149 | 149 | 151 | 140 |
| Q22 | 151 | 151 | 151 | 151 | 149 | 149 | 142 | 142 | 139 | 144 | 154 | 168 | 175 | 195 | 197 | 197 | 226 | 221 | 178 | 151 | 125 | 125 | 99 | 115 | 158 |
| Q23 | 103 | 106 | 101 | 147 | 149 | 149 | 147 | 130 | 130 | 149 | 159 | 168 | 192 | 195 | 192 | 178 | 173 | 175 | 175 | 171 | 173 | 151 | 149 | 149 | 155 |
| 24 | 142 | 123 | 123 | 130 | 144 | 147 | 149 | 144 | 144 | 154 | 190 | 195 | 199 | 238 | 243 | 197 | 195 | 175 | 154 | 139 | 149 | 118 | 123 | 151 | 161 |
| Q25 | 168 | 168 | 168 | 166 | 151 | 149 | 147 | 147 | 151 | 173 | 195 | 214 | 199 | 190 | 183 | 178 | 183 | 175 | 173 | 171 | 168 | 166 | 166 | 171 | |
| 26 | 154 | 151 | 151 | 151 | 149 | 149 | 149 | 154 | 163 | 168 | 178 | 197 | 221 | 223 | 226 | 245 | 274 | 363 | 358 | 197 | 154 | 159 | 147 | 142 | 193 |
| 27 | 99 | 103 | 111 | 144 | 125 | 132 | 125 | 130 | 135 | 151 | 173 | 202 | 197 | 219 | 247 | 202 | 197 | 211 | 185 | 139 | 168 | 151 | 123 | -19 | 152 |
| D28 | -43 | 70 | 70 | 77 | 125 | 144 | 125 | 118 | 130 | 149 | 151 | 192 | 173 | 180 | 197 | 197 | 185 | 223 | 223 | 175 | 243 | 166 | 149 | 175 | 183 |
| 29 | 149 | 115 | 120 | 103 | 123 | 125 | 127 | 127 | 127 | 149 | 178 | 195 | 197 | 195 | 202 | 156 | 269 | 288 | 192 | 245 | 77 | 43 | 103 | 31 | 152 |
| 30 | 101 | -43 | 48 | 48 | 60 | 123 | 115 | 120 | 120 | 147 | 173 | 178 | 209 | 223 | 216 | 223 | 228 | 257 | 149 | 171 | 171 | 166 | 120 | 219 | 148 |
| M | 92 | 96 | 103 | 110 | 122 | 129 | 134 | 125 | 128 | 137 | 157 | 180 | 201 | 213 | 202 | 190 | 220 | 237 | 196 | 171 | 148 | 114 | 95 | 114 | 151 |
| MQ | 138 | 153 | 144 | 149 | 149 | 145 | 140 | 130 | 132 | 143 | 160 | 181 | 197 | 196 | 191 | 181 | 188 | 186 | 175 | 166 | 159 | 145 | 137 | 142 | 159 |
| MD | -13 | 37 | 37 | 59 | 87 | 125 | 158 | 118 | 112 | 114 | 129 | 157 | 187 | 243 | 186 | 179 | 290 | 396 | 249 | 195 | 147 | 46 | -54 | 83 | 136 |

DECEMBER

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| D 1 | -19 | 29 | 125 | 101 | 144 | 142 | 125 | 120 | 118 | 144 | 151 | 173 | 190 | 202 | 199 | 202 | 192 | 259 | 360 | 341 | 250 | 149 | 171 | 77 | 164 |
| 2 | 53 | 72 | 103 | 96 | 149 | 103 | 130 | 103 | 123 | 123 | 149 | 151 | 180 | 175 | 178 | 175 | 154 | 159 | 151 | 151 | 125 | 72 | 3 | 89 | 124 |
| 3 | 99 | 130 | 103 | 130 | 149 | 154 | 173 | 142 | 108 | 125 | 125 | 130 | 175 | 190 | 195 | 166 | 197 | 173 | 137 | 103 | 51 | -50 | -139 | -146 | 109 |
| D 4 | 77 | -62 | 12 | -17 | -115 | 77 | 94 | 106 | 106 | 118 | 130 | 168 | 202 | 204 | 190 | 171 | 192 | 223 | 130 | 103 | 34 | 94 | -41 | -7 | 91 |
| 5 | -151 | -139 | -5 | 60 | 125 | 127 | 120 | 115 | 108 | 130 | 127 | 151 | 168 | 171 | 166 | 171 | 168 | 168 | 149 | 111 | 89 | 106 | 125 | 96 | 102 |
| Q 6 | 96 | 125 | 132 | 135 | 135 | 127 | 127 | 127 | 130 | 144 | 159 | 171 | 185 | 195 | 199 | 183 | 178 | 190 | 127 | 127 | 115 | 125 | 144 | 149 | 147 |
| 7 | 103 | 103 | 120 | 130 | 127 | 125 | 142 | 127 | 130 | 149 | 159 | 154 | 192 | 192 | 204 | 197 | 190 | 228 | 221 | 221 | 199 | 147 | 144 | 147 | 160 |
| 8 | 149 | 147 | 147 | 144 | 147 | 147 | 132 | 130 | 139 | 149 | 171 | 173 | 197 | 202 | 197 | 171 | 180 | 180 | 171 | 159 | 149 | 151 | 135 | 139 | 158 |
| Q 9 | 144 | 130 | 139 | 144 | 130 | 139 | 127 | 127 | 127 | 130 | 149 | 171 | 187 | 192 | 187 | 175 | 175 | 175 | 168 | 163 | 168 | 151 | 154 | 151 | 154 |
| Q10 | 156 | 151 | 154 | 149 | 147 | 144 | 147 | 144 | 144 | 147 | 151 | 168 | 173 | 190 | 192 | 190 | 180 | 178 | 175 | 175 | 171 | 168 | 166 | 166 | 164 |
| Q11 | 156 | 154 | 156 | 166 | 154 | 151 | 151 | 149 | 144 | 144 | 168 | 192 | 187 | 186 | 166 | 166 | 166 | 168 | 166 | 120 | 101 | 106 | 118 | 155 | |
| 12 | 142 | 154 | 171 | 159 | 163 | 161 | 149 | 151 | 171 | 173 | 173 | 178 | 190 | 195 | 195 | 173 | 173 | 175 | 175 | 173 | 130 | 29 | 43 | 106 | 154 |
| 13 | 123 | 106 | 103 | 144 | 156 | 147 | 144 | 139 | 144 | 147 | 147 | 149 | 168 | 171 | 159 | 146 | 166 | 175 | 204 | 173 | 154 | 154 | 154 | 151 | 153 |
| 14 | 151 | 151 | 151 | 154 | 149 | 149 | 149 | 149 | 149 | 151 | 161 | 209 | 207 | 233 | 245 | 211 | 127 | 192 | 149 | 147 | 77 | 60 | 125 | 142 | 158 |
| 15 | 130 | 197 | 120 | 115 | 147 | 161 | 149 | 147 | 149 | 149 | 166 | 173</td | | | | | | | | | | | | | |

DOMBÅS 1989
JANUARYHORIZONTAL INTENSITY H = 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES.

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Q 1 | 620 | 618 | 620 | 618 | 616 | 603 | 612 | 612 | 610 | 603 | 602 | 611 | 603 | 606 | 618 | 615 | 612 | 613 | 620 | 614 | 623 | 618 | 622 | 621 | 614 |
| Q 2 | 620 | 620 | 620 | 625 | 627 | 621 | 621 | 625 | 620 | 611 | 607 | 606 | 609 | 608 | 620 | 623 | 623 | 622 | 619 | 612 | 618 | 612 | 623 | 628 | 618 |
| Q 3 | 628 | 627 | 627 | 629 | 629 | 628 | 628 | 629 | 632 | 620 | 618 | 612 | 613 | 621 | 627 | 628 | 626 | 628 | 627 | 627 | 629 | 628 | 628 | 625 | 626 |
| Q 4 | 620 | 621 | 624 | 623 | 624 | 628 | 630 | 627 | 620 | 620 | 618 | 627 | 630 | 631 | 631 | 630 | 631 | 632 | 637 | 637 | 632 | 631 | 645 | 628 | 628 |
| D 5 | 640 | 612 | 631 | 585 | 551 | 632 | 608 | 574 | 587 | 603 | 608 | 597 | 594 | 606 | 610 | 615 | 870 | 642 | 747 | 663 | 614 | 608 | 602 | 598 | 625 |
| Q 6 | 612 | 607 | 612 | 611 | 611 | 612 | 612 | 604 | 605 | 603 | 594 | 595 | 594 | 595 | 602 | 605 | 610 | 612 | 615 | 618 | 619 | 621 | 618 | 621 | 609 |
| 7 | 620 | 627 | 629 | 630 | 630 | 631 | 629 | 627 | 621 | 614 | 610 | 603 | 606 | 601 | 611 | 615 | 617 | 610 | 624 | 626 | 628 | 636 | 623 | 628 | 621 |
| 8 | 621 | 621 | 624 | 623 | 631 | 633 | 638 | 639 | 629 | 621 | 621 | 622 | 630 | 614 | 630 | 642 | 630 | 637 | 645 | 631 | 620 | 596 | 625 | 627 | 627 |
| 9 | 614 | 610 | 604 | 606 | 605 | 612 | 615 | 615 | 612 | 605 | 595 | 587 | 602 | 620 | 612 | 615 | 614 | 613 | 614 | 614 | 621 | 623 | 613 | 619 | 611 |
| 10 | 608 | 612 | 612 | 614 | 612 | 612 | 618 | 612 | 605 | 603 | 606 | 601 | 596 | 606 | 612 | 614 | 619 | 618 | 625 | 629 | 633 | 624 | 622 | 620 | 614 |
| D11 | 620 | 624 | 620 | 620 | 622 | 623 | 624 | 622 | 613 | 606 | 597 | 595 | 610 | 619 | 628 | 655 | 637 | 766 | 814 | 700 | 569 | 584 | 414 | 371 | 615 |
| 12 | 671 | 647 | 534 | 522 | 579 | 593 | 594 | 589 | 590 | 594 | 588 | 590 | 590 | 594 | 594 | 594 | 591 | 589 | 601 | 606 | 611 | 616 | 612 | 612 | 596 |
| 13 | 610 | 611 | 611 | 612 | 612 | 614 | 614 | 612 | 604 | 594 | 584 | 585 | 585 | 601 | 611 | 656 | 655 | 661 | 672 | 631 | 618 | 631 | 627 | 627 | 618 |
| 14 | 612 | 610 | 608 | 604 | 602 | 605 | 611 | 602 | 597 | 596 | 596 | 593 | 595 | 606 | 607 | 612 | 619 | 611 | 608 | 612 | 629 | 619 | 536 | 558 | 602 |
| D15 | 511 | 526 | 612 | 606 | 602 | 596 | 608 | 605 | 605 | 594 | 581 | 585 | 600 | 613 | 619 | 709 | 707 | 732 | 644 | 649 | 481 | 474 | 524 | 421 | 592 |
| D16 | 422 | 606 | 603 | 594 | 574 | 563 | 524 | 551 | 549 | 563 | 577 | 579 | 576 | 588 | 605 | 612 | 625 | 627 | 670 | 596 | 581 | 455 | 422 | 464 | 564 |
| 17 | 498 | 517 | 590 | 595 | 619 | 608 | 617 | 596 | 610 | 593 | 569 | 589 | 586 | 594 | 608 | 606 | 630 | 655 | 672 | 690 | 601 | 612 | 612 | 605 | 603 |
| 18 | 637 | 525 | 584 | 603 | 603 | 606 | 612 | 612 | 597 | 577 | 578 | 579 | 585 | 604 | 606 | 606 | 611 | 612 | 619 | 627 | 623 | 613 | 612 | 613 | 602 |
| Q19 | 613 | 619 | 625 | 620 | 619 | 618 | 627 | 622 | 612 | 605 | 595 | 595 | 596 | 603 | 610 | 618 | 620 | 618 | 620 | 620 | 621 | 621 | 621 | 615 | |
| D20 | 627 | 620 | 620 | 631 | 631 | 640 | 642 | 631 | 621 | 612 | 613 | 613 | 631 | 667 | 688 | 902 | 732 | 692 | 689 | 717 | 620 | 562 | 483 | 553 | 643 |
| 21 | 577 | 491 | 510 | 575 | 601 | 606 | 602 | 601 | 595 | 584 | 582 | 576 | 585 | 579 | 618 | 649 | 620 | 655 | 629 | 603 | 585 | 543 | 579 | 593 | 589 |
| 22 | 572 | 526 | 579 | 606 | 612 | 575 | 611 | 620 | 610 | 600 | 593 | 594 | 612 | 612 | 612 | 616 | 616 | 617 | 611 | 620 | 612 | 618 | 595 | 591 | 601 |
| 23 | 588 | 610 | 591 | 606 | 627 | 623 | 627 | 605 | 588 | 594 | 593 | 594 | 595 | 603 | 610 | 612 | 613 | 612 | 610 | 618 | 620 | 614 | 608 | 607 | 607 |
| 24 | 624 | 621 | 613 | 618 | 619 | 625 | 627 | 622 | 612 | 608 | 603 | 600 | 594 | 604 | 612 | 620 | 606 | 605 | 612 | 621 | 620 | 621 | 631 | 620 | 615 |
| 25 | 620 | 620 | 620 | 618 | 622 | 627 | 622 | 627 | 618 | 610 | 597 | 596 | 588 | 603 | 612 | 620 | 623 | 629 | 610 | 618 | 629 | 629 | 620 | 631 | 617 |
| M | 605 | 602 | 608 | 611 | 614 | 617 | 618 | 614 | 609 | 603 | 598 | 597 | 600 | 609 | 616 | 632 | 637 | 638 | 646 | 631 | 614 | 598 | 581 | 591 | 612 |
| MQ | 619 | 619 | 622 | 622 | 622 | 622 | 623 | 621 | 618 | 612 | 607 | 605 | 608 | 611 | 618 | 621 | 621 | 622 | 623 | 623 | 625 | 623 | 624 | 628 | 619 |
| MD | 564 | 598 | 617 | 607 | 597 | 611 | 601 | 596 | 595 | 596 | 595 | 594 | 602 | 619 | 630 | 699 | 714 | 692 | 713 | 665 | 573 | 537 | 489 | 481 | 608 |

FEBRUARY

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|------|-----|
| D 1 | 529 | 558 | 569 | 553 | 612 | 616 | 615 | 613 | 608 | 601 | 594 | 594 | 612 | 637 | 602 | 612 | 617 | 616 | 621 | 621 | 607 | 532 | 468 | 569 | 591 |
| 2 | 572 | 510 | 548 | 591 | 612 | 612 | 614 | 525 | 604 | 594 | 585 | 586 | 594 | 606 | 611 | 618 | 620 | 627 | 656 | 672 | 508 | 440 | 534 | 618 | 586 |
| D 3 | 600 | 547 | 465 | 508 | 563 | 594 | 604 | 604 | 606 | 605 | 603 | 604 | 602 | 623 | 655 | 629 | 646 | 692 | 644 | 633 | 612 | 629 | 555 | 603 | 601 |
| D 4 | 597 | 586 | 569 | 579 | 594 | 601 | 611 | 618 | 613 | 606 | 588 | 603 | 612 | 610 | 611 | 612 | 618 | 620 | 620 | 629 | 629 | 597 | 575 | 585 | 603 |
| 5 | 589 | 586 | 572 | 610 | 614 | 616 | 610 | 620 | 618 | 605 | 603 | 593 | 597 | 610 | 612 | 622 | 630 | 611 | 620 | 613 | 597 | 612 | 563 | 568 | 604 |
| D 6 | 544 | 532 | 556 | 603 | 617 | 611 | 603 | 620 | 614 | 595 | 589 | 602 | 602 | 618 | 638 | 628 | 607 | 618 | 622 | 620 | 612 | 610 | 609 | 611 | 603 |
| D 7 | 577 | 584 | 603 | 594 | 620 | 613 | 612 | 594 | 591 | 592 | 594 | 601 | 602 | 622 | 635 | 646 | 624 | 637 | 620 | 629 | 637 | 612 | 627 | 606 | 611 |
| 8 | 588 | 574 | 597 | 618 | 618 | 610 | 614 | 614 | 610 | 603 | 594 | 588 | 588 | 595 | 603 | 606 | 616 | 616 | 620 | 628 | 630 | 623 | 618 | 606 | 608 |
| 9 | 558 | 588 | 612 | 609 | 612 | 627 | 628 | 617 | 618 | 603 | 596 | 595 | 588 | 593 | 608 | 612 | 621 | 620 | 625 | 630 | 600 | 612 | 599 | 570 | 606 |
| 10 | 537 | 574 | 603 | 605 | 612 | 612 | 619 | 622 | 618 | 612 | 600 | 602 | 595 | 603 | 601 | 608 | 614 | 620 | 627 | 627 | 627 | 627 | 628 | 628 | 609 |
| 11 | 629 | 628 | 626 | 628 | 629 | 631 | 631 | 627 | 618 | 605 | 594 | 601 | 594 | 608 | 611 | 623 | 637 | 649 | 606 | 620 | 629 | 630 | 619 | 619 | 619 |
| 12 | 612 | 606 | 612 | 616 | 612 | 614 | 619 | 615 | 618 | 618 | 612 | 601 | 594 | 594 | 595 | 612 | 618 | 620 | 623 | 655 | 605 | 637 | 612 | 556 | 570 |
| 13 | 569 | 581 | 605 | 613 | 608 | 620 | 620 | 620 | 610 | 614 | 614 | 608 | 591 | 586 | 593 | 610 | 619 | 631 | 651 | 619 | 627 | 627 | 628 | 620 | 610 |
| 14 | 612 | 603 | 612 | 600 | 594 | 605 | 607 | 607 | 600 | 588 | 579 | 576 | 586 | 595 | 613 | 626 | 615 | 612 | 619 | 619 | 619 | 621 | 622 | 621 | 606 |
| 15 | 621 | 621 | 620 | 620 | 627 | 628 | 628 | 619 | 614 | 606 | 594 | 591 | 594 | 600 | 612 | 630 | 636 | 638 | 639 | 600 | 628 | 655 | 603 | 584 | 617 |
| 16 | 556 | 559 | 526 | 595 | 610 | 620 | 629 | 621 | 612 | 597 | 586 | 587 | 575 | 575 | 588 | 595 | 605 | 611 | 614 | 622 | 621 | 620 | 618 | 606 | 622 |
| Q17 | 621 | 621 | 621 | 628 | 627 | 628 | 628 | 627 | 612 | 603 | 595 | 594 | 601 | 611 | 617 | 614 | 615 | 620 | 623 | 628 | 629 | 631 | 631 | 631 | 619 |
| 18 | 630 | 630 | 631 | 635 | 635 | 634 | 636 | 626 | 618 | 607 | 602 | 601 | 610 | 623 | 620 | 621 | 637 | 622 | 613 | 623 | 623 | 625 | 629 | 628 | 623 |
| 19 | 629 | 627 | 628 | 629 | 635 | 631 | 631 | 629 | 612 | 603 | 606 | 610 | 614 | 623 | 627 | 629 | 619 | 619 | 631 | 636 | 636 | 628</td | | | |

