

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ЯНВАРЬ 2000 года  
JANUARY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGRES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1 D           | -402 | -367 | -378 | -375 | -359 | -331 | -344 | -313 | -331 | -282 | -319 | -314 | -195 | -357 | -307 | -310 | -345 | -373 | -356 | -459 | -351 | -360 | -344 | -361 | -343            |
| 2             | -351 | -346 | -355 | -353 | -352 | -342 | -333 | -342 | -312 | -351 | -315 | -301 | -324 | -324 | -309 | -310 | -328 | -386 | -293 | -322 | -364 | -328 | -318 | -312 | -332            |
| 3             | -333 | -387 | -364 | -356 | -343 | -332 | -335 | -324 | -327 | -324 | -296 | -321 | -319 | -305 | -317 | -326 | -298 | -337 | -299 | -336 | -366 | -307 | -310 | -317 | -328            |
| 4             | -319 | -333 | -346 | -352 | -346 | -332 | -328 | -337 | -328 | -318 | -304 | -294 | -283 | -281 | -310 | -337 | -356 | -319 | -356 | -327 | -315 | -337 | -364 | -326 | -327            |
| 5             | -345 | -387 | -400 | -381 | -374 | -367 | -357 | -346 | -341 | -322 | -319 | -327 | -323 | -317 | -282 | -247 | -264 | -245 | -337 | -302 | -309 | -373 | -328 | -333 | -330            |
| 6             | 9999 | -346 | -349 | -351 | -357 | -341 | -327 | -321 | -322 | -327 | -291 | -336 | -309 | -297 | -229 | -310 | -294 | -286 | -301 | -333 | -332 | -371 | -337 | -336 | -322            |
| 7             | -337 | -350 | -360 | -351 | -350 | -341 | -339 | -333 | -332 | -324 | -296 | -313 | -337 | -328 | -328 | -323 | -359 | -322 | -327 | -341 | -328 | -326 | -310 | -315 | -332            |
| 8 Q           | -327 | -334 | -336 | -345 | -346 | -337 | -333 | -326 | -321 | -323 | -314 | -305 | -332 | -337 | -319 | -339 | -323 | -327 | -324 | -319 | -318 | -317 | -314 | -315 | -326            |
| 9 Q           | -318 | -324 | -336 | -350 | -346 | -337 | -330 | -324 | -319 | -319 | -319 | -318 | -314 | -319 | -321 | -323 | -321 | -318 | -318 | -312 | -310 | -305 | -305 | -305 | -321            |
| 10            | -314 | -333 | -348 | -362 | -360 | -344 | -331 | -326 | -317 | -317 | -319 | -316 | -321 | -321 | -318 | -314 | -312 | -305 | -296 | -293 | -283 | -319 | -290 | -306 | -319            |
| 11 D          | -323 | -332 | -352 | -356 | -357 | -337 | -326 | -323 | -318 | -319 | -319 | -318 | -306 | -319 | -333 | -264 | -269 | -269 | -274 | -270 | -327 | -378 | -405 | -327 | -322            |
| 12            | -369 | -382 | -415 | -410 | -398 | -364 | -353 | -337 | -330 | -339 | -328 | -339 | -336 | -331 | -331 | -328 | -331 | -320 | -308 | -280 | -293 | -314 | -313 | -315 | -340            |
| 13            | -333 | -341 | -350 | -360 | -365 | -349 | -355 | -337 | -314 | -329 | -329 | -336 | -305 | -307 | -317 | -355 | -319 | -310 | -321 | -317 | -312 | -302 | -296 | -301 | -327            |
| 14            | -324 | -346 | -359 | -372 | -361 | -348 | -337 | -333 | -328 | -324 | -322 | -311 | -305 | -326 | -321 | -328 | -308 | -304 | -305 | -301 | -317 | -318 | -307 | -314 | -326            |
| 15            | -327 | -341 | -365 | -369 | -360 | -355 | -336 | -332 | -326 | -323 | -320 | -320 | -306 | -318 | -313 | -313 | -315 | -315 | -329 | -314 | -309 | -311 | -292 | -292 | -325            |
| 16            | -315 | -337 | -364 | -378 | -364 | -351 | -341 | -341 | -336 | -327 | -326 | -318 | -320 | -306 | -309 | -305 | -305 | -308 | -310 | -332 | -314 | -301 | -283 | -300 | -325            |
| 17 Q          | -318 | -329 | -342 | -360 | -360 | -350 | -341 | -337 | -336 | -330 | -318 | -316 | -318 | -318 | -318 | -318 | -318 | -319 | -318 | -318 | -319 | -305 | -297 | -300 | -325            |
| 18 Q          | -311 | -326 | -341 | -360 | -360 | -351 | -344 | -337 | -331 | -323 | -317 | -316 | -318 | -313 | -310 | -310 | -301 | -300 | -306 | -311 | -309 | -300 | -295 | -298 | -320            |
| 19            | -315 | -323 | -337 | -355 | -354 | -340 | -332 | -323 | -321 | -317 | -314 | -310 | -310 | -312 | -312 | -310 | -303 | -299 | -295 | -295 | -272 | -277 | -276 | -303 | -313            |
| 20            | -314 | -318 | -321 | -333 | -346 | -341 | -341 | -341 | -340 | -341 | -336 | -309 | -274 | -277 | -296 | -314 | -310 | -315 | -309 | -327 | -346 | -301 | -301 | -302 | -319            |
| 21 Q          | -305 | -315 | -330 | -341 | -346 | -341 | -334 | -331 | -328 | -324 | -319 | -316 | -314 | -312 | -313 | -319 | -319 | -318 | -318 | -319 | -316 | -311 | -300 | -291 | -320            |
| 22            | -304 | -315 | -323 | -336 | -342 | -339 | -354 | -359 | -335 | -332 | -322 | -296 | -274 | -280 | -255 | -232 | -282 | -325 | -320 | -441 | -316 | -415 | -459 | -441 | -333            |
| 23 D          | -447 | -455 | -473 | -465 | -401 | -374 | -363 | -347 | -349 | -339 | -359 | -383 | -357 | -286 | -268 | -282 | -298 | -329 | -335 | -336 | -341 | -333 | -333 | -330 | -358            |
| 24            | -327 | -339 | -350 | -359 | -364 | -362 | -369 | -391 | -364 | -385 | -295 | -328 | -312 | -307 | -274 | -283 | -293 | -301 | -301 | -291 | -287 | -288 | -323 | -336 | -326            |
| 25            | -352 | -373 | -385 | -391 | -392 | -391 | -400 | -396 | -383 | -365 | -329 | -323 | -317 | -313 | -316 | -314 | -323 | -316 | -324 | -300 | -306 | -314 | -314 | -324 | -344            |
| 26            | -346 | -351 | -355 | -364 | -368 | -369 | -365 | -354 | -332 | -321 | -319 | -313 | -313 | -317 | -312 | -310 | -314 | -318 | -319 | -317 | -307 | -327 | -296 | -282 | -329            |
| 27            | -351 | -348 | -355 | -366 | -368 | -346 | -333 | -331 | -318 | -328 | -331 | -336 | -317 | -306 | -309 | -301 | -255 | -283 | -268 | -237 | -294 | -301 | -331 | -344 | -320            |
| 28 D          | -343 | -386 | -378 | -396 | -410 | -364 | -346 | -346 | -291 | -298 | -331 | -262 | -333 | -242 | -324 | -362 | -374 | -373 | -391 | -323 | -323 | -317 | -391 | -385 | -345            |
| 29 D          | -349 | -336 | -348 | -365 | -391 | -360 | -348 | -253 | -326 | -326 | -296 | -274 | -285 | -294 | -300 | -319 | -298 | -314 | -315 | -385 | -326 | -319 | -317 | -364 | -325            |
| 30            | -339 | -333 | -347 | -354 | -360 | -360 | -347 | -319 | -309 | -324 | -327 | -312 | -298 | -321 | -310 | -324 | -309 | -300 | -368 | -415 | -372 | -361 | -323 | -301 | -335            |
| 31            | -309 | -351 | -382 | -352 | -352 | -341 | -346 | -332 | -336 | -331 | -313 | -297 | -308 | -306 | -301 | -332 | -320 | -321 | -336 | -339 | -339 | -323 | -308 | -294 | -328            |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -336 | -348 | -359 | -365 | -363 | -350 | -344 | -335 | -329 | -327 | -318 | -315 | -309 | -310 | -306 | -312 | -313 | -315 | -319 | -326 | -320 | -324 | -322 | -322 | -329            |
| Q -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -316 | -326 | -337 | -351 | -352 | -343 | -336 | -331 | -327 | -324 | -317 | -314 | -319 | -320 | -316 | -322 | -316 | -316 | -317 | -316 | -314 | -308 | -302 | -302 | -323            |
| D -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -373 | -375 | -386 | -391 | -384 | -353 | -345 | -316 | -323 | -313 | -325 | -310 | -295 | -300 | -306 | -307 | -317 | -332 | -334 | -355 | -334 | -341 | -358 | -353 | -339            |

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ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ЯНВАРЬ 2000 года  
JANUARY 2000 year

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ H В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16  | 17 | 18 | 19  | 20 | 21 | 22 | 23 | 24 | СРЕДНЕЕ<br>MEAN |
|---------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|-----|----|----|----|----|----|-----------------|
| 1 D           | 60   | 57 | 36 | 32 | 46 | 60 | 41 | 50 | 42 | 70 | 54 | 48 | 68 | 73 | 42 | 48  | 61 | 61 | 65  | 82 | 68 | 70 | 63 | 53 | 56              |
| 2             | 48   | 48 | 48 | 52 | 58 | 56 | 64 | 60 | 52 | 56 | 44 | 64 | 56 | 63 | 68 | 71  | 67 | 70 | 72  | 60 | 76 | 72 | 68 | 57 | 60              |
| 3             | 48   | 48 | 48 | 48 | 60 | 67 | 66 | 56 | 57 | 51 | 67 | 64 | 66 | 64 | 59 | 72  | 65 | 62 | 62  | 60 | 66 | 74 | 70 | 64 | 61              |
| 4             | 58   | 56 | 58 | 61 | 67 | 68 | 68 | 59 | 44 | 39 | 53 | 60 | 38 | 38 | 56 | 56  | 70 | 68 | 70  | 70 | 68 | 68 | 63 | 58 | 59              |
| 5             | 52   | 34 | 37 | 47 | 60 | 62 | 62 | 54 | 62 | 41 | 50 | 64 | 66 | 63 | 50 | 54  | 50 | 52 | 56  | 60 | 68 | 68 | 60 | 58 | 55              |
| 6             | 9999 | 52 | 60 | 64 | 68 | 60 | 72 | 75 | 72 | 55 | 60 | 66 | 62 | 46 | -2 | 63  | 52 | 38 | 52  | 57 | 56 | 52 | 58 | 59 | 56              |
| 7             | 58   | 51 | 50 | 60 | 56 | 60 | 63 | 66 | 62 | 52 | 51 | 56 | 62 | 66 | 66 | 66  | 71 | 72 | 63  | 66 | 68 | 62 | 64 | 58 | 61              |
| 8 Q           | 58   | 55 | 58 | 64 | 68 | 68 | 64 | 67 | 70 | 68 | 60 | 56 | 62 | 64 | 67 | 67  | 70 | 68 | 69  | 71 | 73 | 72 | 68 | 62 | 65              |
| 9 Q           | 58   | 54 | 53 | 60 | 68 | 71 | 72 | 73 | 72 | 72 | 72 | 74 | 74 | 74 | 76 | 76  | 77 | 77 | 78  | 79 | 78 | 77 | 74 | 68 | 71              |
| 10            | 60   | 58 | 60 | 66 | 76 | 80 | 82 | 79 | 77 | 78 | 77 | 77 | 76 | 76 | 78 | 80  | 83 | 84 | 81  | 71 | 66 | 74 | 76 | 62 | 74              |
| 11 D          | 58   | 58 | 60 | 73 | 80 | 82 | 82 | 86 | 87 | 85 | 79 | 72 | 66 | 67 | 77 | 55  | 52 | 51 | 47  | 7  | 31 | 37 | 23 | 38 | 61              |
| 12            | 27   | 21 | 28 | 42 | 54 | 54 | 58 | 58 | 62 | 56 | 57 | 56 | 58 | 58 | 58 | 57  | 61 | 58 | 60  | 50 | 52 | 56 | 54 | 47 | 52              |
| 13            | 46   | 42 | 45 | 53 | 64 | 68 | 66 | 66 | 68 | 72 | 64 | 64 | 60 | 68 | 62 | 72  | 68 | 67 | 66  | 64 | 64 | 64 | 56 | 48 | 62              |
| 14            | 38   | 44 | 50 | 56 | 62 | 70 | 72 | 74 | 73 | 74 | 73 | 68 | 67 | 68 | 68 | 70  | 72 | 70 | 64  | 66 | 62 | 66 | 62 | 53 | 64              |
| 15            | 44   | 39 | 48 | 60 | 68 | 73 | 73 | 73 | 74 | 75 | 75 | 74 | 73 | 73 | 72 | 71  | 72 | 70 | 73  | 72 | 68 | 66 | 60 | 56 | 67              |
| 16            | 52   | 53 | 52 | 58 | 68 | 69 | 70 | 75 | 73 | 74 | 70 | 68 | 66 | 70 | 70 | 70  | 66 | 70 | 62  | 66 | 66 | 64 | 63 | 54 | 65              |
| 17 Q          | 48   | 45 | 42 | 52 | 65 | 73 | 76 | 74 | 76 | 76 | 76 | 76 | 76 | 75 | 75 | 75  | 74 | 74 | 76  | 74 | 73 | 70 | 63 | 56 | 68              |
| 18 Q          | 50   | 48 | 48 | 56 | 68 | 74 | 77 | 77 | 78 | 78 | 80 | 81 | 78 | 74 | 74 | 75  | 68 | 68 | 68  | 73 | 71 | 68 | 64 | 58 | 69              |
| 19            | 52   | 49 | 52 | 60 | 66 | 75 | 80 | 82 | 83 | 83 | 84 | 83 | 82 | 82 | 82 | 81  | 80 | 78 | 79  | 79 | 73 | 73 | 69 | 75 | 74              |
| 20            | 70   | 58 | 58 | 64 | 68 | 69 | 65 | 66 | 67 | 64 | 62 | 54 | 38 | 50 | 64 | 74  | 72 | 79 | 75  | 66 | 77 | 85 | 75 | 85 | 67              |
| 21 Q          | 54   | 50 | 50 | 56 | 61 | 66 | 68 | 71 | 74 | 75 | 76 | 76 | 76 | 80 | 80 | 78  | 78 | 79 | 81  | 82 | 83 | 84 | 77 | 65 | 72              |
| 22            | 54   | 52 | 58 | 66 | 76 | 82 | 83 | 80 | 75 | 68 | 60 | 39 | 44 | 46 | 66 | 42  | 54 | 76 | 64  | 36 | 70 | 79 | 39 | 5  | 59              |
| 23 D          | -11  | -3 | -3 | 26 | 56 | 56 | 52 | 50 | 48 | 48 | 58 | 40 | 38 | 32 | 34 | 28  | 31 | 48 | 50  | 52 | 50 | 48 | 42 | 42 | 38              |
| 24            | 44   | 41 | 36 | 37 | 44 | 52 | 58 | 66 | 58 | 58 | 56 | 44 | 46 | 29 | 29 | 28  | 35 | 50 | 50  | 54 | 45 | 49 | 49 | 51 | 46              |
| 25            | 46   | 42 | 38 | 48 | 56 | 64 | 66 | 66 | 63 | 52 | 52 | 56 | 60 | 64 | 62 | 60  | 64 | 64 | 68  | 64 | 66 | 68 | 64 | 60 | 59              |
| 26            | 62   | 64 | 60 | 54 | 58 | 60 | 66 | 68 | 69 | 70 | 70 | 70 | 71 | 70 | 70 | 70  | 68 | 70 | 72  | 73 | 70 | 69 | 75 | 66 | 67              |
| 27            | 56   | 66 | 64 | 66 | 74 | 77 | 85 | 88 | 88 | 85 | 76 | 71 | 76 | 82 | 88 | 103 | 97 | 95 | 101 | 85 | 83 | 85 | 89 | 75 | 81              |
| 28 D          | 64   | 54 | 59 | 59 | 56 | 52 | 53 | 52 | 39 | 41 | 44 | 60 | 52 | 36 | 38 | 49  | 63 | 64 | 77  | 78 | 78 | 79 | 51 | 62 | 57              |
| 29 D          | 51   | 35 | 35 | 44 | 50 | 56 | 64 | 56 | 54 | 54 | 63 | 61 | 46 | 50 | 46 | 47  | 30 | 36 | 48  | 67 | 70 | 70 | 70 | 54 | 52              |
| 30            | 58   | 53 | 47 | 50 | 52 | 61 | 63 | 60 | 62 | 60 | 60 | 66 | 82 | 74 | 59 | 66  | 70 | 69 | 68  | 69 | 76 | 86 | 75 | 67 | 65              |
| 31            | 55   | 48 | 41 | 54 | 64 | 68 | 65 | 56 | 67 | 67 | 65 | 67 | 65 | 68 | 66 | 74  | 78 | 74 | 80  | 76 | 78 | 74 | 71 | 62 | 66              |
| СРЕДНЕЕ       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |                 |
| ПО ВСЕМ ДНЯМ  | 51   | 47 | 48 | 54 | 62 | 66 | 68 | 67 | 66 | 64 | 64 | 64 | 63 | 63 | 61 | 64  | 65 | 67 | 68  | 65 | 68 | 69 | 63 | 57 | 62              |
| Q -СРЕДНЕЕ    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |                 |
| ПО СПОК. ДНЯМ | 54   | 50 | 50 | 58 | 66 | 70 | 71 | 72 | 74 | 74 | 73 | 73 | 73 | 73 | 74 | 74  | 73 | 73 | 74  | 76 | 76 | 74 | 69 | 62 | 69              |
| D -СРЕДНЕЕ    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |                 |
| ПО ВОЗМ. ДНЯМ | 44   | 40 | 37 | 47 | 58 | 61 | 58 | 59 | 54 | 60 | 60 | 56 | 54 | 52 | 47 | 45  | 47 | 52 | 57  | 57 | 59 | 61 | 50 | 50 | 53              |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
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ЯНВАРЬ 2000 года  
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ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ              | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |     |
|--------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|
| 1 D                      | 195  | 208 | 221 | 235 | 243 | 240 | 238 | 240 | 241 | 235 | 230 | 230 | 223 | 204 | 204 | 208 | 208 | 208 | 192 | 180 | 182 | 205 | 210 | 219 | 217             |     |
| 2                        | 223  | 226 | 229 | 229 | 228 | 228 | 228 | 230 | 232 | 235 | 240 | 234 | 230 | 228 | 223 | 214 | 207 | 202 | 201 | 193 | 200 | 210 | 217 | 221 | 221             |     |
| 3                        | 225  | 224 | 225 | 228 | 231 | 229 | 229 | 228 | 230 | 232 | 232 | 227 | 226 | 224 | 219 | 208 | 209 | 207 | 206 | 212 | 214 | 218 | 221 | 222 | 222             |     |
| 4                        | 223  | 225 | 226 | 223 | 226 | 228 | 226 | 227 | 228 | 232 | 232 | 227 | 223 | 226 | 223 | 219 | 214 | 218 | 219 | 215 | 217 | 219 | 218 | 219 | 223             |     |
| 5                        | 221  | 223 | 226 | 225 | 231 | 236 | 237 | 238 | 238 | 240 | 241 | 235 | 229 | 227 | 224 | 206 | 196 | 184 | 183 | 188 | 209 | 209 | 211 | 217 | 220             |     |
| 6                        | 9999 | 230 | 231 | 228 | 230 | 230 | 220 | 227 | 227 | 228 | 232 | 232 | 228 | 213 | 186 | 172 | 156 | 191 | 208 | 220 | 215 | 220 | 222 | 223 | 216             |     |
| 7                        | 227  | 231 | 231 | 230 | 231 | 233 | 232 | 231 | 230 | 230 | 232 | 232 | 232 | 230 | 227 | 223 | 220 | 215 | 214 | 217 | 217 | 223 | 228 | 227 | 227             |     |
| 8 Q                      | 227  | 228 | 227 | 225 | 230 | 230 | 228 | 227 | 227 | 227 | 227 | 227 | 229 | 230 | 223 | 223 | 219 | 218 | 222 | 224 | 226 | 227 | 228 | 229 | 230             | 226 |
| 9 Q                      | 231  | 234 | 232 | 228 | 229 | 231 | 230 | 228 | 227 | 227 | 225 | 225 | 224 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 224 | 225 | 226 | 227 | 226             |     |
| 10                       | 228  | 229 | 228 | 227 | 230 | 229 | 226 | 226 | 226 | 226 | 227 | 226 | 225 | 225 | 225 | 224 | 223 | 222 | 216 | 215 | 218 | 220 | 215 | 222 | 224             |     |
| 11 D                     | 227  | 229 | 228 | 227 | 228 | 228 | 227 | 226 | 225 | 225 | 226 | 228 | 229 | 233 | 228 | 209 | 214 | 217 | 168 | 155 | 179 | 153 | 176 | 183 | 211             |     |
| 12                       | 213  | 227 | 230 | 234 | 238 | 238 | 237 | 238 | 237 | 237 | 236 | 235 | 234 | 233 | 232 | 231 | 228 | 227 | 223 | 219 | 224 | 228 | 229 | 229 | 231             |     |
| 13                       | 232  | 232 | 233 | 233 | 233 | 234 | 233 | 233 | 233 | 232 | 233 | 233 | 234 | 231 | 230 | 224 | 220 | 223 | 225 | 227 | 228 | 228 | 228 | 227 | 230             |     |
| 14                       | 228  | 233 | 232 | 230 | 232 | 234 | 233 | 232 | 230 | 229 | 229 | 229 | 230 | 230 | 229 | 228 | 224 | 224 | 224 | 225 | 227 | 228 | 230 | 230 | 229             |     |
| 15                       | 229  | 232 | 234 | 231 | 232 | 232 | 232 | 230 | 229 | 228 | 228 | 228 | 227 | 228 | 228 | 227 | 227 | 226 | 225 | 224 | 226 | 228 | 229 | 227 | 229             |     |
| 16                       | 225  | 229 | 232 | 235 | 235 | 233 | 232 | 230 | 229 | 229 | 231 | 232 | 232 | 230 | 228 | 224 | 222 | 222 | 222 | 224 | 223 | 225 | 226 | 227 | 228             |     |
| 17 Q                     | 228  | 229 | 229 | 227 | 230 | 232 | 230 | 228 | 228 | 228 | 228 | 227 | 226 | 226 | 226 | 225 | 225 | 225 | 224 | 224 | 224 | 224 | 225 | 224 | 227             |     |
| 18 Q                     | 223  | 224 | 225 | 227 | 230 | 230 | 229 | 227 | 227 | 226 | 226 | 225 | 225 | 226 | 226 | 226 | 225 | 225 | 225 | 226 | 225 | 227 | 227 | 227 | 226             |     |
| 19                       | 227  | 228 | 229 | 228 | 227 | 230 | 227 | 225 | 224 | 224 | 223 | 222 | 222 | 222 | 222 | 222 | 222 | 221 | 220 | 221 | 220 | 221 | 222 | 220 | 224             |     |
| 20                       | 217  | 219 | 223 | 222 | 224 | 226 | 225 | 225 | 228 | 230 | 233 | 233 | 230 | 224 | 225 | 227 | 225 | 224 | 221 | 221 | 218 | 220 | 222 | 225 | 224             |     |
| 21 Q                     | 227  | 228 | 226 | 224 | 227 | 231 | 230 | 228 | 226 | 225 | 225 | 224 | 224 | 222 | 220 | 221 | 222 | 223 | 224 | 225 | 225 | 226 | 228 | 229 | 225             |     |
| 22                       | 227  | 224 | 224 | 224 | 225 | 225 | 225 | 225 | 227 | 230 | 234 | 240 | 236 | 219 | 193 | 195 | 212 | 204 | 176 | 138 | 118 | 132 | 161 | 177 | 204             |     |
| 23 D                     | 203  | 224 | 243 | 249 | 244 | 238 | 238 | 237 | 237 | 243 | 244 | 257 | 264 | 256 | 245 | 227 | 225 | 236 | 238 | 237 | 237 | 237 | 237 | 237 | 239             |     |
| 24                       | 237  | 238 | 236 | 237 | 238 | 240 | 240 | 242 | 245 | 251 | 243 | 239 | 237 | 230 | 233 | 230 | 230 | 229 | 227 | 222 | 220 | 227 | 228 | 225 | 234             |     |
| 25                       | 226  | 229 | 230 | 235 | 240 | 240 | 242 | 245 | 247 | 252 | 251 | 246 | 241 | 237 | 234 | 233 | 232 | 231 | 222 | 216 | 223 | 229 | 232 | 233 | 235             |     |
| 26                       | 234  | 236 | 234 | 233 | 235 | 237 | 240 | 240 | 237 | 235 | 233 | 232 | 231 | 231 | 230 | 228 | 228 | 228 | 228 | 228 | 228 | 229 | 221 | 221 | 232             |     |
| 27                       | 223  | 223 | 227 | 227 | 232 | 233 | 233 | 230 | 228 | 231 | 235 | 240 | 240 | 232 | 228 | 225 | 222 | 217 | 203 | 202 | 209 | 211 | 216 | 219 | 225             |     |
| 28 D                     | 219  | 227 | 235 | 234 | 238 | 247 | 247 | 248 | 251 | 251 | 251 | 241 | 218 | 219 | 221 | 217 | 197 | 183 | 192 | 210 | 221 | 225 | 225 | 222 | 227             |     |
| 29 D                     | 218  | 220 | 223 | 228 | 234 | 239 | 238 | 240 | 241 | 245 | 241 | 232 | 231 | 211 | 219 | 208 | 165 | 132 | 152 | 192 | 205 | 219 | 227 | 230 | 216             |     |
| 30                       | 230  | 230 | 231 | 230 | 232 | 234 | 234 | 232 | 233 | 232 | 234 | 233 | 228 | 213 | 216 | 212 | 204 | 201 | 196 | 179 | 179 | 198 | 211 | 220 | 218             |     |
| 31                       | 222  | 226 | 228 | 228 | 230 | 232 | 232 | 231 | 232 | 232 | 231 | 230 | 230 | 230 | 224 | 214 | 216 | 222 | 221 | 219 | 223 | 225 | 228 | 228 | 226             |     |
| СРЕДНЕЕ<br>ПО ВСЕМ ДНЯМ  | 224  | 227 | 229 | 230 | 232 | 233 | 232 | 232 | 232 | 233 | 233 | 232 | 230 | 226 | 223 | 218 | 215 | 214 | 211 | 210 | 213 | 217 | 220 | 222 | 224             |     |
| СРЕДНЕЕ<br>ПО СПОК. ДНЯМ | 227  | 229 | 228 | 226 | 229 | 231 | 229 | 228 | 227 | 227 | 226 | 226 | 226 | 224 | 224 | 223 | 223 | 224 | 224 | 225 | 225 | 226 | 227 | 227 | 226             |     |
| СРЕДНЕЕ<br>ПО ВОЗМ. ДНЯМ | 212  | 222 | 230 | 235 | 237 | 238 | 238 | 238 | 239 | 240 | 238 | 238 | 233 | 225 | 223 | 214 | 202 | 195 | 188 | 195 | 205 | 208 | 215 | 218 | 222             |     |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ЯНВАРЬ 2000 года  
JANUARY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1 D           | 140  | 152 | 156 | 167 | 181 | 183 | 176 | 180 | 179 | 183 | 172 | 170 | 170 | 155 | 145 | 151 | 153 | 151 | 137 | 132 | 131 | 154 | 156 | 161 | 160             |
| 2             | 163  | 166 | 168 | 170 | 171 | 171 | 174 | 173 | 173 | 177 | 177 | 180 | 173 | 174 | 170 | 163 | 154 | 151 | 150 | 139 | 151 | 159 | 165 | 165 | 166             |
| 3             | 165  | 164 | 165 | 167 | 174 | 175 | 175 | 170 | 174 | 173 | 179 | 172 | 171 | 169 | 163 | 158 | 156 | 154 | 152 | 157 | 161 | 168 | 169 | 167 | 167             |
| 4             | 167  | 168 | 170 | 168 | 172 | 175 | 173 | 170 | 166 | 169 | 174 | 172 | 159 | 162 | 165 | 163 | 162 | 166 | 167 | 163 | 165 | 166 | 165 | 163 | 167             |
| 5             | 162  | 158 | 162 | 165 | 174 | 180 | 181 | 179 | 181 | 177 | 181 | 179 | 175 | 172 | 165 | 147 | 137 | 128 | 128 | 134 | 158 | 156 | 156 | 161 | 162             |
| 6             | 9999 | 170 | 174 | 173 | 176 | 173 | 176 | 175 | 174 | 170 | 175 | 177 | 173 | 152 | 112 | 123 | 102 | 130 | 150 | 163 | 158 | 162 | 165 | 167 | 160             |
| 7             | 170  | 171 | 171 | 172 | 173 | 177 | 176 | 175 | 174 | 171 | 172 | 174 | 175 | 175 | 173 | 169 | 168 | 164 | 159 | 163 | 164 | 168 | 173 | 170 | 171             |
| 8 Q           | 170  | 170 | 170 | 170 | 175 | 176 | 173 | 173 | 173 | 173 | 171 | 171 | 174 | 169 | 169 | 166 | 165 | 168 | 171 | 173 | 175 | 175 | 175 | 175 | 172             |
| 9 Q           | 173  | 175 | 173 | 173 | 175 | 178 | 177 | 176 | 175 | 174 | 173 | 173 | 172 | 172 | 172 | 172 | 173 | 173 | 174 | 174 | 174 | 174 | 175 | 173 | 174             |
| 10            | 171  | 171 | 171 | 173 | 179 | 179 | 177 | 176 | 176 | 176 | 176 | 175 | 175 | 174 | 174 | 174 | 175 | 174 | 167 | 163 | 165 | 169 | 165 | 166 | 173             |
| 11 D          | 170  | 172 | 172 | 174 | 178 | 179 | 178 | 179 | 178 | 177 | 176 | 176 | 175 | 179 | 179 | 152 | 157 | 158 | 110 | 86  | 116 | 93  | 110 | 120 | 156             |
| 12            | 146  | 156 | 161 | 170 | 178 | 179 | 179 | 180 | 180 | 179 | 178 | 177 | 177 | 176 | 174 | 173 | 172 | 170 | 167 | 160 | 165 | 170 | 170 | 169 | 171             |
| 13            | 171  | 169 | 171 | 174 | 179 | 179 | 179 | 179 | 179 | 179 | 178 | 178 | 177 | 177 | 174 | 172 | 167 | 169 | 171 | 172 | 172 | 173 | 171 | 166 | 174             |
| 14            | 165  | 170 | 172 | 172 | 175 | 181 | 180 | 179 | 179 | 177 | 177 | 175 | 175 | 176 | 175 | 175 | 172 | 172 | 170 | 171 | 171 | 174 | 174 | 170 | 174             |
| 15            | 167  | 168 | 173 | 175 | 177 | 180 | 179 | 178 | 177 | 177 | 177 | 177 | 177 | 176 | 175 | 175 | 174 | 173 | 173 | 172 | 172 | 174 | 172 | 169 | 174             |
| 16            | 166  | 170 | 172 | 177 | 181 | 179 | 178 | 178 | 177 | 177 | 177 | 177 | 177 | 177 | 174 | 172 | 168 | 169 | 167 | 170 | 169 | 170 | 170 | 168 | 173             |
| 17 Q          | 167  | 166 | 165 | 166 | 174 | 179 | 178 | 175 | 175 | 176 | 176 | 175 | 174 | 173 | 173 | 173 | 172 | 172 | 173 | 171 | 171 | 170 | 169 | 165 | 172             |
| 18 Q          | 162  | 163 | 163 | 168 | 175 | 177 | 177 | 175 | 175 | 175 | 175 | 175 | 174 | 174 | 174 | 174 | 171 | 171 | 171 | 174 | 173 | 173 | 172 | 169 | 172             |
| 19            | 167  | 167 | 168 | 170 | 174 | 178 | 177 | 175 | 175 | 175 | 175 | 174 | 173 | 173 | 173 | 173 | 172 | 171 | 170 | 171 | 169 | 169 | 169 | 169 | 172             |
| 20            | 164  | 162 | 166 | 166 | 169 | 172 | 171 | 171 | 173 | 173 | 175 | 175 | 166 | 165 | 170 | 174 | 173 | 174 | 170 | 167 | 168 | 172 | 171 | 170 | 170             |
| 21 Q          | 168  | 168 | 166 | 166 | 171 | 176 | 176 | 175 | 174 | 174 | 174 | 173 | 173 | 173 | 171 | 171 | 173 | 173 | 175 | 175 | 176 | 177 | 177 | 174 | 173             |
| 22            | 168  | 165 | 165 | 168 | 174 | 175 | 175 | 175 | 175 | 175 | 177 | 175 | 175 | 177 | 141 | 134 | 154 | 156 | 122 | 77  | 72  | 88  | 98  | 103 | 149             |
| 23 D          | 123  | 146 | 163 | 179 | 185 | 179 | 178 | 177 | 177 | 180 | 185 | 191 | 197 | 191 | 179 | 160 | 159 | 175 | 177 | 177 | 176 | 175 | 174 | 173 | 174             |
| 24            | 174  | 174 | 170 | 172 | 175 | 179 | 181 | 186 | 187 | 191 | 186 | 176 | 175 | 163 | 166 | 162 | 165 | 169 | 167 | 164 | 158 | 166 | 168 | 166 | 173             |
| 25            | 165  | 166 | 166 | 174 | 180 | 184 | 185 | 188 | 190 | 191 | 190 | 185 | 183 | 181 | 178 | 175 | 177 | 175 | 168 | 161 | 170 | 175 | 175 | 175 | 177             |
| 26            | 177  | 180 | 177 | 174 | 177 | 179 | 184 | 185 | 183 | 181 | 180 | 179 | 178 | 177 | 177 | 175 | 174 | 174 | 175 | 175 | 175 | 175 | 170 | 168 | 177             |
| 27            | 165  | 169 | 170 | 175 | 179 | 182 | 184 | 183 | 180 | 182 | 183 | 186 | 187 | 183 | 181 | 183 | 178 | 173 | 162 | 157 | 162 | 164 | 170 | 167 | 175             |
| 28 D          | 162  | 167 | 176 | 176 | 177 | 185 | 187 | 187 | 186 | 187 | 188 | 184 | 157 | 154 | 157 | 156 | 142 | 129 | 143 | 160 | 171 | 175 | 165 | 166 | 168             |
| 29 D          | 160  | 155 | 158 | 166 | 173 | 180 | 182 | 180 | 182 | 185 | 184 | 175 | 169 | 151 | 158 | 149 | 101 | 72  | 96  | 138 | 153 | 166 | 174 | 170 | 157             |
| 30            | 172  | 170 | 169 | 169 | 172 | 176 | 177 | 175 | 177 | 175 | 176 | 177 | 177 | 162 | 158 | 158 | 152 | 149 | 143 | 128 | 129 | 151 | 160 | 165 | 163             |
| 31            | 164  | 164 | 164 | 169 | 173 | 177 | 176 | 172 | 176 | 175 | 175 | 175 | 174 | 175 | 169 | 163 | 166 | 170 | 172 | 168 | 172 | 173 | 175 | 171 | 171             |
| СРЕДНЕЕ       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 164  | 166 | 168 | 171 | 176 | 178 | 178 | 177 | 177 | 178 | 178 | 177 | 174 | 171 | 167 | 164 | 161 | 160 | 158 | 157 | 160 | 164 | 165 | 165 | 169             |
| Q -СРЕДНЕЕ    |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 168  | 168 | 167 | 169 | 174 | 177 | 176 | 175 | 174 | 174 | 174 | 173 | 173 | 172 | 172 | 171 | 171 | 171 | 173 | 173 | 174 | 174 | 174 | 171 | 172             |
| D -СРЕДНЕЕ    |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 151  | 158 | 165 | 172 | 179 | 181 | 180 | 181 | 180 | 182 | 181 | 179 | 174 | 166 | 164 | 154 | 142 | 137 | 133 | 139 | 149 | 153 | 156 | 158 | 163             |

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

DECLINATION D=-13.00 DEGRES +TABLE VALUE IN TENTHS OF MINUTES

|                                                                                                               |      |
|---------------------------------------------------------------------------------------------------------------|------|
| ПО ВСЕМ ДНЯМ-331-336-352-365-366-359-348-338-336-331-326-321-314-317-295-298-303-298-309-307-315-313-304-310  | -325 |
| Q -СРЕДНЕЕ                                                                                                    |      |
| ПО СПОК. ДНЯМ-318-329-338-346-350-346-338-330-328-326-322-323-321-320-309-308-305-309-307-314-312-301-293-296 | -320 |
| D -СРЕДНЕЕ                                                                                                    |      |
| ПО ВОЗМ.ДНЯМ-378-360-383-393-372-368-362-353-354-337-338-302-309-350-281-287-293-291-311-297-326-337-325-346  | -336 |

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ |   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10 | 11 | 12 | 13  | 14  | 15  | 16 | 17  | 18 | 19 | 20 | 21 | 22 | 23 | 24 | СРЕДНЕЕ |
|------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| ДНИ  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |    |    |    |    |    |    |     |    |    |    |     |     |     |    |     |    |    |    |    |    |    |    | MEAN    |
| 1    |   | 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 48 | 52 | 61 | 69 | 74 | 73 | 73 | 77  | 77 | 77 | 77 | 76  | 83  | 63  | 58 | 67  | 74 | 77 | 77 | 79 | 77 | 75 | 64 | 70      |
| 2    |   | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46 | 50 | 56 | 66 | 75 | 81 | 82 | 80  | 78 | 74 | 75 | 66  | 60  | 69  | 66 | 71  | 61 | 65 | 72 | 71 | 72 | 71 | 66 | 68      |
| 3    |   | 58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50 | 46 | 52 | 64 | 72 | 77 | 66 | 71  | 73 | 70 | 78 | 74  | 74  | 90  | 65 | 72  | 71 | 75 | 78 | 79 | 74 | 79 | 65 | 70      |
| 4    | Q | 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 52 | 52 | 54 | 63 | 75 | 77 | 75 | 77  | 79 | 78 | 78 | 78  | 73  | 75  | 81 | 79  | 79 | 79 | 77 | 77 | 77 | 73 | 68 | 72      |
| 5    |   | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50 | 50 | 56 | 66 | 71 | 74 | 75 | 75  | 74 | 73 | 72 | 74  | 78  | 78  | 85 | 89  | 87 | 60 | 63 | 42 | 49 | 60 | 50 | 67      |
| 6    | D | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 52 | 44 | 68 | 52 | 60 | 72 | 73 | 66  | 71 | 52 | 53 | 65  | 65  | 67  | 75 | 37  | 19 | 43 | 33 | 44 | 63 | 54 | 22 | 54      |
| 7    | D | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44 | 34 | 46 | 53 | 57 | 57 | 48 | 70  | 58 | 70 | 64 | 69  | 74  | 41  | 28 | 46  | 17 | 42 | 60 | 44 | 52 | 58 | 44 | 50      |
| 8    |   | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25 | 38 | 47 | 48 | 66 | 68 | 70 | 72  | 72 | 60 | 67 | 52  | 64  | 67  | 58 | 63  | 56 | 63 | 54 | 52 | 64 | 33 | 48 | 55      |
| 9    |   | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 38 | 41 | 44 | 52 | 68 | 77 | 71 | 66  | 70 | 70 | 70 | 70  | 69  | 36  | 37 | 65  | 70 | 67 | 71 | 75 | 73 | 64 | 44 | 60      |
| 10   |   | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42 | 42 | 52 | 64 | 73 | 75 | 68 | 73  | 71 | 71 | 71 | 73  | 73  | 73  | 70 | 70  | 68 | 72 | 77 | 74 | 74 | 62 | 46 | 66      |
| 11   |   | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 47 | 46 | 65 | 72 | 69 | 77 | 83 | 80  | 86 | 69 | 65 | 66  | 68  | 62  | 62 | 35  | 32 | 40 | 60 | 60 | 58 | 48 | 34 | 60      |
| 12   | D | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36 | 9  | 50 | 63 | 80 | 72 | 75 | 102 | 39 | 64 | 79 | -10 | -28 | -42 | -4 | -13 | -7 | -3 | 9  | 21 | 21 | 25 | 20 | 28      |
| 13   |   | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 36 | 30 | 31 | 31 | 36 | 44 | 54 | 53  | 40 | 52 | 50 | 61  | 36  | 31  | 37 | 44  | 50 | 46 | 42 | 44 | 46 | 50 | 40 | 42      |
| 14   | D | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42 | 36 | 22 | 34 | 52 | 62 | 52 | 38  | 52 | 60 | 47 | 18  | -46 | 53  | 48 | 15  | 1  | 3  | 36 | 37 | 28 | 36 | 40 | 33      |
| 15   |   | 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40 | 38 | 46 | 48 | 57 | 62 | 65 | 60  | 60 | 61 | 61 | 63  | 62  | 65  | 61 | 67  | 69 | 64 | 57 | 64 | 70 | 50 | 89 | 59      |
| 16   |   | 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 52 | 46 | 48 | 49 | 50 | 63 | 65 | 66  | 64 | 63 | 61 | 64  | 44  | 50  | 54 | 61  | 60 | 60 | 61 | 64 | 64 | 57 | 48 | 57      |
| 17   | Q | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 36 | 34 | 42 | 55 | 62 | 67 | 68 | 69  | 60 | 63 | 50 | 50  | 58  | 56  | 50 | 53  | 57 | 56 | 66 | 70 | 66 | 64 | 54 | 56      |
| 18   | Q | 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 41 | 40 | 48 | 56 | 65 | 72 | 73 | 74  | 73 | 75 | 75 | 74  | 73  | 74  | 71 | 72  | 73 | 74 | 73 | 72 | 73 | 67 | 56 | 66      |
| 19   | Q | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44 | 46 | 56 | 65 | 73 | 75 | 75 | 72  | 66 | 71 | 71 | 77  | 79  | 79  | 80 | 75  | 77 | 79 | 80 | 78 | 81 | 77 | 67 | 70      |
| 20   | Q | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46 | 50 | 58 | 68 | 72 | 75 | 69 | 69  | 72 | 74 | 77 | 80  | 79  | 81  | 79 | 79  | 78 | 81 | 80 | 80 | 82 | 89 | 83 | 73      |
| 21   |   | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 66 | 69 | 60 | 83 | 89 | 90 | 86 | 85  | 85 | 83 | 83 | 83  | 77  | 64  | 46 | 59  | 50 | 54 | 56 | 56 | 55 | 52 | 50 | 69      |
| 22   |   | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44 | 46 | 54 | 59 | 71 | 75 | 75 | 73  | 74 | 75 | 75 | 77  | 83  | 81  | 83 | 79  | 81 | 80 | 76 | 77 | 78 | 74 | 69 | 71      |
| 23   |   | 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 54 | 48 | 52 | 65 | 79 | 85 | 84 | 81  | 85 | 82 | 81 | 71  | 63  | 57  | 76 | 76  | 65 | 72 | 74 | 77 | 81 | 77 | 69 | 72      |
| 24   | D | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46 | 44 | 56 | 64 | 56 | 63 | 73 | 66  | 66 | 50 | 68 | 53  | 40  | 46  | 38 | 50  | 58 | 44 | 71 | 70 | 64 | 71 | 50 | 57      |
| 25   |   | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11 | 31 | 35 | 46 | 46 | 58 | 51 | 66  | 63 | 58 | 62 | 75  | 50  | 63  | 66 | 71  | 75 | 77 | 72 | 75 | 74 | 71 | 64 | 58      |
| 26   |   | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32 | 32 | 39 | 50 | 66 | 63 | 64 | 64  | 60 | 72 | 62 | 69  | 74  | 69  | 67 | 71  | 70 | 72 | 85 | 56 | 77 | 71 | 52 | 62      |
| 27   |   | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32 | 32 | 44 | 56 | 67 | 72 | 68 | 73  | 73 | 71 | 79 | 71  | 71  | 71  | 73 | 75  | 83 | 81 | 83 | 69 | 68 | 65 | 59 | 65      |
| 28   |   | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 38 | 36 | 30 | 32 | 59 | 63 | 67 | 66  | 66 | 65 | 58 | 50  | 40  | 45  | 60 | 67  | 67 | 64 | 64 | 67 | 62 | 57 | 48 | 55      |
| 29   |   | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 33 | 32 | 38 | 46 | 59 | 67 | 66 | 69  | 65 | 54 | 64 | 64  | 71  | 78  | 70 | 73  | 73 | 73 | 72 | 71 | 71 | 69 | 60 | 61      |
| 30   |   | 99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999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|    |    |    |    |    |    |    |     |    |    |    |     |     |     |    |     |    |    |    |    |    |    |    |         |

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

| ЧАСЫ<br>ДНИ | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| 1           | 225 | 226 | 226 | 226 | 226 | 229 | 229 | 227 | 226 | 225 | 225  | 226 | 226 | 222 | 210 | 215 | 220 | 221 | 221 | 222 | 223 | 225 | 226 | 225 | 224     |
| 2           | 224 | 226 | 225 | 226 | 229 | 231 | 231 | 228 | 226 | 225 | 226  | 226 | 225 | 226 | 224 | 217 | 200 | 192 | 208 | 220 | 221 | 225 | 226 | 225 | 222     |
| 3           | 223 | 224 | 224 | 226 | 226 | 228 | 230 | 229 | 228 | 228 | 228  | 226 | 226 | 226 | 210 | 205 | 217 | 220 | 222 | 222 | 218 | 218 | 212 | 213 | 222     |
| 4           | 216 | 219 | 221 | 223 | 224 | 226 | 227 | 226 | 225 | 224 | 223  | 223 | 223 | 224 | 224 | 224 | 224 | 224 | 224 | 224 | 224 | 224 | 226 | 226 | 224     |
| 5           | 226 | 224 | 221 | 220 | 221 | 222 | 224 | 225 | 224 | 224 | 224  | 225 | 225 | 224 | 224 | 222 | 216 | 214 | 204 | 141 | 155 | 162 | 192 | 208 | 211     |
| 6           | 218 | 218 | 217 | 221 | 226 | 231 | 234 | 234 | 234 | 235 | 232  | 231 | 228 | 230 | 226 | 205 | 193 | 172 | 159 | 173 | 175 | 192 | 209 | 211 | 213     |
| 7           | 215 | 226 | 228 | 232 | 234 | 236 | 238 | 239 | 241 | 244 | 238  | 235 | 233 | 206 | 189 | 205 | 203 | 194 | 188 | 207 | 202 | 214 | 216 | 215 | 220     |
| 8           | 221 | 227 | 232 | 233 | 233 | 234 | 234 | 232 | 232 | 232 | 235  | 234 | 237 | 241 | 232 | 222 | 225 | 219 | 194 | 186 | 196 | 197 | 210 | 218 | 223     |
| 9           | 223 | 230 | 231 | 231 | 231 | 231 | 232 | 231 | 232 | 233 | 231  | 230 | 230 | 230 | 222 | 225 | 209 | 194 | 213 | 223 | 226 | 230 | 233 | 234 | 226     |
| 10          | 233 | 230 | 226 | 225 | 226 | 230 | 231 | 229 | 231 | 232 | 232  | 232 | 230 | 230 | 229 | 227 | 227 | 226 | 222 | 222 | 224 | 227 | 229 | 231 | 228     |
| 11          | 226 | 224 | 223 | 220 | 228 | 231 | 230 | 228 | 229 | 234 | 242  | 250 | 252 | 238 | 239 | 228 | 212 | 210 | 212 | 220 | 222 | 220 | 225 | 225 | 228     |
| 12          | 213 | 205 | 207 | 225 | 234 | 241 | 241 | 239 | 247 | 344 | 9999 | 425 | 274 | 246 | 162 | 202 | 222 | 209 | 239 | 245 | 248 | 248 | 247 | 249 | 244     |
| 13          | 250 | 252 | 250 | 248 | 247 | 247 | 247 | 245 | 245 | 247 | 249  | 251 | 243 | 238 | 242 | 235 | 201 | 202 | 223 | 221 | 225 | 232 | 233 | 233 | 238     |
| 14          | 230 | 228 | 230 | 231 | 238 | 242 | 243 | 244 | 251 | 259 | 261  | 262 | 270 | 145 | 152 | 216 | 230 | 199 | 176 | 189 | 198 | 211 | 220 | 218 | 223     |
| 15          | 220 | 226 | 230 | 233 | 239 | 246 | 244 | 241 | 239 | 238 | 237  | 236 | 236 | 236 | 234 | 234 | 235 | 234 | 230 | 217 | 219 | 221 | 223 | 218 | 232     |
| 16          | 218 | 226 | 232 | 235 | 235 | 235 | 236 | 235 | 234 | 234 | 234  | 235 | 234 | 234 | 235 | 234 | 234 | 231 | 228 | 225 | 231 | 231 | 232 | 232 | 232     |
| 17          | 234 | 238 | 241 | 241 | 239 | 238 | 237 | 235 | 234 | 235 | 237  | 242 | 244 | 237 | 222 | 219 | 219 | 225 | 229 | 232 | 229 | 231 | 237 | 239 | 234     |
| 18          | 240 | 240 | 238 | 238 | 237 | 236 | 236 | 234 | 232 | 232 | 231  | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 232 | 231 | 229 | 233     |
| 19          | 231 | 234 | 234 | 230 | 230 | 231 | 231 |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |         |

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

| ЧАСЫ<br>ДНИ | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|
| 1           | 166 | 165 | 167 | 169 | 173 | 177 | 177 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 156 | 159 | 167 | 170 | 171 | 172 | 173 | 174 | 174 | 170 | 171             |     |
| 2           | 164 | 164 | 165 | 168 | 174 | 179 | 181 | 179 | 176 | 175 | 174 | 175 | 171 | 169 | 171 | 163 | 147 | 138 | 155 | 168 | 169 | 173 | 174 | 171 | 168             |     |
| 3           | 167 | 164 | 164 | 166 | 171 | 175 | 179 | 175 | 175 | 176 | 175 | 176 | 175 | 174 | 165 | 153 | 166 | 168 | 171 | 171 | 170 | 167 | 162 | 159 | 169             |     |
| 4           | Q   | 158 | 161 | 163 | 165 | 169 | 175 | 176 | 174 | 174 | 174 | 173 | 173 | 173 | 172 | 173 | 175 | 174 | 174 | 174 | 174 | 173 | 174 | 174 | 173             | 172 |
| 5           |     | 169 | 165 | 162 | 163 | 167 | 170 | 173 | 174 | 173 | 173 | 173 | 173 | 174 | 174 | 174 | 175 | 171 | 168 | 151 | 89  | 99  | 106 | 137 | 150             | 158 |
| 6           | D   | 156 | 159 | 156 | 168 | 166 | 174 | 181 | 182 | 179 | 181 | 174 | 173 | 173 | 175 | 172 | 156 | 131 | 105 | 102 | 112 | 114 | 140 | 154 | 142             | 155 |
| 7           | D   | 144 | 165 | 163 | 170 | 175 | 178 | 179 | 178 | 187 | 187 | 184 | 180 | 180 | 154 | 128 | 139 | 144 | 126 | 126 | 152 | 142 | 156 | 160 | 154             | 160 |
| 8           |     | 151 | 158 | 167 | 171 | 172 | 179 | 180 | 177 | 180 | 179 | 177 | 180 | 177 | 186 | 177 | 166 | 170 | 161 | 140 | 130 | 138 | 142 | 154 | 159             | 166 |
| 9           |     | 161 | 166 | 168 | 169 | 172 | 177 | 181 | 177 | 177 | 179 | 178 | 177 | 176 | 177 | 159 | 161 | 156 | 144 | 161 | 171 | 175 | 178 | 178 | 171             | 170 |
| 10          |     | 170 | 167 | 163 | 166 | 171 | 178 | 179 | 175 | 178 | 179 | 179 | 179 | 179 | 178 | 177 | 175 | 174 | 172 | 170 | 172 | 173 | 175 | 173 | 169             | 174 |
| 11          |     | 165 | 163 | 163 | 172 | 175 | 177 | 179 | 179 | 179 | 186 | 188 | 194 | 196 | 183 | 182 | 172 | 148 | 146 | 149 | 164 | 166 | 164 | 165 | 160             | 171 |
| 12          | D   | 138 | 144 | 135 | 165 | 179 | 190 | 189 | 187 | 205 | 295 | 326 | 423 | 232 | 164 | 77  | 127 | 144 | 125 | 160 | 171 | 177 | 177 | 177 | 177             | 187 |
| 13          |     | 180 | 186 | 183 | 179 | 179 | 180 | 183 | 185 | 184 | 183 | 189 | 190 | 188 | 173 | 175 | 171 | 141 | 145 | 163 | 159 | 164 | 170 | 173 | 170             | 175 |
| 14          | D   | 163 | 166 | 165 | 162 | 173 | 181 | 186 | 184 | 187 | 198 | 202 | 201 | 196 | 61  | 100 | 154 | 165 | 123 | 102 | 127 | 136 | 144 | 156 | 156             | 158 |
| 15          |     | 158 | 162 | 166 | 171 | 178 | 187 | 188 | 185 | 181 | 181 | 181 | 180 | 180 | 181 | 179 | 177 | 181 | 181 | 175 | 161 | 165 | 168 | 164 | 171             | 175 |
| 16          |     | 164 | 167 | 171 | 174 | 175 | 175 | 181 | 179 | 179 | 178 | 179 | 178 | 179 | 173 | 175 | 176 | 178 | 175 | 173 | 170 | 175 | 176 | 174 | 172             | 175 |
| 17          | Q   | 171 | 173 | 175 | 177 | 180 | 181 | 183 | 181 | 180 | 178 | 181 | 181 | 184 | 179 | 165 | 160 | 161 | 167 | 171 | 177 | 176 | 176 | 181 | 180             | 176 |
| 18          | Q   | 177 | 176 | 175 | 176 | 178 | 180 | 183 | 182 | 180 | 179 | 179 | 179 | 179 | 179 | 179 | 178 | 178 | 179 | 179 | 179 | 179 | 179 | 177 | 171             | 178 |
| 19          | Q   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |     |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАРТ 2000 года  
MARCH 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGRES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   |   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | D | -300 | -318 | -336 | -349 | -377 | -398 | -382 | -397 | -392 | -381 | -331 | -332 | -306 | -215 | -236 | -250 | -280 | -290 | -323 | -355 | -352 | -314 | -308 | -344 | -328            |
| 2             |   | -394 | -392 | -404 | -420 | -406 | -385 | -355 | -337 | -330 | -329 | -325 | -326 | -314 | -310 | -317 | -312 | -316 | -312 | -309 | -308 | -302 | -293 | -295 | -285 | -336            |
| 3             |   | -309 | -332 | -355 | -366 | -368 | -358 | -347 | -338 | -330 | -328 | -326 | -322 | -316 | -313 | -302 | -295 | -304 | -305 | -304 | -300 | -323 | -306 | -287 | -290 | -322            |
| 4             | Q | -302 | -321 | -336 | -345 | -352 | -349 | -343 | -332 | -327 | -326 | -324 | -321 | -316 | -313 | -299 | -286 | -264 | -289 | -300 | -300 | -300 | -290 | -278 | -265 | -312            |
| 5             |   | -277 | -299 | -332 | -354 | -362 | -375 | -357 | -342 | -331 | -327 | -330 | -332 | -319 | -314 | -305 | -303 | -300 | -307 | -298 | -286 | -288 | -289 | -312 | -295 | -318            |
| 6             |   | -305 | -327 | -346 | -366 | -362 | -364 | -359 | -346 | -356 | -352 | -350 | -335 | -327 | -299 | -304 | -300 | -293 | -300 | -257 | -274 | -265 | -286 | -300 | -312 | -320            |
| 7             | D | -316 | -374 | -390 | -415 | -422 | -404 | -361 | -361 | -365 | -342 | -340 | -360 | -324 | -320 | -289 | -250 | -278 | -321 | -325 | -339 | -350 | -300 | -315 | -306 | -340            |
| 8             | D | -323 | -307 | -373 | -387 | -407 | -386 | -359 | -344 | -348 | -359 | -400 | -328 | -278 | -300 | -278 | -255 | -257 | -254 | -227 | -250 | -246 | -286 | -291 | -288 | -314            |
| 9             |   | -329 | -347 | -369 | -384 | -392 | -375 | -351 | -335 | -324 | -324 | -323 | -318 | -312 | -294 | -309 | -316 | -316 | -316 | -320 | -314 | -300 | -281 | -270 | -280 | -325            |
| 10            |   | -285 | -313 | -339 | -363 | -363 | -358 | -348 | -332 | -322 | -346 | -352 | -330 | -305 | -306 | -258 | -264 | -285 | -251 | -259 | -253 | -240 | -268 | -290 | -296 | -305            |
| 11            |   | -355 | -365 | -397 | -401 | -379 | -363 | -368 | -349 | -350 | -346 | -356 | -351 | -344 | -278 | -269 | -294 | -283 | -267 | -281 | -284 | -279 | -276 | -268 | -279 | -324            |
| 12            | D | -336 | -357 | -386 | -376 | -383 | -399 | -405 | -368 | -394 | -373 | -352 | -316 | -286 | -319 | -304 | -304 | -301 | -290 | -304 | -314 | -303 | -300 | -291 | -327 | -337            |
| 13            |   | -345 | -345 | -369 | -391 | -393 | -379 | -364 | -342 | -326 | -326 | -326 | -322 | -316 | -312 | -312 | -311 | -309 | -306 | -306 | -304 | -280 | -260 | -252 | -265 | -323            |
| 14            |   | -305 | -335 | -362 | -381 | -381 | -384 | -368 | -342 | -329 | -335 | -325 | -307 | -307 | -299 | -295 | -295 | -304 | -293 | -308 | -305 | -316 | -294 | -270 | -286 | -322            |
| 15            | Q | -300 | -327 | -358 | -379 | -385 | -382 | -363 | -341 | -323 | -318 | -314 | -314 | -312 | -312 | -311 | -308 | -303 | -306 | -305 | -301 | -295 | -282 | -270 | -272 | -320            |
| 16            | Q | -285 | -307 | -335 | -363 | -377 | -372 | -354 | -331 | -315 | -311 | -310 | -309 | -308 | -304 | -300 | -300 | -296 | -296 | -291 | -282 | -273 | -257 | -248 | -254 | -307            |
| 17            |   | -271 | -305 | -330 | -350 | -358 | -351 | -336 | -323 | -312 | -305 | -303 | -310 | -306 | -304 | -301 | -302 | -305 | -304 | -300 | -295 | -282 | -264 | -253 | -257 | -305            |
| 18            |   | -281 | -302 | -330 | -350 | -360 | -362 | -347 | -324 | -316 | -311 | -306 | -312 | -312 | -290 | -285 | -286 | -282 | -278 | -282 | -290 | -290 | -263 | -253 | -244 | -302            |
| 19            |   | -276 | -311 | -344 | -378 | -383 | -391 | -386 | -396 | -382 | -349 | -312 | -311 | -295 | -285 | -273 | -273 | -275 | -289 | -304 | -295 | -282 | -273 | -269 | -274 | -317            |
| 20            |   | -296 | -319 | -345 | -371 | -379 | -373 | -355 | -337 | -325 | -315 | -311 | -318 | -311 | -302 | -304 | -303 | -297 | -292 | -290 | -288 | -282 | -266 | -254 | -259 | -312            |
| 21            |   | -287 | -312 | -340 | -363 | -373 | -368 | -352 | -335 | -325 | -321 | -318 | -313 | -307 | -300 | -297 | -289 | -286 | -290 | -286 | -278 | -264 | -241 | -228 | -236 | -305            |
| 22            |   | -259 | -286 | -333 | -374 | -399 | -392 | -362 | -341 | -338 | -337 | -320 | -306 | -296 | -267 | -243 | -249 | -253 | -284 | -296 | -306 | -290 | -273 | -299 | -293 | -308            |
| 23            |   | -275 | -312 | -356 | -382 | -391 | -383 | -372 | -351 | -333 | -326 | -305 | -283 | -255 | -241 | -240 | -278 | -294 | -291 | -295 | -291 | -287 | -281 | -273 | -272 | -307            |
| 24            |   | -286 | -314 | -353 | -387 | -395 | -387 | -364 | -341 | -326 | -314 | -323 | -304 | -301 | -222 | -264 | -277 | -311 | -308 | -297 | -297 | -296 | -283 | -259 | -260 | -311            |
| 25            |   | -283 | -309 | -343 | -377 | -396 | -383 | -364 | -329 | -319 | -311 | -288 | -298 | -308 | -315 | -316 | -313 | -310 | -337 | -325 | -312 | -281 | -269 | -259 | -266 | -317            |
| 26            | Q | -288 | -316 | -343 | -372 | -383 | -378 | -363 | -342 | -298 | -320 | -313 | -312 | -311 | -308 | -304 | -303 | -293 | -296 | -299 | -294 | -297 | -284 | -256 | -264 | -314            |
| 27            | Q | -259 | -309 | -352 | -394 | -409 | -400 | -373 | -341 | -319 | -316 | -314 | -311 | -305 | -305 | -301 | -299 | -299 | -302 | -304 | -291 | -275 | -257 | -248 | -236 | -313            |
| 28            |   | -277 | -320 | -357 | -394 | -403 | -400 | -376 | -352 | -327 | -312 | -310 | -313 | -311 | -306 | -306 | -307 | -309 | -307 | -305 | -295 | -282 | -264 | -249 | -242 | -318            |
| 29            |   | -265 | -308 | -354 | -387 | -402 | -394 | -368 | -337 | -325 | -318 | -316 | -311 | -306 | -305 | -304 | -300 | -295 | -296 | -300 | -295 | -283 | -300 | -297 | -332 | -321            |
| 30            |   | -297 | -337 | -373 | -383 | -383 | -378 | -354 | -341 | -327 | -312 | -318 | -315 | -313 | -311 | -281 | -273 | -240 | -234 | -269 | -337 | -328 | -297 | -287 | -277 | -315            |
| 31            | D | -302 | -327 | -378 | -412 | -423 | -439 | -430 | -432 | -432 | -436 | -449 | -354 | -310 | -248 | -272 | -281 | -257 | -257 | -287 | -339 | -358 | -295 | -296 | -326 | -347            |
| СРЕДНЕЕ       |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  |   | -299 | -324 | -355 | -378 | -385 | -381 | -364 | -347 | -338 | -333 | -329 | -319 | -308 | -294 | -290 | -290 | -290 | -293 | -295 | -299 | -293 | -280 | -275 | -280 | -318            |
| Q -СРЕДНЕЕ    |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ |   | -287 | -316 | -345 | -371 | -381 | -376 | -359 | -337 | -316 | -318 | -315 | -313 | -310 | -308 | -303 | -299 | -291 | -298 | -300 | -294 | -288 | -274 | -260 | -258 | -313            |
| D -СРЕДНЕЕ    |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ |   | -315 | -337 | -373 | -388 | -402 | -405 | -387 | -380 | -386 | -378 | -374 | -338 | -301 | -280 | -276 | -268 | -275 | -282 | -293 | -319 | -322 | -299 | -300 | -318 | -333            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАРТ 2000 года  
MARCH 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ Н В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8   | 9  | 10 | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24 | СРЕДНЕЕ<br>MEAN |
|---------------|----|----|----|----|----|----|----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----------------|
| 1 D           | 50 | 39 | 45 | 54 | 57 | 58 | 65 | 68  | 66 | 49 | 29  | 38  | 40  | 41  | 30  | 31  | 64  | 50  | 63  | 66  | 60 | 56 | 42 | 18 | 49              |
| 2             | 13 | 11 | 16 | 21 | 30 | 45 | 52 | 64  | 64 | 64 | 66  | 68  | 68  | 69  | 77  | 71  | 73  | 74  | 74  | 71  | 74 | 74 | 69 | 47 | 56              |
| 3             | 29 | 21 | 20 | 31 | 48 | 64 | 73 | 76  | 73 | 74 | 75  | 76  | 71  | 70  | 76  | 74  | 76  | 78  | 80  | 80  | 72 | 75 | 72 | 57 | 64              |
| 4 Q           | 46 | 41 | 39 | 43 | 54 | 66 | 74 | 78  | 80 | 80 | 81  | 80  | 80  | 81  | 86  | 84  | 72  | 74  | 76  | 78  | 80 | 80 | 80 | 70 | 71              |
| 5             | 55 | 43 | 41 | 49 | 56 | 61 | 70 | 78  | 78 | 74 | 73  | 74  | 79  | 80  | 81  | 81  | 76  | 78  | 86  | 81  | 76 | 76 | 74 | 69 | 70              |
| 6             | 51 | 47 | 54 | 60 | 72 | 82 | 86 | 88  | 86 | 76 | 82  | 80  | 83  | 67  | 78  | 80  | 68  | 66  | 68  | 66  | 69 | 63 | 58 | 49 | 70              |
| 7 D           | 27 | 31 | 45 | 43 | 43 | 66 | 68 | 73  | 80 | 74 | 68  | 62  | 64  | 84  | 58  | 50  | 57  | 64  | 68  | 64  | 58 | 51 | 45 | 43 | 58              |
| 8 D           | 35 | 29 | 33 | 41 | 52 | 67 | 76 | 81  | 80 | 86 | 79  | 63  | 68  | 59  | 51  | 54  | 52  | 48  | 41  | 55  | 59 | 48 | 43 | 30 | 55              |
| 9             | 12 | 7  | 18 | 33 | 53 | 66 | 70 | 71  | 73 | 73 | 72  | 75  | 72  | 69  | 72  | 74  | 75  | 74  | 74  | 75  | 73 | 68 | 57 | 47 | 61              |
| 10            | 35 | 26 | 26 | 39 | 55 | 69 | 82 | 86  | 85 | 76 | 76  | 70  | 62  | 51  | 47  | 49  | 56  | 41  | 43  | 47  | 55 | 58 | 41 | 21 | 54              |
| 11            | 22 | 16 | 16 | 29 | 41 | 52 | 63 | 61  | 61 | 66 | 66  | 60  | 62  | 54  | 45  | 54  | 58  | 51  | 50  | 55  | 62 | 55 | 45 | 32 | 49              |
| 12 D          | 22 | 25 | 39 | 52 | 78 | 76 | 89 | 73  | 87 | 82 | 70  | 78  | 52  | 72  | 74  | 80  | 74  | 75  | 66  | 66  | 62 | 55 | 39 | 31 | 63              |
| 13            | 35 | 34 | 33 | 35 | 47 | 59 | 67 | 74  | 73 | 73 | 72  | 73  | 72  | 73  | 74  | 74  | 73  | 73  | 72  | 73  | 70 | 70 | 59 | 43 | 63              |
| 14            | 31 | 31 | 31 | 39 | 51 | 67 | 76 | 81  | 83 | 78 | 78  | 68  | 72  | 73  | 68  | 65  | 75  | 64  | 70  | 72  | 69 | 68 | 63 | 45 | 63              |
| 15 Q          | 33 | 28 | 27 | 35 | 53 | 68 | 75 | 82  | 80 | 81 | 80  | 78  | 80  | 80  | 80  | 78  | 78  | 80  | 80  | 78  | 80 | 76 | 68 | 57 | 68              |
| 16 Q          | 44 | 39 | 39 | 49 | 62 | 76 | 84 | 90  | 90 | 90 | 88  | 87  | 87  | 87  | 88  | 92  | 90  | 88  | 89  | 91  | 92 | 85 | 75 | 60 | 78              |
| 17            | 51 | 47 | 49 | 60 | 74 | 74 | 92 | 98  | 92 | 90 | 80  | 85  | 88  | 89  | 86  | 84  | 84  | 84  | 84  | 84  | 82 | 72 | 61 | 53 | 77              |
| 18            | 43 | 41 | 45 | 55 | 67 | 78 | 89 | 92  | 94 | 95 | 93  | 90  | 90  | 87  | 86  | 86  | 80  | 78  | 82  | 78  | 84 | 76 | 61 | 39 | 75              |
| 19            | 25 | 31 | 41 | 52 | 76 | 85 | 82 | 80  | 72 | 72 | 76  | 81  | 84  | 85  | 79  | 79  | 80  | 81  | 88  | 84  | 80 | 74 | 82 | 49 | 72              |
| 20            | 30 | 21 | 27 | 41 | 61 | 76 | 89 | 87  | 88 | 90 | 90  | 78  | 67  | 81  | 85  | 85  | 84  | 82  | 81  | 80  | 80 | 77 | 64 | 46 | 70              |
| 21            | 35 | 30 | 37 | 54 | 72 | 82 | 86 | 88  | 90 | 92 | 91  | 95  | 96  | 97  | 95  | 95  | 94  | 93  | 92  | 90  | 88 | 82 | 68 | 49 | 79              |
| 22            | 29 | 16 | 21 | 35 | 49 | 75 | 92 | 106 | 90 | 97 | 105 | 117 | 114 | 107 | 110 | 110 | 103 | 107 | 103 | 91  | 87 | 88 | 86 | 82 | 84              |
| 23            | 58 | 45 | 41 | 43 | 62 | 68 | 78 | 73  | 78 | 83 | 85  | 82  | 86  | 89  | 76  | 87  | 88  | 82  | 78  | 80  | 83 | 84 | 75 | 60 | 74              |
| 24            | 39 | 25 | 25 | 33 | 56 | 74 | 88 | 94  | 92 | 86 | 88  | 87  | 81  | 51  | 45  | 70  | 78  | 74  | 72  | 72  | 74 | 74 | 66 | 53 | 67              |
| 25            | 31 | 16 | 21 | 31 | 54 | 63 | 78 | 72  | 78 | 76 | 76  | 71  | 73  | 78  | 78  | 80  | 86  | 94  | 76  | 75  | 76 | 72 | 60 | 47 | 65              |
| 26 Q          | 32 | 23 | 24 | 35 | 49 | 66 | 77 | 84  | 83 | 84 | 84  | 84  | 84  | 85  | 84  | 91  | 84  | 76  | 80  | 82  | 86 | 83 | 70 | 53 | 70              |
| 27 Q          | 24 | 16 | 22 | 33 | 44 | 66 | 80 | 87  | 86 | 87 | 87  | 86  | 86  | 84  | 87  | 84  | 87  | 87  | 88  | 87  | 86 | 82 | 68 | 47 | 70              |
| 28            | 22 | 16 | 22 | 41 | 62 | 78 | 82 | 84  | 83 | 85 | 82  | 82  | 85  | 84  | 85  | 84  | 84  | 86  | 87  | 89  | 87 | 84 | 74 | 57 | 72              |
| 29            | 34 | 18 | 19 | 35 | 51 | 69 | 82 | 85  | 85 | 86 | 86  | 88  | 92  | 92  | 93  | 93  | 92  | 94  | 97  | 103 | 97 | 78 | 37 | 70 | 74              |
| 30            | 41 | 30 | 30 | 46 | 55 | 62 | 78 | 82  | 80 | 80 | 81  | 81  | 86  | 87  | 99  | 97  | 96  | 84  | 80  | 68  | 86 | 90 | 74 | 53 | 73              |
| 31 D          | 35 | 24 | 23 | 37 | 57 | 78 | 84 | 93  | 78 | 97 | 76  | 49  | 45  | 36  | 41  | 43  | 39  | 29  | 35  | 42  | 37 | 35 | 17 | 3  | 47              |
| СРЕДНЕЕ       |    |    |    |    |    |    |    |     |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |                 |
| ПО ВСЕМ ДНЯМ  | 34 | 28 | 31 | 41 | 56 | 69 | 78 | 82  | 81 | 81 | 79  | 77  | 76  | 76  | 75  | 76  | 77  | 74  | 75  | 75  | 75 | 71 | 61 | 48 | 66              |
| Q -СРЕДНЕЕ    |    |    |    |    |    |    |    |     |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |                 |
| ПО СПОК. ДНЯМ | 36 | 29 | 30 | 39 | 52 | 68 | 78 | 84  | 84 | 84 | 84  | 83  | 83  | 83  | 85  | 86  | 82  | 81  | 83  | 83  | 85 | 81 | 72 | 57 | 71              |
| D -СРЕДНЕЕ    |    |    |    |    |    |    |    |     |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |                 |
| ПО ВОЗМ. ДНЯМ | 34 | 30 | 37 | 45 | 57 | 69 | 76 | 78  | 78 | 78 | 64  | 58  | 54  | 58  | 51  | 52  | 57  | 53  | 55  | 59  | 55 | 49 | 37 | 25 | 55              |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
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МАРТ 2000 года  
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ШИРОТА 66.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 66.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ             | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |     |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|
| 1 D                     | 227 | 226 | 227 | 228 | 231 | 238 | 249 | 248 | 255 | 264 | 268 | 259 | 249 | 225 | 207 | 205 | 192 | 212 | 223 | 223 | 231 | 232 | 233 | 235 | 233             |     |
| 2                       | 232 | 227 | 230 | 239 | 246 | 249 | 248 | 245 | 242 | 240 | 239 | 238 | 236 | 236 | 231 | 232 | 233 | 233 | 233 | 233 | 234 | 237 | 237 | 233 | 237             |     |
| 3                       | 232 | 232 | 232 | 235 | 237 | 235 | 234 | 232 | 232 | 232 | 232 | 232 | 233 | 233 | 228 | 227 | 229 | 231 | 231 | 228 | 228 | 227 | 228 | 228 | 231             |     |
| 4 Q                     | 229 | 232 | 232 | 232 | 233 | 230 | 231 | 232 | 232 | 231 | 230 | 230 | 230 | 230 | 229 | 222 | 216 | 222 | 227 | 228 | 229 | 227 | 230 | 229 | 229             |     |
| 5                       | 225 | 221 | 220 | 222 | 227 | 229 | 230 | 230 | 231 | 231 | 232 | 232 | 232 | 230 | 230 | 228 | 225 | 220 | 217 | 220 | 223 | 226 | 224 | 223 | 226             |     |
| 6                       | 219 | 218 | 219 | 221 | 222 | 226 | 230 | 232 | 235 | 235 | 234 | 234 | 231 | 231 | 232 | 231 | 228 | 218 | 213 | 212 | 206 | 215 | 222 | 228 | 225             |     |
| 7 D                     | 227 | 230 | 229 | 229 | 234 | 240 | 248 | 250 | 248 | 245 | 245 | 251 | 247 | 232 | 219 | 222 | 226 | 229 | 231 | 229 | 218 | 215 | 218 | 223 | 233             |     |
| 8 D                     | 224 | 229 | 233 | 234 | 237 | 238 | 238 | 241 | 243 | 242 | 249 | 250 | 246 | 244 | 240 | 231 | 219 | 193 | 172 | 187 | 193 | 209 | 226 | 236 | 227             |     |
| 9                       | 239 | 238 | 237 | 236 | 239 | 240 | 238 | 237 | 236 | 235 | 235 | 234 | 235 | 233 | 231 | 230 | 230 | 230 | 230 | 231 | 232 | 234 | 234 | 234 | 235             |     |
| 10                      | 233 | 234 | 233 | 235 | 236 | 235 | 232 | 233 | 235 | 236 | 240 | 243 | 237 | 237 | 235 | 230 | 227 | 220 | 216 | 209 | 209 | 219 | 223 | 228 | 230             |     |
| 11                      | 234 | 236 | 237 | 239 | 241 | 242 | 246 | 254 | 256 | 254 | 254 | 254 | 254 | 247 | 233 | 240 | 231 | 223 | 225 | 232 | 232 | 231 | 235 | 236 | 240             |     |
| 12 D                    | 237 | 237 | 240 | 239 | 240 | 243 | 249 | 254 | 256 | 255 | 255 | 245 | 251 | 246 | 240 | 236 | 234 | 231 | 232 | 235 | 237 | 239 | 241 | 242 | 242             |     |
| 13                      | 242 | 238 | 234 | 233 | 239 | 239 | 239 | 241 | 240 | 238 | 237 | 236 | 235 | 235 | 234 | 233 | 233 | 233 | 233 | 233 | 231 | 233 | 232 | 231 | 236             |     |
| 14                      | 232 | 232 | 230 | 231 | 236 | 239 | 239 | 237 | 239 | 238 | 237 | 233 | 235 | 234 | 235 | 234 | 224 | 227 | 231 | 232 | 233 | 232 | 232 | 231 | 233             |     |
| 15 Q                    | 230 | 232 | 231 | 230 | 232 | 235 | 236 | 238 | 236 | 234 | 233 | 233 | 233 | 233 | 233 | 232 | 232 | 231 | 228 | 228 | 231 | 233 | 233 | 233 | 233             |     |
| 16 Q                    | 229 | 228 | 228 | 228 | 229 | 230 | 232 | 232 | 230 | 229 | 228 | 228 | 229 | 229 | 229 | 229 | 228 | 228 | 228 | 229 | 230 | 230 | 229 | 229 | 229             |     |
| 17                      | 229 | 227 | 224 | 221 | 225 | 229 | 229 | 228 | 228 | 227 | 227 | 230 | 228 | 220 | 227 | 227 | 227 | 228 | 228 | 230 | 232 | 232 | 227 | 225 | 228             |     |
| 18                      | 223 | 225 | 226 | 224 | 225 | 227 | 228 | 228 | 227 | 227 | 227 | 227 | 227 | 227 | 227 | 226 | 226 | 227 | 227 | 228 | 228 | 225 | 226 | 227 | 226             |     |
| 19                      | 225 | 226 | 225 | 228 | 226 | 229 | 233 | 239 | 246 | 248 | 245 | 244 | 241 | 237 | 232 | 230 | 230 | 231 | 231 | 228 | 229 | 229 | 230 | 229 | 233             |     |
| 20                      | 229 | 231 | 229 | 229 | 230 | 230 | 230 | 231 | 230 | 228 | 230 | 234 | 239 | 236 | 232 | 230 | 229 | 229 | 229 | 229 | 230 | 230 | 228 | 229 | 230             |     |
| 21                      | 229 | 230 | 230 | 228 | 230 | 229 | 228 | 230 | 229 | 228 | 227 | 227 | 227 | 226 | 225 | 224 | 224 | 225 | 225 | 226 | 228 | 227 | 223 | 222 | 227             |     |
| 22                      | 220 | 219 | 220 | 224 | 226 | 229 | 230 | 233 | 230 | 230 | 229 | 227 | 226 | 226 | 224 | 220 | 216 | 217 | 219 | 218 | 219 | 225 | 228 | 228 | 224             |     |
| 23                      | 226 | 227 | 224 | 225 | 225 | 230 | 235 | 236 | 235 | 234 | 235 | 235 | 230 | 219 | 213 | 206 | 195 | 209 | 219 | 223 | 225 | 226 | 224 | 225 | 224             |     |
| 24                      | 228 | 227 | 221 | 222 | 229 | 232 | 235 | 236 | 234 | 230 | 231 | 231 | 231 | 223 | 222 | 214 | 211 | 213 | 221 | 227 | 230 | 233 | 230 | 229 | 227             |     |
| 25                      | 232 | 235 | 235 | 232 | 235 | 238 | 242 | 246 | 243 | 238 | 236 | 235 | 234 | 233 | 231 | 230 | 224 | 218 | 210 | 222 | 227 | 231 | 228 | 224 | 232             |     |
| 26 Q                    | 222 | 223 | 222 | 223 | 226 | 229 | 232 | 232 | 230 | 230 | 230 | 230 | 230 | 230 | 229 | 228 | 221 | 224 | 227 | 227 | 229 | 228 | 229 | 231 | 228             |     |
| 27 Q                    | 221 | 220 | 221 | 221 | 222 | 228 | 233 | 234 | 232 | 230 | 228 | 228 | 229 | 229 | 228 | 227 | 227 | 227 | 227 | 226 | 226 | 227 | 228 | 227 | 227             |     |
| 28                      | 229 | 227 | 222 | 225 | 227 | 231 | 233 | 235 | 233 | 232 | 231 | 231 | 230 | 229 | 229 | 228 | 228 | 228 | 228 | 228 | 228 | 227 | 226 | 227 | 229             |     |
| 29                      | 227 | 226 | 223 | 221 | 226 | 233 | 236 | 235 | 231 | 229 | 228 | 227 | 227 | 227 | 226 | 226 | 226 | 226 | 227 | 226 | 228 | 218 | 217 | 222 | 226             |     |
| 30                      | 224 | 229 | 227 | 229 | 232 | 233 | 235 | 235 | 233 | 233 | 232 | 231 | 230 | 230 | 226 | 219 | 214 | 211 | 206 | 201 | 201 | 198 | 199 | 206 | 221             |     |
| 31 D                    | 214 | 216 | 218 | 222 | 227 | 234 | 244 | 255 | 299 | 299 | 299 | 299 | 299 | 299 | 299 | 240 | 227 | 226 | 215 | 214 | 206 | 201 | 187 | 187 | 212             | 219 |
| СРЕДНЕЕ<br>ПО ВСЕМ ДНЯМ | 228 | 223 | 228 | 229 | 231 | 234 | 236 | 238 | 237 | 236 | 236 | 236 | 235 | 232 | 229 | 227 | 223 | 223 | 223 | 224 | 224 | 225 | 227 | 228 | 230             |     |
| Q-СРЕДНЕЕ               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |     |
| СПОК. ДНЯМ<br>СРЕДНЕЕ   | 226 | 227 | 227 | 227 | 228 | 230 | 233 | 234 | 232 | 231 | 230 | 230 | 230 | 230 | 230 | 228 | 225 | 226 | 227 | 228 | 227 | 227 | 230 | 230 | 227             |     |
| ВОЗМ. ДНЯМ<br>СРЕДНЕЕ   | 226 | 228 | 229 | 230 | 234 | 239 | 246 | 250 | 250 | 252 | 254 | 251 | 248 | 239 | 227 | 224 | 217 | 216 | 213 | 215 | 213 | 216 | 224 | 230 | 232             |     |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАРТ 2000 года  
MARCH 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1 D           | 166 | 161 | 164 | 168 | 173 | 178 | 191 | 191 | 196 | 202 | 196 | 191 | 182 | 161 | 141 | 139 | 140 | 153 | 166 | 167 | 172 | 173 | 168 | 161 | 171             |
| 2             | 158 | 152 | 157 | 167 | 177 | 184 | 186 | 187 | 185 | 183 | 182 | 182 | 180 | 181 | 178 | 178 | 179 | 180 | 179 | 179 | 181 | 184 | 181 | 170 | 177             |
| 3             | 164 | 161 | 160 | 167 | 174 | 177 | 179 | 180 | 178 | 178 | 179 | 179 | 178 | 179 | 175 | 174 | 177 | 179 | 179 | 177 | 174 | 174 | 175 | 169 | 174             |
| 4 Q           | 167 | 167 | 167 | 168 | 172 | 174 | 177 | 180 | 180 | 180 | 179 | 179 | 179 | 179 | 180 | 173 | 163 | 170 | 175 | 176 | 177 | 176 | 178 | 175 | 175             |
| 5             | 166 | 157 | 156 | 160 | 167 | 171 | 175 | 178 | 178 | 178 | 178 | 178 | 180 | 179 | 179 | 177 | 173 | 169 | 169 | 169 | 171 | 174 | 171 | 169 | 172             |
| 6             | 159 | 156 | 159 | 164 | 168 | 175 | 181 | 182 | 185 | 182 | 183 | 183 | 180 | 175 | 180 | 179 | 173 | 163 | 159 | 157 | 153 | 159 | 164 | 166 | 170             |
| 7 D           | 158 | 162 | 165 | 165 | 169 | 182 | 193 | 195 | 195 | 191 | 188 | 193 | 189 | 182 | 161 | 162 | 168 | 173 | 175 | 171 | 159 | 154 | 155 | 159 | 174             |
| 8 D           | 158 | 160 | 166 | 169 | 175 | 181 | 185 | 189 | 191 | 192 | 196 | 192 | 190 | 185 | 179 | 171 | 158 | 134 | 110 | 130 | 137 | 148 | 162 | 167 | 168             |
| 9             | 163 | 161 | 164 | 169 | 177 | 182 | 183 | 182 | 182 | 181 | 180 | 181 | 180 | 178 | 176 | 176 | 176 | 175 | 175 | 177 | 177 | 177 | 174 | 170 | 176             |
| 10            | 166 | 163 | 163 | 168 | 176 | 179 | 182 | 185 | 185 | 183 | 186 | 187 | 180 | 176 | 172 | 168 | 168 | 156 | 153 | 148 | 151 | 161 | 158 | 156 | 170             |
| 11            | 163 | 163 | 164 | 170 | 176 | 180 | 188 | 195 | 197 | 196 | 197 | 195 | 195 | 186 | 170 | 179 | 173 | 163 | 164 | 172 | 174 | 171 | 172 | 169 | 178             |
| 12 D          | 166 | 167 | 174 | 177 | 188 | 189 | 199 | 199 | 206 | 203 | 200 | 192 | 190 | 191 | 186 | 184 | 181 | 178 | 177 | 178 | 180 | 179 | 175 | 173 | 185             |
| 13            | 175 | 171 | 166 | 167 | 176 | 180 | 183 | 187 | 186 | 184 | 183 | 183 | 182 | 181 | 181 | 180 | 180 | 179 | 179 | 179 | 177 | 179 | 174 | 167 | 178             |
| 14            | 164 | 164 | 162 | 166 | 174 | 182 | 185 | 186 | 188 | 185 | 185 | 177 | 181 | 181 | 179 | 177 | 172 | 170 | 176 | 178 | 178 | 177 | 174 | 168 | 176             |
| 15 Q          | 163 | 163 | 161 | 163 | 171 | 179 | 183 | 186 | 185 | 183 | 182 | 182 | 182 | 181 | 181 | 180 | 179 | 179 | 177 | 177 | 181 | 180 | 178 | 174 | 177             |
| 16 Q          | 166 | 163 | 163 | 166 | 171 | 177 | 181 | 184 | 182 | 181 | 180 | 180 | 180 | 180 | 181 | 182 | 181 | 180 | 180 | 181 | 183 | 181 | 176 | 171 | 177             |
| 17            | 169 | 165 | 163 | 163 | 172 | 179 | 182 | 183 | 181 | 179 | 177 | 180 | 180 | 180 | 178 | 178 | 178 | 178 | 178 | 180 | 181 | 178 | 172 | 165 | 176             |
| 18            | 160 | 161 | 163 | 165 | 169 | 175 | 179 | 181 | 180 | 180 | 180 | 179 | 179 | 178 | 178 | 178 | 175 | 175 | 177 | 176 | 178 | 173 | 169 | 162 | 174             |
| 19            | 155 | 157 | 160 | 167 | 173 | 179 | 183 | 187 | 191 | 193 | 191 | 192 | 191 | 188 | 181 | 179 | 179 | 180 | 182 | 179 | 178 | 176 | 172 | 167 | 178             |
| 20            | 161 | 160 | 159 | 164 | 172 | 177 | 182 | 182 | 181 | 181 | 182 | 182 | 183 | 185 | 183 | 181 | 179 | 179 | 178 | 178 | 179 | 179 | 171 | 166 | 176             |
| 21            | 162 | 162 | 164 | 168 | 176 | 177 | 179 | 181 | 181 | 181 | 180 | 181 | 181 | 181 | 180 | 179 | 178 | 179 | 179 | 179 | 180 | 176 | 168 | 161 | 176             |
| 22            | 152 | 147 | 150 | 157 | 164 | 176 | 183 | 190 | 182 | 185 | 187 | 190 | 187 | 185 | 184 | 181 | 174 | 176 | 177 | 171 | 171 | 177 | 180 | 177 | 175             |
| 23            | 169 | 164 | 159 | 162 | 168 | 173 | 182 | 182 | 183 | 183 | 185 | 185 | 181 | 172 | 162 | 160 | 149 | 159 | 167 | 172 | 175 | 177 | 171 | 167 | 171             |
| 24            | 163 | 156 | 151 | 156 | 169 | 178 | 185 | 189 | 187 | 181 | 181 | 182 | 179 | 164 | 159 | 160 | 160 | 160 | 167 | 173 | 177 | 179 | 174 | 168 | 171             |
| 25            | 164 | 161 | 163 | 163 | 173 | 180 | 190 | 190 | 190 | 185 | 183 | 180 | 180 | 180 | 179 | 178 | 175 | 171 | 159 | 169 | 175 | 177 | 170 | 162 | 175             |
| 26 Q          | 155 | 153 | 151 | 157 | 164 | 173 | 178 | 181 | 180 | 180 | 180 | 180 | 180 | 180 | 179 | 182 | 172 | 172 | 176 | 177 | 179 | 178 | 174 | 171 | 173             |
| 27 Q          | 152 | 148 | 151 | 153 | 158 | 172 | 181 | 185 | 182 | 180 | 179 | 179 | 179 | 179 | 179 | 177 | 178 | 179 | 178 | 177 | 177 | 177 | 173 | 165 | 172             |
| 28            | 158 | 153 | 152 | 161 | 169 | 178 | 182 | 185 | 183 | 183 | 180 | 180 | 180 | 179 | 179 | 178 | 178 | 179 | 179 | 180 | 180 | 178 | 174 | 169 | 175             |
| 29            | 160 | 154 | 151 | 154 | 165 | 178 | 185 | 185 | 181 | 180 | 178 | 179 | 180 | 180 | 180 | 180 | 179 | 180 | 181 | 183 | 175 | 168 | 153 | 168 | 173             |
| 30            | 159 | 161 | 159 | 167 | 171 | 175 | 182 | 185 | 181 | 181 | 181 | 180 | 181 | 180 | 182 | 175 | 170 | 163 | 157 | 147 | 154 | 153 | 149 | 147 | 168             |
| 31 D          | 148 | 146 | 148 | 156 | 168 | 181 | 193 | 206 | 210 | 226 | 245 | 238 | 218 | 180 | 162 | 163 | 151 | 146 | 141 | 139 | 124 | 122 | 132 | 135 | 170             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 162 | 159 | 160 | 164 | 171 | 178 | 184 | 186 | 186 | 186 | 186 | 185 | 183 | 180 | 176 | 174 | 171 | 170 | 170 | 171 | 171 | 171 | 169 | 166 | 174             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 161 | 159 | 159 | 161 | 167 | 175 | 180 | 183 | 182 | 181 | 180 | 180 | 180 | 180 | 180 | 179 | 175 | 176 | 177 | 178 | 179 | 178 | 176 | 171 | 175             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 159 | 159 | 163 | 167 | 175 | 182 | 192 | 196 | 200 | 203 | 205 | 201 | 194 | 180 | 166 | 164 | 160 | 157 | 154 | 157 | 154 | 155 | 158 | 159 | 173             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD.