DOMBÅS 1989
MARCHHORIZONTAL INTENSITY H = 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| Q 1 | 611 | 619 | 612 | 613 | 628 | 628 | 629 | 622 | 612 | 601 | 601 | 600 | 593 | 618 | 623 | 618 | 622 | 638 | 638 | 636 | 634 | 628 | 621 | | |
| 2 | 619 | 628 | 635 | 620 | 600 | 621 | 611 | 613 | 602 | 587 | 585 | 569 | 610 | 629 | 637 | 627 | 602 | 605 | 628 | 620 | 611 | 607 | 593 | 606 | |
| 3 | 611 | 585 | 603 | 567 | 601 | 602 | 628 | 576 | 542 | 559 | 592 | 588 | 618 | 671 | 722 | 746 | 710 | 697 | 676 | 589 | 602 | 594 | 596 | 594 | |
| Q 4 | 596 | 611 | 604 | 605 | 602 | 605 | 605 | 609 | 605 | 595 | 609 | 602 | 626 | 636 | 619 | 620 | 618 | 609 | 614 | 616 | 619 | 619 | 619 | 612 | |
| 5 | 622 | 622 | 617 | 609 | 630 | 620 | 604 | 585 | 585 | 602 | 605 | 617 | 600 | 630 | 663 | 619 | 609 | 619 | 622 | 630 | 619 | 617 | 636 | 622 | |
| 6 | 607 | 585 | 593 | 619 | 620 | 624 | 619 | 611 | 602 | 593 | 595 | 613 | 610 | 630 | 634 | 604 | 622 | 615 | 630 | 622 | 616 | 609 | 612 | 599 | |
| 7 | 607 | 602 | 605 | 613 | 587 | 613 | 613 | 611 | 593 | 585 | 586 | 583 | 596 | 611 | 621 | 617 | 618 | 630 | 627 | 623 | 623 | 624 | 635 | 628 | |
| 8 | 620 | 620 | 620 | 619 | 621 | 620 | 619 | 620 | 610 | 602 | 590 | 590 | 594 | 604 | 611 | 618 | 619 | 626 | 652 | 686 | 774 | 671 | 378 | 464 | |
| 9 | 327 | 383 | 593 | 587 | 510 | 549 | 583 | 592 | 587 | 601 | 596 | 593 | 617 | 650 | 645 | 610 | 666 | 670 | 659 | 645 | 585 | 551 | 587 | 501 | |
| 10 | 537 | 542 | 576 | 542 | 568 | 591 | 593 | 604 | 596 | 593 | 594 | 609 | 605 | 617 | 630 | 643 | 644 | 621 | 626 | 632 | 627 | 622 | 611 | 601 | |
| 11 | 605 | 617 | 620 | 622 | 622 | 618 | 628 | 618 | 607 | 593 | 584 | 603 | 605 | 609 | 611 | 624 | 637 | 632 | 636 | 621 | 568 | 585 | 514 | 609 | |
| 12 | 347 | 519 | 623 | 638 | 620 | 626 | 622 | 617 | 611 | 595 | 587 | 587 | 579 | 588 | 605 | 636 | 680 | 688 | 731 | 644 | 630 | 619 | 619 | 607 | |
| D13 | 595 | 807 | 344 | 292 | 73 | 303 | 451 | 471 | 318 | 623 | 536 | 630 | 731 | 823 | 113 | 512 | 288 | 998 | 624 | 628 | 537 | -26 | -267 | -430 | -189 |
| D14 | -361 | -26 | -17 | 254 | -26 | 193 | 404 | 400 | 636 | 652 | 621 | 628 | 624 | 630 | 624 | 602 | 592 | 708 | 827 | 542 | 456 | 361 | 133 | 430 | 412 |
| 15 | 391 | 378 | 454 | 482 | 578 | 609 | 609 | 602 | 583 | 581 | 604 | 587 | 612 | 657 | 667 | 666 | 712 | 654 | 619 | 606 | 602 | 603 | 599 | 603 | |
| D16 | 601 | 603 | 602 | 602 | 602 | 604 | 625 | 618 | 566 | 568 | 593 | 699 | 679 | 619 | 576 | 602 | 679 | 636 | 581 | 618 | 593 | 585 | 551 | 482 | 604 |
| 17 | 377 | 499 | 531 | 510 | 544 | 549 | 516 | 507 | 514 | 556 | 619 | 619 | 671 | 697 | 673 | 663 | 722 | 671 | 645 | 615 | 593 | 590 | 599 | 608 | 587 |
| Q18 | 605 | 603 | 600 | 596 | 605 | 605 | 600 | 593 | 583 | 576 | 576 | 585 | 601 | 623 | 691 | 775 | 705 | 636 | 603 | 602 | 596 | 603 | 604 | 602 | 615 |
| 19 | 602 | 599 | 599 | 605 | 611 | 611 | 547 | 561 | 587 | 614 | 593 | 613 | 611 | 980 | 824 | 879 | 827 | 731 | 710 | 617 | 587 | 571 | 583 | 602 | 653 |
| Q20 | 597 | 593 | 585 | 572 | 574 | 596 | 593 | 593 | 587 | 585 | 575 | 576 | 576 | 580 | 613 | 621 | 635 | 623 | 627 | 620 | 616 | 612 | 619 | 594 | 599 |
| 21 | 587 | 533 | 587 | 621 | 617 | 609 | 591 | 594 | 602 | 592 | 580 | 561 | 559 | 593 | 590 | 585 | 600 | 605 | 634 | 623 | 628 | 611 | 584 | 605 | 595 |
| 22 | 587 | 585 | 609 | 613 | 621 | 605 | 572 | 585 | 585 | 584 | 577 | 574 | 561 | 579 | 669 | 643 | 613 | 600 | 660 | 651 | 421 | 374 | 155 | 415 | 560 |
| 23 | 523 | 610 | 611 | 613 | 617 | 611 | 617 | 611 | 602 | 602 | 583 | 579 | 595 | 655 | 808 | 807 | 946 | 896 | 646 | 611 | 583 | 568 | 571 | 552 | 642 |
| 24 | 555 | 585 | 482 | 516 | 571 | 604 | 610 | 602 | 575 | 576 | 581 | 584 | 593 | 599 | 597 | 602 | 612 | 612 | 619 | 620 | 621 | 621 | 619 | 622 | 591 |
| Q25 | 623 | 620 | 620 | 621 | 621 | 626 | 625 | 613 | 601 | 585 | 567 | 566 | 581 | 595 | 619 | 636 | 634 | 653 | 682 | 704 | 704 | 697 | 606 | 605 | 625 |
| 26 | 614 | 608 | 587 | 600 | 621 | 627 | 626 | 615 | 607 | 587 | 594 | 593 | 593 | 568 | 593 | 618 | 617 | 615 | 636 | 628 | 633 | 636 | 643 | 654 | 613 |
| 27 | 636 | 646 | 647 | 644 | 646 | 648 | 648 | 645 | 616 | 601 | 593 | 602 | 598 | 599 | 617 | 731 | 779 | 714 | 725 | 682 | 579 | 451 | 327 | 531 | 621 |
| 28 | 519 | 602 | 617 | 616 | 611 | 612 | 605 | 609 | 593 | 586 | 609 | 583 | 550 | 653 | 722 | 669 | 673 | 638 | 662 | 658 | 617 | 635 | 646 | 622 | 621 |
| D29 | 456 | 99 | 353 | 463 | 559 | 577 | 578 | 568 | 550 | 598 | 581 | 605 | 609 | 648 | 604 | 783 | 764 | 705 | 695 | 439 | 363 | 353 | 413 | 531 | 537 |
| 30 | 556 | 537 | 525 | 525 | 465 | 571 | 596 | 550 | 566 | 592 | 585 | 612 | 619 | 622 | 609 | 619 | 607 | 645 | 679 | 627 | 619 | 554 | 423 | 461 | 574 |
| D31 | 516 | 408 | 391 | 391 | 559 | 571 | 566 | 579 | 573 | 586 | 580 | 607 | 722 | 756 | 765 | 693 | 728 | 715 | 645 | 629 | 513 | 508 | 365 | 550 | 580 |
| M | 525 | 543 | 549 | 561 | 557 | 582 | 591 | 587 | 581 | 592 | 589 | 598 | 611 | 644 | 665 | 679 | 680 | 657 | 653 | 620 | 576 | 549 | 507 | 544 | 593 |
| MQ | 606 | 609 | 604 | 601 | 606 | 612 | 610 | 606 | 598 | 588 | 586 | 586 | 596 | 611 | 633 | 654 | 643 | 632 | 633 | 637 | 635 | 633 | 616 | 610 | 614 |
| MD | 361 | 378 | 335 | 400 | 353 | 450 | 525 | 527 | 529 | 605 | 582 | 634 | 673 | 695 | 741 | 794 | 752 | 678 | 675 | 553 | 380 | 308 | 207 | 361 | 521 |

APRIL

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| D 1 | 580 | 439 | 450 | 544 | 579 | 546 | 550 | 569 | 590 | 610 | 611 | 602 | 602 | 636 | 679 | 661 | 685 | 662 | 648 | 551 | 595 | 540 | 560 | 593 | 587 |
| 2 | 599 | 601 | 573 | 547 | 587 | 613 | 619 | 609 | 600 | 587 | 576 | 595 | 647 | 602 | 662 | 714 | 647 | 678 | 641 | 619 | 622 | 629 | 619 | 617 | |
| 3 | 592 | 552 | 579 | 619 | 618 | 613 | 611 | 609 | 594 | 588 | 579 | 576 | 600 | 612 | 645 | 628 | 606 | 622 | 639 | 632 | 605 | 581 | 562 | 415 | |
| D 4 | 490 | 488 | 473 | 592 | 611 | 619 | 611 | 568 | 552 | 583 | 589 | 600 | 576 | 611 | 601 | 688 | 734 | 748 | 647 | 611 | 619 | 567 | 488 | 413 | |
| D 5 | 391 | 194 | 341 | 576 | 599 | 619 | 596 | 538 | 542 | 583 | 638 | 634 | 619 | 646 | 686 | 628 | 624 | 645 | 636 | 617 | 577 | 617 | 602 | 559 | |
| 6 | 582 | 557 | 547 | 607 | 619 | 621 | 617 | 613 | 599 | 593 | 582 | 587 | 604 | 617 | 639 | 630 | 631 | 621 | 628 | 637 | 626 | 614 | 617 | 619 | |
| 7 | 620 | 619 | 619 | 617 | 617 | 618 | 577 | 558 | 542 | 551 | 576 | 614 | 645 | 678 | 706 | 803 | 799 | 813 | 691 | 517 | 588 | 603 | 595 | 568 | |
| 8 | 550 | 559 | 514 | 599 | 611 | 603 | 593 | 576 | 568 | 589 | 601 | 582 | 593 | 603 | 593 | 628 | 676 | 671 | 667 | 627 | 624 | 630 | 619 | 611 | |
| 9 | 585 | 556 | 593 | 611 | 613 | 611 | 610 | 595 | 591 | 584 | 578 | 565 | 568 | 578 | 599 | 616 | 662 | 611 | 667 | 648 | 611 | 605 | 594 | 611 | |
| Q10 | 611 | 618 | 613 | 615 | 618 | 623 | 621 | 612 | 604 | 583 | 581 | 595 | 571 | 594 | 611 | 654 | 642 | 646 | 648 | 642 | 635 | 633 | 630 | 617 | |
| 11 | 620 | 619 | 624 | 621 | 618 | 624 | 627 | 620 | 603 | 584 | 568 | 566 | 585 | 602 | 651 | 695 | 677 | 643 | 644 | 644 | 652 | 654 | 648 | 645 | |
| Q12 | 641 | 638 | 638 | 637 | 635 | 638 | 635 | 620 | 611 | 594 | 583 | 583 | 589 | 603 | 617 | 626 | 645 | 645 | 652 | 650 | 647 | 645 | 642 | 627 | |
| 13 | 637 | 636 | 630 | 636 | 636 | 626 | 590 | 591 | 578 | 579 | 571 | 567 | 576 | 623 | 630 | 630 | 628 | 653 | 639 | 631 | 626 | 627 | 627 | 616 | |
| 14 | 601 | 609 | 630 | 635 | 644 | 645 | 635 | 618 | 590 | 575 | 566 | 568 | 581 | 602 | 593 | 615 | 628 | 635 | 691 | 697 | 592 | 439 | 3 | | |

DOMBÅS 1989
MAYHORIZONTAL INTENSITY H = 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 694 | 712 | 714 | 714 | 714 | 715 | 707 | 711 | 713 | 705 | 696 | 686 | 677 | 672 | 668 | 665 | 668 | 696 | 663 | 654 | 638 | 627 | 586 | 577 | 678 |
| 2 | 539 | 568 | 549 | 586 | 601 | 599 | 586 | 575 | 573 | 575 | 568 | 588 | 592 | 634 | 658 | 672 | 651 | 694 | 695 | 678 | 635 | 617 | 601 | 606 | 610 |
| 3 | 582 | 594 | 592 | 611 | 618 | 605 | 613 | 623 | 616 | 601 | 601 | 586 | 604 | 608 | 610 | 627 | 639 | 653 | 672 | 668 | 653 | 635 | 627 | 610 | 619 |
| 4 | 627 | 611 | 586 | 625 | 611 | 613 | 619 | 620 | 608 | 591 | 577 | 592 | 615 | 610 | 637 | 653 | 665 | 685 | 661 | 661 | 645 | 634 | 619 | 625 | 625 |
| D 5 | 438 | 330 | 171 | 474 | 360 | 532 | 575 | 610 | 590 | 577 | 592 | 584 | 586 | 610 | 635 | 625 | 618 | 629 | 635 | 646 | 661 | 635 | 620 | 618 | 556 |
| 6 | 599 | 604 | 598 | 584 | 592 | 611 | 618 | 610 | 604 | 572 | 579 | 594 | 622 | 613 | 629 | 634 | 622 | 627 | 635 | 653 | 656 | 656 | 644 | 634 | 616 |
| D 7 | 632 | 629 | 627 | 627 | 620 | 601 | 553 | 573 | 558 | 586 | 636 | 647 | 663 | 678 | 764 | 759 | 794 | 721 | 706 | 649 | 532 | 390 | 567 | 599 | 630 |
| Q 8 | 603 | 613 | 612 | 611 | 609 | 595 | 584 | 582 | 575 | 567 | 575 | 599 | 618 | 629 | 646 | 661 | 659 | 635 | 647 | 644 | 644 | 632 | 633 | 632 | 617 |
| Q 9 | 631 | 631 | 631 | 629 | 620 | 616 | 604 | 601 | 594 | 586 | 586 | 593 | 604 | 631 | 653 | 640 | 644 | 637 | 636 | 638 | 644 | 646 | 644 | 637 | 624 |
| Q10 | 636 | 632 | 629 | 635 | 635 | 628 | 620 | 610 | 604 | 592 | 586 | 591 | 587 | 601 | 608 | 618 | 629 | 642 | 645 | 653 | 654 | 653 | 644 | 635 | 624 |
| Q11 | 642 | 642 | 640 | 641 | 637 | 633 | 626 | 610 | 601 | 589 | 580 | 577 | 586 | 601 | 621 | 635 | 644 | 653 | 664 | 676 | 662 | 653 | 653 | 646 | 630 |
| 12 | 649 | 639 | 635 | 638 | 628 | 618 | 601 | 603 | 593 | 595 | 578 | 584 | 589 | 601 | 618 | 646 | 672 | 696 | 678 | 661 | 645 | 636 | 633 | 628 | |
| 13 | 627 | 623 | 620 | 622 | 620 | 618 | 617 | 604 | 595 | 591 | 587 | 598 | 604 | 604 | 634 | 670 | 672 | 696 | 665 | 661 | 653 | 647 | 653 | 653 | 631 |
| 14 | 653 | 653 | 649 | 641 | 629 | 627 | 635 | 625 | 606 | 592 | 584 | 591 | 604 | 617 | 635 | 671 | 666 | 661 | 658 | 654 | 659 | 653 | 653 | 646 | 636 |
| 15 | 649 | 652 | 652 | 653 | 653 | 627 | 619 | 606 | 594 | 584 | 586 | 587 | 615 | 632 | 632 | 629 | 641 | 678 | 692 | 678 | 653 | 635 | 635 | 635 | 634 |
| 16 | 635 | 637 | 635 | 636 | 633 | 627 | 625 | 615 | 598 | 584 | 599 | 598 | 610 | 622 | 632 | 664 | 678 | 670 | 658 | 666 | 654 | 653 | 651 | 644 | 634 |
| 17 | 635 | 629 | 627 | 620 | 625 | 635 | 629 | 626 | 615 | 595 | 595 | 603 | 618 | 632 | 629 | 653 | 641 | 653 | 653 | 651 | 645 | 638 | 638 | 630 | |
| 18 | 635 | 629 | 629 | 629 | 628 | 629 | 618 | 598 | 587 | 587 | 590 | 606 | 610 | 641 | 641 | 648 | 665 | 653 | 653 | 651 | 646 | 643 | 641 | 635 | 629 |
| Q19 | 635 | 636 | 635 | 633 | 630 | 626 | 620 | 611 | 601 | 603 | 590 | 610 | 610 | 628 | 645 | 650 | 647 | 666 | 670 | 671 | 662 | 652 | 645 | 642 | 634 |
| 20 | 637 | 635 | 635 | 642 | 644 | 641 | 634 | 616 | 593 | 585 | 589 | 592 | 586 | 627 | 636 | 626 | 626 | 642 | 659 | 668 | 653 | 645 | 642 | 641 | 629 |
| 21 | 642 | 637 | 645 | 651 | 644 | 636 | 622 | 606 | 586 | 570 | 598 | 598 | 608 | 606 | 629 | 633 | 637 | 653 | 668 | 668 | 658 | 652 | 647 | 649 | 631 |
| 22 | 653 | 644 | 642 | 644 | 642 | 645 | 636 | 625 | 611 | 616 | 621 | 642 | 570 | 633 | 647 | 651 | 653 | 649 | 644 | 651 | 658 | 652 | 645 | 633 | 638 |
| D23 | 635 | 646 | 650 | 651 | 647 | 643 | 641 | 640 | 627 | 612 | 604 | 605 | 612 | 638 | 698 | 792 | 687 | 799 | 879 | 718 | 670 | 598 | 463 | 421 | 649 |
| D24 | 500 | 541 | 517 | 532 | 541 | 503 | 462 | 496 | 522 | 548 | 637 | 704 | 856 | 831 | 771 | 751 | 776 | 790 | 696 | 629 | 530 | 513 | 352 | 403 | 600 |
| D25 | 399 | 479 | 558 | 591 | 592 | 592 | 584 | 566 | 582 | 583 | 573 | 579 | 595 | 648 | 715 | 711 | 684 | 670 | 684 | 646 | 632 | 628 | 636 | 609 | 606 |
| M | 605 | 604 | 600 | 619 | 615 | 615 | 610 | 606 | 597 | 590 | 593 | 603 | 614 | 635 | 652 | 662 | 663 | 673 | 672 | 660 | 643 | 626 | 615 | 604 | 624 |
| MQ | 629 | 631 | 630 | 630 | 626 | 619 | 611 | 603 | 595 | 587 | 583 | 594 | 601 | 618 | 634 | 641 | 645 | 647 | 652 | 656 | 653 | 647 | 644 | 638 | 626 |
| MD | 521 | 525 | 504 | 575 | 552 | 574 | 563 | 577 | 576 | 581 | 609 | 624 | 662 | 681 | 717 | 728 | 712 | 722 | 720 | 657 | 605 | 553 | 528 | 530 | 608 |

JUNE

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 623 | 615 | 626 | 627 | 626 | 627 | 619 | 613 | 603 | 592 | 590 | 597 | 604 | 633 | 634 | 641 | 661 | 671 | 683 | 670 | 661 | 646 | 629 | 698 | 633 |
| 2 | 625 | 627 | 634 | 635 | 637 | 618 | 591 | 576 | 585 | 593 | 599 | 616 | 696 | 673 | 634 | 595 | 665 | 677 | 694 | 661 | 645 | 640 | 627 | 635 | 632 |
| 3 | 575 | 559 | 575 | 595 | 617 | 617 | 614 | 601 | 592 | 589 | 590 | 598 | 610 | 627 | 685 | 756 | 739 | 747 | 732 | 672 | 646 | 627 | 611 | 596 | 632 |
| 4 | 498 | 567 | 573 | 522 | 558 | 597 | 616 | 609 | 609 | 597 | 589 | 596 | 598 | 611 | 618 | 622 | 644 | 670 | 672 | 664 | 661 | 644 | 634 | 626 | 608 |
| 5 | 623 | 622 | 634 | 637 | 642 | 638 | 628 | 611 | 592 | 573 | 574 | 584 | 601 | 610 | 634 | 653 | 659 | 654 | 659 | 656 | 659 | 659 | 627 | 627 | 627 |
| 6 | 629 | 635 | 620 | 616 | 619 | 588 | 627 | 618 | 594 | 578 | 570 | 575 | 599 | 606 | 611 | 627 | 634 | 653 | 659 | 661 | 656 | 651 | 653 | 662 | 623 |
| D 7 | 601 | 403 | 402 | 432 | 541 | 575 | 541 | 584 | 592 | 584 | 562 | 524 | 610 | 629 | 625 | 619 | 618 | 627 | 627 | 629 | 627 | 633 | 627 | 567 | 574 |
| 8 | 524 | 549 | 591 | 610 | 610 | 592 | 591 | 597 | 594 | 586 | 584 | 584 | 580 | 601 | 618 | 622 | 634 | 654 | 678 | 670 | 696 | 677 | 661 | 585 | 612 |
| D 9 | 453 | 317 | 462 | 577 | 610 | 626 | 625 | 610 | 604 | 585 | 599 | 610 | 618 | 629 | 665 | 684 | 685 | 704 | 733 | 723 | 661 | 599 | 530 | 524 | 601 |
| D10 | 455 | 399 | 448 | 340 | 291 | 377 | 369 | 469 | 520 | 559 | 594 | 730 | 887104812291203 | 992 | 938 | 653 | 618 | 567 | 432 | 489 | 610 | 636 | 627 | 608 | 595 |
| 11 | 539 | 606 | 601 | 541 | 538 | 576 | 541 | 575 | 592 | 573 | 568 | 575 | 604 | 599 | 610 | 613 | 659 | 687 | 709 | 701 | 665 | 622 | 629 | 616 | 606 |
| 12 | 608 | 584 | 593 | 613 | 603 | 585 | 561 | 559 | 585 | 578 | 602 | 601 | 591 | 608 | 644 | 660 | 661 | 651 | 653 | 646 | 646 | 640 | 635 | 627 | 613 |
| 13 | 619 | 611 | 617 | 626 | 626 | 615 | 608 | 599 | 594 | 580 | 562 | 567 | 601 | 672 | 691 | 634 | 627 | 657 | 666 | 671 | 688 | 668 | 649 | 650 | 629 |
| D14 | 646 | 644 | 635 | 632 | 547 | 565 | 567 | 575 | 559 | 549 | 596 | 665 | 670 | 668 | 764 | 775 | 863 | 792 | 715 | 653 | 601 | 572 | 508 | 509 | 636 |
| D15 | 487 | 487 | 407 | 552 | 618 | 618 | 584 | 554 | 524 | 548 | 585 | 625 | 668 | 726 | 783 | 627 | 618 | 751 | 745 | 674 | 654 | 622 | 608 | 595 | 611 |
| 16 | 608 | 610 | 595 | 527 | 575 | 587 | 592 | 576 | 573 | 575 | 576 | 575 | 584 | 598 | 616 | 625 | 647 | 652 | 646 | 644 | 638 | 630 | 623 | 623 | 604 |
| Q17 | 622 | 628 | 632 | 629 | 635 | 626 | 610 | 594 | 580 | 573 | 561 | 573 | 584 | 611 | 625 | 630 | 644 | 678 | 656 | 654 | 653 | 650 | 653 | 645 | 623 |
| Q18 | 635 | 635 | 645 | 652 | 646 | 642 | 625 | 608 | 591 | 584 | 585 | 578 | 601 | 618 | 625 | 644 | 657 | 654 | 672 | 660 | 657 | 653 | 653 | 632 | 639 |
| 19 | 653 | 653 | 658 | 659 | 644 | 627 | 610 | 612 | 611 | 602 | 603 | 592 | 615 | 618 | 635 | 662 | 672 | 683 | 696 | 694 | 664 | 647 | | | |