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

АПРЕЛЬ 2000 года  
APRIL 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGREES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -357 | -380 | -397 | -395 | -414 | -408 | -386 | -363 | -344 | -333 | -324 | -319 | -319 | -297 | -293 | -290 | -290 | -324 | -219 | -260 | -284 | -295 | -275 | -296 | -328            |
| 2             | -360 | -345 | -431 | -441 | -461 | -451 | -420 | -379 | -371 | -340 | -310 | -306 | -288 | -298 | -310 | -317 | -315 | -314 | -317 | -312 | -294 | -238 | -299 | -311 | -343            |
| 3             | -330 | -349 | -376 | -409 | -433 | -429 | -406 | -366 | -333 | -311 | -316 | -340 | -301 | -301 | -287 | -284 | -292 | -301 | -293 | -296 | -288 | -269 | -259 | -285 | -327            |
| 4 D           | -322 | -335 | -384 | -411 | -410 | -426 | -398 | -367 | -344 | -335 | -324 | -320 | -312 | -247 | -244 | -262 | -252 | -208 | -232 | -309 | -349 | -290 | -294 | -319 | -321            |
| 5             | -374 | -411 | -443 | -441 | -441 | -404 | -385 | -359 | -343 | -337 | -332 | -326 | -320 | -319 | -317 | -311 | -310 | -305 | -299 | -294 | -281 | -267 | -256 | -261 | -339            |
| 6 D           | -281 | -305 | -325 | -385 | -416 | -420 | -417 | -415 | -374 | -323 | -326 | -326 | -328 | -315 | -304 | -306 | -317 | -127 | -333 | -400 | 9999 | 9999 | 9999 | 9999 | -337            |
| 7 D           | -551 | -570 | -490 | -508 | -517 | -489 | -468 | -427 | -415 | -395 | -395 | -392 | -384 | -374 | -354 | -344 | -338 | -367 | -374 | -337 | -305 | -292 | -292 | -291 | -403            |
| 8             | -295 | -319 | -360 | -404 | -426 | -428 | -415 | -378 | -334 | -324 | -346 | -343 | -346 | -344 | -353 | -337 | -333 | -328 | -338 | -310 | -304 | -294 | -305 | -306 | -345            |
| 9             | -320 | -342 | -381 | -409 | -404 | -398 | -367 | -347 | -328 | -324 | -311 | -309 | -331 | -343 | -303 | -286 | -254 | -255 | -309 | -295 | -337 | -333 | -328 | -300 | -330            |
| 10            | -386 | -397 | -402 | -422 | -448 | -438 | -420 | -364 | -357 | -315 | -333 | -322 | -327 | -326 | -314 | -307 | -296 | -305 | -317 | -303 | -301 | -351 | -319 | -317 | -349            |
| 11            | -329 | -340 | -368 | -382 | -403 | -405 | -394 | -378 | -320 | -342 | -333 | -326 | -320 | -318 | -317 | -307 | -297 | -297 | -291 | -312 | -288 | -288 | -281 | -294 | 9999            |
| 12            | -309 | -347 | -375 | -405 | -418 | -420 | -394 | -356 | -337 | -325 | -323 | -323 | -320 | -317 | -311 | -306 | -292 | -297 | -287 | -271 | -261 | -264 | -268 | -284 | -325            |
| 13            | -314 | -350 | -377 | -407 | -410 | -401 | -383 | -356 | -323 | -327 | -315 | -309 | -311 | -314 | -315 | -311 | -305 | -299 | -297 | -289 | -281 | -266 | -262 | -270 | -343            |
| 14 Q          | -282 | -301 | -330 | -365 | -389 | -391 | -376 | -353 | -329 | -316 | -301 | -311 | -313 | -310 | -305 | -299 | -301 | -298 | -288 | -278 | -255 | -251 | -253 | -269 | -311            |
| 15            | -287 | -306 | -335 | -369 | -383 | -385 | -371 | -349 | -330 | -325 | -319 | -317 | -310 | -301 | -301 | -291 | -280 | -280 | -277 | -270 | -260 | -255 | -267 | -291 | -311            |
| 16 D          | -305 | -338 | -382 | -410 | -443 | -432 | -428 | -407 | -366 | -407 | -375 | -219 | -268 | -202 | -239 | -298 | -308 | -307 | -300 | -303 | -300 | -301 | -291 | -298 | -330            |
| 17            | -324 | -347 | -384 | -387 | -392 | -392 | -380 | -364 | -291 | -333 | -347 | -334 | -330 | -329 | -324 | -314 | -308 | -302 | -287 | -283 | -273 | -272 | -273 | -311 | -328            |
| 18 Q          | -333 | -349 | -372 | -383 | -391 | -383 | -369 | -349 | -337 | -328 | -321 | -321 | -319 | -315 | -313 | -306 | -296 | -288 | -286 | -287 | -239 | -254 | -275 | -297 | -321            |
| 19            | -329 | -349 | -374 | -427 | -457 | -431 | -388 | -361 | -338 | -319 | -304 | -298 | -306 | -304 | -297 | -297 | -300 | -314 | -289 | -273 | -281 | -287 | -291 | -310 | -330            |
| 20            | -311 | -364 | -374 | -398 | -411 | -404 | -378 | -327 | -343 | -327 | -315 | -294 | -281 | -314 | -320 | -315 | -319 | -302 | -249 | -273 | -265 | -274 | -288 | -313 | -323            |
| 21            | -338 | -351 | -375 | -393 | -395 | -386 | -370 | -351 | -323 | -300 | -306 | -338 | -320 | -314 | -305 | -311 | -304 | -301 | -275 | -271 | -273 | -281 | -283 | -288 | -323            |
| 22 Q          | -308 | -311 | -330 | -359 | -375 | -378 | -369 | -358 | -337 | -327 | -298 | -287 | -308 | -309 | -310 | -308 | -301 | -299 | -292 | -292 | -279 | -273 | -282 | -289 | -316            |
| 23            | -310 | -328 | -353 | -371 | -384 | -382 | -371 | -346 | -323 | -310 | -310 | -310 | -306 | -310 | -306 | -306 | -300 | -300 | -287 | -268 | -260 | -264 | -265 | -273 | -314            |
| 24 D          | -284 | -297 | -328 | -360 | -387 | -406 | -402 | -392 | -345 | -327 | -297 | -279 | -269 | -328 | -323 | -333 | -335 | -339 | -335 | -324 | -307 | -310 | -309 | -342 | -332            |
| 25 Q          | -345 | -349 | -370 | -391 | -403 | -399 | -380 | -356 | -336 | -323 | -314 | -293 | -312 | -312 | -322 | -313 | -311 | -308 | -296 | -284 | -273 | -265 | -267 | -279 | -325            |
| 26 Q          | -300 | -308 | -334 | -360 | -375 | -378 | -369 | -351 | -334 | -318 | -306 | -299 | -309 | -309 | -305 | -302 | -299 | -297 | -291 | -282 | -273 | -265 | -269 | -275 | -313            |
| 27            | -280 | -314 | -351 | -380 | -381 | -377 | -365 | -345 | -327 | -304 | -320 | -296 | -301 | -314 | -302 | -269 | -267 | -265 | -274 | -250 | -242 | -229 | -222 | -282 | -302            |
| 28            | -358 | -399 | -373 | -401 | -417 | -411 | -383 | -358 | -318 | -282 | -306 | -319 | -320 | -326 | -301 | -283 | -281 | -274 | -254 | -247 | -249 | -269 | -280 | -311 | -322            |
| 29            | -329 | -347 | -366 | -395 | -392 | -380 | -355 | -343 | -329 | -319 | -318 | -310 | -305 | -300 | -314 | -305 | -307 | -324 | -323 | -323 | -242 | -236 | -252 | -331 | -334            |
| 30            | -346 | -343 | -367 | -413 | -407 | -395 | -379 | -348 | -325 | -313 | -312 | -311 | -304 | -306 | -304 | -273 | -268 | -267 | -252 | -269 | -247 | -250 | -263 | -288 | -318            |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -330 | -350 | -374 | -399 | -413 | -408 | -390 | -364 | -338 | -327 | -322 | -313 | -313 | -311 | -307 | -303 | -299 | -293 | -292 | -292 | -279 | -275 | -278 | -296 | -328            |
| Q -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -314 | -324 | -347 | -372 | -387 | -386 | -373 | -353 | -335 | -322 | -308 | -302 | -312 | -311 | -311 | -306 | -302 | -298 | -291 | -285 | -264 | -262 | -269 | -282 | -317            |
| D -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -349 | -369 | -382 | -415 | -435 | -435 | -423 | -402 | -369 | -357 | -343 | -307 | -312 | -293 | -293 | -309 | -310 | -270 | -315 | -335 | -315 | -298 | -297 | -313 | -344            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

АПРЕЛЬ 2000 года  
APRIL 2000 year

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ Н В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

|               |  | 1    | 2    | 3   | 4   | 5   | 6  | 7   | 8   | 9   | 10  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20 | 21               | 22 | 23 | 24  | СРЕДНЕЕ<br>MEAN |    |
|---------------|--|------|------|-----|-----|-----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-----|----|------------------|----|----|-----|-----------------|----|
| ЧАСЫ<br>ДНИ   |  | 7    | 12   | 12  | 28  | 51  | 60 | 74  | 90  | 88  | 89  | 96 | 94 | 85 | 89 | 76 | 80 | 79 | 97 | 69  | 37 | 47               | 52 | 37 | 18  | 61              |    |
| 1             |  | 14   | 7    | 4   | 15  | 26  | 51 | 60  | 66  | 66  | 59  | 66 | 74 | 58 | 56 | 59 | 59 | 59 | 59 | 56  | 55 | 55               | 53 | 43 | 37  | 48              |    |
| 2             |  | 21   | 4    | 6   | 19  | 30  | 39 | 60  | 74  | 77  | 86  | 75 | 80 | 67 | 72 | 82 | 72 | 68 | 70 | 68  | 73 | 74               | 69 | 50 | 23  | 57              |    |
| 3             |  | 1    | -9   | -13 | 7   | 29  | 52 | 68  | 75  | 78  | 78  | 80 | 81 | 87 | 72 | 52 | 54 | 52 | 42 | 26  | 54 | 44               | 45 | 32 | 12  | 46              |    |
| 4 D           |  | -2   | -3   | 4   | 15  | 34  | 44 | 67  | 74  | 76  | 76  | 74 | 74 | 74 | 76 | 78 | 76 | 78 | 76 | 76  | 77 | 74               | 69 | 57 | 39  | 58              |    |
| 5             |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| 6 D           |  | 22   | 14   | 18  | 23  | 41  | 66 | 80  | 92  | 78  | 82  | 78 | 83 | 76 | 76 | 66 | 66 | 82 | 92 | -47 | 37 | 8999999999999999 |    |    |     |                 | 58 |
| 7 D           |  | -160 | -117 | -95 | -29 | -46 | 12 | 10  | -10 | 18  | -2  | 7  | 9  | 11 | 12 | 23 | 21 | 43 | 9  | 19  | 16 | 3                | -6 | -8 | -15 | -10             |    |
| 8             |  | -14  | -25  | -33 | -25 | -5  | 29 | 43  | 49  | 59  | 58  | 51 | 57 | 54 | 45 | 46 | 49 | 51 | 46 | 43  | 49 | 47               | 39 | 33 | 16  | 32              |    |
| 9             |  | 19   | 6    | 6   | 22  | 46  | 43 | 70  | 79  | 76  | 67  | 72 | 70 | 75 | 63 | 61 | 47 | 41 | 37 | 39  | 41 | 41               | 59 | 36 | 6   | 47              |    |
| 10            |  | -13  | -23  | -13 | 6   | 14  | 25 | 60  | 64  | 68  | 72  | 69 | 58 | 57 | 58 | 55 | 51 | 47 | 45 | 51  | 51 | 54               | 47 | 60 | 53  | 42              |    |
|               |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| 11            |  | 33   | 22   | 21  | 37  | 46  | 60 | 75  | 84  | 79  | 76  | 74 | 78 | 73 | 68 | 61 | 61 | 51 | 52 | 51  | 56 | 52               | 56 | 50 | 37  | 56              |    |
| 12            |  | 20   | 12   | 18  | 30  | 45  | 63 | 76  | 82  | 83  | 82  | 80 | 81 | 80 | 80 | 80 | 79 | 70 | 73 | 76  | 78 | 76               | 68 | 51 | 31  | 63              |    |
| 13            |  | 12   | 9    | 14  | 31  | 39  | 56 | 71  | 72  | 69  | 74  | 76 | 81 | 81 | 80 | 78 | 78 | 75 | 76 | 78  | 77 | 78               | 73 | 61 | 45  | 62              |    |
| 14 Q          |  | 24   | 16   | 17  | 30  | 48  | 70 | 80  | 86  | 91  | 88  | 83 | 88 | 88 | 87 | 88 | 88 | 86 | 84 | 82  | 80 | 80               | 76 | 65 | 49  | 70              |    |
| 15            |  | 30   | 23   | 27  | 41  | 61  | 80 | 89  | 92  | 90  | 93  | 93 | 95 | 92 | 91 | 92 | 90 | 87 | 84 | 86  | 82 | 72               | 61 | 47 | 45  | 73              |    |
|               |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| 16 D          |  | 31   | 22   | 22  | 31  | 47  | 43 | 65  | 89  | 99  | 105 | 47 | 17 | 60 | 38 | 33 | 60 | 66 | 68 | 66  | 68 | 65               | 63 | 57 | 45  | 54              |    |
| 17            |  | 37   | 37   | 34  | 50  | 69  | 68 | 86  | 89  | 57  | 70  | 69 | 76 | 76 | 76 | 77 | 76 | 73 | 72 | 66  | 66 | 59               | 48 | 31 | 20  | 62              |    |
| 18 Q          |  | 20   | 28   | 35  | 41  | 46  | 63 | 76  | 84  | 80  | 84  | 86 | 87 | 89 | 98 | 87 | 86 | 84 | 87 | 90  | 90 | 82               | 67 | 55 | 49  | 70              |    |
| 19            |  | 41   | 35   | 38  | 41  | 64  | 80 | 80  | 86  | 80  | 84  | 85 | 86 | 84 | 89 | 80 | 91 | 91 | 90 | 83  | 78 | 74               | 69 | 59 | 47  | 72              |    |
| 20            |  | 30   | 28   | 41  | 43  | 56  | 70 | 76  | 77  | 80  | 83  | 84 | 74 | 67 | 80 | 82 | 82 | 74 | 79 | 70  | 70 | 62               | 49 | 41 | 35  | 64              |    |
|               |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| 21            |  | 25   | 22   | 25  | 35  | 57  | 74 | 84  | 88  | 88  | 92  | 80 | 70 | 84 | 91 | 84 | 90 | 88 | 82 | 74  | 71 | 70               | 70 | 64 | 57  | 69              |    |
| 22 Q          |  | 51   | 47   | 45  | 47  | 62  | 74 | 82  | 82  | 82  | 82  | 80 | 86 | 89 | 87 | 87 | 88 | 84 | 88 | 87  | 81 | 76               | 72 | 72 | 64  | 75              |    |
| 23            |  | 56   | 45   | 43  | 50  | 64  | 80 | 92  | 100 | 84  | 80  | 84 | 87 | 88 | 86 | 87 | 86 | 86 | 88 | 85  | 84 | 82               | 85 | 76 | 64  | 78              |    |
| 24 D          |  | 49   | 39   | 39  | 48  | 75  | 94 | 82  | 93  | 74  | 80  | 78 | 57 | 46 | 12 | 35 | 54 | 56 | 51 | 49  | 51 | 49               | 46 | 35 | 33  | 55              |    |
| 25 Q          |  | 21   | 18   | 26  | 35  | 49  | 61 | 68  | 70  | 76  | 74  | 72 | 74 | 78 | 74 | 72 | 72 | 69 | 68 | 62  | 57 | 56               | 55 | 48 | 37  | 50              |    |
|               |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| 26 Q          |  | 27   | 22   | 25  | 37  | 55  | 72 | 86  | 93  | 94  | 82  | 80 | 78 | 84 | 94 | 84 | 84 | 84 | 86 | 84  | 83 | 78               | 70 | 55 | 37  | 69              |    |
| 27            |  | 25   | 41   | 47  | 55  | 78  | 95 | 102 | 94  | 103 | 107 | 93 | 74 | 76 | 73 | 63 | 50 | 53 | 67 | 74  | 79 | 68               | 54 | 29 | 25  | 68              |    |
| 28            |  | 22   | 40   | 52  | 51  | 55  | 68 | 78  | 92  | 82  | 77  | 67 | 72 | 76 | 76 | 90 | 81 | 59 | 63 | 54  | 48 | 47               | 48 | 45 | 35  | 62              |    |
| 29            |  | 30   | 31   | 41  | 49  | 66  | 90 | 86  | 101 | 86  | 90  | 86 | 91 | 80 | 76 | 80 | 70 | 78 | 72 | 64  | 60 | 55               | 44 | 24 | 34  | 66              |    |
| 30            |  | 41   | 40   | 35  | 39  | 58  | 74 | 78  | 90  | 86  | 86  | 85 | 85 | 89 | 84 | 86 | 82 | 63 | 68 | 57  | 58 | 59               | 57 | 49 | 37  | 66              |    |
| СРЕДНЕЕ       |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| ПО ВСЕМ ДНЯМ  |  | 17   | 15   | 18  | 30  | 45  | 62 | 73  | 80  | 78  | 78  | 75 | 74 | 74 | 71 | 71 | 71 | 69 | 69 | 61  | 64 | 62               | 57 | 47 | 35  | 58              |    |
| Q -СРЕДНЕЕ    |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| ПО СПОК. ДНЯМ |  | 29   | 26   | 30  | 38  | 52  | 68 | 78  | 83  | 85  | 82  | 80 | 83 | 86 | 84 | 84 | 84 | 81 | 83 | 81  | 78 | 74               | 68 | 59 | 47  | 68              |    |
| D -СРЕДНЕЕ    |  |      |      |     |     |     |    |     |     |     |     |    |    |    |    |    |    |    |    |     |    |                  |    |    |     |                 |    |
| ПО ВОЗМ. ДНЯМ |  | -11  | -10  | -6  | 16  | 29  | 53 | 61  | 68  | 69  | 69  | 50 | 49 | 56 | 42 | 42 | 51 | 60 | 52 | 23  | 45 | 50               | 37 | 29 | 19  | 40              |    |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

АПРЕЛЬ 2000 года  
APRIL 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 215 | 219 | 226 | 226 | 229 | 232 | 235 | 237 | 235 | 234 | 233 | 232 | 234 | 230 | 229 | 232 | 230 | 184 | 169 | 190 | 212 | 223 | 227 | 230 | 223             |
| 2             | 229 | 227 | 218 | 239 | 243 | 250 | 260 | 270 | 265 | 257 | 250 | 243 | 242 | 240 | 238 | 237 | 235 | 234 | 231 | 226 | 227 | 224 | 222 | 223 | 239             |
| 3             | 222 | 222 | 227 | 235 | 238 | 244 | 250 | 251 | 247 | 244 | 242 | 235 | 237 | 236 | 221 | 220 | 226 | 230 | 232 | 233 | 231 | 230 | 227 | 224 | 234             |
| 4 D           | 223 | 221 | 220 | 236 | 235 | 236 | 242 | 241 | 239 | 237 | 237 | 235 | 235 | 231 | 222 | 213 | 200 | 192 | 183 | 202 | 192 | 191 | 208 | 218 | 220             |
| 5             | 230 | 235 | 238 | 242 | 244 | 250 | 248 | 245 | 241 | 239 | 237 | 236 | 236 | 236 | 236 | 232 | 233 | 232 | 232 | 233 | 234 | 234 | 235 | 237 | 237             |
| 6 D           | 238 | 237 | 230 | 229 | 232 | 239 | 246 | 253 | 259 | 256 | 250 | 244 | 242 | 241 | 240 | 237 | 231 | 146 | 13  | -91 | -95 | -90 | -30 | 60  | 225             |
| 7 D           | 186 | 267 | 290 | 286 | 288 | 306 | 309 | 297 | 293 | 275 | 269 | 266 | 266 | 267 | 267 | 260 | 235 | 237 | 223 | 226 | 235 | 241 | 243 | 242 | 256             |
| 8             | 246 | 249 | 248 | 250 | 259 | 270 | 276 | 283 | 283 | 277 | 267 | 261 | 260 | 257 | 254 | 251 | 250 | 246 | 238 | 237 | 237 | 237 | 234 | 230 | 254             |
| 9             | 231 | 234 | 239 | 242 | 246 | 250 | 251 | 253 | 253 | 250 | 249 | 250 | 240 | 242 | 232 | 232 | 250 | 217 | 205 | 215 | 217 | 204 | 207 | 215 | 234             |
| 10            | 226 | 234 | 239 | 251 | 263 | 268 | 270 | 276 | 281 | 272 | 263 | 260 | 257 | 253 | 247 | 238 | 229 | 219 | 224 | 232 | 239 | 231 | 224 | 229 | 247             |
| 11            | 234 | 236 | 240 | 240 | 244 | 249 | 248 | 256 | 263 | 261 | 256 | 256 | 254 | 250 | 248 | 245 | 242 | 242 | 243 | 242 | 242 | 241 | 237 | 235 | 9999            |
| 12            | 231 | 233 | 236 | 236 | 238 | 241 | 248 | 248 | 248 | 246 | 244 | 242 | 241 | 241 | 240 | 239 | 240 | 241 | 241 | 241 | 239 | 238 | 239 | 241 | 241             |
| 13            | 243 | 244 | 243 | 242 | 244 | 243 | 244 | 249 | 252 | 249 | 245 | 243 | 242 | 241 | 240 | 239 | 230 | 241 | 241 | 240 | 239 | 239 | 239 | 238 | 244             |
| 14 Q          | 236 | 232 | 228 | 228 | 231 | 234 | 237 | 237 | 238 | 238 | 238 | 237 | 220 | 220 | 221 | 236 | 235 | 233 | 235 | 237 | 236 | 234 | 235 | 234 | 233             |
| 15            | 234 | 231 | 230 | 230 | 232 | 236 | 237 | 236 | 235 | 237 | 237 | 236 | 235 | 235 | 234 | 234 | 234 | 234 | 234 | 235 | 231 | 226 | 227 | 224 | 233             |
| 16 D          | 223 | 223 | 223 | 233 | 241 | 246 | 248 | 255 | 271 | 289 | 352 | 325 | 276 | 257 | 248 | 249 | 246 | 245 | 245 | 245 | 245 | 244 | 240 | 240 | 255             |
| 17            | 230 | 237 | 237 | 239 | 241 | 246 | 248 | 255 | 263 | 260 | 250 | 244 | 242 | 241 | 239 | 238 | 234 | 235 | 237 | 240 | 239 | 239 | 237 | 234 | 242             |
| 18 Q          | 231 | 232 | 234 | 231 | 231 | 231 | 234 | 238 | 241 | 239 | 238 | 238 | 237 | 237 | 236 | 236 | 236 | 236 | 236 | 228 | 220 | 222 | 224 | 226 | 233             |
| 19            | 229 | 229 | 225 | 222 | 229 | 232 | 235 | 230 | 238 | 238 | 239 | 239 | 239 | 235 | 235 | 232 | 221 | 229 | 234 | 237 | 235 | 234 | 231 | 230 | 233             |
| 20            | 228 | 231 | 227 | 229 | 236 | 239 | 245 | 254 | 251 | 246 | 245 | 243 | 242 | 239 | 236 | 234 | 231 | 218 | 215 | 225 | 228 | 228 | 229 | 226 | 234             |
| 21            | 226 | 223 | 220 | 224 | 229 | 231 | 233 | 236 | 238 | 241 | 248 | 250 | 244 | 235 | 233 | 234 | 232 | 229 | 230 | 231 | 230 | 228 | 226 | 226 | 232             |
| 22 Q          | 228 | 227 | 224 | 224 | 221 | 223 | 231 | 241 | 244 | 243 | 241 | 239 | 238 | 236 | 234 | 233 | 232 | 232 | 233 | 231 | 226 | 224 | 224 | 226 | 231             |
| 23            | 228 | 230 | 230 | 236 | 221 | 222 | 227 | 233 | 241 | 244 | 241 | 239 | 237 | 235 | 234 | 233 | 233 | 233 | 231 | 228 | 224 | 220 | 220 | 220 | 231             |
| 24 D          | 221 | 221 | 220 | 217 | 217 | 231 | 239 | 255 | 254 | 251 | 251 | 254 | 231 | 200 | 209 | 233 | 234 | 238 | 239 | 240 | 241 | 241 | 236 | 234 | 234             |
| 25 Q          | 236 | 237 | 238 | 238 | 236 | 239 | 242 | 245 | 245 | 243 | 244 | 243 | 242 | 241 | 241 | 240 | 241 | 241 | 240 | 236 | 232 | 229 | 231 | 231 | 239             |
| 26 Q          | 230 | 238 | 225 | 225 | 231 | 233 | 235 | 238 | 238 | 238 | 238 | 239 | 239 | 238 | 237 | 236 | 236 | 237 | 237 | 236 | 233 | 230 | 228 | 227 | 234             |
| 27            | 222 | 219 | 213 | 214 | 218 | 223 | 225 | 223 | 233 | 239 | 245 | 250 | 250 | 240 | 238 | 235 | 234 | 238 | 241 | 238 | 235 | 232 | 229 | 230 | 232             |
| 28            | 229 | 229 | 221 | 221 | 230 | 237 | 241 | 247 | 252 | 262 | 259 | 250 | 246 | 242 | 236 | 223 | 224 | 231 | 224 | 224 | 222 | 221 | 221 | 223 | 234             |
| 29            | 224 | 222 | 218 | 220 | 220 | 226 | 231 | 237 | 236 | 236 | 233 | 235 | 237 | 236 | 236 | 234 | 234 | 230 | 217 | 213 | 216 | 219 | 216 | 219 | 228             |
| 30            | 222 | 220 | 217 | 224 | 235 | 237 | 237 | 237 | 237 | 237 | 236 | 236 | 237 | 233 | 237 | 228 | 225 | 229 | 223 | 225 | 226 | 229 | 230 | 225 | 231             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 228 | 231 | 231 | 233 | 237 | 241 | 245 | 249 | 250 | 249 | 249 | 247 | 243 | 239 | 237 | 235 | 233 | 228 | 221 | 219 | 210 | 218 | 220 | 223 | 234             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 232 | 231 | 230 | 229 | 230 | 232 | 236 | 240 | 241 | 241 | 240 | 239 | 235 | 234 | 234 | 236 | 236 | 236 | 236 | 234 | 229 | 228 | 228 | 229 | 234             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 218 | 234 | 237 | 240 | 243 | 252 | 257 | 260 | 263 | 262 | 272 | 265 | 250 | 239 | 237 | 238 | 229 | 212 | 181 | 164 | 164 | 165 | 179 | 199 | 228             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

АПРЕЛЬ 2000 года  
APRIL 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----------------|
| 1             | 140 | 146 | 152 | 158 | 168 | 173 | 181 | 190 | 187 | 185 | 188 | 186 | 186 | 183 | 178 | 181 | 179 | 145 | 120 | 129  | 152  | 163  | 163  | 158  | 166             |
| 2             | 156 | 152 | 157 | 166 | 172 | 188 | 200 | 213 | 209 | 197 | 194 | 190 | 183 | 181 | 180 | 178 | 178 | 176 | 172 | 166  | 169  | 165  | 160  | 158  | 178             |
| 3             | 152 | 146 | 152 | 163 | 169 | 178 | 191 | 197 | 195 | 195 | 189 | 183 | 182 | 182 | 173 | 167 | 172 | 177 | 177 | 180  | 179  | 176  | 167  | 154  | 175             |
| 4 D           | 146 | 140 | 139 | 159 | 167 | 175 | 186 | 187 | 187 | 185 | 186 | 185 | 187 | 177 | 164 | 156 | 142 | 131 | 119 | 144  | 132  | 132  | 142  | 144  | 159             |
| 5             | 152 | 155 | 161 | 168 | 175 | 185 | 191 | 191 | 188 | 186 | 184 | 183 | 184 | 185 | 183 | 181 | 181 | 181 | 180 | 182  | 182  | 180  | 177  | 172  | 179             |
| 6 D           | 167 | 164 | 159 | 159 | 168 | 182 | 194 | 206 | 206 | 206 | 197 | 194 | 190 | 189 | 183 | 181 | 182 | 114 | -64 | -200 | -257 | -273 | -233 | -135 | 180             |
| 7 D           | 108 | 155 | 184 | 199 | 195 | 231 | 231 | 218 | 225 | 198 | 196 | 194 | 191 | 193 | 196 | 188 | 169 | 161 | 152 | 154  | 158  | 160  | 162  | 158  | 182             |
| 8             | 163 | 162 | 157 | 163 | 178 | 200 | 209 | 218 | 223 | 214 | 202 | 200 | 199 | 193 | 191 | 189 | 188 | 183 | 174 | 176  | 175  | 173  | 167  | 158  | 186             |
| 9             | 160 | 158 | 163 | 171 | 183 | 192 | 197 | 201 | 200 | 194 | 195 | 196 | 196 | 185 | 175 | 170 | 165 | 153 | 142 | 152  | 154  | 149  | 143  | 140  | 172             |
| 10            | 144 | 149 | 156 | 175 | 188 | 198 | 211 | 221 | 223 | 218 | 208 | 201 | 197 | 194 | 187 | 178 | 168 | 158 | 164 | 173  | 179  | 170  | 167  | 170  | 183             |
| 11            | 168 | 165 | 169 | 175 | 181 | 191 | 195 | 206 | 211 | 208 | 202 | 200 | 197 | 193 | 188 | 185 | 180 | 180 | 181 | 181  | 180  | 181  | 175  | 169  | 9999            |
| 12            | 160 | 159 | 164 | 168 | 175 | 184 | 195 | 197 | 197 | 196 | 192 | 191 | 190 | 190 | 189 | 187 | 187 | 190 | 190 | 188  | 184  | 179  | 173  | 173  | 184             |
| 13            | 168 | 168 | 169 | 174 | 179 | 183 | 189 | 195 | 197 | 196 | 193 | 192 | 191 | 191 | 189 | 188 | 187 | 186 | 187 | 186  | 186  | 184  | 181  | 176  | 185             |
| 14 Q          | 167 | 160 | 156 | 160 | 170 | 180 | 186 | 189 | 191 | 190 | 188 | 190 | 189 | 188 | 189 | 188 | 187 | 185 | 186 | 186  | 186  | 183  | 179  | 174  | 181             |
| 15            | 167 | 162 | 161 | 166 | 175 | 185 | 190 | 190 | 188 | 190 | 190 | 190 | 189 | 188 | 188 | 187 | 186 | 186 | 187 | 185  | 179  | 170  | 166  | 163  | 180             |
| 16 D          | 156 | 154 | 154 | 165 | 180 | 181 | 191 | 206 | 226 | 243 | 288 | 240 | 216 | 191 | 181 | 190 | 190 | 190 | 188 | 191  | 188  | 187  | 182  | 178  | 194             |
| 17            | 173 | 171 | 170 | 177 | 187 | 190 | 198 | 207 | 205 | 206 | 195 | 192 | 190 | 189 | 188 | 186 | 182 | 182 | 182 | 185  | 181  | 178  | 170  | 164  | 185             |
| 18 Q          | 160 | 164 | 168 | 167 | 169 | 175 | 182 | 189 | 191 | 190 | 189 | 189 | 190 | 189 | 188 | 187 | 186 | 188 | 189 | 181  | 171  | 168  | 166  | 166  | 179             |
| 19            | 166 | 164 | 161 | 158 | 173 | 180 | 184 | 189 | 187 | 188 | 190 | 190 | 190 | 187 | 185 | 186 | 174 | 181 | 185 | 185  | 183  | 179  | 173  | 167  | 179             |
| 20            | 160 | 161 | 162 | 165 | 176 | 184 | 191 | 201 | 199 | 197 | 195 | 190 | 186 | 187 | 185 | 183 | 177 | 167 | 162 | 170  | 171  | 167  | 164  | 160  | 178             |
| 21            | 155 | 152 | 150 | 157 | 169 | 176 | 183 | 187 | 189 | 194 | 195 | 194 | 194 | 187 | 183 | 186 | 184 | 178 | 176 | 176  | 175  | 173  | 170  | 167  | 177             |
| 22 Q          | 166 | 164 | 161 | 162 | 164 | 170 | 179 | 190 | 192 | 192 | 189 | 190 | 189 | 187 | 185 | 184 | 182 | 184 | 184 | 180  | 173  | 170  | 170  | 169  | 178             |
| 23            | 169 | 166 | 165 | 164 | 164 | 171 | 180 | 189 | 190 | 191 | 191 | 190 | 188 | 186 | 185 | 184 | 183 | 184 | 181 | 178  | 174  | 172  | 169  | 164  | 178             |
| 24 D          | 160 | 157 | 155 | 156 | 164 | 183 | 188 | 206 | 198 | 198 | 198 | 194 | 167 | 127 | 143 | 172 | 175 | 176 | 177 | 178  | 178  | 177  | 169  | 166  | 173             |
| 25 Q          | 163 | 164 | 167 | 170 | 175 | 181 | 187 | 190 | 193 | 192 | 190 | 190 | 190 | 188 | 187 | 187 | 186 | 186 | 183 | 177  | 174  | 171  | 169  | 167  | 180             |
| 26 Q          | 162 | 157 | 155 | 160 | 172 | 179 | 187 | 191 | 192 | 189 | 187 | 187 | 189 | 189 | 188 | 188 | 187 | 188 | 188 | 186  | 183  | 177  | 170  | 162  | 180             |
| 27            | 153 | 150 | 152 | 156 | 169 | 179 | 182 | 183 | 191 | 198 | 199 | 197 | 198 | 196 | 182 | 175 | 175 | 183 | 189 | 188  | 180  | 174  | 162  | 161  | 178             |
| 28            | 159 | 164 | 162 | 161 | 170 | 182 | 190 | 200 | 203 | 210 | 203 | 197 | 193 | 190 | 189 | 173 | 167 | 175 | 166 | 163  | 162  | 160  | 160  | 157  | 177             |
| 29            | 156 | 156 | 153 | 159 | 164 | 179 | 181 | 191 | 185 | 187 | 183 | 187 | 185 | 183 | 183 | 179 | 181 | 175 | 162 | 155  | 156  | 171  | 164  | 167  | 173             |
| 30            | 156 | 157 | 151 | 159 | 176 | 185 | 185 | 189 | 188 | 189 | 188 | 187 | 189 | 189 | 189 | 180 | 170 | 175 | 166 | 168  | 170  | 171  | 169  | 159  | 176             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | 158 | 158 | 160 | 165 | 174 | 184 | 191 | 198 | 199 | 197 | 196 | 193 | 190 | 186 | 183 | 182 | 178 | 174 | 165 | 162  | 159  | 156  | 154  | 154  | 176             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | 164 | 162 | 161 | 164 | 170 | 177 | 184 | 190 | 192 | 191 | 189 | 189 | 189 | 188 | 187 | 187 | 186 | 186 | 186 | 182  | 177  | 174  | 171  | 168  | 180             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | 147 | 154 | 158 | 168 | 175 | 190 | 198 | 205 | 208 | 206 | 213 | 201 | 190 | 175 | 173 | 177 | 172 | 154 | 114 | 93   | 80   | 77   | 84   | 102  | 159             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАЙ 2000 года  
MAY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGREES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1                | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -306             | -339 | -361 | -397 | -402 | -393 | -387 | -339 | -313 | -313 | -311 | -302 | -290 | -318 | -313 | -296 | -291 | -242 | -258 | -269 | -263 | -275 | -267 | -294 | -314            |
| 2             | -326             | -387 | -400 | -406 | -389 | -368 | -353 | -336 | -305 | -289 | -295 | -285 | -326 | -313 | -276 | -295 | -302 | -292 | -246 | -223 | -279 | -300 | -342 | -380 | 9999            |
| 3             | -355             | -368 | -378 | -392 | -388 | -387 | -364 | -341 | -335 | -321 | -319 | -323 | -314 | -307 | -291 | -290 | -241 | -270 | -285 | -247 | -290 | -273 | -323 | -347 | -322            |
| 4             | -327             | -345 | -364 | -368 | -370 | -369 | -358 | -337 | -315 | -319 | -295 | -305 | -321 | -292 | -278 | -280 | -288 | -270 | -264 | -264 | -268 | -266 | -263 | -274 | -308            |
| 5             | -323             | -339 | -360 | -387 | -396 | -398 | -369 | -332 | -321 | -310 | -311 | -311 | -295 | -284 | -288 | -300 | -297 | -287 | -279 | -258 | -246 | -258 | -258 | -264 | -311            |
| 6             | -318             | -391 | -420 | -416 | -433 | -428 | -392 | -362 | -313 | -269 | -295 | -297 | -296 | -278 | -301 | -286 | -287 | -275 | -270 | -245 | -224 | -228 | -246 | -288 | -315            |
| 7 Q           | -348             | -360 | -377 | -387 | -394 | -387 | -368 | -345 | -321 | -308 | -303 | -302 | -302 | -301 | -300 | -295 | -289 | -280 | -264 | -252 | -247 | -246 | -255 | -280 | -313            |
| 8 Q           | -308             | -329 | -340 | -358 | -373 | -374 | -360 | -334 | -315 | -304 | -296 | -298 | -301 | -296 | -293 | -285 | -278 | -267 | -264 | -255 | -249 | -249 | -282 | -285 | -304            |
| 9             | -308             | -333 | -355 | -373 | -386 | -369 | -354 | -341 | -328 | -315 | -291 | -302 | -293 | -293 | -278 | -282 | -280 | -288 | -245 | -226 | -227 | -254 | -305 | -310 | -306            |
| 10            | -355             | -380 | -401 | -410 | -405 | -369 | -352 | -330 | -318 | -304 | -310 | -309 | -308 | -308 | -298 | -290 | -280 | -278 | -259 | -259 | -252 | -243 | -274 | -298 | -316            |
| 11 Q          | -339             | -357 | -368 | -381 | -381 | -373 | -368 | -357 | -336 | -314 | -309 | -310 | -310 | -312 | -297 | -299 | -289 | -278 | -263 | -253 | -262 | -257 | -263 | -285 | -315            |
| 12            | -301             | -328 | -349 | -392 | -420 | -427 | -411 | -391 | -318 | -297 | -324 | -331 | -333 | -336 | -327 | -325 | -313 | -293 | -285 | -255 | -271 | -275 | -236 | -254 | -325            |
| 13            | -328             | -384 | -360 | -406 | -387 | -378 | -350 | -322 | -306 | -298 | -311 | -304 | -305 | -302 | -301 | -278 | -280 | -278 | -277 | -229 | -223 | -242 | -253 | -274 | -307            |
| 14            | -324             | -341 | -369 | -380 | -375 | -360 | -346 | -320 | -297 | -285 | -291 | -296 | -288 | -298 | -312 | -308 | -296 | -285 | -273 | -290 | -286 | -262 | -276 | -290 | -310            |
| 15            | -309             | -354 | -425 | -391 | -374 | -367 | -353 | -333 | -325 | -270 | -252 | -301 | -318 | -318 | -313 | -313 | -327 | -305 | -268 | -246 | -264 | -272 | -287 | -309 | -316            |
| 16            | -322             | -344 | -362 | -407 | -434 | -409 | -400 | -359 | -336 | -299 | -291 | -309 | -313 | -324 | -322 | -319 | -323 | -297 | -298 | -250 | -226 | -283 | -301 | -336 | -328            |
| 17 D          | -282             | -347 | -381 | -423 | -451 | -470 | -410 | -356 | -327 | -318 | -319 | -319 | -323 | -339 | -336 | -339 | -326 | -309 | -290 | -273 | -259 | -254 | -259 | -299 | -334            |
| 18            | -368             | -381 | -410 | -415 | -414 | -388 | -360 | -331 | -304 | -299 | -296 | -305 | -333 | -336 | -332 | -319 | -301 | -280 | -267 | -248 | -240 | -240 | -254 | -286 | -321            |
| 19            | -336             | -382 | -391 | -402 | -386 | -362 | -336 | -312 | -286 | -263 | -290 | -311 | -311 | -310 | -315 | -314 | -301 | -283 | -258 | -241 | -236 | -227 | -240 | -265 | -307            |
| 20 Q          | -316             | -356 | -385 | -401 | -391 | -377 | -347 | -316 | -300 | -287 | -286 | -296 | -313 | -317 | -319 | -314 | -304 | -295 | -269 | -245 | -239 | -239 | -258 | -277 | -310            |
| 21 Q          | -338             | -377 | -402 | -390 | -386 | -382 | -362 | -337 | -311 | -309 | -309 | -313 | -313 | -310 | -308 | -305 | -288 | -277 | -272 | -249 | -235 | -222 | -250 | -299 | -314            |
| 22            | -350             | -386 | -404 | -401 | -400 | -383 | -352 | -336 | -314 | -296 | -269 | -316 | -303 | -321 | -323 | -325 | -319 | -291 | -272 | -255 | -236 | -254 | -271 | -295 | -320            |
| 23 D          | -319             | -347 | -373 | -386 | -374 | -379 | -355 | -327 | -301 | -291 | -300 | -303 | -302 | -297 | -292 | -287 | -281 | -263 | -222 | -270 | -161 | -199 | -207 | -179 | -292            |
| 24 D          | -397             | -318 | -248 | -489 | -571 | -526 | -451 | -386 | -373 | -388 | -293 | -355 | -361 | -355 | -341 | -344 | -354 | -333 | -287 | -281 | -289 | -280 | -298 | -325 | -360            |
| 25 D          | -359             | -397 | -415 | -403 | -431 | -405 | -398 | -367 | -331 | -332 | -354 | -318 | -337 | -330 | -339 | -311 | -300 | -291 | -323 | -342 | -306 | -297 | -301 | -344 | -347            |
| 26            | -378             | -397 | -430 | -435 | -424 | -408 | -393 | -339 | -328 | -256 | -328 | -322 | -332 | -331 | -321 | -326 | -313 | -255 | -268 | -264 | -260 | -240 | -229 | -247 | -326            |
| 27            | -303             | -341 | -371 | -374 | -385 | -387 | -369 | -340 | -310 | -305 | -314 | -324 | -326 | -322 | -312 | -307 | -303 | -255 | -252 | -247 | -258 | -282 | -263 | -273 | -313            |
| 28            | -291             | -327 | -360 | -414 | -419 | -406 | -383 | -342 | -305 | -305 | -299 | -296 | -274 | -301 | -319 | -319 | -305 | -291 | -271 | -297 | -317 | -254 | -244 | -270 | -317            |
| 29 D          | -339             | -351 | -394 | -425 | -428 | -414 | -408 | -375 | -339 | -327 | -309 | -308 | -311 | -314 | -322 | -293 | -283 | -244 | -180 | -241 | -266 | -246 | -268 | -323 | -321            |
| 30            | 9999999999999999 | 419  | 411  | 406  | 379  | 341  | 283  | 294  | 314  | 285  | 276  | 263  | 314  | 304  | 291  | 315  | 258  | 250  | 259  | 292  | 259  | 285  |      |      | -309            |
| 31            | 9999999999999999 | 389  | 412  | 399  | 383  | 342  | 331  | 362  | 357  | 318  | 317  | 324  | 324  | 318  | 317  | 303  | 289  | 266  | 238  | 238  | 242  | 240  | 265  |      | -317            |
| СРЕДНЕЕ       |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -330             | -358 | -378 | -401 | -406 | -395 | -372 | -342 | -319 | -305 | -303 | -309 | -311 | -311 | -310 | -305 | -298 | -283 | -266 | -257 | -254 | -256 | -267 | -290 | -318            |
| Q -СРЕДНЕЕ    |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -330             | -356 | -374 | -383 | -385 | -379 | -361 | -338 | -317 | -304 | -301 | -304 | -308 | -307 | -303 | -300 | -290 | -279 | -266 | -252 | -246 | -243 | -262 | -285 | -311            |
| D -СРЕДНЕЕ    |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -339             | -352 | -362 | -425 | -451 | -439 | -404 | -362 | -334 | -331 | -315 | -321 | -327 | -327 | -326 | -315 | -309 | -288 | -260 | -281 | -256 | -255 | -267 | -294 | -331            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАЙ 2000 года  
MAY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREES

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ Н В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1              | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----------------|
| 1             | 25             | 25  | 32  | 31  | 56  | 81  | 104 | 92  | 82  | 85  | 88  | 91  | 81  | 79  | 88  | 71  | 65  | 62  | 53  | 44  | 44 | 37 | 26 | 13  | 61              |
| 2             | 20             | 15  | 47  | 69  | 84  | 91  | 105 | 108 | 90  | 96  | 110 | 88  | 76  | 91  | 83  | 64  | 64  | 57  | 42  | 46  | 44 | 35 | 17 | 44  | 66              |
| 3             | 40             | 32  | 42  | 59  | 75  | 91  | 82  | 95  | 91  | 96  | 91  | 91  | 93  | 92  | 98  | 102 | 80  | 62  | 73  | 63  | 54 | 42 | 22 | 32  | 71              |
| 4             | 32             | 30  | 34  | 46  | 61  | 79  | 81  | 93  | 102 | 87  | 94  | 90  | 86  | 85  | 73  | 71  | 72  | 75  | 69  | 67  | 56 | 56 | 50 | 42  | 68              |
| 5             | 30             | 29  | 38  | 54  | 77  | 98  | 106 | 97  | 96  | 102 | 96  | 82  | 83  | 85  | 76  | 74  | 78  | 75  | 72  | 62  | 59 | 60 | 54 | 49  | 72              |
| 6             | 32             | 15  | 36  | 59  | 67  | 75  | 92  | 90  | 87  | 95  | 87  | 91  | 91  | 81  | 79  | 75  | 73  | 77  | 71  | 69  | 70 | 67 | 55 | 38  | 70              |
| 7 Q           | 46             | 55  | 56  | 67  | 79  | 95  | 100 | 102 | 100 | 101 | 96  | 93  | 93  | 93  | 90  | 92  | 91  | 93  | 95  | 94  | 88 | 78 | 71 | 61  | 85              |
| 8 Q           | 51             | 48  | 51  | 63  | 82  | 97  | 110 | 114 | 112 | 107 | 102 | 101 | 99  | 100 | 98  | 94  | 93  | 96  | 96  | 86  | 71 | 63 | 68 | 61  | 86              |
| 9             | 59             | 58  | 58  | 71  | 86  | 96  | 99  | 114 | 105 | 103 | 98  | 88  | 94  | 95  | 85  | 81  | 84  | 92  | 83  | 71  | 64 | 47 | 37 | 40  | 80              |
| 10            | 44             | 45  | 50  | 65  | 68  | 92  | 103 | 105 | 105 | 95  | 95  | 96  | 94  | 88  | 87  | 86  | 81  | 75  | 69  | 63  | 62 | 58 | 55 | 47  | 76              |
| 11 Q          | 46             | 52  | 60  | 67  | 83  | 104 | 106 | 107 | 102 | 102 | 99  | 97  | 95  | 93  | 90  | 82  | 81  | 81  | 83  | 79  | 71 | 64 | 60 | 65  | 82              |
| 12            | 60             | 56  | 59  | 71  | 81  | 96  | 105 | 104 | 120 | 95  | 80  | 89  | 83  | 77  | 83  | 82  | 85  | 81  | 89  | 85  | 88 | 92 | 92 | 72  | 84              |
| 13            | 28             | 40  | 53  | 60  | 81  | 91  | 99  | 100 | 103 | 97  | 94  | 97  | 99  | 100 | 102 | 101 | 100 | 110 | 90  | 83  | 74 | 72 | 67 | 58  | 84              |
| 14            | 47             | 38  | 34  | 60  | 83  | 93  | 100 | 102 | 102 | 100 | 105 | 100 | 93  | 101 | 97  | 102 | 95  | 92  | 89  | 77  | 69 | 65 | 56 | 46  | 81              |
| 15            | 30             | 36  | 50  | 77  | 102 | 115 | 111 | 110 | 106 | 120 | 95  | 101 | 104 | 104 | 99  | 101 | 99  | 93  | 85  | 79  | 81 | 81 | 73 | 67  | 88              |
| 16            | 39             | 35  | 31  | 40  | 49  | 112 | 95  | 118 | 120 | 93  | 89  | 90  | 99  | 112 | 114 | 99  | 102 | 93  | 83  | 77  | 74 | 63 | 59 | 54  | 81              |
| 17 D          | 9              | -32 | -34 | 3   | 36  | 32  | 58  | 56  | 62  | 65  | 72  | 75  | 71  | 73  | 73  | 66  | 61  | 61  | 63  | 62  | 46 | 44 | 42 | 41  | 46              |
| 18            | 27             | 35  | 39  | 49  | 55  | 70  | 81  | 67  | 70  | 81  | 78  | 85  | 85  | 85  | 84  | 78  | 75  | 75  | 81  | 80  | 74 | 62 | 44 | 36  | 67              |
| 19            | 22             | 36  | 50  | 64  | 79  | 93  | 91  | 91  | 95  | 92  | 89  | 95  | 97  | 96  | 89  | 85  | 83  | 83  | 82  | 76  | 73 | 69 | 56 | 44  | 76              |
| 20 Q          | 30             | 34  | 44  | 58  | 75  | 83  | 91  | 102 | 98  | 93  | 88  | 85  | 90  | 91  | 93  | 92  | 90  | 91  | 88  | 83  | 76 | 63 | 46 | 35  | 76              |
| 21 Q          | 40             | 50  | 65  | 79  | 100 | 93  | 90  | 93  | 96  | 89  | 94  | 96  | 98  | 98  | 100 | 101 | 95  | 99  | 99  | 88  | 75 | 61 | 50 | 50  | 83              |
| 22            | 49             | 51  | 60  | 79  | 94  | 90  | 98  | 96  | 102 | 100 | 95  | 88  | 85  | 81  | 85  | 86  | 87  | 85  | 83  | 87  | 75 | 83 | 48 | 45  | 81              |
| 23 D          | 42             | 45  | 48  | 63  | 94  | 84  | 91  | 101 | 103 | 99  | 104 | 104 | 105 | 104 | 110 | 106 | 101 | 108 | 113 | 112 | 83 | 54 | 42 | -5  | 84              |
| 24 D          | 67             | 65  | -15 | -57 | 17  | 44  | 52  | 102 | 91  | 95  | 57  | 44  | 44  | 42  | 46  | 42  | 45  | 40  | 26  | 23  | 4  | 5  | 10 | 3   | 37              |
| 25 D          | -26            | -34 | -28 | 8   | 25  | 59  | 83  | 97  | 88  | 81  | 81  | 58  | 61  | 63  | 61  | 57  | 54  | 47  | 38  | 34  | 42 | 45 | 15 | -18 | 41              |
| 26            | 4              | -1  | 6   | 32  | 65  | 71  | 81  | 97  | 96  | 111 | 79  | 77  | 77  | 79  | 63  | 56  | 64  | 77  | 62  | 55  | 46 | 44 | 42 | 37  | 59              |
| 27            | 29             | 25  | 35  | 47  | 67  | 88  | 91  | 102 | 109 | 99  | 85  | 79  | 84  | 90  | 79  | 88  | 70  | 61  | 61  | 61  | 53 | 57 | 48 | 40  | 69              |
| 28            | 28             | 27  | 34  | 46  | 70  | 83  | 75  | 98  | 85  | 87  | 100 | 89  | 89  | 74  | 74  | 77  | 86  | 79  | 66  | 65  | 67 | 59 | 42 | 20  | 68              |
| 29 D          | 13             | 22  | 40  | 52  | 68  | 85  | 100 | 95  | 93  | 99  | 100 | 97  | 96  | 96  | 100 | 91  | 91  | 79  | 73  | 43  | 23 | 29 | 32 | 23  | 68              |
| 30            | 99999999999999 | 50  | 62  | 61  | 103 | 91  | 102 | 101 | 93  | 99  | 86  | 90  | 71  | 81  | 83  | 72  | 78  | 68  | 50  | 42  | 31 | 17 |    |     | 73              |
| 31            | 9999999999     | 54  | 43  | 73  | 83  | 92  | 97  | 100 | 97  | 95  | 91  | 90  | 91  | 90  | 88  | 87  | 88  | 85  | 75  | 60  | 46 | 40 | 25 |     | 77              |
| СРЕДНЕЕ       |                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |                 |
| ПО ВСЕМ ДНЯМ  | 33             | 32  | 38  | 51  | 71  | 85  | 93  | 98  | 97  | 90  | 91  | 89  | 88  | 88  | 86  | 83  | 81  | 79  | 75  | 70  | 62 | 56 | 47 | 38  | 72              |
| Q -СРЕДНЕЕ    |                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |                 |
| ПО СПОК. ДНЯМ | 43             | 48  | 55  | 67  | 84  | 94  | 99  | 104 | 102 | 98  | 96  | 94  | 95  | 95  | 94  | 92  | 90  | 92  | 92  | 86  | 76 | 66 | 59 | 54  | 82              |
| D -СРЕДНЕЕ    |                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |                 |
| ПО ВОЗМ. ДНЯМ | 21             | 13  | 2   | 14  | 48  | 61  | 77  | 90  | 87  | 88  | 83  | 76  | 75  | 76  | 78  | 72  | 70  | 67  | 63  | 55  | 40 | 35 | 28 | 9   | 55              |

ОСНОВНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДЛИНОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