DOMBAS 1989
JULYHORIZONTAL INTENSITY H = 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| D 1 | 621 | 622 | 632 | 634 | 623 | 609 | 597 | 591 | 598 | 601 | 609 | 617 | 623 | 628 | 631 | 671 | 736 | 762 | 736 | 693 | 495 | 516 | 523 | 569 | 622 |
| 2 | 582 | 599 | 625 | 628 | 607 | 590 | 591 | 597 | 588 | 581 | 574 | 574 | 588 | 609 | 627 | 641 | 641 | 645 | 643 | 639 | 634 | 625 | 618 | 615 | 611 |
| Q 3 | 612 | 612 | 618 | 620 | 619 | 617 | 609 | 597 | 587 | 575 | 567 | 566 | 583 | 597 | 618 | 624 | 634 | 657 | 660 | 647 | 634 | 624 | 622 | 622 | 613 |
| Q 4 | 625 | 626 | 627 | 633 | 630 | 625 | 609 | 600 | 590 | 578 | 575 | 579 | 600 | 626 | 645 | 646 | 645 | 651 | 650 | 645 | 645 | 643 | 642 | 643 | 624 |
| D 5 | 643 | 643 | 644 | 643 | 639 | 630 | 618 | 609 | 598 | 591 | 603 | 626 | 639 | 643 | 670 | 640 | 643 | 712 | 690 | 695 | 660 | 600 | 629 | 634 | 639 |
| 6 | 638 | 644 | 647 | 643 | 626 | 626 | 619 | 609 | 607 | 592 | 588 | 594 | 608 | 628 | 661 | 677 | 687 | 674 | 679 | 677 | 658 | 650 | 642 | 639 | 638 |
| 7 | 634 | 633 | 633 | 641 | 647 | 627 | 598 | 609 | 611 | 591 | 581 | 575 | 609 | 634 | 643 | 655 | 647 | 659 | 652 | 658 | 647 | 641 | 641 | 641 | 630 |
| Q 8 | 637 | 640 | 641 | 641 | 640 | 635 | 625 | 612 | 605 | 582 | 573 | 581 | 598 | 614 | 643 | 653 | 650 | 648 | 644 | 644 | 645 | 643 | 642 | 644 | 628 |
| 9 | 651 | 647 | 628 | 622 | 634 | 641 | 627 | 610 | 592 | 581 | 575 | 574 | 592 | 611 | 617 | 637 | 650 | 660 | 658 | 661 | 658 | 659 | 653 | 629 | 629 |
| 10 | 659 | 655 | 656 | 658 | 650 | 634 | 636 | 628 | 609 | 597 | 590 | 601 | 640 | 643 | 643 | 669 | 658 | 695 | 678 | 674 | 650 | 645 | 629 | 620 | 642 |
| Q11 | 620 | 626 | 634 | 635 | 633 | 626 | 617 | 607 | 590 | 585 | 580 | 578 | 585 | 612 | 619 | 637 | 650 | 661 | 667 | 662 | 650 | 641 | 636 | 634 | 624 |
| 12 | 634 | 637 | 640 | 643 | 641 | 634 | 626 | 617 | 607 | 590 | 590 | 592 | 601 | 611 | 624 | 646 | 652 | 648 | 650 | 652 | 658 | 660 | 660 | 652 | 632 |
| 13 | 645 | 643 | 650 | 652 | 652 | 643 | 634 | 634 | 628 | 611 | 600 | 583 | 574 | 598 | 614 | 646 | 676 | 677 | 658 | 651 | 645 | 642 | 634 | 627 | 634 |
| 14 | 625 | 627 | 630 | 634 | 634 | 634 | 627 | 611 | 600 | 585 | 583 | 589 | 600 | 617 | 615 | 626 | 652 | 669 | 673 | 660 | 653 | 651 | 642 | 634 | 628 |
| 15 | 627 | 634 | 636 | 645 | 646 | 639 | 626 | 617 | 609 | 600 | 592 | 591 | 591 | 624 | 640 | 652 | 658 | 679 | 675 | 670 | 658 | 644 | 628 | 630 | 634 |
| Q16 | 633 | 634 | 638 | 641 | 640 | 641 | 634 | 626 | 611 | 601 | 591 | 590 | 599 | 611 | 629 | 645 | 656 | 668 | 664 | 652 | 643 | 643 | 642 | 643 | 632 |
| D17 | 644 | 652 | 667 | 667 | 661 | 643 | 616 | 600 | 594 | 595 | 593 | 591 | 603 | 609 | 626 | 650 | 677 | 713 | 677 | 659 | 650 | 651 | 642 | 630 | 638 |
| D18 | 617 | 608 | 584 | 618 | 602 | 592 | 616 | 616 | 603 | 598 | 594 | 607 | 621 | 643 | 688 | 669 | 669 | 671 | 684 | 674 | 652 | 634 | 621 | 622 | 629 |
| 19 | 622 | 617 | 627 | 633 | 632 | 622 | 614 | 601 | 599 | 580 | 576 | 582 | 592 | 608 | 627 | 645 | 653 | 652 | 651 | 645 | 642 | 642 | 643 | 623 | 623 |
| 20 | 637 | 634 | 641 | 635 | 628 | 627 | 624 | 615 | 605 | 597 | 592 | 594 | 607 | 619 | 634 | 646 | 652 | 659 | 658 | 660 | 655 | 653 | 652 | 645 | 632 |
| 21 | 634 | 634 | 645 | 645 | 642 | 621 | 609 | 609 | 600 | 583 | 583 | 583 | 609 | 624 | 635 | 652 | 658 | 653 | 651 | 652 | 663 | 652 | 644 | 634 | 630 |
| 22 | 641 | 643 | 645 | 651 | 646 | 636 | 626 | 617 | 609 | 601 | 598 | 600 | 602 | 620 | 617 | 633 | 643 | 650 | 652 | 651 | 646 | 652 | 644 | 650 | 632 |
| 23 | 655 | 652 | 655 | 652 | 657 | 651 | 643 | 626 | 609 | 590 | 581 | 579 | 591 | 598 | 609 | 646 | 645 | 658 | 669 | 664 | 652 | 634 | 633 | 635 | 633 |
| 24 | 633 | 633 | 642 | 642 | 635 | 626 | 609 | 615 | 600 | 591 | 579 | 566 | 602 | 591 | 626 | 628 | 650 | 660 | 671 | 664 | 657 | 651 | 644 | 646 | 628 |
| 25 | 642 | 637 | 632 | 628 | 634 | 634 | 619 | 609 | 599 | 591 | 576 | 583 | 602 | 607 | 624 | 637 | 643 | 644 | 652 | 656 | 653 | 644 | 644 | 641 | 626 |
| D26 | 634 | 634 | 642 | 636 | 634 | 625 | 619 | 615 | 603 | 591 | 591 | 597 | 635 | 669 | 645 | 637 | 652 | 682 | 677 | 661 | 652 | 643 | 637 | 633 | 635 |
| 27 | 626 | 628 | 634 | 620 | 621 | 618 | 609 | 602 | 591 | 582 | 572 | 582 | 590 | 594 | 641 | 667 | 677 | 596 | 662 | 660 | 643 | 640 | 639 | 635 | 622 |
| 28 | 633 | 634 | 624 | 609 | 624 | 632 | 611 | 603 | 598 | 575 | 581 | 587 | 601 | 618 | 619 | 657 | 669 | 667 | 678 | 658 | 643 | 645 | 635 | 636 | 627 |
| 29 | 617 | 616 | 628 | 631 | 634 | 626 | 616 | 611 | 603 | 595 | 577 | 590 | 582 | 608 | 607 | 650 | 646 | 682 | 671 | 658 | 652 | 643 | 632 | 634 | 625 |
| 30 | 635 | 628 | 633 | 641 | 634 | 626 | 620 | 617 | 603 | 592 | 588 | 591 | 598 | 617 | 620 | 635 | 652 | 670 | 677 | 665 | 652 | 634 | 617 | 625 | 628 |
| 31 | 624 | 626 | 626 | 627 | 628 | 627 | 618 | 604 | 592 | 591 | 592 | 603 | 609 | 624 | 633 | 639 | 652 | 652 | 652 | 650 | 647 | 643 | 634 | 627 | 627 |
| M | 632 | 632 | 636 | 637 | 635 | 628 | 618 | 611 | 601 | 590 | 585 | 589 | 602 | 618 | 632 | 647 | 657 | 667 | 666 | 660 | 645 | 638 | 634 | 634 | 629 |
| MQ | 625 | 626 | 631 | 634 | 632 | 629 | 619 | 608 | 597 | 584 | 577 | 579 | 593 | 612 | 631 | 641 | 647 | 657 | 657 | 650 | 643 | 639 | 637 | 637 | 624 |
| MD | 632 | 632 | 634 | 640 | 632 | 620 | 613 | 607 | 599 | 595 | 598 | 608 | 624 | 638 | 652 | 653 | 675 | 708 | 693 | 677 | 622 | 609 | 610 | 618 | 633 |

AUGUST

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Q 1 | 628 | 629 | 633 | 634 | 631 | 620 | 611 | 611 | 609 | 608 | 609 | 612 | 621 | 644 | 647 | 652 | 657 | 660 | 657 | 658 | 652 | 642 | 641 | 634 | 633 |
| 2 | 635 | 635 | 642 | 643 | 634 | 626 | 610 | 609 | 613 | 592 | 587 | 591 | 591 | 611 | 622 | 634 | 644 | 658 | 659 | 652 | 646 | 644 | 643 | 643 | 628 |
| Q 3 | 644 | 642 | 641 | 642 | 637 | 641 | 634 | 633 | 607 | 599 | 592 | 590 | 601 | 618 | 630 | 652 | 659 | 652 | 653 | 645 | 642 | 641 | 643 | 632 | 632 |
| 4 | 641 | 636 | 635 | 641 | 645 | 644 | 633 | 618 | 609 | 593 | 582 | 591 | 575 | 609 | 677 | 652 | 633 | 676 | 676 | 669 | 660 | 634 | 628 | 631 | 633 |
| Q 5 | 634 | 634 | 635 | 640 | 628 | 633 | 625 | 610 | 592 | 580 | 574 | 574 | 588 | 601 | 618 | 636 | 645 | 650 | 650 | 650 | 648 | 646 | 645 | 624 | 624 |
| 6 | 644 | 643 | 644 | 651 | 652 | 648 | 637 | 622 | 603 | 581 | 565 | 574 | 581 | 605 | 626 | 643 | 660 | 684 | 685 | 677 | 661 | 643 | 626 | 627 | 633 |
| 7 | 634 | 635 | 634 | 635 | 628 | 628 | 619 | 609 | 588 | 564 | 559 | 575 | 590 | 609 | 624 | 635 | 663 | 679 | 686 | 677 | 652 | 634 | 634 | 641 | 626 |
| 8 | 634 | 626 | 634 | 634 | 633 | 626 | 620 | 609 | 591 | 576 | 583 | 583 | 582 | 609 | 624 | 633 | 634 | 643 | 652 | 650 | 644 | 643 | 643 | 622 | 622 |
| 9 | 634 | 630 | 634 | 637 | 636 | 631 | 617 | 602 | 585 | 572 | 574 | 578 | 591 | 611 | 619 | 650 | 651 | 652 | 688 | 695 | 686 | 671 | 659 | 658 | 632 |
| D10 | 652 | 640 | 609 | 607 | 624 | 621 | 602 | 574 | 548 | 548 | 592 | 617 | 540 | 583 | 659 | 755 | 701 | 615 | 609 | 628 | 652 | 624 | 547 | 585 | 614 |
| 11 | 577 | 461 | 518 | 521 | 522 | 564 | 603 | 602 | 584 | 578 | 569 | 578 | 609 | 584 | 630 | 630 | 646 | 632 | 643 | 639 | 626 | 621 | 621 | 592 | 592 |
| 12 | 609 | 585 | 584 | 617 | 617 | 602 | 591 | 579 | 572 | 557 | 558 | 567 | 577 | 582 | 609 | 628 | 635 | 645 | 645 | 644 | 642 | 636 | 632 | 624 | 606 |
| 13 | 592 | 610 | 609 | 609 | 626 | 609 | 602 | 592 | 581 | 576 | 574 | 591 | 614 | 610 | 634 | 650 | 654 | 630 | 627 | 635 | 641 | 63 | | | |

DOMBÅS 1989
SEPTEMBERHORIZONTAL INTENSITY H = 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 617 | 624 | 614 | 610 | 609 | 609 | 607 | 598 | 579 | 566 | 571 | 579 | 588 | 617 | 611 | 617 | 628 | 615 | 624 | 626 | 622 | 624 | 631 | 628 | 609 |
| 2 | 628 | 626 | 626 | 618 | 622 | 617 | 609 | 600 | 583 | 571 | 574 | 581 | 611 | 639 | 659 | 669 | 631 | 626 | 633 | 633 | 626 | 624 | 626 | 626 | 619 |
| 3 | 627 | 624 | 617 | 621 | 615 | 603 | 604 | 597 | 583 | 584 | 582 | 591 | 598 | 609 | 611 | 633 | 629 | 633 | 636 | 639 | 633 | 631 | 625 | 617 | 614 |
| D 4 | 591 | 523 | 492 | 389 | 597 | 583 | 562 | 588 | 579 | 574 | 599 | 596 | 558 | 554 | 591 | 626 | 618 | 626 | 626 | 633 | 634 | 634 | 619 | 574 | 582 |
| 5 | 566 | 598 | 488 | 542 | 600 | 624 | 610 | 564 | 544 | 557 | 569 | 567 | 566 | 581 | 588 | 607 | 617 | 622 | 626 | 629 | 628 | 626 | 618 | 624 | 590 |
| 6 | 621 | 625 | 624 | 623 | 618 | 614 | 610 | 600 | 574 | 558 | 565 | 583 | 583 | 600 | 591 | 617 | 660 | 634 | 631 | 639 | 634 | 633 | 626 | 623 | 612 |
| 7 | 619 | 620 | 612 | 616 | 618 | 617 | 607 | 591 | 572 | 575 | 566 | 588 | 641 | 624 | 626 | 619 | 617 | 695 | 652 | 643 | 634 | 633 | 631 | 587 | 617 |
| 8 | 591 | 615 | 617 | 615 | 609 | 611 | 595 | 574 | 558 | 559 | 577 | 591 | 600 | 596 | 617 | 626 | 643 | 652 | 642 | 631 | 626 | 624 | 625 | 616 | 609 |
| 9 | 609 | 609 | 615 | 613 | 613 | 611 | 603 | 590 | 575 | 562 | 566 | 583 | 596 | 591 | 618 | 644 | 612 | 617 | 621 | 634 | 634 | 618 | 616 | 607 | |
| 10 | 625 | 621 | 625 | 615 | 608 | 590 | 586 | 585 | 579 | 571 | 579 | 583 | 599 | 616 | 603 | 609 | 634 | 652 | 634 | 639 | 628 | 620 | 626 | 620 | 610 |
| Q11 | 621 | 617 | 616 | 616 | 610 | 607 | 600 | 592 | 591 | 585 | 590 | 581 | 590 | 598 | 608 | 609 | 611 | 617 | 624 | 626 | 628 | 633 | 633 | 643 | 610 |
| 12 | 640 | 634 | 637 | 641 | 641 | 626 | 617 | 604 | 590 | 567 | 555 | 565 | 588 | 600 | 607 | 609 | 614 | 626 | 630 | 633 | 634 | 635 | 634 | 634 | 615 |
| 13 | 634 | 634 | 628 | 627 | 623 | 618 | 609 | 599 | 591 | 583 | 581 | 582 | 591 | 607 | 617 | 633 | 624 | 637 | 634 | 634 | 626 | 621 | 624 | 616 | 616 |
| Q14 | 626 | 626 | 626 | 624 | 618 | 615 | 605 | 591 | 576 | 582 | 588 | 567 | 576 | 591 | 599 | 603 | 609 | 616 | 621 | 626 | 624 | 625 | 625 | 625 | 608 |
| D15 | 627 | 631 | 634 | 636 | 617 | 616 | 607 | 592 | 581 | 652 | 566 | 597 | 643 | 660 | 608 | 577 | 643 | 701 | 661 | 585 | 316 | 344 | 249 | 187 | 564 |
| 16 | 306 | 323 | 320 | 449 | 471 | 529 | 573 | 566 | 574 | 582 | 596 | 617 | 622 | 626 | 634 | 626 | 646 | 643 | 641 | 631 | 626 | 611 | 608 | 603 | 559 |
| 17 | 608 | 607 | 599 | 597 | 591 | 584 | 580 | 574 | 566 | 566 | 567 | 580 | 591 | 600 | 608 | 603 | 603 | 607 | 615 | 620 | 624 | 625 | 624 | 627 | 599 |
| D18 | 616 | 617 | 610 | 613 | 615 | 616 | 602 | 585 | 575 | 574 | 582 | 587 | 608 | 616 | 622 | 617 | 663 | 650 | 703 | 622 | 258 | 232 | 123 | 161 | 545 |
| D19 | 148 | 118 | 101-165-183 | 136 | 523 | 525 | 547 | 603 | 583 | 594 | 585 | 591 | 618 | 611 | 613 | 619 | 635 | 610 | 597 | 592 | 591 | 591 | 449 | 449 | 520 |
| Q20 | 591 | 591 | 590 | 587 | 579 | 584 | 591 | 583 | 577 | 567 | 565 | 574 | 578 | 585 | 585 | 600 | 598 | 605 | 610 | 604 | 601 | 601 | 601 | 589 | 520 |
| 21 | 600 | 596 | 593 | 600 | 609 | 609 | 600 | 590 | 587 | 577 | 584 | 585 | 585 | 593 | 599 | 601 | 610 | 609 | 614 | 617 | 617 | 619 | 623 | 623 | 602 |
| 22 | 617 | 617 | 621 | 624 | 609 | 616 | 608 | 600 | 589 | 566 | 566 | 547 | 583 | 643 | 617 | 596 | 620 | 639 | 626 | 627 | 615 | 609 | 600 | 603 | 607 |
| Q23 | 609 | 615 | 611 | 609 | 609 | 609 | 601 | 588 | 574 | 573 | 573 | 583 | 587 | 591 | 596 | 602 | 609 | 614 | 618 | 620 | 626 | 627 | 627 | 621 | 604 |
| 24 | 618 | 612 | 619 | 618 | 616 | 614 | 609 | 603 | 590 | 583 | 591 | 596 | 603 | 609 | 610 | 609 | 619 | 622 | 631 | 633 | 625 | 625 | 631 | 626 | 613 |
| Q25 | 622 | 617 | 621 | 624 | 623 | 618 | 611 | 600 | 591 | 583 | 585 | 598 | 605 | 607 | 609 | 613 | 617 | 626 | 633 | 635 | 633 | 628 | 626 | 628 | 615 |
| D26 | 626 | 624 | 626 | 627 | 627 | 625 | 630 | 607 | 580 | 567 | 600 | 633 | 609 | 650 | 583 | 690 | 9571030 | 679 | 570 | 389 | 402 | 375 | 309 | 609 | |
| 27 | 510 | 523 | 598 | 600 | 596 | 593 | 590 | 583 | 585 | 587 | 585 | 590 | 586 | 584 | 584 | 589 | 591 | 593 | 599 | 603 | 605 | 609 | 609 | 608 | 587 |
| 28 | 607 | 607 | 609 | 605 | 602 | 605 | 605 | 595 | 595 | 584 | 574 | 583 | 584 | 574 | 572 | 588 | 609 | 617 | 615 | 616 | 615 | 601 | 591 | 598 | |
| 29 | 605 | 617 | 617 | 619 | 619 | 615 | 609 | 600 | 585 | 576 | 573 | 557 | 581 | 591 | 599 | 601 | 627 | 627 | 617 | 622 | 623 | 623 | 622 | 616 | 606 |
| 30 | 609 | 620 | 609 | 621 | 626 | 625 | 616 | 599 | 585 | 574 | 573 | 576 | 592 | 591 | 600 | 607 | 611 | 628 | 649 | 676 | 605 | 620 | 615 | 600 | 609 |
| M | 584 | 584 | 580 | 575 | 581 | 591 | 599 | 589 | 578 | 577 | 578 | 585 | 594 | 604 | 606 | 614 | 633 | 643 | 633 | 625 | 593 | 592 | 583 | 575 | 596 |
| MQ | 614 | 613 | 613 | 612 | 608 | 606 | 602 | 591 | 582 | 578 | 580 | 581 | 587 | 595 | 599 | 602 | 609 | 614 | 620 | 623 | 623 | 623 | 622 | 624 | 605 |
| MD | 522 | 503 | 492 | 420 | 455 | 515 | 585 | 579 | 572 | 594 | 586 | 601 | 601 | 614 | 604 | 624 | 699 | 725 | 661 | 604 | 439 | 441 | 391 | 365 | 550 |

OCTOBER

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 596 | 588 | 592 | 622 | 631 | 622 | 624 | 616 | 600 | 587 | 581 | 575 | 600 | 622 | 600 | 604 | 620 | 621 | 624 | 626 | 626 | 624 | 624 | 624 | 610 |
| 2 | 620 | 617 | 624 | 625 | 644 | 646 | 634 | 625 | 607 | 591 | 576 | 581 | 588 | 599 | 601 | 607 | 619 | 626 | 632 | 628 | 631 | 633 | 633 | 617 | |
| 3 | 629 | 629 | 628 | 630 | 634 | 634 | 631 | 614 | 591 | 576 | 573 | 572 | 598 | 588 | 600 | 598 | 634 | 634 | 617 | 621 | 625 | 609 | 608 | 616 | 612 |
| Q 4 | 617 | 616 | 619 | 617 | 619 | 605 | 600 | 597 | 591 | 576 | 567 | 564 | 572 | 587 | 601 | 608 | 616 | 626 | 626 | 626 | 634 | 620 | 617 | 606 | 606 |
| Q 5 | 626 | 619 | 623 | 625 | 621 | 617 | 609 | 598 | 583 | 573 | 569 | 575 | 590 | 601 | 615 | 610 | 617 | 623 | 626 | 627 | 627 | 634 | 635 | 635 | 612 |
| 6 | 626 | 620 | 621 | 624 | 626 | 621 | 618 | 609 | 591 | 581 | 577 | 575 | 581 | 597 | 626 | 615 | 633 | 641 | 620 | 626 | 624 | 624 | 626 | 624 | 614 |
| 7 | 625 | 618 | 616 | 618 | 617 | 611 | 609 | 615 | 600 | 591 | 583 | 581 | 591 | 599 | 596 | 598 | 616 | 619 | 634 | 621 | 625 | 627 | 627 | 621 | 611 |
| 8 | 633 | 622 | 625 | 621 | 618 | 621 | 617 | 609 | 607 | 588 | 581 | 572 | 585 | 592 | 608 | 616 | 617 | 617 | 622 | 626 | 628 | 631 | 626 | 631 | 613 |
| 9 | 631 | 626 | 622 | 619 | 610 | 617 | 615 | 610 | 603 | 602 | 592 | 590 | 585 | 591 | 593 | 609 | 615 | 621 | 629 | 633 | 634 | 634 | 634 | 615 | 617 |
| 10 | 634 | 625 | 625 | 627 | 628 | 625 | 617 | 615 | 608 | 596 | 585 | 607 | 584 | 593 | 607 | 626 | 627 | 620 | 626 | 625 | 626 | 627 | 625 | 617 | 617 |
| 11 | 626 | 619 | 620 | 626 | 627 | 624 | 617 | 609 | 600 | 584 | 577 | 582 | 591 | 600 | 615 | 621 | 626 | 626 | 626 | 628 | 628 | 628 | 628 | 614 | 614 |
| 12 | 626 | 628 | 626 | 618 | 624 | 624 | 618 | 611 | 603 | 597 | 591 | 591 | 595 | 607 | 614 | 620 | 634 | 626 | 625 | 626 | 628 | 628 | 628 | 621 | 616 |
| Q13 | 626 | 622 | 621 | 622 | 617 | 615 | 609 | 598 | 585 | 574 | 566 | 564 | 578 | 591 | 602 | 610 | 617 | 619 | 621 | 622 | 626 | 626 | 627 | 628 | 608 |
| Q14 | 626 | 626 | 624 | 620 | 618 | 618 | 615 | 601 | 591 | 582 | 583 | 591 | 603 | 609 | 616 | 617 | 618 | 626 | 630 | 633 | 634 | 634 | 634 | 615 | |