МАЙ 2000 года  
MAY 2000 year

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1            | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 220          | 225 | 226 | 227 | 232 | 237 | 248 | 252 | 252 | 240 | 240 | 239 | 241 | 239 | 235 | 235 | 237 | 232 | 230 | 223 | 213 | 204 | 211 | 215 | 232             |
| 2             | 216          | 220 | 222 | 225 | 220 | 237 | 247 | 256 | 256 | 256 | 261 | 261 | 257 | 247 | 244 | 243 | 241 | 242 | 230 | 224 | 211 | 211 | 213 | 224 | 2099            |
| 3             | 224          | 223 | 228 | 233 | 238 | 242 | 245 | 247 | 245 | 245 | 241 | 239 | 237 | 236 | 234 | 232 | 228 | 234 | 218 | 198 | 187 | 186 | 194 | 196 | 226             |
| 4             | 208          | 217 | 223 | 228 | 228 | 231 | 239 | 243 | 246 | 247 | 246 | 245 | 246 | 243 | 239 | 238 | 238 | 237 | 237 | 236 | 231 | 225 | 218 | 215 | 234             |
| 5             | 213          | 217 | 222 | 222 | 225 | 233 | 245 | 250 | 247 | 249 | 251 | 253 | 251 | 233 | 219 | 233 | 238 | 239 | 239 | 237 | 233 | 226 | 223 | 220 | 234             |
| 6             | 218          | 219 | 226 | 228 | 231 | 239 | 244 | 246 | 251 | 250 | 246 | 241 | 241 | 238 | 232 | 230 | 236 | 235 | 232 | 226 | 222 | 221 | 221 | 219 | 233             |
| 7 Q           | 217          | 216 | 214 | 217 | 217 | 225 | 228 | 233 | 236 | 239 | 237 | 236 | 235 | 234 | 234 | 234 | 234 | 235 | 236 | 237 | 237 | 234 | 231 | 227 | 230             |
| 8 Q           | 224          | 222 | 217 | 209 | 209 | 210 | 223 | 229 | 231 | 232 | 232 | 232 | 232 | 232 | 232 | 231 | 231 | 231 | 230 | 230 | 229 | 224 | 220 | 218 | 226             |
| 9             | 218          | 219 | 217 | 218 | 219 | 226 | 229 | 236 | 241 | 244 | 247 | 246 | 239 | 237 | 234 | 232 | 229 | 221 | 202 | 203 | 210 | 214 | 215 | 212 | 225             |
| 10            | 206          | 208 | 216 | 221 | 222 | 228 | 233 | 237 | 240 | 244 | 243 | 242 | 243 | 241 | 238 | 234 | 231 | 232 | 233 | 230 | 224 | 217 | 214 | 216 | 229             |
| 11 Q          | 218          | 218 | 221 | 225 | 225 | 231 | 238 | 240 | 239 | 237 | 236 | 236 | 236 | 237 | 235 | 235 | 235 | 235 | 233 | 231 | 229 | 223 | 216 | 213 | 230             |
| 12            | 210          | 215 | 217 | 216 | 225 | 237 | 251 | 267 | 295 | 290 | 271 | 260 | 257 | 250 | 245 | 244 | 243 | 243 | 243 | 237 | 231 | 218 | 212 | 212 | 241             |
| 13            | 215          | 226 | 220 | 220 | 231 | 234 | 240 | 242 | 241 | 242 | 240 | 238 | 238 | 237 | 234 | 229 | 230 | 230 | 222 | 213 | 210 | 214 | 213 | 215 | 229             |
| 14            | 208          | 211 | 219 | 209 | 231 | 236 | 240 | 241 | 241 | 242 | 242 | 241 | 239 | 235 | 235 | 235 | 236 | 238 | 236 | 233 | 226 | 215 | 216 | 219 | 231             |
| 15            | 212          | 215 | 223 | 218 | 215 | 215 | 218 | 226 | 232 | 245 | 252 | 246 | 241 | 237 | 234 | 232 | 229 | 226 | 230 | 230 | 229 | 223 | 217 | 215 | 228             |
| 16            | 216          | 222 | 225 | 226 | 238 | 244 | 242 | 247 | 255 | 263 | 262 | 250 | 246 | 243 | 238 | 235 | 235 | 236 | 228 | 221 | 217 | 216 | 210 | 206 | 234             |
| 17 D          | 189          | 198 | 212 | 241 | 267 | 235 | 270 | 256 | 251 | 244 | 244 | 245 | 246 | 244 | 244 | 243 | 243 | 243 | 243 | 241 | 233 | 225 | 219 | 216 | 239             |
| 18            | 221          | 228 | 230 | 239 | 244 | 247 | 255 | 262 | 260 | 257 | 253 | 249 | 244 | 242 | 241 | 240 | 241 | 242 | 241 | 240 | 239 | 239 | 233 | 225 | 242             |
| 19            | 216          | 210 | 226 | 230 | 238 | 243 | 245 | 240 | 245 | 248 | 248 | 244 | 241 | 239 | 238 | 238 | 239 | 240 | 239 | 233 | 225 | 220 | 223 | 227 | 236             |
| 20 Q          | 223          | 218 | 221 | 229 | 233 | 242 | 250 | 252 | 249 | 244 | 242 | 241 | 240 | 239 | 238 | 238 | 240 | 242 | 239 | 234 | 229 | 227 | 223 | 224 | 236             |
| 21 Q          | 228          | 225 | 227 | 230 | 232 | 230 | 245 | 246 | 247 | 243 | 240 | 239 | 238 | 233 | 237 | 230 | 237 | 238 | 236 | 235 | 232 | 230 | 222 | 218 | 235             |
| 22            | 213          | 212 | 216 | 221 | 228 | 239 | 245 | 246 | 246 | 245 | 251 | 249 | 247 | 244 | 241 | 241 | 242 | 243 | 243 | 242 | 239 | 237 | 236 | 221 | 237             |
| 23 D          | 220          | 219 | 221 | 225 | 231 | 238 | 244 | 243 | 245 | 245 | 242 | 238 | 236 | 236 | 234 | 234 | 234 | 232 | 228 | 229 | 220 | 215 | 213 | 202 | 230             |
| 24 D          | 209          | 204 | 181 | 233 | 291 | 267 | 251 | 318 | 403 | 367 | 345 | 285 | 276 | 229 | 232 | 244 | 245 | 226 | 180 | 195 | 216 | 235 | 243 | 242 | 255             |
| 25 D          | 236          | 245 | 253 | 271 | 273 | 277 | 288 | 297 | 298 | 289 | 274 | 266 | 252 | 243 | 245 | 242 | 232 | 228 | 217 | 216 | 216 | 224 | 222 | 218 | 251             |
| 26            | 220          | 221 | 227 | 234 | 248 | 251 | 250 | 265 | 270 | 280 | 266 | 261 | 256 | 246 | 241 | 239 | 241 | 231 | 238 | 240 | 240 | 235 | 232 | 231 | 244             |
| 27            | 205          | 235 | 238 | 237 | 237 | 242 | 248 | 250 | 257 | 258 | 257 | 253 | 248 | 247 | 247 | 247 | 243 | 234 | 236 | 234 | 229 | 227 | 220 | 221 | 241             |
| 28            | 216          | 219 | 225 | 231 | 240 | 251 | 254 | 257 | 256 | 249 | 246 | 249 | 245 | 243 | 244 | 244 | 224 | 226 | 222 | 222 | 214 | 216 | 220 | 223 | 235             |
| 29 D          | 221          | 226 | 231 | 236 | 241 | 250 | 260 | 267 | 264 | 260 | 254 | 249 | 247 | 244 | 239 | 232 | 228 | 212 | 205 | 220 | 221 | 217 | 209 | 208 | 235             |
| 30            | 509909990999 | 211 | 214 | 225 | 248 | 250 | 252 | 246 | 239 | 234 | 221 | 207 | 206 | 203 | 203 | 193 | 200 | 205 | 204 | 194 | 189 | 195 |     |     | 217             |
| 31            | 99999999     | 198 | 204 | 202 | 228 | 232 | 229 | 224 | 221 | 219 | 218 | 210 | 216 | 216 | 216 | 216 | 218 | 218 | 216 | 215 | 210 | 203 | 200 | 200 | 215             |
| СРЕДНЕЕ       |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 217          | 219 | 222 | 227 | 233 | 240 | 245 | 251 | 255 | 254 | 251 | 240 | 243 | 238 | 236 | 235 | 234 | 230 | 228 | 226 | 223 | 220 | 218 | 217 | 234             |
| Q -СРЕДНЕЕ    |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПЕК. ДНЯМ | 222          | 220 | 220 | 222 | 223 | 231 | 237 | 240 | 240 | 239 | 237 | 237 | 236 | 236 | 235 | 235 | 235 | 230 | 235 | 233 | 231 | 228 | 222 | 220 | 231             |
| D -СРЕДНЕЕ    |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 215          | 218 | 220 | 241 | 261 | 264 | 263 | 270 | 292 | 281 | 270 | 257 | 251 | 239 | 239 | 239 | 236 | 228 | 216 | 220 | 220 | 223 | 221 | 217 | 242             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

МАЙ 2000 года  
MAY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1            | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 151          | 156 | 159 | 160 | 173 | 186 | 205 | 205 | 203 | 196 | 193 | 193 | 191 | 188 | 189 | 182 | 182 | 176 | 170 | 161 | 151 | 141 | 143 | 143 | 175             |
| 2             | 147          | 148 | 159 | 167 | 176 | 187 | 201 | 210 | 204 | 206 | 216 | 210 | 202 | 197 | 192 | 185 | 185 | 182 | 169 | 162 | 150 | 147 | 144 | 159 | 9999            |
| 3             | 159          | 157 | 164 | 176 | 186 | 194 | 194 | 201 | 197 | 200 | 193 | 191 | 191 | 190 | 190 | 189 | 178 | 178 | 166 | 144 | 130 | 125 | 125 | 130 | 173             |
| 4             | 142          | 150 | 157 | 166 | 170 | 179 | 189 | 196 | 203 | 198 | 199 | 197 | 197 | 194 | 186 | 184 | 184 | 185 | 182 | 180 | 173 | 166 | 158 | 151 | 179             |
| 5             | 148          | 150 | 157 | 162 | 172 | 188 | 203 | 204 | 201 | 205 | 205 | 202 | 201 | 185 | 168 | 180 | 186 | 187 | 186 | 180 | 176 | 169 | 164 | 160 | 181             |
| 6             | 152          | 147 | 160 | 169 | 175 | 185 | 196 | 198 | 202 | 204 | 197 | 193 | 193 | 187 | 181 | 179 | 183 | 183 | 178 | 173 | 170 | 168 | 164 | 155 | 179             |
| 7 Q           | 155          | 157 | 156 | 162 | 167 | 179 | 185 | 190 | 193 | 195 | 191 | 190 | 189 | 188 | 187 | 188 | 188 | 190 | 190 | 191 | 189 | 183 | 177 | 171 | 181             |
| 8 Q           | 164          | 160 | 157 | 154 | 160 | 172 | 184 | 190 | 192 | 191 | 189 | 189 | 188 | 188 | 186 | 186 | 186 | 186 | 185 | 182 | 176 | 169 | 166 | 162 | 178             |
| 9             | 162          | 162 | 159 | 164 | 171 | 181 | 185 | 197 | 200 | 201 | 202 | 198 | 193 | 191 | 185 | 182 | 180 | 176 | 154 | 152 | 156 | 153 | 150 | 149 | 175             |
| 10            | 145          | 147 | 156 | 165 | 167 | 182 | 190 | 195 | 199 | 198 | 197 | 197 | 197 | 194 | 190 | 186 | 181 | 180 | 179 | 174 | 168 | 161 | 156 | 155 | 177             |
| 11 Q          | 156          | 159 | 165 | 171 | 176 | 188 | 197 | 199 | 195 | 194 | 192 | 191 | 191 | 191 | 189 | 185 | 185 | 186 | 184 | 180 | 176 | 168 | 160 | 160 | 181             |
| 12            | 154          | 157 | 161 | 164 | 175 | 191 | 209 | 222 | 252 | 244 | 220 | 212 | 206 | 198 | 195 | 193 | 193 | 192 | 196 | 189 | 184 | 174 | 168 | 161 | 192             |
| 13            | 148          | 162 | 168 | 169 | 180 | 188 | 196 | 198 | 199 | 198 | 195 | 193 | 194 | 194 | 191 | 187 | 187 | 191 | 176 | 166 | 160 | 162 | 160 | 159 | 180             |
| 14            | 148          | 148 | 154 | 172 | 181 | 190 | 196 | 198 | 199 | 198 | 200 | 198 | 194 | 192 | 191 | 192 | 190 | 191 | 190 | 182 | 171 | 161 | 158 | 158 | 181             |
| 15            | 146          | 150 | 163 | 168 | 173 | 177 | 179 | 187 | 191 | 209 | 207 | 203 | 199 | 195 | 190 | 190 | 186 | 181 | 182 | 180 | 179 | 175 | 166 | 162 | 181             |
| 16            | 152          | 157 | 158 | 162 | 176 | 204 | 197 | 209 | 217 | 219 | 214 | 204 | 203 | 204 | 200 | 192 | 193 | 190 | 179 | 171 | 166 | 162 | 154 | 148 | 185             |
| 17 D          | 116          | 111 | 123 | 164 | 200 | 213 | 209 | 196 | 193 | 188 | 190 | 193 | 192 | 191 | 191 | 188 | 186 | 186 | 186 | 185 | 172 | 163 | 157 | 152 | 177             |
| 18            | 153          | 162 | 166 | 178 | 184 | 192 | 204 | 205 | 205 | 206 | 201 | 199 | 195 | 193 | 191 | 189 | 189 | 190 | 191 | 190 | 188 | 182 | 171 | 160 | 187             |
| 19            | 147          | 152 | 166 | 180 | 187 | 199 | 198 | 198 | 199 | 202 | 201 | 198 | 196 | 194 | 191 | 189 | 190 | 191 | 190 | 181 | 174 | 168 | 166 | 164 | 184             |
| 20 Q          | 156          | 152 | 160 | 171 | 180 | 191 | 203 | 208 | 205 | 198 | 194 | 193 | 192 | 192 | 192 | 192 | 193 | 196 | 192 | 185 | 178 | 172 | 162 | 159 | 184             |
| 21 Q          | 165          | 164 | 172 | 179 | 186 | 192 | 197 | 199 | 202 | 196 | 194 | 194 | 194 | 193 | 194 | 194 | 192 | 194 | 193 | 189 | 180 | 174 | 162 | 159 | 186             |
| 22            | 153          | 152 | 160 | 171 | 182 | 191 | 199 | 201 | 202 | 201 | 205 | 201 | 197 | 193 | 192 | 192 | 193 | 194 | 193 | 193 | 187 | 180 | 174 | 168 | 186             |
| 23 D          | 158          | 157 | 160 | 169 | 186 | 189 | 197 | 199 | 202 | 201 | 199 | 195 | 195 | 193 | 195 | 192 | 191 | 191 | 190 | 190 | 174 | 157 | 152 | 131 | 182             |
| 24 D          | 147          | 151 | 103 | 141 | 217 | 201 | 192 | 283 | 342 | 314 | 284 | 234 | 211 | 167 | 171 | 180 | 183 | 160 | 120 | 127 | 142 | 158 | 168 | 165 | 190             |
| 25 D          | 150          | 154 | 162 | 194 | 200 | 220 | 234 | 248 | 247 | 237 | 219 | 207 | 193 | 187 | 187 | 183 | 173 | 167 | 153 | 150 | 153 | 162 | 151 | 134 | 186             |
| 26            | 143          | 143 | 151 | 165 | 191 | 195 | 200 | 219 | 227 | 238 | 214 | 208 | 203 | 194 | 184 | 181 | 185 | 180 | 182 | 181 | 178 | 173 | 169 | 166 | 186             |
| 27            | 167          | 167 | 171 | 175 | 182 | 193 | 200 | 209 | 215 | 211 | 207 | 201 | 199 | 199 | 194 | 191 | 189 | 178 | 180 | 177 | 170 | 169 | 159 | 157 | 186             |
| 28            | 149          | 151 | 158 | 169 | 186 | 201 | 200 | 212 | 206 | 201 | 202 | 201 | 198 | 190 | 191 | 193 | 193 | 177 | 168 | 168 | 160 | 160 | 157 | 154 | 181             |
| 29 D          | 148          | 156 | 166 | 176 | 186 | 202 | 215 | 219 | 217 | 215 | 209 | 204 | 202 | 199 | 195 | 185 | 181 | 163 | 155 | 157 | 152 | 150 | 142 | 138 | 181             |
| 30            | 999999999999 | 147 | 154 | 163 | 201 | 205 | 205 | 198 | 189 | 187 | 169 | 157 | 151 | 151 | 151 | 152 | 138 | 147 | 148 | 141 | 129 | 120 | 121 |     | 161             |
| 31            | 99999999     | 138 | 139 | 163 | 175 | 184 | 181 | 178 | 174 | 172 | 169 | 167 | 167 | 167 | 167 | 166 | 168 | 169 | 165 | 161 | 151 | 140 | 134 | 130 | 162             |
| СРЕДНЕЕ       |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 151          | 153 | 157 | 167 | 179 | 190 | 198 | 206 | 209 | 208 | 203 | 198 | 195 | 190 | 187 | 185 | 185 | 182 | 176 | 173 | 167 | 162 | 157 | 153 | 180             |
| Q -СРЕДНЕЕ    |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 159          | 158 | 162 | 167 | 174 | 184 | 193 | 197 | 197 | 195 | 192 | 191 | 191 | 190 | 190 | 189 | 189 | 190 | 189 | 185 | 180 | 173 | 165 | 162 | 182             |
| D -СРЕДНЕЕ    |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 144          | 146 | 143 | 169 | 198 | 205 | 209 | 229 | 240 | 231 | 220 | 207 | 199 | 187 | 188 | 186 | 183 | 173 | 161 | 162 | 159 | 158 | 154 | 144 | 183             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ИЮНЬ 2000 года  
JUN 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGREES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -360 | -383 | -384 | -395 | -381 | -369 | -359 | -296 | -310 | -310 | -322 | -328 | -327 | -314 | -323 | -319 | -309 | -283 | -258 | -236 | -216 | -213 | -263 | -304 | -315            |
| 2             | -347 | -379 | -393 | -391 | -400 | -382 | -347 | -304 | -305 | -306 | -314 | -309 | -309 | -314 | -311 | -310 | -295 | -259 | -233 | -200 | -201 | -224 | -277 | -299 | -309            |
| 3             | -318 | -356 | -409 | -439 | -420 | -386 | -357 | -327 | -299 | -310 | -314 | -305 | -288 | -313 | -323 | -314 | -306 | -283 | -295 | -249 | -214 | -217 | -249 | -286 | -316            |
| 4             | -342 | -381 | -400 | -412 | -410 | -394 | -378 | -314 | -315 | -310 | -314 | -318 | -321 | -315 | -312 | -296 | -273 | -254 | -246 | -249 | -248 | -255 | -247 | -282 | -316            |
| 5 D           | -390 | -384 | -398 | -440 | -462 | -428 | -405 | -367 | -349 | -323 | -299 | -278 | -316 | -260 | -306 | -300 | -281 | -263 | -266 | -266 | -240 | -207 | -207 | -232 | -319            |
| 6             | -308 | -363 | -395 | -419 | -428 | -414 | -389 | -354 | -332 | -304 | -278 | -301 | -309 | -309 | -302 | -309 | -262 | -259 | -246 | -237 | -227 | -232 | -252 | -278 | -313            |
| 7             | -311 | -348 | -373 | -398 | -404 | -399 | -368 | -331 | -312 | -308 | -313 | -305 | -310 | -314 | -315 | -304 | -296 | -273 | -265 | -271 | -261 | -283 | -321 | -340 | -322            |
| 8 D           | -334 | -350 | -381 | -406 | -436 | -410 | -380 | -332 | -354 | -294 | -243 | -298 | -320 | -339 | -304 | -259 | -224 | -262 | -223 | -203 | -268 | -288 | -296 | -318 | -313            |
| 9 Q           | -333 | -306 | -380 | -394 | -400 | -388 | -360 | -336 | -319 | -309 | -312 | -327 | -321 | -314 | -314 | -311 | -303 | -293 | -285 | -285 | -275 | -280 | -287 | -282 | -321            |
| 10            | -354 | -350 | -350 | -370 | -374 | -349 | -336 | -323 | -314 | -259 | -305 | -316 | -321 | -349 | -328 | -327 | -344 | -357 | -300 | -278 | -277 | -278 | -278 | -264 | -321            |
| 11            | -304 | -350 | -387 | -400 | -404 | -377 | -359 | -332 | -281 | -300 | -278 | -221 | -259 | -307 | -297 | -361 | -349 | -274 | -223 | -251 | -250 | -238 | -257 | -274 | -306            |
| 12            | -335 | -377 | -390 | -404 | -395 | -373 | -344 | -324 | -308 | -297 | -311 | -318 | -324 | -312 | -328 | -307 | -304 | -263 | -236 | -242 | -245 | -253 | -242 | -290 | -313            |
| 13            | -343 | -369 | -404 | -407 | -397 | -382 | -355 | -336 | -304 | -264 | -304 | -309 | -309 | -295 | -319 | -333 | -316 | -283 | -258 | -242 | -227 | -236 | -263 | -303 | -315            |
| 14 D          | -360 | -420 | -433 | -418 | -418 | -399 | -377 | -318 | -305 | -320 | -308 | -315 | -311 | -318 | -307 | -273 | -273 | -236 | -208 | -214 | -157 | -132 | -182 | -264 | -303            |
| 15            | -350 | -409 | -428 | -427 | -416 | -395 | -359 | -327 | -295 | -269 | -290 | -301 | -296 | -301 | -313 | -311 | -324 | -323 | -307 | -296 | -311 | -299 | -282 | -302 | -330            |
| 16 Q          | -364 | -405 | -423 | -421 | -407 | -386 | -354 | -331 | -305 | -290 | -295 | -301 | -310 | -313 | -318 | -312 | -300 | -283 | -272 | -259 | -250 | -250 | -249 | -255 | -319            |
| 17 Q          | -308 | -359 | -388 | -398 | -403 | -395 | -374 | -346 | -317 | -301 | -293 | -291 | -299 | -302 | -306 | -293 | -296 | -266 | -242 | -218 | -212 | -214 | -251 | -283 | -306            |
| 18            | -336 | -376 | -417 | -415 | -411 | -386 | -355 | -332 | -298 | -278 | -291 | -309 | -310 | -315 | -313 | -307 | -296 | -277 | -218 | -226 | -250 | -299 | -281 | -310 | -317            |
| 19            | -330 | -359 | -394 | -404 | -381 | -377 | -358 | -332 | -305 | -300 | -299 | -301 | -303 | -304 | -302 | -301 | -296 | -278 | -262 | -243 | -222 | -227 | -250 | -276 | -308            |
| 20            | -305 | -347 | -392 | -382 | -382 | -383 | -364 | -334 | -305 | -292 | -300 | -300 | -277 | -305 | -309 | -307 | -301 | -289 | -272 | -273 | -248 | -246 | -263 | -279 | -311            |
| 21            | -313 | -325 | -352 | -371 | -401 | -395 | -374 | -341 | -304 | -283 | -281 | -293 | -306 | -309 | -311 | -308 | -299 | -273 | -256 | -241 | -241 | -213 | -247 | -273 | -305            |
| 22            | -337 | -389 | -393 | -395 | -400 | -390 | -379 | -356 | -329 | -315 | -313 | -309 | -299 | -297 | -290 | -283 | -272 | -248 | -222 | -205 | -215 | -218 | -215 | -245 | -305            |
| 23 D          | -293 | -324 | -359 | -384 | -392 | -401 | -359 | -337 | -321 | -318 | -313 | -312 | -307 | -255 | -237 | -268 | -243 | -245 | -268 | -182 | -134 | -153 | -213 | -237 | -286            |
| 24            | -309 | -353 | -411 | -421 | -424 | -410 | -414 | -363 | -341 | -323 | -315 | -329 | -329 | -326 | -314 | -304 | -295 | -287 | -273 | -262 | -258 | -258 | -261 | -274 | -327            |
| 25 Q          | -309 | -350 | -379 | -395 | -398 | -379 | -357 | -337 | -319 | -319 | -320 | -323 | -322 | -317 | -307 | -299 | -282 | -262 | -245 | -232 | -232 | -232 | -254 | -268 | -310            |
| 26 D          | -304 | -345 | -368 | -397 | -419 | -420 | -414 | -387 | -366 | -364 | -340 | -328 | -263 | -379 | -263 | -224 | -242 | -174 | -282 | -209 | -287 | -339 | -299 | -323 | -322            |
| 27            | -410 | -385 | -419 | -450 | -430 | -415 | -377 | -339 | -296 | -307 | -305 | -308 | -285 | -315 | -318 | -313 | -318 | -318 | -300 | -299 | -264 | -271 | -300 | -296 | -335            |
| 28            | -341 | -377 | -398 | -410 | -417 | -411 | -390 | -353 | -322 | -301 | -290 | -300 | -305 | -309 | -309 | -319 | -295 | -271 | -257 | -237 | -250 | -253 | -272 | -296 | -320            |
| 29            | -336 | -365 | -411 | -428 | -434 | -415 | -397 | -339 | -315 | -305 | -304 | -314 | -319 | -332 | -323 | -316 | -305 | -289 | -271 | -251 | -233 | -233 | -246 | -287 | -324            |
| 30 Q          | -345 | -374 | -383 | -391 | -395 | -382 | -355 | -324 | -310 | -301 | -301 | -291 | -312 | -319 | -319 | -306 | -289 | -278 | -272 | -260 | -264 | -250 | -235 | -250 | -313            |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -334 | -365 | -393 | -406 | -408 | -393 | -370 | -336 | -315 | -303 | -302 | -305 | -306 | -312 | -308 | -303 | -293 | -273 | -259 | -244 | -239 | -243 | -258 | -282 | -315            |
| Q -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -332 | -359 | -391 | -400 | -401 | -386 | -360 | -335 | -314 | -304 | -304 | -307 | -313 | -313 | -313 | -304 | -294 | -276 | -263 | -251 | -247 | -245 | -255 | -268 | -314            |
| D -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ПОЗМ. ДНЯМ | -336 | -365 | -388 | -409 | -425 | -412 | -387 | -348 | -339 | -324 | -301 | -306 | -303 | -310 | -283 | -265 | -253 | -236 | -249 | -215 | -217 | -224 | -239 | -275 | -309            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ИЮНЬ 2000 года  
JUNE 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ H В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1  | 2  | 3  | 4  | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19 | 20 | 21 | 22 | 23 | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----------------|
| 1             | 24 | 37 | 46 | 65 | 89  | 97  | 111 | 117 | 83  | 91  | 90  | 92  | 95  | 93  | 98  | 85  | 79  | 80  | 79 | 76 | 63 | 38 | 25 | 38  | 75              |
| 2             | 45 | 56 | 67 | 83 | 88  | 100 | 111 | 105 | 96  | 96  | 100 | 105 | 98  | 91  | 88  | 89  | 88  | 83  | 81 | 77 | 69 | 58 | 50 | 48  | 82              |
| 3             | 38 | 34 | 43 | 69 | 97  | 101 | 107 | 111 | 101 | 118 | 105 | 115 | 76  | 83  | 87  | 86  | 85  | 81  | 77 | 75 | 68 | 54 | 46 | 30  | 79              |
| 4             | 25 | 37 | 52 | 72 | 89  | 101 | 102 | 105 | 87  | 90  | 89  | 91  | 90  | 87  | 85  | 96  | 93  | 97  | 93 | 79 | 64 | 65 | 32 | 9   | 76              |
| 5 D           | 13 | 54 | 61 | 69 | 87  | 112 | 112 | 108 | 110 | 90  | 80  | 84  | 87  | 86  | 105 | 110 | 103 | 93  | 81 | 75 | 72 | 69 | 56 | 29  | 81              |
| 6             | 44 | 51 | 61 | 77 | 75  | 85  | 95  | 116 | 114 | 107 | 112 | 109 | 107 | 109 | 110 | 101 | 84  | 80  | 78 | 74 | 68 | 59 | 51 | 42  | 84              |
| 7             | 34 | 41 | 46 | 62 | 77  | 89  | 99  | 108 | 89  | 93  | 99  | 102 | 99  | 100 | 97  | 88  | 93  | 95  | 96 | 83 | 72 | 54 | 38 | 42  | 79              |
| 8 D           | 44 | 46 | 38 | 70 | 66  | 79  | 116 | 111 | 81  | 166 | 123 | 123 | 138 | 121 | 91  | 103 | 79  | 17  | 7  | 13 | 27 | 9  | 22 | 27  | 72              |
| 9 Q           | 19 | 14 | 13 | 23 | 37  | 62  | 81  | 89  | 81  | 89  | 92  | 78  | 76  | 73  | 71  | 66  | 58  | 65  | 68 | 71 | 65 | 54 | 50 | 35  | 60              |
| 10            | 9  | 17 | 15 | 32 | 56  | 84  | 98  | 104 | 108 | 104 | 107 | 91  | 99  | 95  | 62  | 63  | 72  | 73  | 62 | 55 | 49 | 34 | 32 | 35  | 65              |
| 11            | 25 | 13 | 30 | 44 | 58  | 84  | 88  | 97  | 117 | 121 | 124 | 86  | 89  | 79  | 81  | 95  | 74  | 79  | 80 | 56 | 68 | 50 | 35 | 29  | 71              |
| 12            | 29 | 28 | 40 | 60 | 77  | 83  | 97  | 106 | 85  | 93  | 87  | 83  | 82  | 88  | 91  | 75  | 79  | 73  | 65 | 61 | 50 | 42 | 24 | 17  | 67              |
| 13            | 23 | 34 | 46 | 72 | 87  | 77  | 93  | 102 | 118 | 115 | 93  | 93  | 81  | 89  | 77  | 70  | 81  | 79  | 81 | 79 | 71 | 56 | 44 | 19  | 75              |
| 14 D          | 7  | 22 | 44 | 64 | 83  | 99  | 91  | 114 | 105 | 79  | 97  | 107 | 114 | 93  | 115 | 103 | 107 | 99  | 80 | 83 | 95 | 73 | 60 | 49  | 83              |
| 15            | 30 | 34 | 34 | 50 | 66  | 73  | 89  | 79  | 83  | 103 | 97  | 104 | 105 | 97  | 96  | 93  | 101 | 87  | 73 | 48 | 46 | 44 | 25 | 20  | 70              |
| 16 Q          | 23 | 35 | 48 | 66 | 75  | 76  | 87  | 95  | 99  | 93  | 89  | 93  | 91  | 91  | 89  | 90  | 91  | 91  | 91 | 87 | 75 | 56 | 38 | 27  | 75              |
| 17 Q          | 27 | 27 | 38 | 60 | 79  | 91  | 96  | 99  | 101 | 97  | 101 | 105 | 108 | 105 | 106 | 105 | 99  | 93  | 91 | 83 | 79 | 64 | 60 | 50  | 82              |
| 18            | 42 | 33 | 32 | 48 | 71  | 93  | 103 | 106 | 104 | 112 | 101 | 93  | 97  | 95  | 103 | 94  | 93  | 83  | 79 | 75 | 62 | 70 | 58 | 41  | 70              |
| 19            | 32 | 25 | 40 | 52 | 77  | 87  | 95  | 95  | 97  | 97  | 90  | 90  | 91  | 95  | 101 | 101 | 105 | 100 | 97 | 89 | 75 | 63 | 56 | 56  | 79              |
| 20            | 50 | 49 | 60 | 81 | 96  | 102 | 108 | 109 | 105 | 107 | 111 | 101 | 99  | 90  | 91  | 91  | 89  | 86  | 79 | 77 | 72 | 68 | 60 | 52  | 85              |
| 21            | 47 | 44 | 54 | 66 | 75  | 91  | 101 | 105 | 111 | 107 | 101 | 100 | 101 | 97  | 100 | 100 | 99  | 97  | 99 | 95 | 93 | 72 | 63 | 46  | 86              |
| 22            | 47 | 54 | 51 | 64 | 80  | 95  | 97  | 104 | 106 | 116 | 116 | 106 | 114 | 108 | 107 | 102 | 97  | 91  | 87 | 83 | 75 | 62 | 50 | 42  | 86              |
| 23 D          | 36 | 35 | 44 | 63 | 101 | 103 | 91  | 106 | 110 | 106 | 106 | 101 | 103 | 154 | 99  | 98  | 103 | 91  | 85 | 44 | 34 | 11 | 33 | 18  | 78              |
| 24            | 9  | 34 | 48 | 63 | 101 | 120 | 79  | 61  | 79  | 85  | 85  | 86  | 85  | 83  | 85  | 81  | 79  | 75  | 71 | 64 | 51 | 32 | 23 | 24  | 67              |
| 25 Q          | 22 | 28 | 48 | 66 | 79  | 84  | 89  | 93  | 100 | 97  | 93  | 91  | 92  | 93  | 89  | 84  | 79  | 79  | 79 | 85 | 79 | 54 | 44 | 24  | 74              |
| 26 D          | 25 | 44 | 58 | 81 | 97  | 120 | 130 | 140 | 137 | 103 | 101 | 54  | 74  | 64  | 54  | 40  | 25  | 18  | 38 | 35 | 17 | 22 | 12 | -17 | 61              |
| 27            | -1 | 8  | 19 | 29 | 50  | 64  | 80  | 85  | 103 | 97  | 82  | 70  | 82  | 93  | 83  | 79  | 76  | 70  | 62 | 61 | 65 | 50 | 28 | 13  | 61              |
| 28            | 19 | 19 | 30 | 46 | 58  | 71  | 82  | 91  | 95  | 93  | 87  | 95  | 97  | 97  | 96  | 92  | 85  | 79  | 73 | 64 | 57 | 56 | 54 | 32  | 70              |
| 29            | 11 | 0  | 25 | 46 | 54  | 63  | 91  | 104 | 91  | 85  | 85  | 85  | 90  | 87  | 75  | 74  | 75  | 75  | 77 | 71 | 67 | 56 | 46 | 34  | 65              |
| 30 Q          | 30 | 32 | 39 | 49 | 63  | 75  | 87  | 91  | 95  | 107 | 105 | 97  | 93  | 91  | 85  | 81  | 79  | 81  | 81 | 79 | 74 | 60 | 42 | 33  | 73              |
| СРЕДНЕЕ       |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |     |                 |
| по всем дням  | 28 | 33 | 42 | 60 | 76  | 89  | 97  | 102 | 100 | 102 | 98  | 95  | 95  | 95  | 91  | 88  | 85  | 80  | 76 | 70 | 64 | 52 | 42 | 31  | 75              |
| Q -СРЕДНЕЕ    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |     |                 |
| по спок. дням | 24 | 27 | 37 | 53 | 67  | 78  | 88  | 93  | 95  | 97  | 96  | 93  | 92  | 91  | 88  | 85  | 81  | 82  | 82 | 81 | 74 | 58 | 47 | 34  | 73              |
| n -СРЕДНЕЕ    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |     |                 |
| по возм. дням | 25 | 40 | 49 | 69 | 87  | 103 | 108 | 116 | 109 | 109 | 101 | 94  | 103 | 104 | 93  | 91  | 83  | 64  | 58 | 50 | 49 | 37 | 37 | 21  | 75              |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ИЮНЬ 2000 года  
JUNE 2000 year

ШИРОТА 60.12 ДЛИНОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 202 | 203 | 203 | 205 | 215 | 223 | 231 | 245 | 231 | 222 | 210 | 215 | 216 | 216 | 214 | 214 | 217 | 218 | 217 | 216 | 214 | 206 | 201 | 199 | 215             |
| 2             | 202 | 206 | 208 | 207 | 210 | 216 | 225 | 235 | 232 | 224 | 219 | 219 | 220 | 220 | 220 | 220 | 221 | 221 | 220 | 217 | 214 | 208 | 202 | 198 | 216             |
| 3             | 193 | 196 | 203 | 212 | 222 | 226 | 227 | 228 | 228 | 230 | 231 | 240 | 236 | 228 | 225 | 223 | 216 | 217 | 214 | 205 | 206 | 209 | 209 | 202 | 218             |
| 4             | 200 | 205 | 207 | 217 | 217 | 226 | 229 | 235 | 227 | 223 | 219 | 218 | 217 | 217 | 217 | 218 | 218 | 218 | 214 | 210 | 205 | 200 | 198 | 200 | 215             |
| 5 D           | 200 | 201 | 203 | 206 | 211 | 224 | 237 | 237 | 247 | 249 | 252 | 243 | 230 | 233 | 230 | 220 | 223 | 221 | 221 | 219 | 215 | 207 | 202 | 197 | 222             |
| 6             | 199 | 200 | 203 | 203 | 208 | 213 | 218 | 221 | 223 | 225 | 229 | 232 | 233 | 230 | 234 | 207 | 211 | 218 | 218 | 216 | 210 | 203 | 205 | 207 | 215             |
| 7             | 214 | 206 | 206 | 207 | 213 | 219 | 223 | 227 | 232 | 229 | 225 | 223 | 219 | 216 | 213 | 213 | 214 | 214 | 213 | 210 | 200 | 193 | 193 | 194 | 213             |
| 8 D           | 192 | 193 | 197 | 205 | 214 | 224 | 241 | 266 | 248 | 246 | 280 | 270 | 259 | 207 | 203 | 181 | 190 | 167 | 146 | 110 | 146 | 167 | 199 | 213 | 207             |
| 9 Q           | 213 | 210 | 218 | 226 | 228 | 230 | 228 | 231 | 230 | 230 | 228 | 225 | 222 | 221 | 220 | 219 | 220 | 222 | 221 | 221 | 220 | 213 | 209 | 205 | 221             |
| 10            | 198 | 202 | 204 | 215 | 221 | 232 | 248 | 263 | 271 | 274 | 254 | 241 | 232 | 218 | 217 | 213 | 205 | 200 | 204 | 202 | 207 | 211 | 207 | 200 | 222             |
| 11            | 197 | 203 | 211 | 218 | 223 | 226 | 228 | 231 | 238 | 244 | 273 | 259 | 229 | 233 | 228 | 215 | 215 | 220 | 224 | 221 | 222 | 211 | 205 | 210 | 224             |
| 12            | 216 | 219 | 219 | 218 | 216 | 222 | 228 | 232 | 231 | 228 | 220 | 217 | 216 | 218 | 217 | 210 | 211 | 196 | 197 | 205 | 208 | 204 | 189 | 182 | 213             |
| 13            | 184 | 187 | 194 | 200 | 204 | 214 | 224 | 236 | 248 | 251 | 238 | 234 | 229 | 215 | 215 | 221 | 224 | 223 | 223 | 223 | 220 | 212 | 206 | 202 | 218             |
| 14 D          | 202 | 208 | 208 | 206 | 210 | 220 | 224 | 232 | 242 | 233 | 225 | 218 | 215 | 215 | 215 | 214 | 214 | 212 | 206 | 201 | 183 | 173 | 173 | 174 | 209             |
| 15            | 178 | 182 | 185 | 192 | 204 | 216 | 224 | 226 | 226 | 226 | 222 | 221 | 221 | 217 | 218 | 217 | 215 | 207 | 202 | 201 | 197 | 191 | 190 | 191 | 207             |
| 16 Q          | 196 | 198 | 199 | 205 | 211 | 216 | 221 | 226 | 226 | 220 | 216 | 215 | 214 | 213 | 214 | 215 | 216 | 218 | 216 | 211 | 204 | 200 | 192 | 190 | 211             |
| 17 Q          | 189 | 189 | 193 | 198 | 197 | 198 | 207 | 214 | 218 | 216 | 213 | 213 | 213 | 213 | 213 | 211 | 213 | 215 | 212 | 211 | 210 | 200 | 195 | 189 | 206             |
| 18            | 191 | 195 | 195 | 195 | 199 | 209 | 220 | 221 | 217 | 219 | 220 | 217 | 216 | 214 | 214 | 214 | 213 | 206 | 197 | 195 | 198 | 192 | 183 | 183 | 205             |
| 19            | 185 | 187 | 190 | 195 | 193 | 208 | 214 | 216 | 214 | 216 | 214 | 213 | 212 | 213 | 213 | 214 | 214 | 215 | 213 | 207 | 203 | 200 | 197 | 191 | 206             |
| 20            | 191 | 195 | 200 | 198 | 199 | 205 | 208 | 212 | 216 | 222 | 225 | 226 | 222 | 218 | 216 | 210 | 215 | 213 | 211 | 210 | 211 | 209 | 201 | 201 | 210             |
| 21            | 196 | 193 | 196 | 190 | 203 | 216 | 220 | 222 | 226 | 225 | 218 | 215 | 214 | 214 | 214 | 215 | 216 | 215 | 215 | 214 | 212 | 206 | 200 | 196 | 211             |
| 22            | 192 | 190 | 191 | 195 | 202 | 213 | 221 | 224 | 222 | 220 | 214 | 213 | 213 | 213 | 211 | 211 | 210 | 209 | 207 | 202 | 198 | 199 | 199 | 196 | 207             |
| 23 D          | 195 | 197 | 200 | 202 | 204 | 216 | 221 | 224 | 220 | 217 | 214 | 210 | 212 | 210 | 203 | 213 | 212 | 209 | 187 | 167 | 165 | 164 | 158 | 155 | 199             |
| 24            | 173 | 190 | 194 | 202 | 213 | 224 | 230 | 227 | 226 | 226 | 223 | 218 | 215 | 215 | 215 | 215 | 215 | 214 | 214 | 210 | 208 | 206 | 201 | 198 | 211             |
| 25 Q          | 193 | 191 | 190 | 202 | 208 | 216 | 222 | 224 | 220 | 216 | 213 | 212 | 213 | 213 | 214 | 215 | 214 | 213 | 211 | 209 | 206 | 206 | 198 | 199 | 209             |
| 26 D          | 194 | 195 | 193 | 202 | 213 | 219 | 234 | 249 | 266 | 291 | 295 | 266 | 239 | 198 | 209 | 212 | 187 | 102 | 139 | 138 | 160 | 177 | 196 | 199 | 210             |
| 27            | 201 | 206 | 214 | 219 | 220 | 223 | 231 | 239 | 240 | 232 | 227 | 226 | 222 | 219 | 215 | 210 | 218 | 215 | 205 | 205 | 204 | 204 | 204 | 202 | 217             |
| 28            | 203 | 205 | 205 | 218 | 226 | 218 | 220 | 225 | 227 | 226 | 224 | 223 | 219 | 218 | 215 | 212 | 210 | 213 | 213 | 210 | 203 | 198 | 194 | 193 | 213             |
| 29            | 186 | 180 | 196 | 204 | 210 | 227 | 237 | 253 | 244 | 234 | 228 | 225 | 224 | 223 | 222 | 222 | 222 | 222 | 222 | 221 | 218 | 212 | 209 | 207 | 219             |
| 30 Q          | 204 | 200 | 201 | 209 | 216 | 221 | 224 | 221 | 218 | 222 | 223 | 223 | 221 | 219 | 220 | 219 | 221 | 221 | 221 | 219 | 216 | 213 | 210 | 200 | 216             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 196 | 198 | 201 | 206 | 211 | 219 | 226 | 231 | 232 | 231 | 230 | 226 | 222 | 217 | 210 | 214 | 214 | 211 | 207 | 204 | 203 | 200 | 198 | 195 | 213             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 199 | 198 | 201 | 208 | 212 | 216 | 220 | 223 | 222 | 221 | 219 | 218 | 217 | 216 | 216 | 216 | 217 | 218 | 216 | 214 | 211 | 200 | 201 | 195 | 212             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 197 | 199 | 200 | 204 | 210 | 221 | 231 | 242 | 245 | 247 | 253 | 242 | 231 | 213 | 212 | 209 | 205 | 194 | 180 | 167 | 174 | 178 | 186 | 188 | 210             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ИЮНЬ 2000 года  
JUN 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 132 | 137 | 140 | 149 | 147 | 176 | 189 | 206 | 199 | 174 | 167 | 168 | 169 | 169 | 168 | 164 | 165 | 166 | 166 | 164 | 157 | 142 | 131 | 133 | 162             |
| 2             | 137 | 145 | 150 | 154 | 159 | 170 | 183 | 190 | 183 | 176 | 172 | 175 | 173 | 171 | 169 | 170 | 170 | 169 | 168 | 164 | 159 | 149 | 140 | 135 | 164             |
| 3             | 126 | 128 | 138 | 154 | 174 | 179 | 183 | 186 | 182 | 191 | 186 | 198 | 181 | 175 | 174 | 172 | 169 | 165 | 160 | 151 | 150 | 148 | 144 | 133 | 164             |
| 4             | 128 | 137 | 146 | 156 | 166 | 179 | 183 | 190 | 177 | 173 | 169 | 168 | 168 | 167 | 166 | 170 | 169 | 170 | 166 | 157 | 147 | 144 | 129 | 123 | 160             |
| 5 D           | 125 | 140 | 147 | 150 | 159 | 180 | 194 | 192 | 203 | 199 | 197 | 190 | 178 | 182 | 185 | 183 | 178 | 173 | 168 | 165 | 160 | 151 | 143 | 128 | 170             |
| 6             | 137 | 140 | 146 | 151 | 155 | 164 | 172 | 183 | 183 | 182 | 189 | 191 | 190 | 189 | 177 | 164 | 163 | 168 | 167 | 164 | 156 | 146 | 145 | 143 | 165             |
| 7             | 139 | 143 | 144 | 149 | 161 | 171 | 178 | 186 | 184 | 183 | 181 | 180 | 174 | 172 | 169 | 165 | 166 | 169 | 168 | 161 | 148 | 135 | 128 | 131 | 162             |
| 8 D           | 130 | 131 | 139 | 151 | 158 | 172 | 202 | 224 | 196 | 226 | 243 | 232 | 227 | 167 | 153 | 139 | 140 | 97  | 76  | 42  | 81  | 95  | 128 | 143 | 154             |
| 9 Q           | 141 | 136 | 143 | 154 | 161 | 172 | 177 | 183 | 180 | 182 | 181 | 173 | 170 | 167 | 166 | 164 | 162 | 166 | 166 | 168 | 164 | 153 | 148 | 140 | 163             |
| 10            | 123 | 131 | 131 | 148 | 161 | 181 | 201 | 218 | 229 | 230 | 205 | 186 | 180 | 166 | 159 | 157 | 153 | 148 | 148 | 144 | 146 | 145 | 140 | 135 | 165             |
| 11            | 130 | 130 | 143 | 154 | 165 | 176 | 179 | 185 | 199 | 207 | 236 | 208 | 182 | 181 | 177 | 170 | 163 | 169 | 174 | 161 | 167 | 150 | 140 | 141 | 170             |
| 12            | 147 | 150 | 154 | 160 | 165 | 171 | 183 | 188 | 181 | 181 | 171 | 167 | 166 | 170 | 170 | 158 | 160 | 143 | 142 | 149 | 147 | 140 | 141 | 111 | 159             |
| 13            | 115 | 121 | 132 | 148 | 156 | 163 | 178 | 191 | 209 | 211 | 191 | 188 | 177 | 168 | 164 | 170 | 173 | 172 | 173 | 172 | 167 | 153 | 144 | 131 | 165             |
| 14 D          | 127 | 137 | 145 | 150 | 160 | 175 | 177 | 193 | 198 | 181 | 179 | 176 | 176 | 169 | 177 | 172 | 173 | 169 | 157 | 154 | 141 | 124 | 120 | 116 | 160             |
| 15            | 111 | 117 | 120 | 132 | 149 | 163 | 177 | 175 | 177 | 183 | 178 | 179 | 179 | 173 | 173 | 171 | 172 | 161 | 150 | 140 | 135 | 129 | 122 | 121 | 154             |
| 16 Q          | 127 | 132 | 137 | 150 | 158 | 165 | 172 | 181 | 182 | 174 | 169 | 169 | 167 | 167 | 167 | 168 | 169 | 171 | 169 | 166 | 152 | 142 | 128 | 122 | 159             |
| 17 Q          | 122 | 121 | 129 | 142 | 146 | 152 | 162 | 170 | 175 | 171 | 170 | 171 | 172 | 172 | 172 | 170 | 169 | 170 | 167 | 162 | 158 | 146 | 138 | 130 | 157             |
| 18            | 128 | 129 | 129 | 135 | 146 | 163 | 177 | 179 | 175 | 179 | 177 | 171 | 171 | 169 | 172 | 169 | 167 | 158 | 147 | 144 | 142 | 139 | 128 | 121 | 155             |
| 19            | 119 | 119 | 126 | 136 | 147 | 159 | 168 | 170 | 170 | 171 | 167 | 167 | 166 | 167 | 169 | 170 | 172 | 172 | 168 | 162 | 152 | 145 | 139 | 133 | 156             |
| 20            | 132 | 134 | 144 | 149 | 154 | 163 | 167 | 171 | 174 | 181 | 184 | 183 | 178 | 174 | 170 | 169 | 168 | 165 | 160 | 159 | 158 | 155 | 145 | 142 | 162             |
| 21            | 135 | 131 | 138 | 142 | 150 | 168 | 176 | 179 | 186 | 183 | 175 | 172 | 171 | 169 | 170 | 171 | 172 | 171 | 171 | 169 | 167 | 154 | 144 | 135 | 162             |
| 22            | 133 | 132 | 131 | 140 | 152 | 168 | 176 | 181 | 180 | 182 | 175 | 171 | 174 | 172 | 171 | 169 | 166 | 163 | 160 | 155 | 147 | 144 | 139 | 133 | 159             |
| 23 D          | 131 | 132 | 138 | 146 | 161 | 173 | 173 | 181 | 180 | 176 | 172 | 169 | 169 | 186 | 161 | 169 | 170 | 163 | 141 | 108 | 102 | 93  | 96  | 87  | 149             |
| 24            | 101 | 125 | 133 | 146 | 169 | 188 | 178 | 169 | 174 | 176 | 174 | 170 | 166 | 165 | 166 | 164 | 164 | 161 | 160 | 154 | 148 | 138 | 132 | 129 | 156             |
| 25 Q          | 123 | 123 | 135 | 147 | 157 | 166 | 174 | 177 | 176 | 171 | 167 | 166 | 166 | 167 | 167 | 166 | 164 | 162 | 161 | 161 | 157 | 148 | 136 | 120 | 157             |
| 26 D          | 125 | 133 | 136 | 152 | 169 | 182 | 199 | 216 | 234 | 246 | 247 | 206 | 185 | 143 | 150 | 147 | 100 | 94  | 78  | 78  | 91  | 110 | 122 | 114 | 152             |
| 27            | 122 | 131 | 143 | 150 | 158 | 168 | 179 | 188 | 197 | 187 | 177 | 175 | 172 | 172 | 166 | 165 | 166 | 161 | 149 | 149 | 149 | 144 | 136 | 129 | 160             |
| 28            | 132 | 133 | 136 | 154 | 167 | 164 | 169 | 178 | 180 | 179 | 175 | 177 | 174 | 173 | 170 | 166 | 161 | 162 | 160 | 154 | 145 | 140 | 135 | 127 | 159             |
| 29            | 114 | 109 | 127 | 142 | 155 | 169 | 189 | 209 | 195 | 183 | 177 | 175 | 176 | 174 | 170 | 169 | 169 | 169 | 171 | 168 | 163 | 154 | 148 | 142 | 163             |
| 30 Q          | 137 | 133 | 137 | 149 | 159 | 168 | 175 | 174 | 173 | 181 | 181 | 178 | 175 | 173 | 171 | 169 | 169 | 171 | 170 | 168 | 164 | 157 | 148 | 134 | 163             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 128 | 131 | 138 | 148 | 158 | 170 | 180 | 187 | 188 | 187 | 184 | 180 | 176 | 171 | 169 | 166 | 164 | 161 | 156 | 150 | 147 | 140 | 135 | 129 | 160             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 130 | 129 | 136 | 148 | 156 | 165 | 172 | 177 | 177 | 176 | 174 | 171 | 170 | 169 | 169 | 167 | 167 | 168 | 167 | 165 | 159 | 149 | 140 | 129 | 160             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 128 | 135 | 141 | 150 | 161 | 176 | 189 | 201 | 202 | 206 | 208 | 195 | 187 | 169 | 165 | 162 | 152 | 130 | 124 | 109 | 115 | 115 | 122 | 118 | 157             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ИЮЛЬ 2000 года  
JULY 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGRES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |      |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|------|
| 1             | -305 | -358 | -421 | -410 | -398 | -386 | -368 | -341 | -323 | -289 | -287 | -294 | -299 | -298 | -296 | -287 | -272 | -259 | -248 | -232 | -212 | -231 | -250 | -277 | -306            |      |
| 2 Q           | -323 | -364 | -404 | -418 | -417 | -396 | -363 | -323 | -298 | -289 | -290 | -300 | -305 | -305 | -303 | -296 | -283 | -255 | -247 | -231 | -201 | -198 | -210 | -232 | -302            |      |
| 3             | -292 | -345 | -402 | -407 | -398 | -382 | -362 | -332 | -313 | -285 | -269 | -281 | -288 | -303 | -313 | -309 | -290 | -274 | -251 | -239 | -215 | -205 | -232 | -287 | -303            |      |
| 4             | -345 | -372 | -404 | -418 | -408 | -390 | -362 | -332 | -314 | -304 | -294 | -290 | -301 | -294 | -294 | -291 | -276 | -250 | -251 | -237 | -212 | -208 | -238 | -282 | -307            |      |
| 5             | -323 | -369 | -375 | -376 | -386 | -373 | -351 | -336 | -322 | -313 | -277 | -263 | -263 | -291 | -315 | -289 | -306 | -287 | -270 | -254 | -241 | -237 | -244 | -272 | -306            |      |
| 6 Q           | -313 | -350 | -391 | -414 | -404 | -380 | -347 | -323 | -295 | -295 | -304 | -296 | -296 | -292 | -300 | -313 | -304 | -296 | -270 | -271 | -253 | -246 | -241 | -258 | -310            |      |
| 7 Q           | -309 | -353 | -372 | -402 | -404 | -390 | -372 | -337 | -305 | -277 | -290 | -294 | -300 | -309 | -309 | -287 | -273 | -258 | -244 | -227 | -242 | -250 | -250 | -258 | -305            |      |
| 8             | -313 | -342 | -373 | -404 | -403 | -390 | -376 | -339 | -313 | -307 | -308 | -299 | -299 | -308 | -314 | -309 | -303 | -280 | -263 | -245 | -250 | -250 | -264 | -290 | -314            |      |
| 9             | -337 | -367 | -380 | -376 | -377 | -371 | -344 | -307 | -313 | -296 | -299 | -308 | -309 | -299 | -313 | -309 | -299 | -283 | -287 | -276 | -261 | -254 | -250 | -287 | -313            |      |
| 10            | -307 | -349 | -379 | -399 | -401 | -385 | -351 | -327 | -341 | -304 | -309 | -304 | -298 | -308 | -299 | -311 | -288 | -276 | -250 | -213 | -229 | -236 | -253 | -277 | -308            |      |
| 11 D          | -305 | -344 | -380 | -301 | -410 | -399 | -396 | -367 | -319 | -318 | -268 | -281 | -206 | -263 | -279 | 300  | -292 | -289 | -297 | -292 | -285 | -353 | -327 | -288 | 9999            |      |
| 12            | -376 | -404 | -386 | -394 | -391 | -382 | -351 | -317 | -290 | -282 | -285 | -287 | -304 | -309 | -309 | -305 | -290 | -273 | -264 | -251 | -238 | -227 | -256 | -297 | -308            |      |
| 13            | -325 | -352 | -370 | -384 | -387 | -386 | -362 | -313 | -318 | -292 | -227 | -327 | -286 | -329 | -322 | -251 | -292 | -308 | -298 | -273 | -263 | -274 | -291 | -312 | 9999            |      |
| 14 D          | -375 | -407 | -403 | -399 | -417 | -402 | -401 | -346 | -312 | -288 | -181 | -293 | -298 | -364 | -336 | -355 | -257 | -403 | -163 | -174 | -165 | -203 | -176 | -257 | -343            |      |
| 15 D          | -334 | -400 | -435 | -440 | -419 | -374 | -348 | -317 | -278 | -289 | -303 | -226 | -317 | -347 | 9999 | -352 | -283 | 9999 | 9999 | 9999 | 9999 | 9999 | 9999 | 9999 | 9999            |      |
| 16 D          | 9999 | 9999 | 9999 | 9999 | 9999 | 9999 | 9999 | -431 | -388 | -368 | -366 | -351 | -351 | -354 | -372 | -382 | -386 | -385 | -367 | -340 | -316 | -302 | -297 | -292 | -302            | 9999 |
| 17            | 9999 | -416 | -448 | -447 | -423 | -389 | -368 | -356 | -344 | -340 | -340 | -354 | -354 | -348 | -338 | -329 | -309 | -289 | -268 | -253 | -245 | -250 | -269 | -312 | -330            |      |
| 18            | -352 | -396 | -425 | -439 | -425 | -411 | -373 | -344 | -329 | -327 | -334 | -326 | -321 | -327 | -324 | -327 | -318 | -262 | -226 | -216 | -224 | -257 | -281 | -331 | -329            |      |
| 19            | -346 | -409 | -425 | -433 | -424 | -396 | -365 | -354 | -322 | -312 | -307 | -317 | -321 | -323 | -326 | -309 | -285 | -250 | -228 | -205 | -180 | -173 | -208 | -284 | -313            |      |
| 20 D          | -310 | -322 | -387 | -442 | -430 | -410 | -333 | -367 | -346 | -346 | -272 | -299 | -307 | -327 | -364 | -359 | -351 | -328 | -297 | -268 | -254 | -276 | -285 | -295 | -332            |      |
| 21            | -359 | -403 | -425 | -444 | -439 | -407 | -362 | -330 | -318 | -315 | -312 | -305 | -325 | -333 | -337 | -331 | -323 | -305 | -275 | -250 | -245 | -258 | -287 | -328 | -334            |      |
| 22            | -378 | -406 | -424 | -425 | -408 | -389 | -367 | -341 | -333 | -324 | -283 | -264 | -326 | -341 | -326 | -319 | -278 | -244 | -231 | -286 | -282 | -280 | -274 | -291 | -326            |      |
| 23            | -336 | -371 | -401 | -417 | -421 | -414 | -371 | -344 | -327 | -323 | -318 | -323 | -314 | -317 | -327 | -301 | -303 | -233 | -212 | -205 | -270 | -281 | -313 | -318 | -327            |      |
| 24 Q          | -356 | -416 | -440 | -444 | -424 | -388 | -361 | -331 | -318 | -327 | -327 | -325 | -330 | -331 | -328 | -318 | -305 | -289 | -273 | -252 | -243 | -251 | -268 | -295 | -331            |      |
| 25 Q          | -318 | -342 | -363 | -382 | -391 | -381 | -361 | -349 | -332 | -317 | -318 | -318 | -315 | -316 | -315 | -305 | -294 | -277 | -251 | -260 | -265 | -275 | -275 | -270 | -316            |      |
| 26            | -350 | -368 | -375 | -390 | -401 | -389 | -376 | -399 | -368 | -384 | -352 | -328 | -330 | -372 | -362 | -310 | -295 | -272 | -228 | -219 | -231 | -240 | -240 | -334 | -330            |      |
| 27            | 9999 | -424 | -450 | -430 | -415 | -388 | -343 | -323 | -314 | -318 | -325 | -329 | -329 | -327 | -320 | -310 | -290 | -280 | -261 | -251 | -247 | -278 | -290 | -305 | -328            |      |
| 28            | -338 | -381 | -393 | -408 | -410 | -400 | -368 | -350 | -369 | -354 | -325 | -321 | -285 | -281 | -349 | -310 | -291 | -246 | -224 | -219 | -219 | -255 | -277 | -305 | -320            |      |
| 29            | -345 | -353 | -411 | -390 | -400 | -419 | -424 | -395 | -353 | -382 | -323 | -323 | -355 | -289 | -321 | -292 | -300 | -287 | -252 | -254 | -250 | -271 | -308 | -331 | -335            |      |
| 30            | -358 | -388 | -415 | -448 | -425 | -385 | -352 | -329 | -317 | -320 | -324 | -311 | -310 | -303 | -287 | -302 | -302 | -287 | -274 | -256 | -248 | -235 | -248 | -290 | -321            |      |
| 31            | -343 | -378 | -409 | -419 | -424 | -395 | -360 | -340 | -300 | -277 | -318 | -317 | -320 | -329 | -320 | -319 | -288 | -256 | -222 | -197 | -195 | -227 | -295 | -329 | -316            |      |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |      |
| ПО ВСЕМ ДНЯМ  | -335 | -375 | -402 | -413 | -409 | -393 | -365 | -341 | -323 | -314 | -301 | -305 | -312 | -318 | -321 | -313 | -297 | -231 | -255 | -246 | -239 | -249 | -263 | -294 | -319            |      |
| Q СРЕДНЕЕ     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |      |
| ПО СПОК. ДНЯМ | -324 | -365 | -394 | -412 | -408 | -387 | -361 | -333 | -310 | -301 | -306 | -307 | -309 | -311 | -311 | -304 | -292 | -275 | -257 | -248 | -241 | -244 | -249 | -263 | -313            |      |
| Q СРЕДНЕЕ     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |      |
| ПО ВОЗМ. ДНЯМ | -331 | -368 | -401 | -415 | -419 | -403 | -373 | -353 | -324 | -318 | -275 | -291 | -316 | -337 | -341 | -350 | -310 | -340 | -268 | -259 | -250 | -281 | -273 | -292 | -329            |      |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGRE

ИЮЛЬ 2000 года  
JULY 2000 year

ВРЕМЯ МИРОВОГО  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ H В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ    | 1    | 2    | 3   | 4  | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23  | 24  | СРЕДНЕЕ<br>MEAN |    |
|----------------|------|------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----------------|----|
| 1              | 36   | 38   | 54  | 78 | 91  | 99  | 103 | 107 | 101 | 101 | 104 | 101 | 101 | 101 | 99  | 104 | 105 | 104 | 99  | 93  | 87 | 70 | 52  | 42  | 96              |    |
| 2 Q            | 34   | 40   | 50  | 69 | 89  | 97  | 99  | 103 | 101 | 97  | 97  | 95  | 95  | 95  | 93  | 91  | 93  | 100 | 97  | 89  | 73 | 65 | 48  | 40  | 82              |    |
| 3              | 23   | 29   | 42  | 56 | 77  | 85  | 99  | 105 | 104 | 104 | 103 | 114 | 106 | 97  | 103 | 102 | 98  | 92  | 87  | 83  | 72 | 56 | 40  | 32  | 90              |    |
| 4              | 42   | 54   | 54  | 64 | 81  | 97  | 105 | 109 | 108 | 107 | 115 | 107 | 107 | 120 | 107 | 101 | 107 | 104 | 100 | 93  | 81 | 64 | 56  | 40  | 88              |    |
| 5              | 44   | 64   | 80  | 85 | 91  | 99  | 104 | 103 | 113 | 102 | 112 | 95  | 101 | 95  | 87  | 99  | 95  | 93  | 87  | 82  | 74 | 62 | 52  | 42  | 85              |    |
| 6 Q            | 32   | 38   | 50  | 68 | 89  | 99  | 105 | 99  | 103 | 99  | 95  | 97  | 99  | 99  | 101 | 103 | 105 | 103 | 97  | 89  | 88 | 85 | 68  | 48  | 80              |    |
| 7 Q            | 32   | 30   | 35  | 50 | 73  | 95  | 95  | 109 | 103 | 103 | 100 | 104 | 102 | 103 | 101 | 97  | 91  | 91  | 91  | 85  | 83 | 72 | 63  | 52  | 82              |    |
| 8              | 39   | 40   | 45  | 60 | 77  | 99  | 105 | 112 | 107 | 101 | 95  | 100 | 101 | 99  | 107 | 105 | 99  | 103 | 95  | 80  | 75 | 64 | 56  | 50  | 84              |    |
| 9              | 44   | 42   | 48  | 63 | 75  | 87  | 97  | 95  | 99  | 99  | 97  | 95  | 101 | 99  | 99  | 97  | 97  | 95  | 99  | 93  | 88 | 75 | 56  | 48  | 83              |    |
| 10             | 40   | 46   | 50  | 64 | 79  | 93  | 120 | 146 | 95  | 97  | 105 | 101 | 103 | 113 | 113 | 117 | 112 | 117 | 110 | 85  | 79 | 80 | 87  | 72  | 93              |    |
| 11 D           | 61   | 63   | 63  | 90 | 100 | 131 | 114 | 110 | 129 | 126 | 126 | 122 | 142 | 130 | 130 | 111 | 102 | 100 | 96  | 77  | 84 | 91 | 73  | 86  | 102             |    |
| 12             | 54   | 68   | 56  | 48 | 56  | 71  | 83  | 87  | 95  | 114 | 105 | 95  | 91  | 90  | 91  | 93  | 100 | 97  | 88  | 82  | 73 | 64 | 50  | 41  | 79              |    |
| 13             | 38   | 36   | 33  | 50 | 67  | 80  | 94  | 112 | 89  | 119 | 107 | 149 | 168 | 110 | 115 | 98  | 105 | 103 | 97  | 81  | 64 | 48 | 39  | 25  | 88              |    |
| 14 D           | 11   | 17   | 30  | 52 | 54  | 33  | 54  | 63  | 91  | 97  | 142 | 114 | 89  | 95  | 95  | 115 | 95  | 108 | 54  | 84  | 39 | 28 | 13  | 20  | 70              |    |
| 15 D           | 22   | 35   | 38  | 41 | 43  | 76  | 80  | 132 | 130 | 121 | 113 | 94  | 92  | 71  | 116 | 111 | 84  | 63  | 39  | 110 | 99 | 99 | 99  | 99  | 99              | 70 |
| 16 D           | -143 | -109 | 75  | 77 | -21 | 25  | 17  | 32  | 13  | 12  | 23  | 32  | 39  | 35  | 28  | 24  | 28  | 30  | 26  | 20  | 0  | -6 | -16 | -26 | -2              |    |
| 17             | 9599 | 39   | -14 | 5  | 26  | 42  | 48  | 50  | 62  | 69  | 64  | 62  | 62  | 62  | 55  | 52  | 50  | 54  | 54  | 52  | 30 | 35 | 24  | 12  | 41              |    |
| 18             | 1    | 0    | 13  | 38 | 58  | 93  | 50  | 73  | 73  | 72  | 77  | 74  | 82  | 87  | 83  | 76  | 71  | 65  | 62  | 58  | 40 | 21 | 0   | 7   | 54              |    |
| 19             | -6   | 11   | 27  | 43 | 63  | 81  | 89  | 104 | 101 | 95  | 81  | 81  | 82  | 81  | 82  | 92  | 85  | 81  | 91  | 72  | 62 | 9  | 17  | 17  | 63              |    |
| 20 D           | 32   | 22   | -1  | 13 | 65  | 118 | 150 | 138 | 128 | 95  | 89  | 61  | 49  | 60  | 47  | 54  | 55  | 48  | 48  | 38  | 34 | 30 | 10  | -3  | 58              |    |
| 21             | -12  | -5   | 13  | 42 | 58  | 72  | 78  | 82  | 79  | 76  | 83  | 79  | 72  | 75  | 73  | 73  | 67  | 64  | 62  | 53  | 46 | 30 | 13  | -5  | 53              |    |
| 22             | -12  | -6   | 15  | 36 | 59  | 81  | 103 | 107 | 101 | 111 | 79  | 63  | 74  | 67  | 70  | 58  | 50  | 53  | 64  | 63  | 55 | 52 | 27  | 11  | 58              |    |
| 23             | 7    | 3    | 19  | 34 | 52  | 60  | 79  | 81  | 81  | 87  | 91  | 89  | 95  | 101 | 97  | 70  | 58  | 50  | 42  | 33  | 30 | 17 | 21  | 13  | 35              |    |
| 24 Q           | 11   | 8    | 19  | 31 | 50  | 70  | 74  | 70  | 75  | 73  | 75  | 77  | 70  | 70  | 73  | 67  | 65  | 62  | 58  | 54  | 42 | 28 | 19  | 14  | 53              |    |
| 25 Q           | 15   | 13   | 19  | 42 | 62  | 69  | 76  | 83  | 83  | 81  | 81  | 83  | 85  | 85  | 83  | 77  | 67  | 65  | 60  | 61  | 62 | 67 | 62  | 37  | 60              |    |
| 26             | 21   | 24   | 32  | 47 | 72  | 99  | 134 | 113 | 126 | 108 | 75  | 70  | 81  | 91  | 68  | 67  | 63  | 60  | 67  | 77  | 68 | 53 | 15  | 3   | 60              |    |
| 27             | 9999 | 17   | 27  | 41 | 60  | 63  | 70  | 72  | 74  | 77  | 81  | 77  | 74  | 74  | 72  | 71  | 68  | 65  | 60  | 66  | 54 | 48 | 53  | 50  | 62              |    |
| 28             | 34   | 28   | 38  | 50 | 72  | 77  | 122 | 109 | 71  | 64  | 91  | 89  | 95  | 90  | 107 | 70  | 57  | 76  | 83  | 76  | 54 | 52 | 44  | 30  | 71              |    |
| 29             | 31   | 21   | 38  | 74 | 89  | 96  | 109 | 68  | 89  | 129 | 121 | 63  | 75  | 104 | 89  | 81  | 69  | 70  | 62  | 48  | 44 | 27 | 26  | 35  | 69              |    |
| 30             | 26   | 30   | 31  | 38 | 63  | 70  | 53  | 81  | 75  | 77  | 81  | 85  | 73  | 79  | 73  | 66  | 65  | 71  | 69  | 60  | 56 | 48 | 40  | 32  | 62              |    |
| 31             | 37   | 36   | 52  | 63 | 79  | 70  | 68  | 95  | 87  | 91  | 79  | 72  | 72  | 73  | 60  | 65  | 68  | 63  | 67  | 54  | 62 | 37 | 46  | 42  | 65              |    |
| СРЕДНЕЕ        |      |      |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |     |                 |    |
| ПО ВСЕМ ДНЯМ   | 21   | 22   | 32  | 47 | 57  | 84  | 91  | 96  | 93  | 93  | 96  | 88  | 90  | 89  | 88  | 84  | 80  | 79  | 75  | 64  | 61 | 49 | 39  | 30  | 69              |    |
| Q -СРЕДНЕЕ     |      |      |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |     |                 |    |
| ПО СПЛОХ. ДНЯМ | 25   | 26   | 35  | 52 | 73  | 80  | 90  | 94  | 94  | 91  | 90  | 91  | 91  | 92  | 90  | 87  | 84  | 84  | 81  | 76  | 71 | 64 | 53  | 38  | 73              |    |
| D -СРЕДНЕЕ     |      |      |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |     |                 |    |
| ПО ВОЗМ. ДНЯМ  | -3   | 6    | 12  | 24 | 42  | 87  | 84  | 99  | 98  | 99  | 99  | 85  | 82  | 78  | 83  | 83  | 73  | 70  | 53  | 42  | 41 | 36 | 20  | 19  | 58              |    |