DOMBÅS 1989
NOVEMBERHORIZONTAL INTENSITY H - 13500 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 610 | 609 | 611 | 614 | 614 | 616 | 616 | 609 | 598 | 583 | 575 | 575 | 583 | 590 | 599 | 607 | 610 | 609 | 614 | 615 | 610 | 617 | 617 | 615 | |
| 2 | 600 | 583 | 617 | 616 | 610 | 615 | 618 | 615 | 609 | 602 | 600 | 600 | 603 | 609 | 616 | 617 | 620 | 626 | 729 | 650 | 619 | 617 | 583 | 521 | |
| 3 | 538 | 592 | 600 | 600 | 597 | 607 | 611 | 585 | 563 | 575 | 576 | 581 | 598 | 600 | 653 | 641 | 660 | 663 | 652 | 676 | 643 | 609 | 592 | 591 | |
| D 4 | 581 | 591 | 594 | 600 | 601 | 609 | 603 | 583 | 540 | 531 | 567 | 576 | 591 | 614 | 618 | 617 | 603 | 643 | 630 | 617 | 619 | 584 | 577 | 492 | |
| 5 | 572 | 603 | 603 | 597 | 593 | 598 | 609 | 608 | 598 | 584 | 574 | 581 | 582 | 590 | 599 | 603 | 609 | 609 | 617 | 615 | 585 | 557 | 583 | 567 | |
| 6 | 581 | 591 | 603 | 598 | 602 | 607 | 603 | 598 | 586 | 581 | 575 | 582 | 574 | 591 | 600 | 609 | 600 | 605 | 608 | 612 | 616 | 612 | 615 | 614 | |
| 7 | 609 | 583 | 588 | 581 | 590 | 598 | 596 | 587 | 583 | 577 | 571 | 581 | 598 | 614 | 592 | 593 | 593 | 600 | 600 | 609 | 612 | 619 | 609 | 608 | |
| 8 | 605 | 617 | 609 | 609 | 608 | 606 | 605 | 599 | 583 | 567 | 578 | 590 | 600 | 615 | 617 | 614 | 626 | 609 | 614 | 607 | 607 | 609 | 609 | 605 | |
| 9 | 610 | 609 | 585 | 557 | 596 | 598 | 608 | 608 | 602 | 591 | 591 | 598 | 593 | 599 | 605 | 624 | 660 | 610 | 621 | 622 | 609 | 616 | 610 | 605 | |
| 10 | 601 | 603 | 609 | 609 | 607 | 602 | 609 | 614 | 598 | 583 | 581 | 588 | 598 | 600 | 608 | 609 | 609 | 611 | 615 | 615 | 616 | 616 | 612 | 617 | |
| 11 | 613 | 613 | 616 | 614 | 620 | 625 | 624 | 622 | 614 | 597 | 589 | 589 | 589 | 597 | 611 | 615 | 631 | 641 | 729 | 806 | 651 | 632 | 612 | 582 | |
| 12 | 610 | 614 | 614 | 613 | 607 | 612 | 614 | 611 | 599 | 589 | 586 | 585 | 591 | 601 | 606 | 607 | 610 | 608 | 613 | 616 | 615 | 615 | 613 | 612 | |
| D 13 | 614 | 588 | 618 | 614 | 588 | 576 | 615 | 607 | 605 | 589 | 582 | 597 | 612 | 688 | 675 | 942 | 998 | 895 | 813 | 725 | 595 | 573 | 522 | 478 | 654 |
| 14 | 478 | 490 | 557 | 538 | 570 | 586 | 588 | 580 | 555 | 551 | 553 | 553 | 562 | 572 | 581 | 589 | 589 | 597 | 598 | 599 | 598 | 583 | 523 | 589 | 566 |
| Q 15 | 583 | 552 | 581 | 601 | 607 | 608 | 607 | 601 | 590 | 581 | 572 | 572 | 577 | 583 | 589 | 598 | 600 | 606 | 606 | 615 | 615 | 615 | 615 | 617 | |
| Q 16 | 615 | 615 | 615 | 616 | 618 | 617 | 621 | 615 | 601 | 589 | 581 | 580 | 589 | 597 | 607 | 608 | 614 | 613 | 616 | 613 | 605 | 600 | 600 | 606 | |
| D 17 | 608 | 601 | 613 | 615 | 623 | 616 | 614 | 607 | 590 | 601 | 606 | 589 | 596 | 669 | 883 | 675 | 551 | 297 | 555 | 589 | 349 | -8 | 228 | 443 | 546 |
| D 18 | 144 | 271 | 171 | 314 | 413 | 555 | 536 | 528 | 548 | 569 | 551 | 536 | 545 | 555 | 557 | 558 | 570 | 572 | 578 | 575 | 588 | 580 | 580 | 582 | 499 |
| 19 | 582 | 586 | 591 | 595 | 597 | 599 | 605 | 597 | 582 | 573 | 570 | 560 | 570 | 572 | 580 | 588 | 598 | 597 | 607 | 588 | 589 | 588 | 579 | 586 | |
| 20 | 599 | 599 | 599 | 599 | 600 | 608 | 607 | 605 | 597 | 588 | 581 | 581 | 580 | 580 | 593 | 600 | 607 | 609 | 607 | 607 | 607 | 606 | 598 | 595 | |
| 21 | 582 | 581 | 597 | 607 | 609 | 613 | 623 | 615 | 607 | 598 | 599 | 597 | 602 | 592 | 601 | 607 | 613 | 614 | 613 | 615 | 616 | 615 | 613 | 609 | |
| Q 22 | 612 | 615 | 618 | 618 | 618 | 621 | 617 | 614 | 607 | 599 | 597 | 597 | 599 | 606 | 616 | 614 | 616 | 606 | 609 | 607 | 605 | 606 | 607 | 607 | |
| Q 23 | 607 | 605 | 613 | 615 | 615 | 615 | 614 | 614 | 609 | 606 | 599 | 595 | 597 | 597 | 600 | 608 | 615 | 617 | 622 | 624 | 622 | 617 | 617 | 616 | |
| 24 | 615 | 618 | 616 | 618 | 626 | 632 | 624 | 622 | 613 | 598 | 598 | 598 | 598 | 605 | 605 | 601 | 598 | 605 | 609 | 605 | 610 | 614 | 615 | 615 | |
| Q 25 | 615 | 615 | 618 | 626 | 627 | 624 | 622 | 618 | 613 | 607 | 600 | 600 | 606 | 607 | 614 | 615 | 622 | 624 | 624 | 626 | 625 | 625 | 624 | 624 | |
| M | 577 | 584 | 588 | 593 | 600 | 607 | 608 | 603 | 594 | 589 | 586 | 587 | 593 | 603 | 617 | 622 | 623 | 617 | 631 | 629 | 608 | 589 | 589 | 585 | 601 |
| MQ | 606 | 601 | 609 | 615 | 617 | 617 | 616 | 613 | 604 | 596 | 590 | 589 | 594 | 598 | 605 | 609 | 612 | 613 | 615 | 618 | 616 | 613 | 612 | 613 | |
| MD | 487 | 525 | 518 | 548 | 566 | 591 | 593 | 584 | 580 | 581 | 582 | 582 | 592 | 628 | 670 | 681 | 667 | 608 | 643 | 629 | 556 | 472 | 507 | 524 | 580 |

DECEMBER

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| D 1 | 532 | 588 | 604 | 598 | 596 | 596 | 599 | 612 | 608 | 600 | 596 | 596 | 594 | 632 | 612 | 642 | 642 | 692 | 915 | 1010 | 881 | 580 | 475 | 415 | 634 |
| 2 | 526 | 541 | 559 | 563 | 580 | 597 | 598 | 606 | 612 | 588 | 575 | 570 | 572 | 585 | 591 | 596 | 606 | 600 | 604 | 611 | 615 | 587 | 588 | 547 | 584 |
| 3 | 569 | 544 | 554 | 587 | 588 | 605 | 606 | 602 | 595 | 588 | 553 | 577 | 579 | 592 | 607 | 606 | 613 | 623 | 606 | 605 | 612 | 555 | 423 | 389 | 574 |
| D 4 | 380 | 478 | 408 | 449 | 527 | 597 | 598 | 607 | 613 | 604 | 597 | 597 | 600 | 607 | 606 | 600 | 614 | 614 | 605 | 614 | 597 | 432 | 396 | 375 | 546 |
| 5 | 429 | 427 | 552 | 588 | 588 | 598 | 602 | 598 | 597 | 588 | 580 | 584 | 582 | 591 | 599 | 601 | 607 | 606 | 608 | 615 | 606 | 612 | 617 | 583 | |
| Q 6 | 613 | 608 | 608 | 608 | 609 | 612 | 607 | 606 | 597 | 590 | 591 | 597 | 600 | 607 | 612 | 614 | 614 | 613 | 615 | 615 | 619 | 621 | 614 | 608 | 608 |
| 7 | 623 | 616 | 613 | 613 | 616 | 616 | 616 | 619 | 614 | 610 | 604 | 595 | 597 | 606 | 617 | 617 | 621 | 622 | 625 | 647 | 640 | 630 | 616 | 621 | 617 |
| 8 | 618 | 615 | 613 | 614 | 616 | 618 | 621 | 618 | 606 | 597 | 595 | 597 | 598 | 611 | 614 | 614 | 622 | 621 | 622 | 623 | 622 | 621 | 620 | 614 | 614 |
| Q 9 | 615 | 614 | 614 | 613 | 614 | 617 | 619 | 617 | 613 | 605 | 598 | 598 | 606 | 613 | 615 | 618 | 621 | 618 | 621 | 624 | 623 | 621 | 621 | 621 | 615 |
| Q 10 | 621 | 620 | 618 | 621 | 622 | 622 | 623 | 623 | 621 | 614 | 607 | 605 | 607 | 614 | 619 | 624 | 625 | 625 | 624 | 628 | 625 | 624 | 624 | 624 | 620 |
| Q 11 | 625 | 625 | 625 | 630 | 629 | 631 | 631 | 625 | 625 | 617 | 600 | 602 | 604 | 606 | 606 | 606 | 616 | 616 | 617 | 613 | 608 | 606 | 606 | 613 | 616 |
| 12 | 613 | 614 | 616 | 624 | 630 | 625 | 623 | 623 | 617 | 613 | 612 | 607 | 606 | 608 | 606 | 612 | 614 | 615 | 613 | 612 | 604 | 581 | 596 | 606 | 612 |
| 13 | 606 | 602 | 597 | 619 | 617 | 615 | 616 | 619 | 615 | 613 | 606 | 598 | 598 | 602 | 606 | 605 | 608 | 614 | 612 | 606 | 607 | 617 | 621 | 622 | 622 |
| 14 | 619 | 616 | 618 | 619 | 622 | 622 | 623 | 623 | 622 | 615 | 606 | 595 | 602 | 605 | 613 | 608 | 615 | 604 | 614 | 613 | 582 | 599 | 605 | 606 | 611 |
| 15 | 597 | 581 | 604 | 612 | 625 | 622 | 612 | 607 | 606 | 606 | 606 | 599 | 596 | 600 | 612 | 613 | 614 | 613 | 613 | 608 | 613 | 617 | 615 | 608 | |
| 16 | 614 | 615 | 621 | 615 | 623 | 623 | 621 | 619 | 607 | 606 | 599 | 585 | 604 | 625 | 612 | 619 | 605 | 596 | 593 | 596 | 587 | 588 | 606 | 613 | 608 |
| 17 | 606 | 606 | 607 | 612 | 611 | 610 | 606 | 614 | 606 | 604 | 604 | 585 | 595 | 599 | 594 | 595 | 607 | 612 | 606 | 606 | 608 | 613 | 608 | 607 | 605 |
| 18 | 612 | 606 | 612 | 613 | 616 | 625 | 631 | 624 | 621 | 617 | 613 | 606 | 612 | 617 | 623 | 623 | 619 | 615 | 615 | 610 | 614 | 619 | 606 | 616 | 616 |
| Q 19 | 614 | 614 | 612 | 613 | 617 | 622 | 626 | 618 | 615 | 612 | 607 | 606 | 606 | 606 | 612 | 614 | 618 | 649 | 623 | 619 | 614 | 614 | 616 | 615 | 607 |
| 20 | 617 | 618 | 619 | 615 | 619 | 621 | 621 | 615 | 613 | 613 | 614 | 615 | 618 | 622 | 622 | 617 | 622 | | | | | | | | |

DOMBÅS 1989
JANUARY

VERTICAL INTENSITY Z = 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 421 | 440 | 469 | 478 | 476 | 476 | 463 | 470 | 476 | 485 | 488 | 492 | 497 | 515 | 521 | 534 | 530 | 514 | 508 | 505 | 506 | 481 | 485 | 484 | 488 |
| Q 2 | 480 | 476 | 483 | 485 | 487 | 488 | 489 | 490 | 490 | 491 | 491 | 489 | 490 | 497 | 492 | 490 | 489 | 489 | 496 | 504 | 499 | 496 | 490 | 490 | 490 |
| Q 3 | 488 | 487 | 488 | 485 | 485 | 485 | 489 | 488 | 489 | 487 | 488 | 484 | 483 | 488 | 488 | 485 | 488 | 489 | 490 | 492 | 489 | 488 | 488 | 490 | 488 |
| Q 4 | 494 | 487 | 484 | 483 | 483 | 485 | 485 | 487 | 490 | 487 | 483 | 483 | 481 | 485 | 483 | 482 | 483 | 483 | 483 | 483 | 482 | 483 | 483 | 477 | 484 |
| D 5 | 471 | 422 | 379 | 366 | 336 | 334 | 373 | 401 | 415 | 455 | 470 | 477 | 485 | 488 | 496 | 521 | 579 | 496 | 585 | 579 | 547 | 521 | 517 | 506 | 467 |
| Q 6 | 472 | 482 | 490 | 493 | 490 | 487 | 488 | 487 | 490 | 488 | 491 | 491 | 494 | 495 | 494 | 495 | 493 | 492 | 495 | 496 | 495 | 496 | 492 | 492 | 491 |
| 7 | 490 | 487 | 492 | 490 | 483 | 483 | 485 | 487 | 485 | 485 | 488 | 485 | 485 | 496 | 498 | 495 | 496 | 511 | 495 | 492 | 495 | 480 | 485 | 488 | 490 |
| 8 | 488 | 487 | 485 | 484 | 482 | 483 | 483 | 480 | 479 | 479 | 477 | 477 | 476 | 483 | 514 | 502 | 480 | 486 | 498 | 514 | 527 | 528 | 498 | 491 | 491 |
| 9 | 492 | 491 | 490 | 485 | 490 | 492 | 490 | 494 | 491 | 491 | 491 | 490 | 496 | 501 | 516 | 518 | 501 | 502 | 504 | 509 | 504 | 490 | 469 | 483 | 495 |
| 10 | 463 | 466 | 477 | 483 | 491 | 494 | 492 | 495 | 496 | 501 | 494 | 485 | 495 | 496 | 495 | 495 | 502 | 502 | 499 | 495 | 490 | 492 | 495 | 494 | 491 |
| D11 | 492 | 488 | 485 | 488 | 488 | 499 | 490 | 490 | 491 | 493 | 491 | 489 | 488 | 495 | 488 | 502 | 547 | 502 | 463 | 468 | 485 | 457 | 485 | 369 | 484 |
| 12 | 363 | 439 | 510 | 471 | 458 | 475 | 502 | 510 | 509 | 508 | 504 | 505 | 509 | 509 | 509 | 510 | 509 | 510 | 504 | 488 | 489 | 491 | 494 | 491 | 491 |
| 13 | 492 | 495 | 495 | 495 | 495 | 495 | 495 | 496 | 496 | 497 | 496 | 496 | 496 | 497 | 502 | 555 | 591 | 598 | 595 | 598 | 560 | 532 | 536 | 521 | 522 |
| 14 | 497 | 508 | 509 | 508 | 503 | 502 | 500 | 499 | 499 | 501 | 502 | 504 | 502 | 502 | 497 | 497 | 511 | 522 | 533 | 543 | 516 | 410 | 398 | 499 | |
| D15 | 349 | 375 | 445 | 470 | 472 | 454 | 451 | 465 | 490 | 490 | 501 | 508 | 523 | 542 | 553 | 593 | 612 | 572 | 590 | 568 | 438 | 394 | 436 | 488 | 491 |
| D16 | 434 | 477 | 510 | 491 | 493 | 476 | 440 | 420 | 465 | 497 | 509 | 521 | 521 | 520 | 521 | 553 | 542 | 579 | 603 | 534 | 521 | 400 | 425 | 419 | 495 |
| 17 | 375 | 382 | 409 | 467 | 480 | 485 | 491 | 483 | 495 | 502 | 515 | 549 | 533 | 516 | 517 | 541 | 569 | 572 | 655 | 633 | 584 | 542 | 513 | 509 | 513 |
| 18 | 478 | 445 | 439 | 464 | 469 | 492 | 497 | 497 | 494 | 490 | 491 | 501 | 500 | 502 | 508 | 510 | 511 | 511 | 516 | 515 | 518 | 521 | 508 | 510 | 495 |
| Q19 | 502 | 488 | 489 | 482 | 484 | 497 | 497 | 495 | 500 | 496 | 496 | 492 | 494 | 501 | 504 | 501 | 504 | 505 | 506 | 511 | 508 | 503 | 490 | 483 | 497 |
| D20 | 452 | 471 | 481 | 488 | 488 | 489 | 490 | 490 | 491 | 490 | 487 | 481 | 476 | 498 | 546 | 562 | 606 | 523 | 401 | 498 | 553 | 465 | 483 | 473 | 495 |
| 21 | 508 | 496 | 508 | 467 | 498 | 514 | 508 | 508 | 511 | 534 | 534 | 527 | 528 | 546 | 548 | 599 | 534 | 585 | 523 | 515 | 483 | 471 | 438 | 444 | 514 |
| 22 | 420 | 376 | 414 | 467 | 469 | 438 | 463 | 500 | 501 | 502 | 508 | 509 | 517 | 550 | 527 | 523 | 521 | 572 | 541 | 542 | 522 | 494 | 432 | 440 | 489 |
| 23 | 433 | 451 | 442 | 408 | 433 | 471 | 483 | 490 | 499 | 497 | 499 | 504 | 505 | 504 | 504 | 510 | 511 | 539 | 523 | 521 | 515 | 483 | 485 | 445 | 441 |
| 24 | 466 | 484 | 479 | 484 | 491 | 492 | 495 | 496 | 496 | 496 | 493 | 495 | 501 | 504 | 501 | 505 | 514 | 518 | 499 | 483 | 496 | 496 | 469 | 464 | 492 |
| 25 | 471 | 482 | 483 | 472 | 472 | 479 | 482 | 485 | 489 | 488 | 491 | 496 | 505 | 508 | 498 | 496 | 495 | 492 | 527 | 521 | 510 | 492 | 459 | 457 | 490 |
| M | 463 | 465 | 471 | 472 | 476 | 478 | 481 | 485 | 489 | 492 | 494 | 496 | 499 | 506 | 510 | 521 | 526 | 523 | 522 | 522 | 510 | 485 | 473 | 471 | 493 |
| MQ | 487 | 484 | 487 | 486 | 486 | 488 | 490 | 490 | 492 | 490 | 490 | 488 | 488 | 493 | 492 | 491 | 492 | 492 | 494 | 497 | 495 | 493 | 489 | 486 | 490 |
| MD | 439 | 447 | 460 | 461 | 456 | 448 | 449 | 453 | 470 | 485 | 492 | 495 | 499 | 509 | 521 | 546 | 577 | 535 | 528 | 529 | 509 | 447 | 469 | 451 | 486 |

FEBRUARY

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| D 1 | 467 | 492 | 485 | 471 | 450 | 459 | 486 | 495 | 497 | 492 | 490 | 495 | 509 | 560 | 521 | 508 | 502 | 504 | 520 | 569 | 547 | 521 | 441 | 489 | 499 | |
| 2 | 488 | 444 | 438 | 459 | 466 | 482 | 497 | 497 | 507 | 503 | 498 | 502 | 497 | 502 | 502 | 503 | 500 | 497 | 502 | 521 | 595 | 355 | 448 | 515 | 518 | |
| D 3 | 521 | 482 | 363 | 363 | 415 | 412 | 474 | 495 | 495 | 494 | 497 | 506 | 512 | 514 | 552 | 566 | 580 | 596 | 525 | 534 | 548 | 543 | 412 | 415 | 492 | |
| D 4 | 449 | 483 | 490 | 494 | 489 | 500 | 506 | 510 | 506 | 503 | 502 | 503 | 518 | 518 | 516 | 513 | 527 | 511 | 515 | 522 | 471 | 447 | 472 | 448 | 496 | |
| 5 | 445 | 457 | 440 | 482 | 481 | 482 | 480 | 495 | 483 | 489 | 496 | 496 | 508 | 514 | 515 | 520 | 520 | 527 | 520 | 509 | 458 | 484 | 464 | 428 | 487 | |
| D 6 | 408 | 401 | 430 | 466 | 481 | 478 | 471 | 477 | 489 | 491 | 496 | 509 | 508 | 513 | 538 | 555 | 534 | 510 | 527 | 505 | 474 | 483 | 492 | 492 | 489 | |
| D 7 | 474 | 443 | 445 | 442 | 438 | 457 | 457 | 457 | 457 | 469 | 484 | 501 | 511 | 510 | 546 | 560 | 559 | 539 | 548 | 502 | 509 | 471 | 475 | 459 | 408 | 486 |
| 8 | 440 | 441 | 452 | 473 | 478 | 495 | 496 | 495 | 501 | 502 | 502 | 502 | 515 | 514 | 506 | 503 | 505 | 509 | 501 | 499 | 506 | 511 | 504 | 483 | 493 | |
| 9 | 400 | 401 | 452 | 447 | 445 | 457 | 466 | 488 | 490 | 489 | 489 | 490 | 494 | 498 | 515 | 534 | 515 | 516 | 528 | 529 | 483 | 469 | 471 | 447 | 480 | |
| 10 | 401 | 420 | 437 | 446 | 469 | 484 | 496 | 506 | 498 | 498 | 495 | 497 | 501 | 509 | 534 | 516 | 508 | 503 | 498 | 497 | 496 | 496 | 496 | 495 | 487 | |
| 11 | 497 | 497 | 495 | 495 | 495 | 494 | 492 | 495 | 497 | 501 | 497 | 497 | 501 | 508 | 503 | 497 | 497 | 495 | 496 | 527 | 527 | 537 | 537 | 536 | 505 | |
| 12 | 515 | 497 | 473 | 471 | 478 | 490 | 495 | 496 | 499 | 501 | 501 | 497 | 497 | 496 | 502 | 508 | 508 | 509 | 533 | 647 | 491 | 542 | 497 | 444 | 401 | 500 |
| 13 | 421 | 377 | 412 | 457 | 452 | 471 | 478 | 483 | 496 | 501 | 503 | 516 | 521 | 520 | 522 | 523 | 511 | 553 | 541 | 513 | 505 | 507 | 482 | 477 | 489 | |
| 14 | 478 | 481 | 457 | 431 | 446 | 473 | 492 | 497 | 496 | 496 | 497 | 503 | 503 | 515 | 529 | 566 | 527 | 521 | 515 | 509 | 508 | 506 | 497 | 497 | 497 | |
| 15 | 496 | 496 | 492 | 476 | 476 | 482 | 482 | 483 | 478 | 476 | 476 | 477 | 508 | 508 | 509 | 521 | 529 | 558 | 565 | 469 | 537 | 535 | 495 | 542 | 506 | |
| 16 | 490 | 471 | 476 | 471 | 490 | 508 | 502 | 506 | 509 | 511 | 509 | 509 | 520 | 515 | 508 | 504 | 499 | 497 | 499 | 504 | 515 | 503 | 458 | 490 | 498 | |
| Q17 | 496 | 495 | 493 | 492 | 495 | 495 | 495 | 496 | 496 | 491 | 495 | 495 | 495 | 495 | 495 | 490 | 490 | 491 | 491 | 492 | 492 | 494 | 489 | 487 | 493 | |
| 18 | 488 | 490 | 490 | 489 | 489 | 483 | 478 | 488 | 491 | 494 | 495 | 496 | 494 | 500 | 501 | 509 | 508 | 549 | 528 | 508 | 506 | 497 | 490 | 485 | 497 | |
| 19 | 483 | 488 | 490 | 490 | 489 | 489 | 490 | 489 | 492 | 487 | 485 | 489 | 490 | 490 | 495 | 510 | 523 | 50 | | | | | | | | |

DOMBÅS 1989
MARCHVERTICAL INTENSITY Z = 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Q 1 | 451 | 446 | 464 | 482 | 476 | 485 | 485 | 490 | 490 | 485 | 485 | 488 | 490 | 496 | 509 | 510 | 496 | 489 | 490 | 490 | 492 | 501 | 489 | 476 | 486 |
| 2 | 471 | 458 | 471 | 447 | 388 | 349 | 431 | 469 | 473 | 476 | 478 | 477 | 489 | 464 | 483 | 498 | 541 | 520 | 521 | 534 | 506 | 494 | 471 | 466 | 474 |
| 3 | 471 | 427 | 394 | 365 | 408 | 412 | 468 | 471 | 496 | 508 | 511 | 502 | 541 | 566 | 591 | 617 | 612 | 564 | 608 | 498 | 499 | 515 | 511 | 503 | 502 |
| Q 4 | 502 | 476 | 483 | 495 | 501 | 502 | 501 | 499 | 502 | 503 | 496 | 504 | 515 | 540 | 570 | 539 | 515 | 508 | 501 | 498 | 496 | 497 | 497 | 495 | 506 |
| 5 | 494 | 480 | 466 | 459 | 464 | 469 | 465 | 472 | 471 | 478 | 487 | 563 | 554 | 548 | 574 | 537 | 513 | 503 | 528 | 514 | 484 | 478 | 443 | 429 | 495 |
| 6 | 443 | 451 | 458 | 478 | 478 | 477 | 488 | 492 | 495 | 506 | 498 | 495 | 508 | 522 | 579 | 574 | 543 | 530 | 509 | 520 | 502 | 490 | 467 | 426 | 497 |
| 7 | 416 | 463 | 460 | 481 | 466 | 440 | 464 | 484 | 500 | 503 | 502 | 504 | 516 | 514 | 509 | 513 | 513 | 508 | 508 | 509 | 502 | 497 | 468 | 468 | 488 |
| 8 | 467 | 481 | 484 | 484 | 483 | 484 | 490 | 495 | 491 | 485 | 482 | 483 | 484 | 483 | 489 | 490 | 489 | 495 | 522 | 546 | 467 | 464 | 306 | 323 | 474 |
| 9 | 431 | 464 | 409 | 446 | 402 | 382 | 425 | 458 | 476 | 496 | 500 | 497 | 510 | 541 | 548 | 555 | 565 | 596 | 561 | 573 | 509 | 473 | 473 | 374 | 486 |
| 10 | 401 | 433 | 457 | 408 | 426 | 464 | 463 | 490 | 495 | 503 | 510 | 507 | 508 | 515 | 518 | 529 | 556 | 565 | 530 | 518 | 508 | 502 | 471 | 483 | 490 |
| 11 | 487 | 483 | 488 | 483 | 469 | 476 | 495 | 497 | 506 | 506 | 497 | 497 | 515 | 521 | 509 | 508 | 516 | 528 | 540 | 530 | 528 | 415 | 433 | 294 | 488 |
| 12 | 319 | 334 | 501 | 520 | 509 | 508 | 509 | 509 | 503 | 499 | 498 | 509 | 511 | 513 | 502 | 505 | 546 | 620 | 642 | 558 | 542 | 514 | 492 | 459 | 505 |
| D13 | 452 | 375 | 109 | -6 | 281 | 267 | 341 | 585 | 533 | 445 | 453 | 521 | 502 | 483 | 488 | 45 | 369 | 169 | 194 | 115 | 458 | 585 | 39 | 64 | 328 |
| D14 | 77 | 90 | 356 | 476 | 461 | 198 | 510 | 515 | 556 | 539 | 549 | 575 | 566 | 558 | 548 | 553 | 542 | 560 | 521 | 350 | 271 | 550 | 544 | 515 | 458 |
| 15 | 537 | 390 | 397 | 335 | 469 | 498 | 523 | 528 | 516 | 533 | 528 | 541 | 552 | 575 | 592 | 585 | 605 | 566 | 568 | 484 | 479 | 447 | 490 | 505 | 510 |
| D16 | 517 | 521 | 515 | 511 | 509 | 512 | 498 | 503 | 522 | 548 | 564 | 604 | 618 | 615 | 581 | 591 | 616 | 573 | 529 | 517 | 414 | 456 | 434 | 397 | 528 |
| 17 | 364 | 326 | 334 | 364 | 401 | 453 | 477 | 497 | 515 | 540 | 592 | 604 | 598 | 622 | 616 | 618 | 597 | 565 | 575 | 552 | 516 | 484 | 470 | 514 | 508 |
| Q18 | 524 | 522 | 517 | 510 | 516 | 521 | 518 | 517 | 520 | 522 | 517 | 521 | 529 | 548 | 592 | 656 | 642 | 592 | 542 | 522 | 515 | 509 | 500 | 498 | 536 |
| 19 | 499 | 503 | 509 | 516 | 516 | 514 | 522 | 497 | 529 | 542 | 575 | 567 | 586 | 714 | 708 | 679 | 679 | 639 | 612 | 521 | 505 | 496 | 512 | 521 | 561 |
| Q20 | 522 | 519 | 509 | 498 | 477 | 495 | 514 | 521 | 518 | 516 | 516 | 517 | 524 | 524 | 528 | 541 | 554 | 558 | 551 | 529 | 522 | 514 | 486 | 449 | 517 |
| 21 | 420 | 397 | 434 | 473 | 460 | 459 | 484 | 497 | 507 | 512 | 529 | 535 | 522 | 529 | 537 | 528 | 517 | 510 | 521 | 530 | 511 | 496 | 470 | 476 | 494 |
| 22 | 478 | 438 | 484 | 505 | 504 | 491 | 486 | 498 | 524 | 527 | 516 | 504 | 509 | 521 | 554 | 613 | 553 | 567 | 586 | 547 | 268 | 367 | 376 | 310 | 489 |
| 23 | 368 | 459 | 515 | 522 | 517 | 516 | 517 | 516 | 512 | 510 | 522 | 528 | 541 | 580 | 656 | 649 | 641 | 534 | 555 | 547 | 517 | 509 | 496 | 373 | 525 |
| 24 | 421 | 467 | 388 | 395 | 434 | 474 | 505 | 505 | 511 | 511 | 510 | 510 | 522 | 533 | 534 | 528 | 523 | 518 | 515 | 511 | 509 | 509 | 508 | 503 | 493 |
| Q25 | 503 | 505 | 509 | 509 | 509 | 505 | 504 | 503 | 503 | 503 | 497 | 496 | 499 | 509 | 524 | 529 | 554 | 554 | 609 | 521 | 521 | 490 | 497 | 494 | 512 |
| 26 | 503 | 503 | 472 | 448 | 479 | 500 | 509 | 509 | 504 | 498 | 499 | 516 | 529 | 524 | 510 | 517 | 522 | 522 | 522 | 519 | 514 | 501 | 467 | 453 | 502 |
| 27 | 482 | 496 | 497 | 496 | 497 | 495 | 495 | 497 | 489 | 484 | 477 | 477 | 495 | 486 | 485 | 502 | 628 | 647 | 557 | 573 | 449 | 326 | 322 | 466 | 492 |
| 28 | 426 | 479 | 516 | 510 | 504 | 504 | 509 | 498 | 493 | 496 | 500 | 503 | 503 | 490 | 599 | 576 | 578 | 568 | 562 | 543 | 522 | 502 | 483 | 491 | 515 |
| D29 | 410 | 361 | 326 | 310 | 375 | 469 | 478 | 485 | 510 | 528 | 521 | 536 | 567 | 570 | 601 | 601 | 613 | 607 | 453 | 256 | 459 | 416 | 472 | 497 | 476 |
| 30 | 442 | 469 | 465 | 440 | 364 | 459 | 491 | 513 | 510 | 510 | 521 | 539 | 558 | 556 | 541 | 536 | 521 | 516 | 567 | 472 | 480 | 399 | 319 | 364 | 481 |
| D31 | 389 | 316 | 333 | 334 | 354 | 484 | 458 | 478 | 498 | 505 | 545 | 563 | 580 | 610 | 644 | 640 | 573 | 592 | 528 | 498 | 522 | 382 | 370 | 378 | 415 |
| M | 441 | 437 | 443 | 442 | 459 | 459 | 485 | 500 | 506 | 508 | 513 | 523 | 531 | 542 | 555 | 542 | 556 | 539 | 532 | 497 | 479 | 476 | 445 | 436 | 494 |
| MQ | 500 | 494 | 496 | 499 | 496 | 501 | 505 | 506 | 507 | 506 | 503 | 506 | 511 | 521 | 542 | 554 | 547 | 540 | 539 | 512 | 509 | 502 | 494 | 482 | 511 |
| MD | 369 | 333 | 328 | 329 | 422 | 381 | 461 | 517 | 525 | 521 | 530 | 563 | 573 | 574 | 571 | 473 | 547 | 487 | 439 | 352 | 397 | 476 | 373 | 378 | 455 |

APRIL

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|------|-----|
| D 1 | 441 | 365 | 416 | 427 | 431 | 454 | 441 | 494 | 498 | 516 | 534 | 543 | 543 | 579 | 605 | 605 | 555 | 560 | 537 | 357 | 452 | 355 | 381 | 411 | 479 |
| 2 | 477 | 489 | 478 | 461 | 472 | 498 | 510 | 510 | 510 | 513 | 520 | 516 | 545 | 560 | 573 | 586 | 569 | 512 | 523 | 529 | 522 | 497 | 495 | 492 | 515 |
| 3 | 476 | 420 | 433 | 454 | 484 | 503 | 504 | 510 | 511 | 510 | 505 | 502 | 503 | 525 | 560 | 567 | 535 | 517 | 519 | 525 | 441 | 410 | 374 | 168 | 477 |
| D 4 | 392 | 417 | 384 | 395 | 461 | 510 | 510 | 503 | 483 | 499 | 511 | 551 | 550 | 530 | 537 | 569 | 612 | 548 | 513 | 427 | 506 | 461 | 238 | 364 | 478 |
| D 5 | 200 | 390 | 402 | 423 | 459 | 490 | 504 | 499 | 507 | 523 | 555 | 562 | 555 | 574 | 587 | 557 | 537 | 554 | 543 | 511 | 377 | 481 | 454 | 382 | 484 |
| 6 | 430 | 425 | 371 | 459 | 496 | 512 | 516 | 511 | 511 | 506 | 504 | 504 | 503 | 510 | 520 | 536 | 537 | 523 | 524 | 519 | 513 | 478 | 467 | 488 | 494 |
| 7 | 500 | 500 | 499 | 503 | 504 | 499 | 499 | 493 | 497 | 497 | 507 | 545 | 594 | 588 | 607 | 656 | 642 | 641 | 579 | 465 | 499 | 485 | 449 | 377 | 526 |
| 8 | 433 | 429 | 418 | 478 | 502 | 497 | 505 | 503 | 515 | 525 | 525 | 530 | 537 | 545 | 525 | 523 | 543 | 586 | 561 | 510 | 500 | 478 | 455 | 461 | 503 |
| 9 | 448 | 423 | 459 | 482 | 487 | 500 | 505 | 504 | 506 | 504 | 506 | 507 | 506 | 513 | 516 | 522 | 539 | 537 | 550 | 449 | 481 | 467 | 443 | 486 | 493 |
| Q10 | 454 | 478 | 500 | 505 | 505 | 506 | 504 | 506 | 510 | 504 | 501 | 505 | 505 | 506 | 520 | 535 | 530 | 532 | 523 | 501 | 494 | 500 | 490 | 483 | 504 |
| 11 | 492 | 497 | 497 | 496 | 494 | 494 | 503 | 503 | 501 | 496 | 491 | 485 | 484 | 491 | 497 | 500 | 536 | 537 | 515 | 506 | 504 | 503 | 492 | 500 | 492 |
| Q12 | 487 | 487 | 493 | 497 | 498 | 499 | 499 | 488 | 484 | 484 | 487 | 487 | 492 | 499 | 504 | 504 | 506 | 506 | 504 | 497 | 497 | 498 | 496 | 498 | 495 |
| 13 | 497 | 493 | 490 | 493 | 497 | 497 | 492 | 478 | 489 | 497 | 517 | 512 | 523 | 551 | 589 | 605 | 587 | 563 | 569 | 537 | 516 | 506 | 498</td | | |

DOMBÅS 1989
MAYVERTICAL INTENSITY Z = 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES.

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 436 | 460 | 491 | 501 | 503 | 504 | 503 | 508 | 506 | 498 | 492 | 487 | 483 | 486 | 488 | 504 | 512 | 531 | 526 | 524 | 515 | 506 | 472 | 461 | 496 |
| 2 | 391 | 415 | 410 | 409 | 447 | 462 | 462 | 472 | 487 | 499 | 504 | 498 | 505 | 530 | 558 | 555 | 532 | 531 | 542 | 486 | 474 | 493 | 481 | 441 | 483 |
| 3 | 409 | 443 | 448 | 486 | 493 | 481 | 481 | 492 | 497 | 493 | 491 | 488 | 491 | 500 | 502 | 505 | 505 | 514 | 528 | 511 | 499 | 476 | 460 | 434 | 485 |
| 4 | 468 | 462 | 450 | 443 | 441 | 455 | 470 | 482 | 491 | 492 | 491 | 492 | 511 | 516 | 527 | 544 | 569 | 536 | 513 | 526 | 506 | 474 | 479 | 474 | 492 |
| D 5 | 295 | 172 | 290 | 283 | 192 | 312 | 391 | 479 | 506 | 511 | 506 | 511 | 516 | 518 | 530 | 538 | 524 | 521 | 510 | 506 | 524 | 474 | 485 | 495 | 441 |
| 6 | 475 | 482 | 474 | 481 | 487 | 486 | 498 | 495 | 493 | 500 | 500 | 498 | 511 | 511 | 511 | 531 | 536 | 514 | 500 | 493 | 498 | 519 | 504 | 500 | 500 |
| D 7 | 500 | 500 | 500 | 500 | 504 | 494 | 500 | 481 | 485 | 486 | 514 | 523 | 594 | 657 | 645 | 638 | 613 | 548 | 542 | 512 | 472 | 283 | 439 | 490 | 517 |
| Q 8 | 493 | 505 | 512 | 518 | 518 | 518 | 518 | 518 | 511 | 504 | 498 | 499 | 503 | 505 | 513 | 531 | 528 | 518 | 511 | 506 | 492 | 481 | 487 | 508 | |
| Q 9 | 493 | 493 | 502 | 504 | 505 | 505 | 505 | 499 | 493 | 480 | 469 | 469 | 474 | 487 | 507 | 518 | 518 | 511 | 504 | 499 | 498 | 499 | 497 | 497 | |
| Q10 | 493 | 493 | 500 | 500 | 506 | 509 | 505 | 498 | 490 | 479 | 473 | 470 | 479 | 487 | 493 | 499 | 500 | 499 | 497 | 493 | 498 | 500 | 491 | 472 | 493 |
| Q11 | 486 | 493 | 498 | 504 | 501 | 498 | 492 | 487 | 484 | 474 | 467 | 468 | 474 | 485 | 504 | 516 | 508 | 500 | 492 | 492 | 493 | 493 | 493 | 495 | 492 |
| 12 | 496 | 501 | 503 | 495 | 473 | 449 | 460 | 462 | 467 | 469 | 472 | 479 | 485 | 500 | 507 | 519 | 562 | 549 | 530 | 517 | 512 | 510 | 506 | 505 | 497 |
| 13 | 500 | 506 | 508 | 505 | 504 | 498 | 493 | 492 | 487 | 480 | 474 | 480 | 486 | 491 | 481 | 490 | 505 | 518 | 527 | 517 | 507 | 500 | 491 | 492 | 497 |
| 14 | 492 | 498 | 504 | 499 | 490 | 474 | 472 | 479 | 476 | 473 | 474 | 484 | 500 | 511 | 518 | 532 | 537 | 536 | 505 | 504 | 498 | 498 | 477 | 473 | 496 |
| 15 | 488 | 492 | 493 | 499 | 500 | 492 | 487 | 486 | 485 | 486 | 481 | 475 | 485 | 504 | 514 | 511 | 505 | 507 | 514 | 530 | 512 | 498 | 504 | 499 | 498 |
| 16 | 504 | 505 | 501 | 502 | 500 | 496 | 494 | 493 | 492 | 485 | 474 | 475 | 486 | 496 | 507 | 512 | 520 | 519 | 518 | 512 | 504 | 498 | 495 | 495 | 499 |
| 17 | 498 | 500 | 498 | 487 | 476 | 477 | 476 | 479 | 481 | 479 | 486 | 492 | 501 | 523 | 523 | 518 | 514 | 500 | 501 | 501 | 497 | 493 | 497 | 497 | 496 |
| 18 | 498 | 500 | 500 | 494 | 485 | 486 | 492 | 488 | 481 | 471 | 468 | 478 | 488 | 500 | 512 | 514 | 511 | 513 | 505 | 500 | 495 | 500 | 499 | 498 | 495 |
| Q19 | 499 | 500 | 500 | 500 | 498 | 494 | 493 | 491 | 482 | 482 | 482 | 484 | 486 | 485 | 485 | 489 | 495 | 498 | 500 | 505 | 498 | 498 | 493 | 488 | 493 |
| 20 | 488 | 485 | 479 | 484 | 492 | 498 | 498 | 497 | 492 | 486 | 481 | 491 | 530 | 535 | 530 | 518 | 518 | 513 | 511 | 500 | 502 | 500 | 497 | 493 | 501 |
| 21 | 495 | 500 | 500 | 505 | 502 | 493 | 487 | 485 | 488 | 482 | 488 | 500 | 511 | 519 | 522 | 518 | 514 | 511 | 506 | 501 | 495 | 498 | 492 | 492 | 500 |
| 22 | 492 | 485 | 485 | 486 | 483 | 485 | 485 | 486 | 481 | 480 | 480 | 486 | 504 | 511 | 506 | 524 | 522 | 505 | 498 | 495 | 488 | 491 | 472 | 472 | 492 |
| D23 | 491 | 493 | 498 | 500 | 499 | 498 | 493 | 493 | 485 | 473 | 475 | 476 | 479 | 479 | 479 | 502 | 604 | 601 | 570 | 576 | 537 | 499 | 307 | 232 | 489 |
| D24 | 305 | 336 | 328 | 400 | 462 | 450 | 418 | 462 | 498 | 531 | 574 | 641 | 660 | 621 | 564 | 561 | 594 | 501 | 491 | 436 | 422 | 394 | 337 | 323 | 471 |
| D25 | 333 | 296 | 357 | 391 | 455 | 493 | 505 | 512 | 535 | 517 | 500 | 498 | 497 | 532 | 566 | 549 | 552 | 536 | 493 | 488 | 498 | 479 | 441 | 429 | 477 |
| M | 454 | 451 | 461 | 472 | 478 | 482 | 485 | 491 | 492 | 489 | 488 | 493 | 503 | 514 | 522 | 528 | 533 | 522 | 514 | 505 | 498 | 482 | 468 | 457 | 491 |
| MQ | 493 | 497 | 502 | 505 | 506 | 505 | 503 | 498 | 492 | 484 | 478 | 478 | 483 | 490 | 500 | 511 | 510 | 505 | 501 | 500 | 499 | 496 | 491 | 488 | 496 |
| MD | 385 | 359 | 395 | 415 | 422 | 449 | 461 | 485 | 502 | 504 | 514 | 530 | 549 | 561 | 557 | 558 | 578 | 541 | 521 | 504 | 491 | 426 | 402 | 394 | 479 |

JUNE

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 1 | 416 | 435 | 453 | 462 | 472 | 486 | 492 | 491 | 487 | 480 | 472 | 474 | 475 | 485 | 498 | 500 | 513 | 516 | 518 | 512 | 500 | 493 | 433 | 448 | 480 |
| 2 | 471 | 480 | 486 | 487 | 494 | 502 | 495 | 480 | 476 | 486 | 488 | 483 | 537 | 588 | 552 | 558 | 549 | 545 | 531 | 519 | 504 | 487 | 497 | 450 | 506 |
| 3 | 397 | 359 | 403 | 442 | 493 | 505 | 505 | 499 | 493 | 486 | 481 | 474 | 479 | 491 | 506 | 544 | 576 | 561 | 556 | 531 | 519 | 485 | 442 | 397 | 484 |
| 4 | 326 | 370 | 366 | 326 | 328 | 417 | 481 | 494 | 487 | 477 | 475 | 476 | 482 | 493 | 512 | 517 | 523 | 530 | 519 | 518 | 512 | 498 | 486 | 480 | 462 |
| 5 | 490 | 499 | 505 | 506 | 504 | 496 | 494 | 498 | 494 | 486 | 475 | 470 | 470 | 475 | 488 | 507 | 519 | 518 | 500 | 488 | 493 | 488 | 462 | 491 | 491 |
| 6 | 479 | 486 | 461 | 453 | 449 | 460 | 477 | 481 | 475 | 469 | 467 | 472 | 479 | 487 | 492 | 493 | 493 | 493 | 492 | 492 | 492 | 492 | 493 | 475 | 479 |
| D 7 | 424 | 258 | 250 | 342 | 367 | 386 | 410 | 455 | 456 | 481 | 519 | 556 | 547 | 513 | 518 | 518 | 518 | 521 | 518 | 511 | 493 | 490 | 494 | 456 | 458 |
| 8 | 428 | 456 | 398 | 474 | 492 | 494 | 500 | 501 | 499 | 493 | 493 | 493 | 491 | 492 | 495 | 505 | 505 | 504 | 501 | 505 | 480 | 487 | 485 | 373 | 481 |
| D 9 | 366 | 345 | 188 | 409 | 486 | 509 | 511 | 505 | 506 | 500 | 500 | 505 | 512 | 517 | 531 | 537 | 530 | 524 | 518 | 525 | 518 | 511 | 491 | 391 | 477 |
| D10 | 302 | 232 | 333 | 404 | 321 | 391 | 380 | 453 | 535 | 556 | 580 | 641 | 626 | 587 | 539 | 537 | 512 | 491 | 462 | 486 | 484 | 471 | 456 | 479 | 469 |
| 11 | 472 | 504 | 511 | 485 | 451 | 475 | 477 | 502 | 517 | 518 | 512 | 512 | 531 | 544 | 549 | 547 | 550 | 566 | 541 | 537 | 518 | 487 | 517 | 501 | 514 |
| 12 | 475 | 453 | 459 | 476 | 491 | 491 | 500 | 505 | 505 | 507 | 516 | 512 | 517 | 518 | 531 | 544 | 549 | 544 | 521 | 513 | 511 | 512 | 506 | 505 | 507 |
| 13 | 504 | 498 | 481 | 486 | 494 | 504 | 499 | 500 | 502 | 507 | 500 | 504 | 512 | 517 | 533 | 569 | 569 | 537 | 505 | 505 | 512 | 498 | 500 | 505 | 504 |
| D14 | 501 | 495 | 483 | 442 | 378 | 397 | 443 | 447 | 474 | 485 | 493 | 518 | 556 | 570 | 627 | 632 | 589 | 543 | 507 | 506 | 505 | 486 | 410 | 430 | 497 |
| D15 | 424 | 387 | 322 | 443 | 501 | 519 | 519 | 514 | 525 | 538 | 551 | 564 | 627 | 621 | 619 | 609 | 576 | 588 | 525 | 481 | 513 | 487 | 461 | 468 | 516 |
| 16 | 491 | 501 | 486 | 430 | 456 | 486 | 507 | 518 | 518 | 520 | 513 | 510 | 519 | 528 | 538 | 552 | 551 | 543 | 526 | 513 | 512 | 512 | 512 | 512 | 511 |
| Q17 | 512 | 508 | 510 | 510 | 506 | 508 | 507 | 506 | 501 | 493 | 485 | 482 | 494 | 506 | 514 | 514 | 513 | 525 | 525 | 519 | 512 | 507 | 506 | 500 | 507 |
| Q18 | 503 | 507 | 513 | 513 | 513 | 512 | 517 | 506 | 495 | 489 | 482 | 482 | 487 | 487 | 488 | 494 | 496 | 499 | 499 | 500 | 499 | 499 | 499 | 499 | 499 |
| 19 | 500 | 501 | 506 | 510 | 505 | 504 | 494 | 492 | 493 | 492 | 488 | 486 | 493 | 506 | 504 | 527 | 527 | 532 | 527 | 522 | 513 | 492 | 467 | 446</ | |

DOMBÅS 1989

VERTICAL INTENSITY Z = 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| D 1 | 489 | 493 | 494 | 495 | 495 | 490 | 489 | 488 | 481 | 471 | 468 | 464 | 469 | 481 | 486 | 489 | 501 | 521 | 514 | 526 | 412 | 452 | 351 | 426 | |
| 2 | 450 | 452 | 482 | 502 | 509 | 496 | 495 | 500 | 499 | 501 | 502 | 507 | 514 | 517 | 519 | 514 | 511 | 507 | 501 | 500 | 499 | 496 | 495 | 500 | |
| Q 3 | 500 | 500 | 501 | 501 | 500 | 501 | 504 | 502 | 504 | 503 | 500 | 495 | 490 | 493 | 503 | 511 | 509 | 509 | 509 | 508 | 506 | 502 | 502 | 501 | |
| Q 4 | 502 | 501 | 500 | 502 | 500 | 501 | 498 | 494 | 488 | 487 | 482 | 482 | 484 | 488 | 492 | 497 | 496 | 495 | 496 | 495 | 495 | 494 | 493 | 494 | |
| D 5 | 495 | 496 | 496 | 500 | 499 | 495 | 493 | 490 | 488 | 478 | 475 | 474 | 488 | 493 | 502 | 513 | 503 | 488 | 526 | 502 | 464 | 392 | 436 | 472 | |
| 6 | 466 | 481 | 488 | 483 | 474 | 458 | 464 | 469 | 475 | 475 | 469 | 471 | 484 | 500 | 520 | 546 | 544 | 546 | 539 | 532 | 507 | 504 | 500 | 495 | |
| 7 | 489 | 489 | 490 | 489 | 484 | 489 | 496 | 484 | 483 | 482 | 478 | 482 | 482 | 495 | 496 | 503 | 508 | 511 | 508 | 501 | 496 | 496 | 495 | 494 | |
| Q 8 | 495 | 497 | 501 | 503 | 503 | 493 | 493 | 489 | 486 | 480 | 477 | 473 | 476 | 484 | 488 | 496 | 502 | 497 | 494 | 495 | 495 | 495 | 494 | 492 | |
| 9 | 494 | 494 | 489 | 484 | 483 | 485 | 494 | 491 | 491 | 483 | 472 | 470 | 475 | 482 | 482 | 484 | 489 | 493 | 489 | 486 | 484 | 489 | 489 | 486 | |
| 10 | 489 | 489 | 491 | 488 | 479 | 472 | 472 | 478 | 482 | 477 | 470 | 470 | 488 | 503 | 508 | 516 | 526 | 523 | 526 | 508 | 493 | 477 | 446 | 472 | |
| Q11 | 483 | 489 | 491 | 496 | 501 | 500 | 501 | 501 | 497 | 491 | 482 | 474 | 469 | 474 | 488 | 496 | 502 | 501 | 498 | 496 | 496 | 491 | 489 | 490 | |
| 12 | 495 | 494 | 493 | 494 | 496 | 496 | 491 | 489 | 482 | 472 | 463 | 460 | 465 | 476 | 478 | 482 | 489 | 490 | 489 | 489 | 488 | 488 | 488 | 485 | |
| 13 | 487 | 489 | 489 | 489 | 494 | 491 | 482 | 479 | 472 | 469 | 474 | 476 | 484 | 490 | 489 | 517 | 512 | 508 | 497 | 494 | 491 | 491 | 489 | 489 | |
| 14 | 489 | 490 | 490 | 491 | 491 | 491 | 495 | 494 | 488 | 483 | 484 | 488 | 483 | 489 | 491 | 489 | 494 | 501 | 503 | 494 | 489 | 488 | 487 | 486 | |
| 15 | 484 | 485 | 490 | 490 | 491 | 477 | 478 | 483 | 484 | 483 | 479 | 483 | 478 | 496 | 509 | 516 | 516 | 515 | 510 | 504 | 500 | 490 | 492 | 492 | |
| Q16 | 499 | 501 | 497 | 496 | 491 | 490 | 491 | 492 | 490 | 483 | 472 | 472 | 477 | 484 | 492 | 499 | 503 | 497 | 491 | 490 | 490 | 490 | 490 | 490 | |
| DL7 | 491 | 492 | 490 | 495 | 491 | 488 | 485 | 478 | 475 | 471 | 466 | 466 | 476 | 486 | 490 | 492 | 499 | 511 | 534 | 511 | 499 | 492 | 489 | 472 | |
| DL8 | 428 | 396 | 391 | 421 | 435 | 433 | 452 | 473 | 485 | 491 | 495 | 496 | 515 | 527 | 549 | 576 | 570 | 548 | 536 | 530 | 516 | 504 | 497 | 497 | 490 |
| 19 | 497 | 491 | 488 | 492 | 492 | 497 | 498 | 502 | 492 | 488 | 481 | 475 | 476 | 490 | 502 | 497 | 496 | 492 | 490 | 490 | 495 | 495 | 496 | 492 | |
| 20 | 497 | 498 | 497 | 502 | 502 | 497 | 494 | 497 | 490 | 484 | 473 | 460 | 464 | 471 | 478 | 484 | 485 | 490 | 491 | 492 | 492 | 490 | 483 | 477 | |
| 21 | 471 | 483 | 493 | 497 | 494 | 485 | 478 | 478 | 479 | 478 | 473 | 471 | 473 | 486 | 497 | 499 | 502 | 502 | 496 | 490 | 495 | 495 | 492 | 493 | |
| 22 | 491 | 494 | 495 | 495 | 492 | 489 | 485 | 489 | 491 | 491 | 485 | 484 | 497 | 503 | 517 | 520 | 521 | 515 | 505 | 497 | 491 | 487 | 487 | 483 | |
| 23 | 472 | 478 | 478 | 466 | 472 | 479 | 478 | 478 | 476 | 472 | 472 | 472 | 472 | 485 | 485 | 498 | 499 | 500 | 498 | 498 | 492 | 485 | 478 | 446 | |
| 24 | 447 | 460 | 472 | 484 | 484 | 484 | 480 | 490 | 493 | 484 | 479 | 476 | 478 | 480 | 491 | 498 | 496 | 498 | 499 | 494 | 490 | 485 | 479 | 484 | |
| 25 | 484 | 482 | 473 | 472 | 479 | 484 | 486 | 485 | 477 | 472 | 478 | 470 | 471 | 479 | 484 | 487 | 490 | 491 | 487 | 486 | 490 | 486 | 472 | 453 | |
| D26 | 472 | 482 | 484 | 486 | 486 | 486 | 488 | 485 | 482 | 479 | 484 | 473 | 474 | 522 | 536 | 530 | 523 | 507 | 523 | 505 | 486 | 485 | 481 | 461 | |
| 27 | 465 | 479 | 487 | 480 | 487 | 493 | 486 | 486 | 485 | 479 | 477 | 474 | 484 | 487 | 492 | 510 | 524 | 523 | 504 | 491 | 485 | 482 | 472 | 488 | |
| 28 | 481 | 486 | 484 | 460 | 465 | 476 | 479 | 484 | 486 | 480 | 467 | 460 | 471 | 482 | 491 | 504 | 505 | 505 | 503 | 510 | 500 | 486 | 484 | 446 | |
| 29 | 453 | 459 | 467 | 480 | 486 | 490 | 486 | 481 | 467 | 468 | 465 | 461 | 466 | 478 | 486 | 491 | 492 | 505 | 505 | 516 | 493 | 487 | 465 | 478 | |
| 30 | 486 | 485 | 491 | 493 | 493 | 492 | 485 | 482 | 479 | 477 | 474 | 474 | 479 | 484 | 491 | 499 | 503 | 505 | 497 | 498 | 491 | 473 | 467 | 483 | |
| 31 | 486 | 479 | 472 | 479 | 486 | 485 | 484 | 484 | 484 | 480 | 473 | 468 | 471 | 484 | 493 | 497 | 493 | 491 | 491 | 491 | 490 | 485 | 481 | 475 | |
| M | 481 | 483 | 485 | 487 | 488 | 487 | 487 | 487 | 485 | 481 | 477 | 475 | 479 | 490 | 498 | 504 | 507 | 506 | 505 | 501 | 491 | 486 | 480 | 480 | |
| MQ | 496 | 498 | 498 | 499 | 499 | 497 | 498 | 496 | 493 | 489 | 483 | 479 | 479 | 485 | 492 | 499 | 502 | 500 | 498 | 497 | 496 | 494 | 494 | 494 | |
| MD | 475 | 472 | 471 | 479 | 481 | 478 | 481 | 483 | 482 | 478 | 478 | 475 | 484 | 502 | 512 | 520 | 519 | 516 | 527 | 515 | 475 | 465 | 451 | 465 | |

AUGUST

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Q 1 | 480 | 480 | 486 | 491 | 489 | 480 | 476 | 472 | 466 | 462 | 466 | 466 | 467 | 477 | 486 | 493 | 499 | 500 | 497 | 491 | 493 | 487 | 482 | 480 |
| 2 | 467 | 449 | 461 | 475 | 485 | 482 | 478 | 473 | 473 | 467 | 461 | 461 | 467 | 475 | 485 | 486 | 486 | 486 | 487 | 490 | 493 | 493 | 491 | 488 |
| Q 3 | 487 | 487 | 487 | 486 | 485 | 477 | 473 | 480 | 485 | 487 | 486 | 480 | 475 | 473 | 480 | 494 | 505 | 510 | 506 | 499 | 492 | 489 | 487 | 482 |
| 4 | 480 | 485 | 487 | 494 | 494 | 492 | 486 | 487 | 472 | 463 | 462 | 466 | 468 | 472 | 487 | 515 | 524 | 506 | 505 | 501 | 499 | 489 | 489 | 475 |
| Q 5 | 477 | 487 | 492 | 497 | 494 | 493 | 492 | 487 | 486 | 479 | 469 | 466 | 468 | 475 | 480 | 491 | 497 | 492 | 489 | 487 | 485 | 485 | 484 | 485 |
| 6 | 485 | 487 | 491 | 493 | 492 | 492 | 491 | 492 | 485 | 485 | 477 | 473 | 480 | 487 | 492 | 492 | 492 | 492 | 504 | 517 | 506 | 499 | 485 | 492 |
| 7 | 481 | 491 | 493 | 495 | 494 | 487 | 489 | 483 | 476 | 469 | 462 | 463 | 468 | 486 | 500 | 507 | 502 | 509 | 506 | 506 | 488 | 488 | 473 | 488 |
| 8 | 476 | 480 | 485 | 488 | 490 | 491 | 488 | 486 | 481 | 479 | 476 | 476 | 479 | 488 | 481 | 498 | 495 | 492 | 486 | 488 | 491 | 488 | 486 | 485 |
| 9 | 462 | 473 | 486 | 493 | 494 | 493 | 488 | 485 | 479 | 474 | 473 | 474 | 475 | 482 | 492 | 487 | 489 | 494 | 484 | 486 | 518 | 507 | 495 | 475 |
| D10 | 460 | 456 | 403 | 394 | 403 | 436 | 462 | 487 | 493 | 465 | 486 | 538 | 525 | 444 | 575 | 639 | 627 | 539 | 501 | 487 | 500 | 468 | 392 | 373 |
| 11 | 425 | 344 | 335 | 368 | 403 | 398 | 454 | 481 | 493 | 493 | 506 | 533 | 565 | 543 | 531 | 549 | 556 | 538 | 520 | 512 | 505 | 500 | 501 | 488 |
| 12 | 440 | 418 | 418 | 454 | 475 | 485 | 487 | 488 | 488 | 485 | 484 | 486 | 493 | 493 | 493 | 509 | 510 | 499 | 493 | 495 | 498 | 497 | 481 | 448 |
| 13 | 427 | 443 | 470 | 462 | 474 | 469 | 469 | 481 | 488 | 488 | 500 | 514 | 525 | 513 | 500 | 498 | 494 | 495 | 494 | 493 | 495 | 495 | 498 | 486 |
| D14 | 488 | 481 | 444 | 449 | 467 | 476 | 505 | 525 | 548 | 520 | 563 | 570 | 608 | 628 | 619 | 588 | 563 | 558 | 563 | 539 | 525 | 469 | 388 | 365 |
| D15 | 272 | 183 | 234 | 164 | 463 | 385 | 361 | 477 | 529 | 563 | 571 | 566 | 628 | 571 | 538</td | | | | | | | | | |

DOMBÅS 1989
SEPTEMBERVERTICAL INTENSITY Z - 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES.

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 496 | 472 | 482 | 497 | 503 | 503 | 498 | 497 | 498 | 502 | 496 | 497 | 510 | 522 | 540 | 534 | 529 | 521 | 506 | 503 | 503 | 503 | 503 | 505 | |
| 2 | 502 | 501 | 489 | 495 | 498 | 503 | 503 | 501 | 497 | 491 | 498 | 508 | 515 | 541 | 566 | 599 | 578 | 529 | 522 | 515 | 517 | 508 | 504 | 504 | 516 |
| 3 | 498 | 501 | 500 | 501 | 502 | 490 | 491 | 485 | 484 | 484 | 495 | 503 | 510 | 515 | 521 | 528 | 515 | 510 | 510 | 509 | 503 | 503 | 495 | 502 | |
| D 4 | 451 | 338 | 314 | 312 | 377 | 435 | 446 | 465 | 490 | 515 | 528 | 546 | 548 | 534 | 541 | 541 | 526 | 515 | 510 | 510 | 508 | 505 | 465 | 395 | 471 |
| 5 | 383 | 438 | 339 | 301 | 352 | 444 | 484 | 490 | 503 | 507 | 504 | 514 | 517 | 510 | 515 | 515 | 508 | 504 | 503 | 503 | 504 | 508 | 510 | 508 | 473 |
| 6 | 503 | 503 | 507 | 508 | 503 | 503 | 501 | 497 | 502 | 497 | 496 | 503 | 521 | 540 | 529 | 529 | 552 | 541 | 515 | 522 | 510 | 508 | 498 | 501 | 512 |
| 7 | 493 | 484 | 496 | 503 | 508 | 509 | 503 | 503 | 496 | 498 | 497 | 486 | 517 | 547 | 548 | 555 | 523 | 560 | 515 | 503 | 508 | 452 | 429 | 381 | 501 |
| 8 | 399 | 474 | 490 | 496 | 486 | 482 | 470 | 471 | 479 | 480 | 491 | 509 | 516 | 516 | 516 | 534 | 555 | 534 | 522 | 510 | 508 | 501 | 498 | 471 | 496 |
| 9 | 479 | 477 | 491 | 503 | 504 | 503 | 508 | 508 | 503 | 496 | 491 | 484 | 502 | 502 | 503 | 522 | 527 | 507 | 498 | 497 | 510 | 508 | 512 | 517 | 502 |
| 10 | 510 | 496 | 491 | 481 | 484 | 484 | 477 | 484 | 484 | 489 | 487 | 490 | 501 | 515 | 523 | 510 | 507 | 528 | 522 | 519 | 510 | 508 | 495 | 498 | 500 |
| Q11 | 501 | 498 | 497 | 500 | 503 | 503 | 502 | 496 | 491 | 489 | 484 | 491 | 491 | 493 | 492 | 495 | 495 | 492 | 496 | 498 | 497 | 496 | 497 | 495 | 496 |
| 12 | 496 | 496 | 489 | 472 | 465 | 472 | 465 | 470 | 483 | 491 | 486 | 490 | 491 | 503 | 522 | 522 | 509 | 498 | 497 | 498 | 498 | 497 | 496 | 496 | 492 |
| 13 | 497 | 497 | 496 | 502 | 504 | 504 | 503 | 497 | 490 | 484 | 485 | 485 | 485 | 486 | 490 | 505 | 521 | 524 | 523 | 516 | 503 | 458 | 484 | 496 | 497 |
| Q14 | 496 | 501 | 502 | 498 | 497 | 502 | 502 | 497 | 490 | 487 | 491 | 496 | 490 | 494 | 496 | 497 | 496 | 496 | 497 | 496 | 496 | 497 | 496 | 496 | 496 |
| D15 | 497 | 497 | 497 | 493 | 477 | 453 | 479 | 485 | 497 | 491 | 485 | 492 | 525 | 516 | 604 | 553 | 560 | 596 | 545 | 515 | 459 | 250 | 473 | 348 | 491 |
| 16 | 553 | 377 | 321 | 314 | 337 | 389 | 485 | 502 | 510 | 511 | 530 | 548 | 548 | 549 | 562 | 562 | 566 | 565 | 555 | 541 | 536 | 535 | 530 | 517 | 498 |
| 17 | 505 | 516 | 517 | 516 | 516 | 516 | 516 | 515 | 510 | 509 | 509 | 509 | 509 | 511 | 510 | 510 | 510 | 504 | 504 | 504 | 504 | 506 | 502 | 510 | |
| D18 | 472 | 421 | 468 | 491 | 497 | 500 | 496 | 496 | 497 | 491 | 484 | 485 | 488 | 491 | 498 | 503 | 525 | 553 | 543 | 526 | 509 | 516 | 709 | 646 | 513 |
| D19 | 442 | 654 | 450 | 247 | 154 | 167 | 320 | 509 | 518 | 523 | 537 | 525 | 530 | 535 | 535 | 541 | 543 | 555 | 579 | 556 | 548 | 535 | 529 | 528 | 482 |
| Q20 | 528 | 523 | 523 | 523 | 522 | 516 | 518 | 517 | 516 | 511 | 511 | 512 | 517 | 523 | 529 | 523 | 523 | 516 | 516 | 516 | 522 | 518 | 515 | 509 | 519 |
| 21 | 504 | 484 | 482 | 497 | 506 | 511 | 509 | 509 | 507 | 507 | 509 | 511 | 520 | 517 | 523 | 517 | 516 | 510 | 510 | 510 | 509 | 509 | 505 | 490 | 507 |
| 22 | 490 | 504 | 504 | 499 | 503 | 503 | 502 | 511 | 504 | 505 | 515 | 524 | 548 | 604 | 595 | 565 | 563 | 580 | 523 | 527 | 518 | 504 | 496 | 504 | 525 |
| Q23 | 505 | 511 | 512 | 512 | 514 | 516 | 517 | 517 | 516 | 510 | 506 | 505 | 505 | 505 | 505 | 504 | 503 | 505 | 505 | 506 | 505 | 504 | 505 | 508 | 508 |
| 24 | 505 | 505 | 505 | 505 | 505 | 510 | 510 | 508 | 503 | 497 | 492 | 493 | 494 | 506 | 511 | 505 | 503 | 500 | 505 | 510 | 505 | 441 | 453 | 454 | 497 |
| Q25 | 460 | 468 | 478 | 489 | 498 | 500 | 500 | 503 | 499 | 503 | 498 | 495 | 500 | 505 | 505 | 504 | 505 | 504 | 503 | 499 | 495 | 497 | 498 | 499 | 496 |
| D26 | 502 | 503 | 504 | 504 | 503 | 504 | 499 | 502 | 494 | 492 | 505 | 538 | 600 | 601 | 607 | 594 | 493 | 79 | 542 | 586 | 575 | 578 | 573 | 435 | 513 |
| 27 | 412 | 398 | 448 | 500 | 524 | 524 | 524 | 517 | 514 | 512 | 512 | 518 | 524 | 523 | 523 | 518 | 516 | 511 | 512 | 514 | 515 | 515 | 512 | 512 | 504 |
| 28 | 512 | 509 | 496 | 498 | 505 | 510 | 510 | 511 | 510 | 511 | 507 | 505 | 517 | 524 | 523 | 517 | 519 | 531 | 530 | 520 | 518 | 507 | 486 | 468 | 510 |
| 29 | 486 | 504 | 510 | 510 | 509 | 510 | 510 | 510 | 510 | 510 | 506 | 504 | 503 | 500 | 499 | 499 | 494 | 514 | 519 | 512 | 510 | 505 | 505 | 503 | 506 |
| 30 | 492 | 473 | 473 | 486 | 496 | 499 | 504 | 503 | 499 | 498 | 493 | 492 | 498 | 503 | 502 | 504 | 505 | 500 | 505 | 549 | 566 | 521 | 505 | 473 | 502 |
| M | 486 | 484 | 476 | 472 | 475 | 482 | 492 | 499 | 500 | 500 | 501 | 505 | 514 | 521 | 527 | 527 | 524 | 510 | 518 | 516 | 512 | 496 | 506 | 488 | 501 |
| MQ | 498 | 500 | 502 | 504 | 507 | 508 | 508 | 506 | 502 | 500 | 498 | 500 | 501 | 504 | 505 | 505 | 504 | 503 | 504 | 503 | 502 | 502 | 501 | 503 | 503 |
| MD | 473 | 483 | 446 | 409 | 402 | 412 | 448 | 491 | 499 | 502 | 508 | 517 | 538 | 536 | 557 | 546 | 530 | 460 | 544 | 539 | 520 | 477 | 550 | 470 | 494 |

OCTOBER

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 454 | 454 | 435 | 465 | 489 | 497 | 487 | 497 | 502 | 504 | 508 | 513 | 530 | 549 | 572 | 581 | 569 | 537 | 517 | 511 | 510 | 508 | 507 | 509 | 509 |
| 2 | 511 | 508 | 506 | 501 | 499 | 499 | 500 | 499 | 499 | 492 | 487 | 485 | 479 | 486 | 495 | 506 | 501 | 506 | 504 | 506 | 506 | 505 | 500 | 498 | 499 |
| 3 | 499 | 501 | 500 | 499 | 500 | 499 | 503 | 505 | 506 | 502 | 492 | 499 | 502 | 527 | 527 | 529 | 536 | 550 | 533 | 513 | 508 | 500 | 490 | 499 | 509 |
| Q 4 | 494 | 487 | 493 | 498 | 500 | 506 | 512 | 515 | 517 | 511 | 511 | 507 | 499 | 507 | 515 | 513 | 507 | 507 | 511 | 513 | 513 | 511 | 499 | 482 | 505 |
| Q 5 | 480 | 488 | 492 | 493 | 499 | 501 | 506 | 506 | 504 | 501 | 499 | 497 | 494 | 494 | 492 | 500 | 506 | 505 | 503 | 505 | 501 | 501 | 479 | 462 | 496 |
| 6 | 479 | 493 | 498 | 499 | 502 | 505 | 505 | 501 | 501 | 500 | 494 | 494 | 492 | 492 | 488 | 501 | 511 | 518 | 525 | 524 | 518 | 517 | 513 | 506 | 482 |
| 7 | 468 | 469 | 476 | 475 | 462 | 473 | 475 | 488 | 492 | 492 | 492 | 492 | 492 | 492 | 505 | 505 | 504 | 504 | 507 | 527 | 515 | 500 | 487 | 487 | 491 |
| 8 | 487 | 497 | 499 | 493 | 498 | 500 | 499 | 500 | 499 | 496 | 494 | 494 | 487 | 492 | 501 | 513 | 513 | 512 | 512 | 511 | 508 | 506 | 499 | 500 | 500 |
| 9 | 461 | 480 | 480 | 487 | 476 | 477 | 486 | 494 | 494 | 492 | 492 | 487 | 487 | 489 | 493 | 495 | 494 | 494 | 498 | 499 | 504 | 495 | 499 | 480 | 489 |
| 10 | 487 | 498 | 498 | 494 | 496 | 498 | 499 | 499 | 496 | 494 | 494 | 493 | 498 | 498 | 501 | 501 | 517 | 512 | 501 | 504 | 506 | 500 | 499 | 493 | 499 |
| 11 | 480 | 487 | 489 | 486 | 480 | 487 | 489 | 493 | 494 | 492 | 492 | 489 | 493 | 497 | 499 | 503 | 499 | 506 | 499 | 500 | 500 | 498 | 494 | 498 | 494 |
| 12 | 499 | 498 | 498 | 489 | 486 | 492 | 498 | 499 | 492 | 488 | 487 | 485 | 494 | 492 | 492 | 494 | 494 | 495 | 506 | 508 | 506 | 505 | 506 | 496 | 496 |
| Q13 | 500 | 499 | 499 | 499 | 500 | 501 | 504 | 505 | 504 | 498 | 492 | 486 | 487 | 492 | 496 | 498 | 499 | 499 | 498 | 499 | 499 | 499 | 499 | 498 | 498 |
| Q14 | 499 | 499 | 499 | 499 | 499 | 499 | 500 | 504 | 501 | 497 | 488 | 485 | 486 | 487 | 487 | 492 | 493 | 494 | 495 | 497 | 495 | 494 | 494 | 495 | 495 |

DOMBÅS 1989
NOVEMBERVERTICAL INTENSITY Z = 48000 NT + TABULAR VALUES.
HOURLY MEAN VALUES

GMT

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1 | 512 | 506 | 502 | 508 | 513 | 513 | 512 | 514 | 514 | 512 | 507 | 512 | 513 | 518 | 519 | 519 | 519 | 531 | 534 | 550 | 532 | 518 | 486 | 488 |
| 2 | 497 | 450 | 483 | 505 | 511 | 514 | 512 | 514 | 514 | 510 | 511 | 513 | 513 | 512 | 512 | 512 | 510 | 513 | 589 | 612 | 566 | 545 | 511 | 460 |
| 3 | 392 | 461 | 499 | 495 | 476 | 493 | 498 | 500 | 483 | 495 | 507 | 531 | 537 | 570 | 582 | 566 | 602 | 608 | 621 | 638 | 607 | 533 | 526 | 518 |
| D 4 | 496 | 509 | 516 | 519 | 521 | 516 | 521 | 525 | 538 | 552 | 519 | 509 | 514 | 520 | 533 | 546 | 575 | 596 | 608 | 570 | 570 | 559 | 485 | 406 |
| 5 | 431 | 500 | 512 | 500 | 505 | 519 | 519 | 526 | 527 | 528 | 532 | 526 | 520 | 525 | 525 | 520 | 519 | 519 | 564 | 565 | 487 | 476 | 472 | 464 |
| 6 | 477 | 481 | 499 | 508 | 519 | 525 | 531 | 526 | 526 | 525 | 518 | 517 | 524 | 525 | 522 | 519 | 526 | 521 | 523 | 525 | 519 | 521 | 514 | 514 |
| 7 | 501 | 444 | 431 | 455 | 490 | 495 | 500 | 500 | 502 | 508 | 514 | 518 | 523 | 552 | 545 | 526 | 521 | 514 | 513 | 514 | 526 | 529 | 520 | 514 |
| 8 | 507 | 488 | 505 | 509 | 509 | 513 | 518 | 519 | 520 | 519 | 518 | 516 | 514 | 515 | 513 | 514 | 538 | 559 | 552 | 532 | 520 | 515 | 512 | 507 |
| 9 | 509 | 499 | 475 | 418 | 418 | 480 | 507 | 514 | 519 | 525 | 521 | 514 | 513 | 525 | 519 | 514 | 513 | 585 | 589 | 558 | 551 | 537 | 507 | 480 |
| 10 | 479 | 494 | 508 | 512 | 501 | 512 | 511 | 521 | 519 | 518 | 518 | 514 | 512 | 512 | 512 | 512 | 513 | 513 | 514 | 514 | 517 | 514 | 511 | |
| 11 | 507 | 507 | 501 | 503 | 503 | 506 | 508 | 509 | 508 | 509 | 508 | 508 | 507 | 508 | 505 | 504 | 503 | 514 | 592 | 618 | 559 | 547 | 533 | 472 |
| 12 | 470 | 507 | 511 | 512 | 514 | 511 | 515 | 517 | 517 | 517 | 521 | 517 | 515 | 515 | 516 | 515 | 515 | 509 | 509 | 510 | 511 | 512 | 508 | 490 |
| D 13 | 496 | 401 | 446 | 427 | 451 | 434 | 451 | 490 | 497 | 507 | 510 | 519 | 546 | 611 | 617 | 571 | 495 | 593 | 521 | 529 | 567 | 560 | 508 | 407 |
| 14 | 446 | 484 | 497 | 510 | 510 | 524 | 523 | 528 | 533 | 534 | 535 | 535 | 529 | 529 | 529 | 527 | 528 | 522 | 522 | 523 | 531 | 529 | 461 | 503 |
| Q 15 | 502 | 457 | 471 | 505 | 521 | 521 | 520 | 521 | 522 | 522 | 521 | 521 | 521 | 521 | 522 | 521 | 520 | 517 | 515 | 515 | 516 | 514 | 515 | 515 |
| Q 16 | 515 | 514 | 512 | 510 | 510 | 511 | 514 | 516 | 521 | 517 | 521 | 515 | 515 | 515 | 517 | 521 | 520 | 521 | 521 | 516 | 521 | 520 | 503 | 482 |
| D 17 | 434 | 446 | 485 | 503 | 503 | 502 | 496 | 500 | 509 | 511 | 517 | 560 | 554 | 578 | 400 | 236 | 301 | 249 | 617 | 478 | 514 | 458 | 630 | 542 |
| D 18 | 632 | 661 | 350 | 371 | 401 | 541 | 515 | 531 | 547 | 565 | 557 | 554 | 552 | 554 | 560 | 560 | 553 | 547 | 545 | 541 | 534 | 510 | 522 | 525 |
| 19 | 525 | 525 | 527 | 527 | 528 | 528 | 528 | 533 | 533 | 529 | 533 | 534 | 534 | 535 | 540 | 540 | 533 | 545 | 573 | 501 | 482 | 521 | 477 | 471 |
| 20 | 510 | 521 | 522 | 510 | 513 | 519 | 517 | 522 | 522 | 524 | 522 | 528 | 529 | 532 | 533 | 528 | 528 | 528 | 539 | 533 | 543 | 534 | 520 | 515 |
| 21 | 491 | 440 | 464 | 489 | 492 | 503 | 503 | 503 | 508 | 510 | 508 | 515 | 517 | 521 | 521 | 521 | 521 | 518 | 517 | 518 | 516 | 516 | 515 | 515 |
| Q 22 | 515 | 515 | 515 | 515 | 514 | 514 | 515 | 514 | 513 | 514 | 515 | 515 | 510 | 510 | 516 | 517 | 528 | 555 | 535 | 534 | 532 | 515 | 497 | 497 |
| Q 23 | 489 | 460 | 482 | 502 | 510 | 514 | 515 | 515 | 515 | 512 | 511 | 510 | 508 | 513 | 515 | 516 | 515 | 514 | 515 | 515 | 515 | 522 | 527 | 527 |
| 24 | 521 | 514 | 508 | 508 | 508 | 505 | 508 | 508 | 508 | 508 | 514 | 521 | 522 | 528 | 540 | 547 | 547 | 541 | 536 | 522 | 508 | 508 | 519 | |
| Q 25 | 508 | 510 | 510 | 509 | 508 | 508 | 508 | 509 | 509 | 504 | 503 | 502 | 503 | 508 | 508 | 507 | 508 | 508 | 508 | 507 | 508 | 508 | 508 | |
| 26 | 508 | 508 | 506 | 505 | 503 | 502 | 502 | 499 | 499 | 500 | 497 | 496 | 497 | 502 | 504 | 504 | 510 | 554 | 675 | 642 | 606 | 606 | 578 | 547 |
| 27 | 526 | 518 | 515 | 514 | 514 | 514 | 510 | 509 | 510 | 508 | 508 | 508 | 510 | 508 | 521 | 535 | 528 | 526 | 547 | 541 | 529 | 515 | 524 | 427 |
| D 28 | 421 | 517 | 510 | 487 | 503 | 518 | 513 | 511 | 504 | 503 | 501 | 503 | 503 | 509 | 515 | 515 | 517 | 529 | 571 | 554 | 552 | 548 | 528 | 523 |
| 29 | 528 | 522 | 513 | 509 | 512 | 511 | 510 | 512 | 508 | 501 | 502 | 503 | 508 | 515 | 517 | 528 | 528 | 566 | 604 | 579 | 580 | 478 | 474 | 458 |
| 30 | 496 | 503 | 465 | 433 | 452 | 453 | 483 | 489 | 510 | 515 | 510 | 517 | 522 | 528 | 534 | 534 | 547 | 600 | 553 | 548 | 555 | 541 | 432 | 411 |
| M | 495 | 495 | 491 | 493 | 498 | 507 | 509 | 513 | 515 | 517 | 516 | 518 | 520 | 527 | 523 | 516 | 519 | 531 | 554 | 544 | 536 | 524 | 511 | 490 |
| MQ | 506 | 491 | 498 | 508 | 513 | 514 | 514 | 515 | 516 | 514 | 514 | 513 | 511 | 514 | 516 | 516 | 518 | 523 | 519 | 517 | 518 | 516 | 510 | 506 |
| MD | 496 | 507 | 461 | 462 | 476 | 502 | 499 | 511 | 519 | 528 | 521 | 529 | 534 | 554 | 525 | 486 | 488 | 503 | 572 | 535 | 548 | 527 | 535 | 481 |

DECEMBER

| DAY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | MEAN |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| D 1 | 405 | 469 | 510 | 502 | 504 | 516 | 517 | 523 | 523 | 526 | 523 | 524 | 529 | 554 | 562 | 593 | 607 | 623 | 459 | 433 | 440 | 529 | 506 | 369 |
| 2 | 440 | 472 | 502 | 482 | 493 | 522 | 529 | 542 | 554 | 548 | 536 | 535 | 529 | 530 | 526 | 528 | 528 | 523 | 526 | 530 | 535 | 485 | 490 | 477 |
| 3 | 469 | 462 | 478 | 508 | 522 | 525 | 527 | 534 | 529 | 523 | 536 | 524 | 518 | 529 | 549 | 570 | 562 | 567 | 539 | 535 | 498 | 439 | 366 | 358 |
| D 4 | 365 | 402 | 384 | 326 | 339 | 415 | 492 | 517 | 523 | 524 | 522 | 522 | 523 | 522 | 523 | 523 | 522 | 537 | 583 | 577 | 542 | 487 | 398 | 370 |
| 5 | 339 | 380 | 421 | 486 | 486 | 506 | 522 | 526 | 522 | 522 | 524 | 525 | 524 | 529 | 523 | 524 | 522 | 518 | 523 | 530 | 518 | 516 | 518 | |
| Q 6 | 512 | 515 | 511 | 516 | 516 | 516 | 512 | 515 | 515 | 515 | 516 | 515 | 511 | 511 | 515 | 517 | 516 | 518 | 523 | 522 | 525 | 523 | 517 | 516 |
| 7 | 511 | 498 | 502 | 505 | 511 | 510 | 505 | 509 | 505 | 509 | 510 | 511 | 512 | 514 | 514 | 514 | 514 | 514 | 535 | 578 | 587 | 582 | 538 | 524 |
| 8 | 517 | 514 | 512 | 511 | 511 | 511 | 511 | 511 | 510 | 512 | 512 | 512 | 511 | 512 | 516 | 518 | 512 | 511 | 512 | 512 | 512 | 510 | 508 | |
| Q 9 | 508 | 507 | 507 | 501 | 510 | 507 | 510 | 512 | 513 | 513 | 512 | 511 | 510 | 511 | 512 | 512 | 511 | 511 | 511 | 512 | 510 | 509 | 508 | 506 |
| Q 10 | 505 | 505 | 506 | 505 | 505 | 505 | 505 | 505 | 504 | 504 | 504 | 504 | 504 | 506 | 506 | 505 | 505 | 505 | 506 | 506 | 507 | 507 | 505 | 504 |
| Q 11 | 504 | 504 | 504 | 500 | 502 | 500 | 499 | 499 | 499 | 499 | 503 | 504 | 505 | 510 | 515 | 516 | 512 | 509 | 510 | 510 | 523 | 517 | 505 | 496 |
| 12 | 493 | 498 | 498 | 498 | 498 | 498 | 500 | 500 | 498 | 499 | 503 | 503 | 503 | 505 | 510 | 510 | 507 | 511 | 512 | 513 | 512 | 485 | 503 | |
| 13 | 497 | 475 | 463 | 471 | 491 | 503 | 504 | 505 | 505 | 505 | 506 | 508 | 511 | 515 | 512 | 510 | 511 | 523 | 523 | 523 | 516 | 507 | 505 | |
| 14 | 505 | 505 | 505 | 505 | 504 | 504 | 504 | 504 | 505 | 505 | 510 | 510 | 511 | 524 | 575 | 561 | 534 | 562 | 550 | 524 | 526 | 517 | 513 | |
| 15 | 511 | 466 | 455 | 479 | 483 | 488 | 499 | 504 | 506 | 506 | 506 | 506 | 507 | 518 | 524 | 519 | 518 | 517 | 517 | 518 | 518 | 519 | 511 | 506 |
| 16 | 503 | 499 | 494 | 499 | 499 | 498 | 498 | 500 | 505 | 508 | 508 | 520 | 536 | 574 | 537 | 562 | 593 | 582 | 556 | 557 | 525 | 469 | 490 | |

| Date | Time | Location | Temperature | | Humidity | | Wind Speed | | Wind Direction | | Cloud Cover | | Precipitation | | Atmospheric Pressure | |
|------------|-------|------------|-------------|-----------|--------------|------------------|--------------|-----------------|----------------|----------------|-----------------|---------------|---------------|-----|----------------------|--|
| | | | Temp (°C) | Temp (°F) | Humidity (%) | Wind Speed (m/s) | Wind Dir (°) | Cloud Cover (%) | Precip (mm) | Pressure (hPa) | Pressure (inHg) | | | | | |
| 2023-09-01 | 00:00 | London, UK | 15.2 | 60.4 | 65 | 1.2 | 180 | 80 | 0.0 | 1012.5 | 29.92 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 03:00 | London, UK | 15.0 | 60.0 | 66 | 1.4 | 180 | 80 | 0.0 | 1012.3 | 29.90 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 06:00 | London, UK | 14.8 | 60.6 | 67 | 1.6 | 180 | 80 | 0.0 | 1012.1 | 29.88 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 09:00 | London, UK | 15.0 | 60.0 | 68 | 1.8 | 180 | 80 | 0.0 | 1011.9 | 29.86 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 12:00 | London, UK | 15.2 | 60.4 | 69 | 2.0 | 180 | 80 | 0.0 | 1011.7 | 29.84 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 15:00 | London, UK | 15.0 | 60.0 | 70 | 2.2 | 180 | 80 | 0.0 | 1011.5 | 29.82 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 18:00 | London, UK | 14.8 | 60.6 | 71 | 2.4 | 180 | 80 | 0.0 | 1011.3 | 29.80 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-01 | 21:00 | London, UK | 14.6 | 60.2 | 72 | 2.6 | 180 | 80 | 0.0 | 1011.1 | 29.78 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 00:00 | London, UK | 14.4 | 60.0 | 73 | 2.8 | 180 | 80 | 0.0 | 1010.9 | 29.76 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 03:00 | London, UK | 14.2 | 60.4 | 74 | 3.0 | 180 | 80 | 0.0 | 1010.7 | 29.74 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 06:00 | London, UK | 14.0 | 60.0 | 75 | 3.2 | 180 | 80 | 0.0 | 1010.5 | 29.72 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 09:00 | London, UK | 14.2 | 60.4 | 76 | 3.4 | 180 | 80 | 0.0 | 1010.3 | 29.70 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 12:00 | London, UK | 14.4 | 60.0 | 77 | 3.6 | 180 | 80 | 0.0 | 1010.1 | 29.68 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 15:00 | London, UK | 14.6 | 60.4 | 78 | 3.8 | 180 | 80 | 0.0 | 1009.9 | 29.66 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 18:00 | London, UK | 14.8 | 60.6 | 79 | 4.0 | 180 | 80 | 0.0 | 1009.7 | 29.64 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-02 | 21:00 | London, UK | 14.6 | 60.2 | 80 | 4.2 | 180 | 80 | 0.0 | 1009.5 | 29.62 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 00:00 | London, UK | 14.4 | 60.0 | 81 | 4.4 | 180 | 80 | 0.0 | 1009.3 | 29.60 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 03:00 | London, UK | 14.2 | 60.4 | 82 | 4.6 | 180 | 80 | 0.0 | 1009.1 | 29.58 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 06:00 | London, UK | 14.0 | 60.0 | 83 | 4.8 | 180 | 80 | 0.0 | 1008.9 | 29.56 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 09:00 | London, UK | 14.2 | 60.4 | 84 | 5.0 | 180 | 80 | 0.0 | 1008.7 | 29.54 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 12:00 | London, UK | 14.4 | 60.0 | 85 | 5.2 | 180 | 80 | 0.0 | 1008.5 | 29.52 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 15:00 | London, UK | 14.6 | 60.4 | 86 | 5.4 | 180 | 80 | 0.0 | 1008.3 | 29.50 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 18:00 | London, UK | 14.8 | 60.6 | 87 | 5.6 | 180 | 80 | 0.0 | 1008.1 | 29.48 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-03 | 21:00 | London, UK | 14.6 | 60.2 | 88 | 5.8 | 180 | 80 | 0.0 | 1007.9 | 29.46 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 00:00 | London, UK | 14.4 | 60.0 | 89 | 6.0 | 180 | 80 | 0.0 | 1007.7 | 29.44 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 03:00 | London, UK | 14.2 | 60.4 | 90 | 6.2 | 180 | 80 | 0.0 | 1007.5 | 29.42 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 06:00 | London, UK | 14.0 | 60.0 | 91 | 6.4 | 180 | 80 | 0.0 | 1007.3 | 29.40 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 09:00 | London, UK | 14.2 | 60.4 | 92 | 6.6 | 180 | 80 | 0.0 | 1007.1 | 29.38 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 12:00 | London, UK | 14.4 | 60.0 | 93 | 6.8 | 180 | 80 | 0.0 | 1006.9 | 29.36 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 15:00 | London, UK | 14.6 | 60.4 | 94 | 7.0 | 180 | 80 | 0.0 | 1006.7 | 29.34 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 18:00 | London, UK | 14.8 | 60.6 | 95 | 7.2 | 180 | 80 | 0.0 | 1006.5 | 29.32 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-04 | 21:00 | London, UK | 14.6 | 60.2 | 96 | 7.4 | 180 | 80 | 0.0 | 1006.3 | 29.30 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 00:00 | London, UK | 14.4 | 60.0 | 97 | 7.6 | 180 | 80 | 0.0 | 1006.1 | 29.28 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 03:00 | London, UK | 14.2 | 60.4 | 98 | 7.8 | 180 | 80 | 0.0 | 1005.9 | 29.26 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 06:00 | London, UK | 14.0 | 60.0 | 99 | 8.0 | 180 | 80 | 0.0 | 1005.7 | 29.24 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 09:00 | London, UK | 14.2 | 60.4 | 100 | 8.2 | 180 | 80 | 0.0 | 1005.5 | 29.22 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 12:00 | London, UK | 14.4 | 60.0 | 101 | 8.4 | 180 | 80 | 0.0 | 1005.3 | 29.20 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 15:00 | London, UK | 14.6 | 60.4 | 102 | 8.6 | 180 | 80 | 0.0 | 1005.1 | 29.18 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 18:00 | London, UK | 14.8 | 60.6 | 103 | 8.8 | 180 | 80 | 0.0 | 1004.9 | 29.16 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-05 | 21:00 | London, UK | 14.6 | 60.2 | 104 | 9.0 | 180 | 80 | 0.0 | 1004.7 | 29.14 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 00:00 | London, UK | 14.4 | 60.0 | 105 | 9.2 | 180 | 80 | 0.0 | 1004.5 | 29.12 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 03:00 | London, UK | 14.2 | 60.4 | 106 | 9.4 | 180 | 80 | 0.0 | 1004.3 | 29.10 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 06:00 | London, UK | 14.0 | 60.0 | 107 | 9.6 | 180 | 80 | 0.0 | 1004.1 | 29.08 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 09:00 | London, UK | 14.2 | 60.4 | 108 | 9.8 | 180 | 80 | 0.0 | 1003.9 | 29.06 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 12:00 | London, UK | 14.4 | 60.0 | 109 | 10.0 | 180 | 80 | 0.0 | 1003.7 | 29.04 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 15:00 | London, UK | 14.6 | 60.4 | 110 | 10.2 | 180 | 80 | 0.0 | 1003.5 | 29.02 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 18:00 | London, UK | 14.8 | 60.6 | 111 | 10.4 | 180 | 80 | 0.0 | 1003.3 | 29.00 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-06 | 21:00 | London, UK | 14.6 | 60.2 | 112 | 10.6 | 180 | 80 | 0.0 | 1003.1 | 28.98 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 00:00 | London, UK | 14.4 | 60.0 | 113 | 10.8 | 180 | 80 | 0.0 | 1002.9 | 28.96 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 03:00 | London, UK | 14.2 | 60.4 | 114 | 11.0 | 180 | 80 | 0.0 | 1002.7 | 28.94 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 06:00 | London, UK | 14.0 | 60.0 | 115 | 11.2 | 180 | 80 | 0.0 | 1002.5 | 28.92 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 09:00 | London, UK | 14.2 | 60.4 | 116 | 11.4 | 180 | 80 | 0.0 | 1002.3 | 28.90 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 12:00 | London, UK | 14.4 | 60.0 | 117 | 11.6 | 180 | 80 | 0.0 | 1002.1 | 28.88 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 15:00 | London, UK | 14.6 | 60.4 | 118 | 11.8 | 180 | 80 | 0.0 | 1001.9 | 28.86 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 18:00 | London, UK | 14.8 | 60.6 | 119 | 12.0 | 180 | 80 | 0.0 | 1001.7 | 28.84 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-07 | 21:00 | London, UK | 14.6 | 60.2 | 120 | 12.2 | 180 | 80 | 0.0 | 1001.5 | 28.82 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 00:00 | London, UK | 14.4 | 60.0 | 121 | 12.4 | 180 | 80 | 0.0 | 1001.3 | 28.80 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 03:00 | London, UK | 14.2 | 60.4 | 122 | 12.6 | 180 | 80 | 0.0 | 1001.1 | 28.78 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 06:00 | London, UK | 14.0 | 60.0 | 123 | 12.8 | 180 | 80 | 0.0 | 1000.9 | 28.76 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 09:00 | London, UK | 14.2 | 60.4 | 124 | 13.0 | 180 | 80 | 0.0 | 1000.7 | 28.74 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 12:00 | London, UK | 14.4 | 60.0 | 125 | 13.2 | 180 | 80 | 0.0 | 1000.5 | 28.72 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 15:00 | London, UK | 14.6 | 60.4 | 126 | 13.4 | 180 | 80 | 0.0 | 1000.3 | 28.70 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 18:00 | London, UK | 14.8 | 60.6 | 127 | 13.6 | 180 | 80 | 0.0 | 1000.1 | 28.68 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-08 | 21:00 | London, UK | 14.6 | 60.2 | 128 | 13.8 | 180 | 80 | 0.0 | 999.9 | 28.66 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 00:00 | London, UK | 14.4 | 60.0 | 129 | 14.0 | 180 | 80 | 0.0 | 999.7 | 28.64 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 03:00 | London, UK | 14.2 | 60.4 | 130 | 14.2 | 180 | 80 | 0.0 | 999.5 | 28.62 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 06:00 | London, UK | 14.0 | 60.0 | 131 | 14.4 | 180 | 80 | 0.0 | 999.3 | 28.60 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 09:00 | London, UK | 14.2 | 60.4 | 132 | 14.6 | 180 | 80 | 0.0 | 999.1 | 28.58 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 12:00 | London, UK | 14.4 | 60.0 | 133 | 14.8 | 180 | 80 | 0.0 | 998.9 | 28.56 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 15:00 | London, UK | 14.6 | 60.4 | 134 | 15.0 | 180 | 80 | 0.0 | 998.7 | 28.54 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 18:00 | London, UK | 14.8 | 60.6 | 135 | 15.2 | 180 | 80 | 0.0 | 998.5 | 28.52 | Partly Cloudy | 0% | 0.0 | 0.0 | |
| 2023-09-09 | 21:00 | London, UK | | | | | | | | | | | | | | |

THREE-HOUR-RANGE INDICES K AND DAILY SUMS OF K, 1989
LOWER LIMIT FOR K=9:750nT

| January | | | | February | | | | March | | | |
|---------|------|------|----|----------|------|------|----|-------|------|------|----|
| 01 | 4211 | 2333 | 19 | D01 | 6513 | 4246 | 31 | Q01 | 3222 | 3122 | 17 |
| Q02 | 1102 | 1031 | 9 | 02 | 6321 | 2177 | 29 | 02 | 2533 | 3533 | 27 |
| Q03 | 0011 | 0131 | 7 | D03 | 5633 | 4656 | 38 | 03 | 3444 | 6663 | 36 |
| Q04 | 2121 | 2122 | 13 | D04 | 4433 | 3345 | 29 | Q04 | 4112 | 3300 | 14 |
| D05 | 5532 | 2763 | 33 | 05 | 5333 | 3345 | 29 | 05 | 2334 | 4444 | 28 |
| Q06 | 3212 | 1012 | 12 | D06 | 5333 | 2344 | 25 | 06 | 4323 | 5544 | 30 |
| 07 | 2112 | 1232 | 14 | D07 | 4333 | 3444 | 28 | 07 | 4433 | 1323 | 23 |
| 08 | 0122 | 3445 | 21 | 08 | 4333 | 2312 | 21 | 08 | 1120 | 0458 | 21 |
| 09 | 2232 | 3223 | 19 | 09 | 4322 | 2254 | 24 | 09 | 7522 | 4445 | 33 |
| 10 | 3333 | 2222 | 20 | 10 | 5212 | 2000 | 12 | 10 | 4433 | 3333 | 26 |
| D11 | 2110 | 3879 | 30 | 11 | 0012 | 2153 | 14 | 11 | 2323 | 2335 | 23 |
| 12 | 7522 | 2132 | 24 | 12 | 2112 | 2375 | 23 | 12 | 7332 | 2353 | 28 |
| 13 | 0011 | 3554 | 19 | 13 | 5333 | 2333 | 25 | D13 | 8998 | 8999 | 69 |
| 14 | 3111 | 2245 | 19 | 14 | 3322 | 2410 | 17 | D14 | 9985 | 4699 | 59 |
| D15 | 6323 | 3676 | 36 | 15 | 1101 | 1455 | 18 | 15 | 8634 | 5543 | 38 |
| D16 | 7553 | 3367 | 39 | 16 | 5423 | 2123 | 22 | D16 | 2456 | 5556 | 38 |
| 17 | 5334 | 3463 | 26 | Q17 | 2121 | 0000 | 6 | 17 | 7554 | 4543 | 37 |
| 18 | 5222 | 2123 | 19 | 18 | 0200 | 3310 | 9 | Q18 | 0111 | 4612 | 16 |
| Q19 | 2110 | 0022 | 8 | 19 | 0012 | 2324 | 14 | 19 | 1465 | 7653 | 37 |
| D20 | 3112 | 5866 | 32 | 20 | 3333 | 4443 | 27 | Q20 | 2323 | 3214 | 20 |
| 21 | 6333 | 3557 | 35 | 21 | 2232 | 1300 | 13 | 21 | 5333 | 3234 | 26 |
| 22 | 5444 | 4334 | 31 | 22 | 1122 | 2243 | 17 | 22 | 4333 | 5488 | 38 |
| 23 | 3433 | 3342 | 25 | Q23 | 1001 | 0002 | 4 | 23 | 5334 | 6856 | 40 |
| 24 | 2121 | 2243 | 17 | 24 | 3122 | 2001 | 11 | 24 | 6532 | 2211 | 22 |
| 25 | 1322 | 3123 | 17 | Q25 | 1022 | 1011 | 8 | Q25 | 1012 | 1353 | 16 |
| 26 | 2212 | 1321 | 14 | Q26 | 0011 | 2000 | 4 | 26 | 2212 | 3223 | 17 |
| 27 | 3322 | 2200 | 14 | Q27 | 2001 | 2202 | 9 | 27 | 3243 | 5668 | 37 |
| 28 | 0311 | 2252 | 16 | 28 | 0121 | 2233 | 14 | 28 | 6345 | 6444 | 36 |
| 29 | 3222 | 2331 | 18 | | | | | D29 | 9643 | 4687 | 47 |
| 30 | 2221 | 3322 | 17 | | | | | 30 | 5643 | 3458 | 38 |
| 31 | 3222 | 2778 | 33 | | | | | D31 | 7744 | 5668 | 47 |

| April | | | | May | | | | June | | | |
|-------|------|------|----|-----|------|------|----|------|------|------|----|
| D01 | 7544 | 5654 | 40 | 01 | 2122 | 2213 | 15 | 01 | 2212 | 3223 | 17 |
| 02 | 4335 | 5323 | 28 | 02 | 4433 | 3353 | 28 | 02 | 1243 | 5433 | 25 |
| 03 | 4322 | 3347 | 28 | 03 | 3222 | 1133 | 17 | 03 | 4332 | 3433 | 25 |
| D04 | 7443 | 3686 | 41 | 04 | 4223 | 3334 | 24 | 04 | 6512 | 2211 | 20 |
| D05 | 8555 | 4455 | 41 | D05 | 8754 | 3344 | 38 | 05 | 2122 | 1323 | 16 |
| 06 | 6322 | 2343 | 25 | 06 | 2221 | 2324 | 18 | 06 | 2111 | 2214 | 14 |
| 07 | 1233 | 4574 | 29 | D07 | 0444 | 6687 | 39 | D07 | 6645 | 4214 | 32 |
| 08 | 5433 | 3443 | 29 | Q08 | 2112 | 1112 | 11 | 08 | 4232 | 2244 | 23 |
| 09 | 4222 | 2453 | 24 | Q09 | 0011 | 2201 | 7 | D09 | 7523 | 2346 | 32 |
| Q10 | 3101 | 2342 | 16 | Q10 | 0011 | 1002 | 5 | D10 | 6666 | 7877 | 53 |
| 11 | 1111 | 4421 | 15 | Q11 | 0000 | 2212 | 7 | 11 | 5553 | 4443 | 33 |
| Q12 | 2221 | 2211 | 13 | 12 | 1233 | 2310 | 15 | 12 | 3333 | 2321 | 20 |
| 13 | 1133 | 3332 | 19 | 13 | 0012 | 3320 | 11 | 13 | 2223 | 4432 | 22 |
| 14 | 5232 | 3358 | 31 | 14 | 0222 | 2322 | 15 | D14 | 3535 | 5555 | 36 |
| 15 | 6643 | 3422 | 30 | 15 | 2233 | 3232 | 20 | D15 | 5634 | 5653 | 37 |
| 16 | 1010 | 5436 | 20 | 16 | 1212 | 2221 | 13 | 16 | 3422 | 1200 | 14 |
| 17 | 6001 | 2224 | 17 | 17 | 2222 | 2210 | 13 | Q17 | 0011 | 1312 | 9 |
| 18 | 4412 | 1100 | 13 | 18 | 1212 | 3110 | 12 | Q18 | 2102 | 2220 | 11 |
| Q19 | 1001 | 3211 | 9 | Q19 | 0112 | 2220 | 10 | 19 | 1212 | 2123 | 14 |
| 20 | 1322 | 2122 | 15 | 20 | 1114 | 4330 | 17 | 20 | 3334 | 4543 | 29 |
| Q21 | 3121 | 2210 | 12 | 21 | 0223 | 3210 | 13 | Q21 | 1022 | 2101 | 9 |
| Q22 | 3000 | 3212 | 11 | 22 | 2113 | 3324 | 19 | Q22 | 0111 | 1212 | 9 |
| 23 | 3021 | 3452 | 20 | D23 | 1212 | 5766 | 30 | Q23 | 1011 | 2221 | 10 |
| 24 | 3112 | 2223 | 16 | D24 | 5556 | 6767 | 47 | 24 | 0124 | 5211 | 16 |
| 25 | 2333 | 5477 | 34 | D25 | 6332 | 4334 | 26 | 25 | 1222 | 3112 | 14 |
| D26 | 9755 | 4478 | 49 | 26 | 3222 | 3446 | 26 | 26 | 0123 | 3222 | 15 |
| D27 | 8654 | 4568 | 46 | 27 | 5331 | 4223 | 23 | 27 | 3001 | 2112 | 10 |
| 28 | 6544 | 6466 | 41 | 28 | 3212 | 3423 | 20 | 28 | 3112 | 2311 | 14 |
| 29 | 2334 | 4565 | 32 | 29 | 3222 | 4223 | 20 | 29 | 3333 | 4432 | 25 |
| 30 | 5433 | 3231 | 24 | 30 | 3312 | 2132 | 17 | 30 | 4421 | 2122 | 18 |
| | | | | 31 | 3112 | 3332 | 18 | | | | |

| July | August | September |
|------------------|------------------|------------------|
| D01 1022 2574 23 | Q01 2000 2212 9 | 01 2121 3200 11 |
| 02 3210 1100 8 | 02 2121 1102 10 | 02 2112 3421 16 |
| Q03 0110 1000 3 | Q03 1112 2110 9 | 03 1221 1213 13 |
| Q04 0000 2100 3 | 04 0123 3332 17 | D04 6753 3204 30 |
| D05 1012 3434 18 | Q05 1000 0011 3 | 05 6543 2221 25 |
| 06 2212 3331 17 | 06 1111 3232 14 | 06 1223 3432 20 |
| 07 2222 2221 15 | 07 2212 3231 16 | 07 1113 4644 24 |
| Q08 0010 1100 3 | 08 2223 2222 17 | 08 4442 3313 24 |
| 09 2212 2121 13 | 09 1123 2233 17 | 09 2112 3333 18 |
| 10 1333 3333 22 | D10 3356 5545 36 | 10 1211 2322 14 |
| Q11 1101 2101 7 | 11 7433 4422 29 | Q11 0002 0002 4 |
| 12 0001 1101 4 | 12 3221 3213 17 | 12 2223 3312 18 |
| 13 1232 2111 13 | 13 3212 3221 16 | 13 1122 2324 17 |
| 14 0101 1221 8 | D14 3455 6436 36 | Q14 1123 1000 8 |
| 15 1003 3322 14 | D15 9965 6438 50 | D15 2423 5577 35 |
| Q16 0101 0000 2 | 16 8633 4344 35 | 16 7643 3222 29 |
| D17 4233 3233 23 | D17 3232 6657 34 | 17 2021 2122 12 |
| D18 4432 3332 24 | 18 7434 3344 32 | D18 4234 3487 35 |
| 19 1021 1101 7 | 19 5522 1232 22 | D19 7895 4331 40 |
| 20 1111 1122 10 | 20 2244 5411 23 | Q20 1102 2213 12 |
| 21 2112 1112 11 | 21 1221 3567 27 | 21 2121 2103 12 |
| 22 1112 3212 13 | 22 7332 1212 21 | 22 1343 4353 26 |
| 23 2312 3321 17 | 23 3323 5675 34 | Q23 1011 0001 4 |
| 24 2123 3322 18 | Q24 3011 3211 12 | 24 0011 2213 10 |
| 25 1122 3213 15 | Q25 0010 2212 8 | Q25 2100 2130 9 |
| D26 2223 4333 22 | 26 0112 2300 9 | D26 0134 5888 37 |
| 27 2222 3222 17 | 27 1333 4366 29 | 27 5231 2000 13 |
| 28 2321 3233 19 | 28 3012 2259 24 | 28 2201 2133 14 |
| 29 3223 3333 22 | D29 7854 5442 39 | 29 2113 1213 14 |
| 30 2222 3223 18 | 30 2423 4533 26 | 30 3111 3352 19 |
| 31 2011 2111 9 | 31 2100 2413 13 | |

| October | | | | November | | | | December | | | |
|---------|------|------|----|----------|------|------|----|----------|------|------|----|
| 01 | 3222 | 3311 | 17 | 01 | 2112 | 1223 | 14 | D01 | 6432 | 3687 | 39 |
| 02 | 1233 | 2211 | 15 | 02 | 5321 | 1365 | 26 | 02 | 5533 | 1225 | 26 |
| 03 | 0013 | 4433 | 18 | 03 | 5343 | 4453 | 31 | 03 | 5233 | 3337 | 29 |
| Q04 | 1211 | 2212 | 12 | D04 | 2133 | 4555 | 28 | D04 | 6633 | 3368 | 38 |
| Q05 | 2001 | 2111 | 8 | 05 | 6433 | 2155 | 29 | 05 | 6321 | 1132 | 19 |
| 06 | 1123 | 3313 | 17 | 06 | 3222 | 1231 | 16 | Q06 | 2100 | 1002 | 6 |
| 07 | 3222 | 3223 | 19 | 07 | 3324 | 4223 | 23 | 07 | 2222 | 1243 | 18 |
| 08 | 3232 | 2103 | 16 | 08 | 2224 | 2330 | 18 | 08 | 0111 | 2102 | 8 |
| 09 | 3332 | 2112 | 17 | 09 | 4422 | 1542 | 24 | Q09 | 1000 | 1010 | 3 |
| 10 | 2333 | 2321 | 19 | 10 | 1321 | 2121 | 13 | Q10 | 0000 | 0010 | 1 |
| 11 | 2122 | 2110 | 11 | 11 | 3323 | 2364 | 26 | Q11 | 0101 | 1122 | 8 |
| 12 | 0222 | 2211 | 12 | 12 | 3321 | 2023 | 16 | 12 | 1110 | 2023 | 10 |
| Q13 | 1000 | 0000 | 1 | D13 | 4443 | 6766 | 40 | 13 | 4211 | 0221 | 13 |
| Q14 | 0000 | 0000 | 0 | 14 | 6432 | 1114 | 22 | 14 | 0002 | 2443 | 15 |
| Q15 | 0000 | 1130 | 5 | Q15 | 3211 | 1100 | 9 | 15 | 3222 | 2112 | 15 |
| 16 | 1112 | 3332 | 16 | Q16 | 0001 | 1112 | 6 | 16 | 1113 | 3434 | 20 |
| 17 | 3322 | 2133 | 19 | D17 | 4226 | 7989 | 47 | 17 | 2122 | 3222 | 16 |
| 18 | 5312 | 2226 | 23 | D18 | 8853 | 2233 | 34 | 18 | 2112 | 1123 | 13 |
| D19 | 7433 | 3032 | 25 | 19 | 1112 | 1253 | 16 | Q19 | 2211 | 1021 | 10 |
| D20 | 2236 | 9999 | 49 | 20 | 2222 | 2132 | 16 | 20 | 1211 | 1122 | 11 |
| D21 | 896* | **98 | 40 | 21 | 4133 | 1000 | 12 | 21 | 2201 | 2232 | 14 |
| D22 | 7645 | 6765 | 46 | Q22 | 0002 | 1312 | 9 | 22 | 2212 | 4372 | 23 |
| 23 | 3443 | 3333 | 26 | Q23 | 3111 | 1021 | 10 | 23 | 2432 | 2211 | 17 |
| 24 | 2242 | 3234 | 22 | 24 | 1111 | 2222 | 12 | 24 | 1213 | 3555 | 25 |
| 25 | 5633 | 1213 | 24 | Q25 | 0100 | 0000 | 1 | 25 | 4323 | 1233 | 21 |
| D26 | 1322 | 4475 | 28 | 26 | 0002 | 1255 | 15 | 26 | 2222 | 3365 | 25 |
| 27 | 4323 | 2244 | 24 | 27 | 2222 | 2236 | 21 | 27 | 3423 | 3474 | 30 |
| 28 | 0122 | 1432 | 15 | D28 | 7453 | 3333 | 31 | 28 | 2211 | 1113 | 12 |
| 29 | 2222 | 2245 | 21 | 29 | 3233 | 3454 | 27 | D29 | 2233 | 4777 | 35 |
| 30 | 5333 | 3245 | 28 | 30 | 4322 | 2355 | 26 | D30 | 6443 | 4666 | 39 |
| 31 | 3222 | 3441 | 21 | | | | | D31 | 5544 | 4332 | 30 |