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

| ЧАСЫ<br>ДНИ | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----------------|
| 1           | 197  | 198 | 207 | 211 | 212 | 216 | 224 | 227 | 227 | 231 | 227 | 220 | 217 | 215 | 215 | 214 | 214 | 215 | 215 | 210 | 204  | 205  | 201  | 195  | 213             |
| 2 D         | 190  | 191 | 195 | 199 | 202 | 209 | 214 | 218 | 221 | 218 | 215 | 215 | 214 | 213 | 213 | 213 | 214 | 213 | 212 | 210 | 205  | 201  | 199  | 190  | 208             |
| 3           | 189  | 194 | 202 | 205 | 209 | 211 | 219 | 223 | 224 | 224 | 223 | 221 | 223 | 222 | 220 | 218 | 218 | 216 | 211 | 209 | 208  | 207  | 204  | 203  | 213             |
| 4           | 203  | 206 | 208 | 209 | 213 | 220 | 219 | 219 | 218 | 218 | 218 | 217 | 217 | 216 | 216 | 217 | 217 | 216 | 212 | 210 | 212  | 209  | 212  | 211  | 214             |
| 5           | 206  | 196 | 187 | 185 | 190 | 200 | 211 | 222 | 232 | 236 | 231 | 223 | 220 | 218 | 210 | 211 | 217 | 220 | 220 | 220 | 220  | 216  | 211  | 208  | 213             |
| 6 Q         | 209  | 211 | 210 | 208 | 212 | 215 | 220 | 223 | 227 | 227 | 223 | 221 | 219 | 218 | 218 | 217 | 217 | 216 | 216 | 212 | 212  | 214  | 212  | 209  | 216             |
| 7 Q         | 201  | 200 | 199 | 207 | 217 | 222 | 226 | 229 | 231 | 229 | 222 | 217 | 214 | 213 | 213 | 212 | 213 | 214 | 213 | 207 | 202  | 195  | 189  | 188  | 211             |
| 8           | 195  | 199 | 203 | 208 | 214 | 222 | 225 | 225 | 224 | 221 | 217 | 216 | 216 | 216 | 216 | 212 | 216 | 219 | 216 | 213 | 214  | 214  | 212  | 205  | 214             |
| 9           | 202  | 202 | 203 | 205 | 210 | 214 | 219 | 223 | 225 | 224 | 222 | 220 | 217 | 216 | 215 | 215 | 215 | 214 | 212 | 210 | 205  | 198  | 198  | 205  | 212             |
| 10          | 205  | 208 | 208 | 204 | 208 | 216 | 228 | 250 | 256 | 250 | 232 | 224 | 220 | 217 | 215 | 214 | 214 | 214 | 214 | 210 | 206  | 201  | 202  | 204  | 218             |
| 11 D        | 200  | 203 | 204 | 201 | 205 | 216 | 224 | 236 | 246 | 246 | 244 | 242 | 236 | 227 | 221 | 221 | 227 | 227 | 224 | 215 | 193  | 179  | 184  | 184  | 9999            |
| 12          | 182  | 190 | 194 | 200 | 208 | 219 | 224 | 226 | 224 | 222 | 218 | 217 | 214 | 214 | 214 | 214 | 216 | 217 | 214 | 211 | 210  | 203  | 204  | 206  | 212             |
| 13          | 204  | 204 | 202 | 208 | 218 | 221 | 227 | 237 | 233 | 233 | 245 | 258 | 267 | 252 | 255 | 209 | 230 | 237 | 239 | 233 | 230  | 224  | 212  | 208  | 9999            |
| 14 D        | 209  | 210 | 210 | 208 | 214 | 232 | 237 | 241 | 240 | 237 | 253 | 241 | 234 | 216 | 210 | 209 | 189 | 162 | 97  | 134 | 135  | 166  | 183  | 193  | 223             |
| 15 D        | 203  | 206 | 203 | 211 | 224 | 233 | 234 | 244 | 264 | 281 | 289 | 286 | 255 | 237 | 159 | 155 | 156 | 26  | 109 | 149 | 9999 | 9999 | 9999 | 9999 | 9999            |
| 16 D        | 196  | 255 | 270 | 270 | 289 | 295 | 287 | 277 | 265 | 261 | 270 | 267 | 261 | 252 | 249 | 247 | 246 | 248 | 249 | 250 | 249  | 245  | 240  | 245  | 9999            |
| 17          | 9999 | 250 | 254 | 257 | 261 | 264 | 259 | 251 | 244 | 244 | 241 | 239 | 238 | 238 | 238 | 238 | 237 | 238 | 237 | 234 | 233  | 232  | 233  | 232  | 243             |
| 18          | 227  | 225 | 227 | 236 | 243 | 245 | 241 | 242 | 238 | 236 | 233 | 233 | 234 | 233 | 234 | 230 | 224 | 221 | 223 | 224 | 227  | 224  | 211  | 201  | 230             |
| 19          | 199  | 218 | 233 | 236 | 229 | 227 | 230 | 2   |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |                 |

JULY 2000 year

ШИРОТА 60.12                    ДЛГОТА 151.02    ГРАДУСОВ  
LATITUDE 60.12                LONGITUDE 151.02    DEGRRE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ B В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

[illegible]

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MACADAN

АВГУСТ 2000 года  
AUGUST 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGREE +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ЛИИ   | 1        | 2     | 3     | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|----------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -355     | -377  | -400  | -400 | -406 | -385 | -346 | -318 | -307 | -292 | -283 | -318 | -316 | -306 | -307 | -306 | -260 | -264 | -256 | -250 | -255 | -278 | -300 | -327 | -318            |
| 2             | -396     | -389  | -405  | -430 | -439 | -417 | -373 | -341 | -310 | -298 | -267 | -297 | -316 | -332 | -332 | -333 | -325 | -318 | -291 | -256 | -248 | -246 | -278 | -305 | -331            |
| 3             | -382     | -389  | -424  | -430 | -421 | -384 | -349 | -330 | -304 | -270 | -305 | -309 | -311 | -307 | -305 | -312 | -302 | -303 | -277 | -246 | -241 | -247 | -264 | -287 | -321            |
| 4             | -306     | -373  | -404  | -434 | -427 | -402 | -372 | -340 | -315 | -279 | -318 | -319 | -281 | -271 | -321 | -324 | -304 | -323 | -302 | -266 | -256 | -271 | -302 | -345 | -328            |
| 5 D           | -377     | -371  | -411  | -416 | -407 | -380 | -349 | -329 | -276 | -334 | -351 | -330 | -309 | -404 | -297 | -305 | -267 | -333 | -267 | -253 | -255 | -280 | -306 | -306 | -331            |
| 6             | -348     | -354  | -385  | -424 | -410 | -414 | -371 | -334 | -314 | -294 | -295 | -302 | -315 | -317 | -338 | -321 | -318 | -310 | -286 | -273 | -274 | -292 | -297 | -316 | 9999            |
| 7             | 99999999 | 99999 | 99999 | -390 | -387 | -372 | -345 | -322 | -300 | -313 | -296 | -298 | -307 | -327 | -325 | -319 | -318 | -311 | -304 | -291 | -259 | -250 | -270 | -309 | -315            |
| 8             | -332     | -363  | -381  | -391 | -391 | -373 | -352 | -319 | -277 | -297 | -301 | -299 | -305 | -313 | -317 | -313 | -323 | -291 | -275 | -255 | -241 | -228 | -251 | -269 | -311            |
| 9             | -323     | -347  | -372  | -380 | -380 | -363 | -340 | -314 | -295 | -304 | -313 | -314 | -309 | -303 | -304 | -305 | -303 | -301 | -278 | -264 | -259 | -260 | -282 | -301 | -313            |
| 10            | -336     | -359  | -381  | -377 | -392 | -381 | -364 | -400 | -345 | -310 | -304 | -318 | -287 | -306 | -302 | -302 | -313 | -309 | -278 | -269 | -278 | -336 | -389 | -456 | -337            |
| 11 D          | -382     | -410  | -401  | -424 | -400 | -363 | -373 | -338 | -288 | -293 | -296 | -297 | -333 | -327 | -334 | -332 | -349 | -343 | -310 | -282 | -257 | -268 | -340 | -358 | -337            |
| 12 D          | -349     | -405  | -380  | -352 | -421 | -409 | -352 | -391 | -386 | -404 | -340 | -342 | -350 | -431 | -437 | -421 | -354 | -388 | -278 | -262 | -255 | -260 | -291 | -319 | -359            |
| 13            | -335     | -333  | -333  | -337 | -341 | -335 | -344 | -346 | -347 | -345 | -345 | -341 | -341 | -332 | -326 | -313 | -300 | -286 | -264 | -255 | -247 | -261 | -277 | -334 | -317            |
| 14            | -358     | -386  | -395  | -400 | -382 | -372 | -350 | -336 | -330 | -327 | -327 | -324 | -321 | -324 | -314 | -290 | -311 | -280 | -295 | -261 | -212 | -219 | -218 | -288 | -317            |
| 15            | -351     | -358  | -373  | -387 | -395 | -359 | -345 | -335 | -322 | -292 | -252 | -260 | -310 | -323 | -321 | -314 | -309 | -300 | -269 | -250 | -241 | -250 | -264 | -278 | -311            |
| 16            | -328     | -382  | -405  | -424 | -414 | -386 | -345 | -320 | -291 | -291 | -296 | -301 | -291 | -321 | -308 | -309 | -310 | -296 | -277 | -250 | -247 | -248 | -274 | -300 | -318            |
| 17            | -331     | -364  | -384  | -411 | -403 | -384 | -345 | -331 | -318 | -264 | -283 | -307 | -318 | -318 | -314 | -311 | -304 | -291 | -282 | -250 | -228 | -233 | -264 | -301 | -314            |
| 18 Q          | -346     | -377  | -395  | -394 | -381 | -354 | -328 | -309 | -299 | -300 | -305 | -310 | -309 | -305 | -300 | -296 | -287 | -282 | -265 | -252 | -232 | -236 | -260 | -296 | -309            |
| 19 Q          | -343     | -370  | -387  | -387 | -386 | -370 | -349 | -332 | -313 | -311 | -313 | -316 | -313 | -309 | -301 | -292 | -278 | -273 | -269 | -262 | -245 | -255 | -275 | -322 | -316            |
| 20            | -340     | -354  | -372  | -373 | -365 | -355 | -340 | -323 | -313 | -309 | -300 | -310 | -309 | -308 | -301 | -300 | -273 | -266 | -252 | -237 | -215 | -227 | -251 | -274 | -303            |
| 21            | -325     | -358  | -371  | -417 | -422 | -399 | -368 | -345 | -309 | -266 | -282 | -265 | -295 | -304 | -296 | -305 | -295 | -273 | -274 | -255 | -250 | -264 | -310 | -337 | -317            |
| 22 Q          | -363     | -383  | -397  | -398 | -402 | -382 | -349 | -322 | -307 | -309 | -307 | -310 | -307 | -306 | -305 | -297 | -291 | -280 | -278 | -269 | -264 | -264 | -264 | -281 | -319            |
| 23            | -307     | -341  | -355  | -363 | -361 | -350 | -335 | -318 | -310 | -318 | -333 | -350 | -302 | -285 | -282 | -282 | -282 | -283 | -300 | -294 | -268 | -260 | -264 | -292 | -310            |
| 24            | -340     | -354  | -363  | -373 | -368 | -359 | -346 | -335 | -323 | -311 | -309 | -313 | -310 | -309 | -309 | -296 | -287 | -280 | -273 | -264 | -255 | -261 | -287 | -309 | -314            |
| 25 Q          | -342     | -361  | -372  | -377 | -359 | -333 | -314 | -309 | -310 | -317 | -311 | -311 | -310 | -308 | -305 | -302 | -291 | -280 | -274 | -268 | -264 | -262 | -277 | -289 | -310            |
| 26 Q          | -332     | -345  | -356  | -363 | -364 | -363 | -355 | -336 | -323 | -337 | -332 | -313 | -305 | -296 | -305 | -307 | -309 | -295 | -287 | -269 | -261 | -260 | -273 | -291 | -316            |
| 27            | -317     | -355  | -354  | -354 | -345 | -331 | -324 | -313 | -304 | -305 | -304 | -300 | -301 | -305 | -278 | -277 | -283 | -264 | -255 | -242 | -224 | -225 | -248 | -286 | -296            |
| 28 D          | -337     | -364  | -377  | -363 | -342 | -327 | -313 | -303 | -301 | -268 | -292 | -309 | -269 | -290 | -286 | -292 | -273 | -373 | -203 | -205 | -224 | -267 | -343 | -332 | -305            |
| 29 D          | -490     | -453  | -435  | -417 | -400 | -384 | -368 | -350 | -307 | -224 | -323 | -250 | -318 | -334 | -323 | -334 | -334 | -304 | -330 | -264 | -264 | -264 | -300 | -352 | -338            |
| 30            | -371     | -435  | -422  | -395 | -367 | -331 | -310 | -283 | -283 | -251 | -289 | -313 | -304 | -287 | -296 | -310 | -296 | -291 | -273 | -259 | -255 | -278 | -291 | -311 | -313            |
| 31            | -345     | -361  | -396  | -391 | -363 | -340 | -322 | -308 | -292 | -255 | -214 | -305 | -310 | -304 | -291 | -302 | -304 | -264 | -252 | -273 | -268 | -274 | -327 | -310 | -307            |
| СРЕДНЕЕ       |          |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -350     | -373  | -387  | -393 | -388 | -370 | -348 | -331 | -310 | -300 | -303 | -309 | -309 | -317 | -312 | -310 | -302 | -299 | -277 | -259 | -250 | -259 | -285 | -314 | -319            |
| СРЕДНЕЕ       |          |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -345     | -368  | -381  | -384 | -378 | -360 | -339 | -322 | -311 | -315 | -314 | -312 | -307 | -305 | -303 | -299 | -291 | -283 | -275 | -264 | -253 | -255 | -270 | -296 | -314            |
| СРЕДНЕЕ       |          |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -387     | -405  | -401  | -394 | -394 | -373 | -359 | -343 | -312 | -305 | -320 | -306 | -316 | -327 | -335 | -337 | -315 | -348 | -278 | -253 | -251 | -268 | -316 | -343 | -334            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

АВГУСТ 2000 года  
AUGUST 2000 year

ШИРОТА 60.12 ДЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ H В НАНОТЕСЛАХ=17500: ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500: TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4  | 5   | 6   | 7   | 8  | 9   | 10  | 11  | 12 | 13 | 14  | 15  | 16 | 17 | 18  | 19  | 20  | 21  | 22 | 23 | 24  | СРЕДНЕЕ<br>MEAN |    |
|---------------|-----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|----|----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|-----------------|----|
| 1             | 34  | 33  | 34  | 40 | 58  | 69  | 71  | 77 | 77  | 76  | 81  | 89 | 91 | 90  | 85  | 83 | 66 | 50  | 63  | 68  | 64  | 38 | 13 | -1  | 61              |    |
| 2             | 24  | 42  | 48  | 42 | 62  | 60  | 68  | 73 | 76  | 74  | 73  | 83 | 80 | 83  | 83  | 84 | 88 | 87  | 79  | 64  | 53  | 48 | 31 | 14  | 63              |    |
| 3             | 11  | 17  | 35  | 54 | 70  | 92  | 77  | 87 | 83  | 75  | 77  | 81 | 91 | 92  | 87  | 90 | 87 | 89  | 70  | 72  | 71  | 71 | 59 | 45  | 70              |    |
| 4             | 27  | 22  | 20  | 45 | 53  | 71  | 71  | 85 | 74  | 81  | 72  | 81 | 85 | 73  | 70  | 81 | 76 | 70  | 66  | 70  | 56  | 60 | 62 | 33  | 54              |    |
| 5 D           | 34  | 38  | 40  | 61 | 81  | 97  | 91  | 93 | 108 | 81  | 64  | 82 | 75 | 73  | 60  | 63 | 54 | 67  | 72  | 71  | 63  | 52 | 30 | -2  | 55              |    |
| 6             | 10  | 13  | 13  | 17 | 44  | 46  | 65  | 76 | 75  | 67  | 71  | 70 | 81 | 79  | 75  | 66 | 73 | 71  | 59  | 56  | 46  | 42 | 33 | 26  | 53              |    |
| 7             | 59  | 59  | 59  | 59 | 47  | 50  | 72  | 68 | 74  | 83  | 81  | 79 | 74 | 72  | 76  | 76 | 75 | 75  | 76  | 67  | 63  | 52 | 44 | 42  | 67              |    |
| 8             | 32  | 30  | 35  | 46 | 64  | 73  | 71  | 82 | 70  | 85  | 85  | 88 | 83 | 81  | 79  | 85 | 79 | 73  | 79  | 74  | 66  | 52 | 35 | 24  | 65              |    |
| 9             | 19  | 22  | 33  | 46 | 62  | 65  | 81  | 86 | 85  | 77  | 77  | 81 | 83 | 83  | 85  | 83 | 84 | 87  | 85  | 83  | 71  | 56 | 64 | 56  | 69              |    |
| 10            | 30  | 37  | 47  | 60 | 70  | 90  | 110 | 83 | 85  | 79  | 71  | 83 | 64 | 72  | 70  | 98 | 93 | 79  | 75  | 64  | 48  | 16 | -5 | -28 | 63              |    |
| 11 D          | 32  | -40 | -14 | -2 | 30  | 58  | 48  | 43 | 44  | 46  | 27  | 38 | 35 | 44  | 46  | 65 | 67 | 68  | 67  | 70  | 57  | 40 | 72 | 75  | 40              |    |
| 12 D          | 60  | 52  | 43  | 53 | -22 | -05 | 28  | 99 | 99  | 99  | 99  | 16 | 14 | -21 | -52 | 99 | 99 | -50 | -84 | -21 | -16 | 62 | 48 | 52  | 52              | 19 |
| 13            | 35  | 38  | 46  | 64 | 79  | 85  | 69  | 64 | 58  | 52  | 54  | 48 | 48 | 52  | 52  | 52 | 51 | 52  | 52  | 46  | 38  | 31 | 18 | 18  | 50              |    |
| 14            | 13  | 13  | 22  | 35 | 53  | 63  | 70  | 69 | 66  | 65  | 67  | 72 | 75 | 81  | 76  | 74 | 81 | 70  | 62  | 42  | 42  | 30 | 22 | 17  | 53              |    |
| 15            | 32  | 26  | 40  | 52 | 49  | 54  | 62  | 70 | 75  | 69  | 61  | 69 | 74 | 75  | 75  | 73 | 71 | 70  | 67  | 59  | 53  | 48 | 40 | 22  | 59              |    |
| 16            | 7   | 11  | 24  | 40 | 64  | 67  | 81  | 74 | 69  | 68  | 69  | 71 | 81 | 81  | 77  | 77 | 77 | 77  | 81  | 74  |     | 57 | 54 | 47  | 62              |    |
| 17            | 31  | 34  | 44  | 52 | 71  | 90  | 93  | 89 | 76  | 70  | 79  | 85 | 81 | 83  | 80  | 79 | 78 | 70  | 73  | 69  | 62  | 54 | 42 | 31  | 68              |    |
| 18 Q          | 24  | 31  | 44  | 59 | 79  | 88  | 90  | 86 | 85  | 82  | 84  | 84 | 84 | 85  | 85  | 84 | 80 | 76  | 75  | 73  | 60  | 44 | 38 | 33  | 69              |    |
| 19 Q          | 31  | 34  | 40  | 67 | 79  | 85  | 88  | 93 | 91  | 87  | 86  | 83 | 84 | 85  | 85  | 89 | 83 | 77  | 76  | 71  | 66  | 58 | 46 | 41  | 72              |    |
| 20            | 34  | 30  | 50  | 68 | 79  | 87  | 87  | 89 | 87  | 87  | 91  | 85 | 87 | 86  | 85  | 90 | 81 | 74  | 73  | 69  | 58  | 65 | 32 | 25  | 71              |    |
| 21            | 28  | 30  | 44  | 62 | 73  | 87  | 87  | 81 | 75  | 60  | 71  | 70 | 73 | 79  | 73  | 71 | 63 | 54  | 50  | 44  | 38  | 30 | 22 | 32  | 59              |    |
| 22 Q          | 29  | 30  | 34  | 45 | 68  | 76  | 83  | 89 | 85  | 83  | 81  | 81 | 81 | 81  | 83  | 83 | 81 | 80  | 80  | 77  | 67  | 57 | 50 | 48  | 69              |    |
| 23            | 48  | 48  | 54  | 62 | 74  | 80  | 84  | 90 | 97  | 97  | 99  | 77 | 50 | 66  | 81  | 93 | 91 | 81  | 62  | 56  | 48  | 44 | 38 | 26  | 69              |    |
| 24            | 17  | 24  | 42  | 62 | 75  | 69  | 68  | 73 | 76  | 89  | 89  | 89 | 89 | 83  | 81  | 77 | 73 | 81  | 71  | 65  | 60  | 51 | 48 | 40  | 67              |    |
| 25 Q          | 33  | 40  | 56  | 69 | 80  | 87  | 83  | 79 | 80  | 82  | 83  | 80 | 81 | 79  | 77  | 70 | 76 | 73  | 72  | 69  | 62  | 60 | 54 | 40  | 70              |    |
| 26 Q          | 35  | 52  | 64  | 74 | 84  | 95  | 88  | 85 | 81  | 72  | 69  | 76 | 76 | 70  | 75  | 77 | 75 | 72  | 73  | 69  | 67  | 58 | 52 | 44  | 70              |    |
| 27            | 38  | 45  | 56  | 66 | 77  | 83  | 85  | 77 | 81  | 81  | 85  | 85 | 80 | 89  | 97  | 75 | 75 | 80  | 79  | 71  | 68  | 60 | 50 | 42  | 72              |    |
| 28 D          | 42  | 10  | 62  | 79 | 89  | 91  | 87  | 91 | 95  | 103 | 107 | 70 | 68 | 50  | 60  | 76 | 76 | 72  | 28  | 56  | 52  | 32 | 18 | 7   | 65              |    |
| 29 D          | 5   | 33  | 30  | 40 | 48  | 70  | 37  | 44 | 54  | 52  | 70  | 68 | 79 | 73  | 77  | 58 | 67 | 70  | 56  | 44  | 44  | 30 | 13 | 3   | 50              |    |
| 30            | -17 | 17  | 33  | 58 | 71  | 83  | 77  | 68 | 71  | 63  | 80  | 71 | 70 | 79  | 88  | 79 | 77 | 79  | 75  | 65  | 52  | 42 | 36 | 34  | 61              |    |
| 31            | 33  | 25  | 28  | 54 | 78  | 89  | 89  | 83 | 60  | 68  | 61  | 68 | 70 | 67  | 69  | 65 | 73 | 64  | 60  | 60  | 57  | 45 | 30 | 28  | 60              |    |
| СРЕДНЕЕ       |     |     |     |    |     |     |     |    |     |     |     |    |    |     |     |    |    |     |     |     |     |    |    |     |                 |    |
| ПО ВСЕМ ДНЯМ  | 25  | 39  | 39  | 49 | 66  | 73  | 85  | 78 | 78  | 73  | 74  | 73 | 72 | 77  | 72  | 73 | 73 | 70  | 68  | 64  | 57  | 47 | 39 | 29  | 62              |    |
| Q - СРЕДНЕЕ   |     |     |     |    |     |     |     |    |     |     |     |    |    |     |     |    |    |     |     |     |     |    |    |     |                 |    |
| ПО СПОК. ДНЯМ | 31  | 37  | 49  | 63 | 79  | 83  | 80  | 86 | 84  | 81  | 81  | 81 | 81 | 80  | 81  | 82 | 79 | 76  | 75  | 72  | 64  | 55 | 48 | 41  | 70              |    |
| D - СРЕДНЕЕ   |     |     |     |    |     |     |     |    |     |     |     |    |    |     |     |    |    |     |     |     |     |    |    |     |                 |    |
| ПО ВСЕМ ДНЯМ  | 20  | 26  | 32  | 26 | 47  | 52  | 110 | 68 | 75  | 60  | 58  | 47 | 41 | 62  | 37  | 62 | 49 | 52  | 57  | 58  | 54  | 41 | 37 | 27  | 49              |    |

UNIVERSAL TIME

VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

ПО ВОЗМ. ДИЛЮ

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

[illegible]

ОСНОВНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

СЕНТЯБРЬ 2000 года  
SEPTEMBER 2000 year

ШИРОТА 50.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 50.12° LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGREES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -355 | -369 | -400 | -385 | -376 | -352 | -333 | -269 | -309 | -317 | -300 | -273 | -318 | -310 | -300 | -311 | -318 | -313 | -290 | -296 | -259 | -268 | -287 | -212 | -318            |
| 2             | -377 | -367 | -394 | 423  | -355 | -370 | -368 | -328 | -310 | -291 | -395 | -319 | -322 | -304 | -232 | -363 | -299 | -281 | -286 | -290 | -285 | -291 | -291 | -311 | -333            |
| 3             | -337 | -351 | -363 | -368 | -362 | -355 | -346 | -332 | -318 | -309 | -313 | -313 | -308 | -305 | -309 | -291 | -292 | -292 | -282 | -269 | -291 | -278 | -283 | -290 | -315            |
| 4             | -338 | -363 | -367 | -370 | -372 | -359 | -337 | -319 | -295 | -299 | -309 | -317 | -310 | -300 | -290 | -288 | -283 | -309 | -342 | -336 | -270 | -332 | -341 | -313 | -323            |
| 5             | -343 | -366 | -376 | -390 | -376 | -358 | -344 | -332 | -322 | -310 | -309 | -309 | -304 | -300 | -278 | -313 | -285 | -313 | -272 | -265 | -264 | -306 | -287 | -304 | -318            |
| 6             | -336 | -369 | -374 | -368 | -354 | -337 | -320 | -310 | -309 | -310 | -309 | -309 | -302 | -293 | -289 | -270 | -269 | -233 | -214 | -227 | -227 | -268 | -299 | -318 | -301            |
| 7             | -319 | -341 | -373 | -384 | -366 | -341 | -332 | -313 | -290 | -297 | -299 | -272 | -282 | -296 | -282 | -299 | -273 | -263 | -282 | -327 | -309 | -295 | -326 | -306 | -313            |
| 8             | -388 | -377 | -370 | -373 | -363 | -340 | -332 | -318 | -307 | -332 | -291 | -254 | -290 | -278 | -201 | -296 | -299 | -333 | -349 | -272 | -249 | -291 | -301 | -304 | -316            |
| 9             | -350 | -348 | -367 | -370 | -364 | -341 | -327 | -314 | -305 | -309 | -313 | -310 | -311 | -307 | -303 | -295 | -290 | -288 | -280 | -277 | -273 | -277 | -286 | -305 | -313            |
| 10            | -329 | -335 | -331 | -332 | -332 | -327 | -323 | -315 | -309 | -305 | -299 | -318 | -318 | -313 | -301 | -291 | -285 | -278 | -278 | -280 | -284 | -295 | -299 | -309 | -308            |
| 11            | -332 | -340 | -354 | -349 | -333 | -320 | -307 | -302 | -304 | -304 | -301 | -300 | -295 | -292 | -286 | -281 | -283 | -286 | -282 | -269 | -268 | -272 | -290 | -295 | -302            |
| 12            | -313 | -339 | -345 | -354 | -368 | -371 | -337 | -327 | -318 | -308 | -313 | -336 | -290 | -331 | -245 | -230 | -241 | -210 | -183 | -273 | -311 | -304 | -342 | -336 | -306            |
| 13            | -400 | -444 | -445 | -426 | 409  | -379 | -337 | -318 | -310 | -312 | -313 | -314 | -309 | -307 | -300 | -309 | -298 | -291 | -278 | -268 | -270 | -294 | -313 | -332 | -332            |
| 14            | -350 | -350 | -354 | -356 | -350 | -336 | -316 | -314 | -323 | -323 | -316 | -316 | -318 | -314 | -309 | -298 | -276 | -277 | -289 | -208 | -270 | -290 | -299 | -319 | -314            |
| 15            | -340 | -350 | -352 | -341 | -320 | -299 | -294 | -294 | -299 | -307 | -304 | -303 | -301 | -300 | -293 | -274 | -264 | -265 | -259 | -241 | -237 | -310 | -282 | -334 | -299            |
| 16            | -404 | -417 | -400 | -370 | -368 | -304 | -340 | -321 | -305 | -311 | -313 | -259 | -290 | -290 | -295 | -289 | -255 | -277 | -286 | -187 | -224 | -441 | -479 | -405 | -329            |
| 17            | -352 | -404 | -414 | 408  | -377 | -345 | -341 | -327 | -313 | -323 | -334 | -331 | -327 | -291 | -289 | -263 | -231 | -210 | -213 | -202 | -197 | -197 | -197 | -197 | -309            |
| 18            | -553 | -481 | -409 | -427 | -426 | 402  | -370 | -360 | -373 | -382 | -390 | -371 | -354 | -332 | -286 | -171 | -206 | -304 | -292 | -313 | -285 | -291 | -317 | -325 | -355            |
| 19            | -328 | -349 | -372 | -363 | -387 | -372 | -363 | -342 | -340 | -365 | -333 | -327 | -334 | -295 | -241 | -262 | -309 | -318 | -295 | -280 | -293 | -305 | -309 | -332 | -328            |
| 20            | -345 | -331 | -344 | -367 | -367 | -346 | -336 | -328 | -322 | -318 | -318 | -318 | -263 | -299 | -302 | -310 | -310 | -313 | -299 | -292 | -299 | -295 | -290 | -309 | -318            |
| 21            | -322 | -332 | -345 | -358 | -364 | -359 | -336 | -331 | -305 | -268 | -335 | -334 | -322 | -303 | -290 | -290 | -292 | -292 | -295 | -294 | -284 | -287 | -282 | -295 | -313            |
| 22            | -316 | -331 | -327 | -331 | -354 | -358 | -356 | -341 | -320 | -318 | -318 | -309 | -304 | -309 | -304 | -291 | -280 | -286 | -287 | -296 | -232 | -286 | -291 | -299 | -313            |
| 23            | -304 | -322 | -340 | -363 | -363 | -363 | -350 | -330 | -318 | -313 | -309 | -305 | -304 | -290 | -291 | -266 | -264 | -264 | -277 | -280 | -281 | -286 | -291 | -286 | -308            |
| 24            | -299 | -309 | -329 | -352 | -362 | -360 | -357 | -333 | -320 | -313 | -311 | -309 | -303 | -300 | -289 | -287 | -290 | -230 | -250 | -309 | -318 | -313 | -335 | -309 | -312            |
| 25            | -345 | -366 | -372 | -367 | -356 | -358 | -354 | -329 | -280 | -293 | -232 | -299 | -309 | -296 | -260 | -239 | -273 | -274 | -255 | -270 | -341 | -354 | -367 | -372 | -317            |
| 26            | -404 | 418  | 409  | -413 | -408 | -361 | -340 | -328 | -304 | -259 | -327 | -345 | -282 | -314 | -300 | -277 | -300 | -272 | -331 | -300 | -299 | -302 | -302 | -299 | 329             |
| 27            | -341 | -353 | -364 | -369 | -372 | -354 | -355 | -336 | -318 | -300 | -287 | -309 | -309 | -300 | -291 | -290 | -313 | -315 | -313 | -280 | -269 | -286 | -317 | -330 | -320            |
| 28            | -338 | -241 | -357 | -373 | -381 | -359 | -333 | -323 | -300 | -302 | -272 | -350 | -300 | -331 | -204 | -291 | -285 | -314 | -309 | -304 | -296 | -291 | -290 | -310 | -318            |
| 29            | -332 | -336 | -354 | -359 | -347 | -345 | -338 | -330 | -323 | -317 | -304 | -318 | -314 | -300 | -305 | -269 | -260 | -268 | -270 | -271 | -299 | -290 | -296 | -319 | -311            |
| 30            | -331 | -345 | -375 | -380 | -391 | -380 | -372 | -379 | -350 | -329 | -353 | -257 | -230 | -230 | -304 | -223 | -318 | -273 | -275 | -304 | -424 | -439 | -440 | -381 | -337            |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -351 | -362 | -360 | -374 | -369 | -355 | -340 | -325 | -315 | -311 | -316 | -311 | -304 | -301 | -290 | -282 | -284 | -282 | -280 | -279 | -282 | -305 | -315 | -322 | -318            |
| Q СРЕДНЕЕ     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -335 | -342 | -347 | -348 | -347 | -330 | -326 | -317 | -313 | -312 | -309 | -311 | -309 | -307 | -301 | -291 | -284 | -283 | -283 | -278 | -275 | -284 | -290 | -305 | -310            |
| D -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -394 | -399 | -394 | -392 | -390 | -372 | -356 | -347 | -338 | -342 | -345 | -317 | -307 | -289 | -283 | -242 | -280 | -276 | -272 | -258 | -265 | -269 | -386 | -361 | -333            |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

СЕНТЯБРЬ 2000 года  
SEPTEMBER 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСЫ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREES

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ И В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ    | 1   | 2   | 3  | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15  | 16 | 17 | 18  | 19  | 20  | 21               | 22 | 23  | 24 | СРЕДНЕЕ<br>MEAN |    |
|----------------|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|-----|----|----|-----|-----|-----|------------------|----|-----|----|-----------------|----|
| 1              | 27  | 26  | 38 | 58  | 70 | 80 | 71 | 78 | 71 | 72 | 77 | 68 | 72 | 76 | 75  | 72 | 72 | 71  | 60  | 44  | 51               | 41 | 29  | 10 | 59              |    |
| 2              | 11  | 21  | 26 | 52  | 82 | 89 | 95 | 59 | 70 | 76 | 64 | 40 | 50 | 48 | 62  | 53 | 67 | 56  | 58  | 60  | 52               | 41 | 32  | 40 | 55              |    |
| 3              | 43  | 49  | 60 | 70  | 83 | 83 | 87 | 84 | 81 | 79 | 77 | 78 | 80 | 79 | 79  | 78 | 75 | 77  | 74  | 70  | 55               | 60 | 54  | 32 | 71              |    |
| 4              | 20  | 23  | 38 | 54  | 67 | 80 | 86 | 85 | 72 | 68 | 71 | 80 | 80 | 80 | 88  | 83 | 81 | 79  | 84  | 62  | 65               | 45 | 42  | 29 | 65              |    |
| 5              | 20  | 24  | 30 | 40  | 58 | 60 | 72 | 78 | 62 | 79 | 79 | 78 | 78 | 77 | 78  | 74 | 75 | 81  | 71  | 64  | 62               | 58 | 47  | 37 | 63              |    |
| 6              | 37  | 43  | 50 | 68  | 77 | 82 | 79 | 80 | 81 | 82 | 84 | 85 | 84 | 82 | 89  | 90 | 84 | 113 | 103 | 101 | 80               | 60 | 55  | 44 | 77              |    |
| 7              | 30  | 43  | 39 | 46  | 51 | 64 | 64 | 72 | 60 | 58 | 61 | 62 | 64 | 68 | 72  | 70 | 66 | 50  | 68  | 70  | 60               | 50 | 44  | 43 | 58              |    |
| 8              | 48  | 50  | 49 | 54  | 60 | 60 | 64 | 65 | 68 | 75 | 40 | 41 | 49 | 52 | 54  | 48 | 64 | 64  | 72  | 53  | 47               | 40 | 27  | 27 | 55              |    |
| 9 D            | 54  | 50  | 50 | 58  | 70 | 76 | 82 | 82 | 83 | 82 | 79 | 80 | 79 | 82 | 80  | 76 | 74 | 73  | 72  | 68  | 60               | 52 | 46  | 40 | 69              |    |
| 10 D           | 50  | 60  | 68 | 72  | 74 | 76 | 82 | 83 | 85 | 89 | 93 | 81 | 77 | 79 | 80  | 81 | 82 | 79  | 78  | 74  | 60               | 58 | 54  | 51 | 74              |    |
| 11 D           | 54  | 62  | 70 | 84  | 87 | 86 | 87 | 83 | 83 | 84 | 67 | 88 | 88 | 90 | 93  | 92 | 91 | 93  | 92  | 85  | 78               | 73 | 74  | 77 | 83              |    |
| 12             | 70  | 79  | 82 | 85  | 84 | 87 | 80 | 93 | 93 | 91 | 59 | 47 | 45 | 29 | 27  | 31 | 13 | 22  | 25  | 22  | 19               | 11 | 28  | 21 | 52              |    |
| 13             | 13  | 13  | 45 | 62  | 65 | 81 | 77 | 80 | 80 | 76 | 76 | 72 | 76 | 77 | 74  | 76 | 73 | 73  | 72  | 68  | 62               | 54 | 49  | 51 | 65              |    |
| 14 D           | 53  | 55  | 61 | 72  | 79 | 71 | 75 | 71 | 69 | 68 | 71 | 76 | 76 | 77 | 80  | 80 | 76 | 68  | 68  | 64  | 60               | 54 | 48  | 40 | 67              |    |
| 15             | 43  | 52  | 63 | 72  | 81 | 90 | 92 | 90 | 90 | 83 | 87 | 90 | 91 | 92 | 89  | 83 | 79 | 79  | 77  | 73  | 59               | 56 | 60  | 45 | 76              |    |
| 16 D           | 58  | 62  | 58 | 67  | 72 | 72 | 72 | 75 | 74 | 82 | 84 | 75 | 58 | 56 | 60  | 62 | 63 | 48  | 61  | 58  | 50               | -3 | 19  | 66 | 60              |    |
| 17 D           | 20  | 34  | 30 | 31  | 56 | 74 | 78 | 71 | 60 | 72 | 72 | 70 | 79 | 55 | 62  | 74 | 75 | 72  | 80  | 78  | 2099999999999999 |    |     |    |                 | 61 |
| 18 D           | 100 | -40 | 24 | -12 | 11 | 31 | 29 | 46 | 45 | 56 | 52 | 51 | 40 | 40 | 48  | 86 | 11 | 31  | 29  | 13  | 17               | 21 | 9   | 11 | 21              |    |
| 19 D           | 15  | 15  | 12 | 31  | 43 | 50 | 50 | 68 | 75 | 64 | 58 | 54 | 31 | 31 | 17  | 25 | 23 | 30  | 32  | 33  | 33               | 28 | 25  | 23 | 37              |    |
| 20             | 9   | 19  | 21 | 28  | 14 | 38 | 54 | 60 | 63 | 62 | 62 | 65 | 72 | 55 | 50  | 54 | 56 | 56  | 56  | 50  | 58               | 50 | 45  | 38 | 48              |    |
| 21             | 32  | 23  | 29 | 30  | 43 | 52 | 64 | 70 | 75 | 69 | 58 | 60 | 68 | 66 | 66  | 62 | 60 | 60  | 57  | 61  | 58               | 61 | 52  | 43 | 56              |    |
| 22 D           | 39  | 37  | 36 | 47  | 60 | 60 | 74 | 74 | 79 | 77 | 75 | 76 | 74 | 72 | 74  | 74 | 68 | 58  | 50  | 65  | 63               | 60 | 50  | 43 | 63              |    |
| 23             | 38  | 35  | 32 | 42  | 40 | 61 | 68 | 78 | 77 | 74 | 74 | 75 | 70 | 70 | 74  | 79 | 74 | 68  | 66  | 60  | 64               | 64 | 62  | 54 | 63              |    |
| 24             | 45  | 40  | 38 | 41  | 52 | 70 | 77 | 80 | 79 | 70 | 78 | 80 | 77 | 80 | 81  | 79 | 87 | 87  | 64  | 75  | 60               | 62 | 50  | 60 | 67              |    |
| 25             | 29  | 21  | 24 | 33  | 40 | 59 | 60 | 63 | 60 | 72 | 54 | 72 | 66 | 74 | 67  | 56 | 56 | 51  | 58  | 64  | 45               | 49 | 48  | 37 | 53              |    |
| 26             | 0   | 19  | 15 | 17  | 42 | 51 | 51 | 66 | 54 | 54 | 55 | 50 | 50 | 50 | 39  | 46 | 58 | 47  | 55  | 64  | 60               | 41 | 47  | 32 | 45              |    |
| 27             | 31  | 30  | 35 | 44  | 60 | 63 | 67 | 62 | 68 | 66 | 70 | 73 | 72 | 78 | 69  | 39 | 68 | 63  | 62  | 66  | 69               | 60 | 60  | 55 | 61              |    |
| 28             | 48  | 39  | 31 | 29  | 41 | 56 | 60 | 70 | 60 | 68 | 66 | 56 | 46 | 50 | 40  | 38 | 46 | 60  | 64  | 63  | 58               | 50 | 50  | 51 | 53              |    |
| 29             | 40  | 41  | 40 | 45  | 58 | 65 | 70 | 72 | 73 | 72 | 70 | 72 | 69 | 68 | 68  | 61 | 59 | 55  | 58  | 53  | 56               | 56 | 50  | 47 | 60              |    |
| 30 D           | 68  | 19  | 17 | 37  | 50 | 63 | 60 | 63 | 64 | 60 | 32 | 30 | 0  | 7  | -22 | 37 | 37 | 35  | 48  | 44  | 24               | 12 | -18 | 7  | 32              |    |
| СРЕДНЕЕ        |     |     |    |     |    |    |    |    |    |    |    |    |    |    |     |    |    |     |     |     |                  |    |     |    |                 |    |
| ПО ВСЕМ ДНЯМ   | 31  | 35  | 39 | 40  | 59 | 68 | 71 | 74 | 73 | 74 | 70 | 68 | 65 | 60 | 64  | 60 | 64 | 64  | 64  | 61  | 53               | 43 | 44  | 41 | 59              |    |
| В СРЕДНЕЕ      |     |     |    |     |    |    |    |    |    |    |    |    |    |    |     |    |    |     |     |     |                  |    |     |    |                 |    |
| ПО СПЕЦИ. ДНЯМ | 50  | 53  | 50 | 67  | 74 | 74 | 80 | 79 | 80 | 60 | 81 | 60 | 79 | 80 | 81  | 81 | 78 | 70  | 74  | 71  | 64               | 59 | 54  | 53 | 71              |    |
| В СРЕДНЕЕ      |     |     |    |     |    |    |    |    |    |    |    |    |    |    |     |    |    |     |     |     |                  |    |     |    |                 |    |
| ПО ВОСК. ДНЯМ  | 4   | 18  | 20 | 31  | 46 | 58 | 68 | 63 | 60 | 72 | 64 | 58 | 42 | 38 | 33  | 57 | 42 | 43  | 50  | 45  | 29               | 14 | 9   | 27 | 41              |    |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

СЕНТЯБРЬ 2000 года  
SEPTEMBER 2000 year

ВРЕМЯ МИРОВОГО  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52000+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52000+TABLE VALUE

| ЧИСЛ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>МЕСЯ |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 219 | 218 | 221 | 224 | 227 | 232 | 235 | 232 | 245 | 234 | 232 | 231 | 229 | 228 | 226 | 226 | 223 | 216 | 210 | 202 | 206 | 212 | 219 | 224 | 225             |
| 2             | 229 | 226 | 225 | 235 | 235 | 235 | 240 | 252 | 255 | 258 | 268 | 260 | 240 | 222 | 233 | 192 | 108 | 202 | 225 | 232 | 235 | 234 | 232 | 234 | 232             |
| 3             | 232 | 233 | 231 | 228 | 227 | 230 | 230 | 228 | 228 | 228 | 220 | 220 | 220 | 226 | 226 | 224 | 225 | 225 | 226 | 227 | 223 | 213 | 210 | 211 | 225             |
| 4             | 216 | 221 | 223 | 224 | 225 | 228 | 231 | 234 | 234 | 234 | 233 | 231 | 228 | 226 | 224 | 224 | 224 | 222 | 191 | 161 | 140 | 100 | 180 | 195 | 213             |
| 5             | 203 | 209 | 217 | 223 | 228 | 228 | 231 | 231 | 229 | 227 | 227 | 227 | 227 | 227 | 224 | 218 | 222 | 217 | 205 | 210 | 216 | 216 | 219 | 224 | 221             |
| 6             | 221 | 225 | 228 | 232 | 232 | 232 | 233 | 229 | 227 | 225 | 225 | 224 | 224 | 224 | 224 | 220 | 220 | 219 | 219 | 221 | 217 | 221 | 223 | 227 | 225             |
| 7             | 223 | 219 | 221 | 224 | 231 | 235 | 237 | 237 | 241 | 241 | 230 | 232 | 232 | 222 | 226 | 221 | 211 | 212 | 215 | 210 | 200 | 207 | 213 | 216 | 224             |
| 8             | 215 | 219 | 221 | 223 | 225 | 231 | 235 | 242 | 246 | 247 | 255 | 243 | 237 | 227 | 210 | 217 | 224 | 221 | 208 | 220 | 227 | 228 | 228 | 225 | 228             |
| 9             | 227 | 229 | 231 | 230 | 230 | 231 | 223 | 231 | 228 | 226 | 226 | 226 | 227 | 220 | 226 | 220 | 220 | 220 | 220 | 226 | 227 | 228 | 228 | 230 | 228             |
| 10            | 232 | 229 | 225 | 222 | 222 | 227 | 225 | 220 | 223 | 223 | 223 | 227 | 229 | 228 | 220 | 224 | 224 | 224 | 224 | 226 | 227 | 226 | 222 | 222 | 225             |
| 11            | 223 | 223 | 220 | 223 | 223 | 223 | 222 | 218 | 221 | 223 | 223 | 222 | 222 | 222 | 222 | 221 | 221 | 221 | 219 | 220 | 220 | 221 | 221 | 221 | 221             |
| 12            | 224 | 222 | 217 | 216 | 220 | 225 | 226 | 225 | 225 | 228 | 244 | 261 | 242 | 193 | 213 | 210 | 212 | 199 | 184 | 172 | 175 | 107 | 212 | 210 | 215             |
| 13            | 223 | 220 | 229 | 232 | 240 | 243 | 237 | 234 | 233 | 231 | 229 | 229 | 230 | 229 | 225 | 224 | 222 | 222 | 223 | 225 | 222 | 223 | 224 | 223 | 228             |
| 14            | 222 | 224 | 220 | 232 | 236 | 236 | 238 | 238 | 238 | 237 | 234 | 231 | 229 | 229 | 228 | 227 | 223 | 223 | 225 | 226 | 226 | 225 | 224 | 227 | 229             |
| 15            | 230 | 236 | 233 | 230 | 234 | 234 | 231 | 227 | 225 | 224 | 224 | 224 | 224 | 224 | 224 | 223 | 223 | 224 | 224 | 224 | 224 | 216 | 199 | 203 | 224             |
| 16            | 217 | 219 | 220 | 227 | 232 | 235 | 234 | 234 | 239 | 234 | 234 | 234 | 237 | 237 | 230 | 223 | 209 | 216 | 210 | 203 | 218 | 210 | 163 | 161 | 220             |
| 17            | 107 | 210 | 228 | 237 | 238 | 235 | 238 | 237 | 234 | 233 | 234 | 239 | 241 | 212 | 213 | 227 | 225 | 225 | 228 | 224 | 202 | 76  | -38 | 90  | 204             |
| 18            | 203 | 233 | 242 | 252 | 255 | 255 | 252 | 251 | 249 | 250 | 259 | 258 | 254 | 252 | 251 | 229 | 232 | 236 | 232 | 225 | 220 | 229 | 232 | 230 | 241             |
| 19            | 240 | 241 | 239 | 235 | 234 | 235 | 235 | 239 | 239 | 243 | 258 | 279 | 279 | 180 | 211 | 231 | 235 | 230 | 224 | 229 | 236 | 234 | 231 | 232 | 230             |
| 20            | 235 | 240 | 240 | 240 | 241 | 240 | 241 | 241 | 240 | 237 | 237 | 239 | 234 | 231 | 234 | 234 | 231 | 229 | 230 | 232 | 232 | 234 | 235 | 235 | 236             |
| 21            | 230 | 230 | 239 | 239 | 239 | 242 | 240 | 237 | 240 | 239 | 245 | 245 | 234 | 234 | 233 | 231 | 232 | 233 | 233 | 230 | 227 | 230 | 230 | 234 | 236             |
| 22            | 236 | 237 | 238 | 240 | 241 | 238 | 239 | 237 | 235 | 234 | 233 | 234 | 235 | 234 | 232 | 228 | 228 | 229 | 229 | 229 | 229 | 231 | 232 | 232 | 234             |
| 23            | 235 | 237 | 241 | 242 | 237 | 237 | 236 | 237 | 235 | 232 | 231 | 231 | 232 | 233 | 231 | 223 | 221 | 220 | 223 | 227 | 229 | 228 | 228 | 228 | 231             |
| 24            | 229 | 230 | 230 | 226 | 225 | 228 | 232 | 234 | 232 | 230 | 229 | 230 | 230 | 230 | 229 | 227 | 215 | 210 | 212 | 207 | 190 | 192 | 200 | 207 | 221             |
| 25            | 213 | 219 | 223 | 229 | 232 | 235 | 237 | 241 | 242 | 237 | 241 | 237 | 228 | 235 | 214 | 215 | 199 | 172 | 188 | 199 | 204 | 190 | 202 | 207 | 219             |
| 26            | 218 | 220 | 237 | 240 | 244 | 248 | 253 | 251 | 248 | 244 | 245 | 248 | 230 | 233 | 195 | 212 | 211 | 209 | 218 | 218 | 209 | 217 | 223 | 223 | 229             |
| 27            | 229 | 233 | 236 | 238 | 241 | 241 | 247 | 245 | 241 | 239 | 237 | 234 | 234 | 229 | 224 | 225 | 227 | 224 | 223 | 224 | 226 | 224 | 223 | 223 | 232             |
| 28            | 224 | 229 | 235 | 237 | 240 | 239 | 237 | 238 | 239 | 240 | 240 | 234 | 239 | 224 | 221 | 217 | 216 | 222 | 227 | 232 | 233 | 234 | 232 | 232 | 232             |
| 29            | 233 | 236 | 239 | 237 | 236 | 234 | 236 | 235 | 236 | 234 | 234 | 234 | 235 | 235 | 230 | 224 | 223 | 222 | 224 | 224 | 227 | 222 | 223 | 228 | 231             |
| 30            | 227 | 226 | 227 | 230 | 240 | 243 | 255 | 261 | 267 | 254 | 267 | 228 | 229 | 227 | 124 | 212 | 228 | 171 | 210 | 231 | 190 | 143 | 103 | 192 | 219             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 223 | 227 | 230 | 232 | 234 | 235 | 237 | 238 | 237 | 236 | 238 | 237 | 234 | 220 | 221 | 222 | 221 | 217 | 218 | 218 | 215 | 211 | 208 | 216 | 226             |
| О СРЕДНЕЕ     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 228 | 228 | 228 | 229 | 230 | 231 | 232 | 230 | 229 | 229 | 228 | 228 | 228 | 228 | 227 | 225 | 224 | 225 | 225 | 225 | 226 | 226 | 225 | 220 | 228             |
| О СРЕДНЕЕ     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ПОСМ. ДНЯМ | 214 | 217 | 232 | 227 | 240 | 241 | 243 | 244 | 240 | 243 | 250 | 248 | 248 | 222 | 207 | 224 | 226 | 216 | 222 | 222 | 213 | 178 | 150 | 183 | 224             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

СЕНТЯБРЬ 2000 года  
SEPTEMBER 2000 year

ШИРОТА 60.12 ДЛГОТА 131.02, ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 131.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22   | 23       | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----------|-----|-----------------|
| 1             | 152 | 150 | 157 | 167 | 173 | 182 | 182 | 201 | 191 | 181 | 181 | 176 | 176 | 177 | 174 | 173 | 170 | 164 | 155 | 141 | 140 | 150  | 150      | 150 | 168             |
| 2             | 155 | 155 | 157 | 156 | 184 | 188 | 194 | 194 | 203 | 205 | 210 | 201 | 178 | 176 | 167 | 125 | 136 | 146 | 160 | 175 | 175 | 170  | 165      | 169 | 173             |
| 3             | 160 | 172 | 174 | 174 | 178 | 182 | 183 | 179 | 175 | 177 | 176 | 176 | 177 | 176 | 176 | 174 | 174 | 174 | 174 | 174 | 166 | 157  | 153      | 146 | 173             |
| 4             | 146 | 151 | 159 | 165 | 170 | 173 | 183 | 185 | 180 | 180 | 130 | 180 | 178 | 179 | 178 | 176 | 175 | 172 | 147 | 108 | 91  | 109  | 120      | 130 | 159             |
| 5             | 134 | 140 | 152 | 162 | 171 | 173 | 179 | 181 | 180 | 176 | 177 | 176 | 176 | 176 | 174 | 167 | 171 | 169 | 153 | 155 | 161 | 159  | 159      | 159 | 166             |
| 6             | 156 | 163 | 167 | 177 | 180 | 182 | 182 | 179 | 177 | 176 | 176 | 176 | 176 | 178 | 178 | 174 | 172 | 182 | 180 | 179 | 169 | 165  | 165      | 165 | 174             |
| 7             | 150 | 157 | 157 | 163 | 170 | 178 | 181 | 186 | 186 | 182 | 179 | 176 | 176 | 168 | 174 | 167 | 157 | 155 | 161 | 157 | 145 | 148  | 151      | 153 | 166             |
| 8             | 153 | 159 | 160 | 163 | 169 | 175 | 179 | 191 | 189 | 196 | 192 | 177 | 176 | 173 | 152 | 159 | 169 | 167 | 156 | 161 | 166 | 163  | 159      | 157 | 169             |
| 9 D           | 169 | 168 | 170 | 171 | 175 | 180 | 182 | 182 | 178 | 177 | 176 | 176 | 176 | 177 | 176 | 174 | 174 | 174 | 173 | 172 | 170 | 167  | 167      | 158 | 174             |
| 10 D          | 171 | 171 | 170 | 167 | 170 | 175 | 177 | 177 | 175 | 176 | 178 | 177 | 177 | 177 | 176 | 174 | 174 | 174 | 174 | 173 | 170 | 168  | 164      | 163 | 173             |
| 11 D          | 164 | 166 | 169 | 174 | 176 | 175 | 174 | 170 | 172 | 174 | 175 | 175 | 175 | 176 | 176 | 175 | 175 | 175 | 174 | 172 | 170 | 169  | 170      | 171 | 173             |
| 12            | 172 | 171 | 168 | 168 | 171 | 177 | 176 | 180 | 179 | 182 | 186 | 196 | 178 | 130 | 145 | 145 | 139 | 130 | 118 | 105 | 107 | 123  | 144      | 147 | 156             |
| 13            | 150 | 154 | 167 | 174 | 184 | 191 | 196 | 184 | 182 | 179 | 177 | 176 | 178 | 178 | 173 | 173 | 170 | 170 | 171 | 171 | 166 | 164  | 163      | 163 | 173             |
| 14 D          | 163 | 163 | 169 | 179 | 184 | 181 | 186 | 184 | 183 | 182 | 180 | 179 | 178 | 177 | 178 | 177 | 172 | 168 | 171 | 171 | 170 | 156  | 163      | 165 | 175             |
| 15            | 168 | 175 | 177 | 176 | 184 | 188 | 184 | 181 | 179 | 176 | 176 | 177 | 177 | 178 | 177 | 174 | 173 | 173 | 173 | 172 | 163 | 157  | 147      | 142 | 173             |
| 16 D          | 155 | 163 | 167 | 172 | 178 | 182 | 181 | 182 | 185 | 184 | 184 | 182 | 178 | 177 | 180 | 167 | 154 | 155 | 153 | 147 | 157 | 130  | 94       | 108 | 163             |
| 17 D          | 121 | 151 | 162 | 168 | 177 | 182 | 186 | 182 | 178 | 179 | 180 | 188 | 189 | 155 | 158 | 174 | 173 | 173 | 177 | 173 | 132 | -160 | 99999999 |     | 161             |
| 18 D          | 95  | 140 | 155 | 170 | 178 | 186 | 183 | 186 | 185 | 190 | 197 | 195 | 188 | 186 | 188 | 183 | 157 | 169 | 163 | 151 | 149 | 159  | 156      | 161 | 170             |
| 19 D          | 166 | 166 | 164 | 167 | 169 | 173 | 174 | 184 | 188 | 193 | 198 | 217 | 207 | 115 | 139 | 160 | 164 | 163 | 157 | 162 | 169 | 165  | 160      | 161 | 170             |
| 20            | 160 | 168 | 168 | 171 | 167 | 174 | 180 | 182 | 182 | 180 | 180 | 182 | 181 | 171 | 173 | 175 | 171 | 170 | 170 | 172 | 173 | 174  | 172      | 169 | 174             |
| 21            | 168 | 165 | 170 | 173 | 175 | 180 | 183 | 182 | 187 | 185 | 186 | 188 | 178 | 178 | 177 | 174 | 175 | 175 | 174 | 173 | 171 | 172  | 169      | 170 | 176             |
| 22 D          | 171 | 170 | 171 | 176 | 182 | 180 | 184 | 183 | 184 | 182 | 180 | 182 | 182 | 180 | 179 | 175 | 173 | 173 | 171 | 173 | 172 | 173  | 172      | 169 | 177             |
| 23            | 160 | 171 | 173 | 176 | 173 | 179 | 180 | 184 | 182 | 179 | 179 | 179 | 179 | 179 | 178 | 173 | 169 | 166 | 168 | 171 | 173 | 172  | 170      | 168 | 175             |
| 24            | 165 | 165 | 165 | 161 | 165 | 173 | 160 | 182 | 180 | 178 | 178 | 178 | 178 | 178 | 178 | 176 | 168 | 163 | 157 | 156 | 139 | 138  | 140      | 143 | 166             |
| 25            | 146 | 147 | 153 | 161 | 169 | 176 | 180 | 184 | 186 | 183 | 180 | 182 | 182 | 182 | 159 | 156 | 141 | 114 | 132 | 145 | 141 | 140  | 141      | 142 | 159             |
| 26            | 142 | 157 | 163 | 167 | 180 | 186 | 190 | 194 | 186 | 184 | 185 | 186 | 168 | 171 | 134 | 150 | 153 | 148 | 159 | 163 | 153 | 153  | 160      | 159 | 166             |
| 27            | 161 | 164 | 169 | 174 | 182 | 184 | 190 | 187 | 185 | 182 | 182 | 181 | 179 | 177 | 169 | 160 | 172 | 169 | 165 | 169 | 172 | 168  | 166      | 165 | 174             |
| 28            | 163 | 163 | 167 | 171 | 175 | 178 | 180 | 183 | 180 | 184 | 185 | 173 | 176 | 163 | 157 | 153 | 155 | 165 | 171 | 175 | 174 | 174  | 172      | 170 | 171             |
| 29            | 170 | 171 | 173 | 173 | 176 | 178 | 180 | 181 | 180 | 179 | 180 | 180 | 179 | 175 | 166 | 164 | 162 | 165 | 166 | 168 | 166 | 164  | 165      |     | 173             |
| 30 D          | 156 | 153 | 153 | 169 | 176 | 184 | 194 | 203 | 211 | 192 | 204 | 152 | 149 | 151 | 38  | 149 | 161 | 110 | 151 | 167 | 120 | 74   | 79       | 114 | 150             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |          |     |                 |
| ПО ВСЕМ ДНЯМ  | 156 | 161 | 165 | 170 | 175 | 180 | 182 | 184 | 184 | 182 | 183 | 181 | 178 | 171 | 165 | 167 | 165 | 162 | 163 | 162 | 157 | 149  | 154      | 156 | 159             |
| D СРЕДНЕЕ     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |          |     |                 |
| ПО СПОК. ДНЯМ | 168 | 168 | 170 | 173 | 177 | 178 | 181 | 179 | 178 | 178 | 178 | 178 | 178 | 177 | 177 | 175 | 174 | 173 | 173 | 172 | 170 | 169  | 167      | 167 | 174             |
| D СРЕДНЕЕ     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |          |     |                 |
| ПО ВОЗМ. ДНЯМ | 139 | 155 | 160 | 169 | 176 | 181 | 184 | 187 | 189 | 188 | 193 | 187 | 182 | 157 | 141 | 167 | 162 | 154 | 160 | 160 | 145 | 102  | 122      | 136 | 162             |

ВРЕМЯ МИРОВОГО  
UNIVERSAL TIME

[illegible]

ОБСЛУЖИВАНИЕ МАГНИТНОГО ПОЛЯ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ОКТАБРЬ 2000 года  
OCTOBER 2000 year

ШИРОТА 50.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 50.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ Н В НАНТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ЛНН   | 1  | 2   | 3   | 4  | 5  | 6  | 7   | 8  | 9  | 10 | 11 | 12 | 13   | 14   | 15   | 16  | 17  | 18  | 19   | 20  | 21   | 22  | 23  | 24 | СРЕДНЕЕ<br>MEAN |
|---------------|----|-----|-----|----|----|----|-----|----|----|----|----|----|------|------|------|-----|-----|-----|------|-----|------|-----|-----|----|-----------------|
| 1             | 21 | 20  | 34  | 35 | 38 | 40 | 52  | 50 | 54 | 34 | 56 | 71 | 57   | 63   | 63   | 62  | 60  | 62  | 50   | 57  | 50   | 47  | 41  | 51 |                 |
| 2             | 34 | 31  | 34  | 41 | 50 | 67 | 75  | 73 | 73 | 65 | 62 | 52 | 55   | 54   | 50   | 60  | 38  | 32  | 50   | 58  | 63   | 60  | 50  | 34 | 53              |
| 3             | 32 | 34  | 13  | 23 | 32 | 48 | 45  | 34 | 44 | 20 | 8  | 10 | 5    | 1    | 17   | 38  | 54  | 56  | 54   | 55  | 55   | 53  | 49  | 42 | 34              |
| 4 D           | 30 | 32  | 34  | 38 | 42 | 54 | 54  | 54 | 42 | 31 | 3  | 19 | 23   | -31  | -119 | -21 | -44 | -92 | -113 | -70 | -120 | -74 | 6   | -9 | -11             |
| 5 D           | -4 | 0   | 0   | 41 | 36 | 80 | 125 | 21 | 24 | 27 | 32 | 1  | -132 | -110 | 999  | -94 | 112 | -74 | 83   | -16 | -20  | -22 | -32 | -9 | 1               |
| 6 D           | 3  | 3   | 11  | 21 | 27 | 34 | 33  | 40 | 44 | 40 | 40 | 40 | 50   | 50   | 45   | 46  | 45  | 40  | 45   | 40  | 26   | 40  | 40  | 36 | 36              |
| 7             | 35 | 32  | 31  | 40 | 56 | 61 | 64  | 62 | 63 | 64 | 69 | 67 | 57   | 52   | 53   | 51  | 52  | 51  | 52   | 54  | 53   | 52  | 50  | 48 | 53              |
| 8 G           | 46 | 40  | 40  | 77 | 62 | 64 | 65  | 60 | 67 | 65 | 69 | 71 | 70   | 70   | 66   | 67  | 64  | 62  | 60   | 60  | 59   | 56  | 52  | 63 | 63              |
| 9 D           | 54 | 54  | 50  | 51 | 56 | 63 | 69  | 72 | 71 | 71 | 72 | 73 | 75   | 74   | 75   | 62  | 70  | 71  | 71   | 61  | 64   | 67  | 62  | 52 | 65              |
| 10            | 46 | 44  | 42  | 44 | 50 | 64 | 75  | 71 | 70 | 64 | 57 | 40 | 49   | 51   | 54   | 49  | 50  | 48  | 59   | 64  | 62   | 61  | 50  | 55 | 55              |
| 11            | 44 | 28  | 34  | 44 | 43 | 43 | 55  | 36 | 50 | 56 | 63 | 65 | 62   | 47   | 59   | 66  | 67  | 60  | 69   | 66  | 71   | 73  | 66  | 54 | 56              |
| 12            | 41 | 39  | 42  | 50 | 61 | 65 | 70  | 69 | 68 | 73 | 66 | 65 | 72   | 74   | 73   | 76  | 60  | 70  | 74   | 74  | 75   | 71  | 67  | 69 | 66              |
| 13 D          | 27 | -13 | 20  | 30 | 31 | 44 | 46  | 59 | 59 | 65 | 60 | 73 | 75   | 75   | 75   | 69  | 63  | 72  | 81   | 57  | 54   | 51  | 52  | 46 | 54              |
| 14 D          | 20 | 20  | 31  | 34 | 42 | 50 | 58  | 30 | 50 | 45 | 23 | 28 | 0    | -10  | -65  | 30  | -35 | -45 | -9   | 52  | 40   | 34  | 29  | 32 | 21              |
| 15            | 36 | 40  | 44  | 32 | 60 | 63 | 64  | 65 | 63 | 63 | 61 | 62 | 60   | 64   | 60   | 70  | 65  | 58  | 50   | 58  | 52   | 54  | 50  | 45 | 57              |
| 16            | 31 | 8   | 31  | 42 | 50 | 58 | 65  | 65 | 67 | 60 | 67 | 67 | 68   | 63   | 67   | 69  | 70  | 67  | 67   | 62  | 64   | 60  | 58  | 52 | 58              |
| 17            | 40 | 29  | 20  | 32 | 51 | 60 | 72  | 77 | 75 | 60 | 77 | 75 | 75   | 75   | 75   | 70  | 71  | 70  | 67   | 70  | 71   | 64  | 53  | 42 | 62              |
| 18            | 35 | 35  | 40  | 52 | 67 | 67 | 75  | 70 | 75 | 75 | 63 | 73 | 77   | 81   | 77   | 75  | 74  | 71  | 67   | 62  | 65   | 61  | 54  | 52 | 65              |
| 19            | 50 | 50  | 43  | 50 | 65 | 76 | 73  | 77 | 75 | 75 | 80 | 77 | 78   | 77   | 73   | 72  | 70  | 71  | 69   | 65  | 65   | 60  | 58  | 56 | 67              |
| 20 D          | 55 | 54  | 56  | 60 | 70 | 75 | 79  | 81 | 80 | 81 | 70 | 77 | 75   | 79   | 78   | 77  | 75  | 77  | 73   | 70  | 70   | 67  | 62  | 54 | 71              |
| 21 G          | 40 | 49  | 51  | 58 | 65 | 73 | 80  | 82 | 81 | 80 | 81 | 81 | 82   | 70   | 77   | 75  | 77  | 76  | 75   | 77  | 76   | 75  | 67  | 55 | 72              |
| 22            | 51 | 50  | 50  | 59 | 68 | 78 | 87  | 91 | 95 | 83 | 70 | 67 | 49   | 60   | 57   | 45  | 65  | 55  | 50   | 58  | 59   | 70  | 53  | 54 | 64              |
| 23            | 47 | 48  | 52  | 50 | 50 | 50 | 50  | 46 | 50 | 61 | 70 | 51 | 52   | 55   | 55   | 62  | 61  | 62  | 62   | 61  | 63   | 61  | 57  | 54 | 50              |
| 24            | 45 | 45  | 44  | 46 | 50 | 57 | 66  | 67 | 64 | 64 | 58 | 42 | 41   | 34   | 52   | 60  | 57  | 63  | 60   | 60  | 59   | 56  | 55  | 51 | 54              |
| 25            | 54 | 55  | 55  | 55 | 57 | 60 | 64  | 65 | 52 | 50 | 54 | 48 | 31   | 25   | 50   | 60  | 69  | 70  | 75   | 65  | 68   | 71  | 67  | 60 | 58              |
| 26            | 62 | 50  | 49  | 54 | 58 | 60 | 61  | 60 | 58 | 57 | 62 | 40 | 55   | 61   | 59   | 64  | 62  | 63  | 62   | 62  | 63   | 60  | 58  | 56 | 50              |
| 27            | 40 | 30  | 43  | 48 | 58 | 67 | 71  | 71 | 72 | 74 | 72 | 67 | 63   | 60   | 72   | 70  | 73  | 72  | 71   | 71  | 71   | 68  | 62  | 51 | 64              |
| 28            | 40 | 40  | 40  | 57 | 68 | 73 | 75  | 60 | 70 | 70 | 77 | 25 | 21   | 65   | 47   | 64  | 71  | 72  | 71   | 73  | 73   | 76  | 50  | 10 | 58              |
| 29 D          | 20 | -23 | -33 | -9 | 21 | 12 | 27  | 42 | 34 | 10 | 11 | 17 | -2   | 13   | 15   | 13  | 17  | 25  | 44   | 34  | 48   | 38  | 36  | 29 | 15              |
| 30            | 32 | 26  | 20  | 50 | 58 | 58 | 54  | 60 | 60 | 67 | 48 | 50 | 50   | 53   | 53   | 44  | 59  | 55  | 52   | 48  | 48   | 47  | 42  | 30 | 50              |
| 31            | 35 | 37  | 38  | 50 | 63 | 62 | 73  | 73 | 73 | 66 | 58 | 56 | 60   | 61   | 67   | 67  | 62  | 70  | 64   | 71  | 71   | 77  | 64  | 57 | 62              |
| СРЕДНЕЕ       |    |     |     |    |    |    |     |    |    |    |    |    |      |      |      |     |     |     |      |     |      |     |     |    |                 |
| ПО ВСЕМ ДНЯМ  | 30 | 33  | 33  | 45 | 52 | 59 | 60  | 63 | 63 | 61 | 58 | 53 | 46   | 40   | 50   | 53  | 50  | 40  | 50   | 54  | 50   | 53  | 50  | 43 | 51              |
| Q -СРЕДНЕЕ    |    |     |     |    |    |    |     |    |    |    |    |    |      |      |      |     |     |     |      |     |      |     |     |    |                 |
| ПО СПОК. ДНЯМ | 40 | 41  | 40  | 53 | 56 | 62 | 66  | 69 | 60 | 69 | 69 | 70 | 71   | 70   | 60   | 70  | 68  | 67  | 65   | 62  | 61   | 62  | 57  | 50 | 62              |
| D -СРЕДНЕЕ    |    |     |     |    |    |    |     |    |    |    |    |    |      |      |      |     |     |     |      |     |      |     |     |    |                 |
| ПО ВОЗМ. ДНЯМ | 9  | 4   | 12  | 20 | 34 | 49 | 60  | 48 | 42 | 36 | 28 | 27 | 15   | -19  | -24  | -1  | -20 | -23 | 10   | 11  | 0    | 5   | 10  | 13 | 14              |

СЕННОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ОКТАБРЬ 2000 года  
OCTOBER 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНТЕСЛАХ=52000+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52000+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 170 | 181 | 191 | 195 | 199 | 203 | 213 | 211 | 205 | 208 | 206 | 193 | 195 | 196 | 194 | 192 | 191 | 190 | 188 | 192 | 195 | 193 | 190 | 190 | 190             |
| 2             | 188 | 188 | 191 | 193 | 192 | 195 | 194 | 193 | 194 | 197 | 200 | 207 | 206 | 200 | 198 | 192 | 133 | 150 | 174 | 184 | 182 | 170 | 179 | 180 | 187             |
| 3             | 185 | 186 | 188 | 179 | 216 | 219 | 224 | 227 | 242 | 256 | 230 | 232 | 179 | 64  | 181 | 178 | 181 | 180 | 196 | 198 | 196 | 197 | 197 | 197 | 198             |
| 4 D           | 200 | 202 | 202 | 202 | 206 | 210 | 220 | 237 | 247 | 277 | 231 | 235 | 188 | 174 | 14  | 83  | 39  | -25 | 1   | -34 | -21 | 32  | 95  | 149 | 140             |
| 5 D           | 186 | 198 | 208 | 210 | 231 | 265 | 352 | 335 | 245 | 240 | 226 | 282 | 89  | 64  | 32  | 81  | 94  | 80  | 115 | 164 | 188 | 178 | 172 | 195 | 190             |
| 6 Q           | 213 | 220 | 222 | 219 | 210 | 217 | 215 | 213 | 212 | 210 | 209 | 208 | 208 | 205 | 206 | 206 | 205 | 204 | 203 | 204 | 203 | 203 | 203 | 206 | 210             |
| 7             | 207 | 205 | 205 | 202 | 203 | 203 | 203 | 202 | 202 | 202 | 202 | 203 | 205 | 197 | 198 | 197 | 190 | 198 | 198 | 199 | 198 | 198 | 198 | 197 | 201             |
| 8 Q           | 199 | 200 | 202 | 200 | 199 | 195 | 197 | 198 | 196 | 195 | 194 | 194 | 194 | 194 | 193 | 192 | 190 | 190 | 191 | 191 | 192 | 191 | 193 | 195 | 195             |
| 9 Q           | 187 | 186 | 188 | 188 | 183 | 191 | 191 | 192 | 191 | 191 | 190 | 191 | 190 | 190 | 190 | 186 | 180 | 173 | 175 | 170 | 170 | 180 | 182 | 183 | 185             |
| 10            | 185 | 184 | 184 | 185 | 185 | 190 | 190 | 190 | 190 | 205 | 212 | 216 | 215 | 208 | 197 | 183 | 179 | 180 | 189 | 191 | 191 | 190 | 185 | 182 | 193             |
| 11            | 178 | 182 | 183 | 188 | 195 | 202 | 210 | 212 | 214 | 211 | 208 | 206 | 199 | 196 | 195 | 193 | 192 | 191 | 189 | 186 | 182 | 185 | 185 | 185 | 195             |
| 12            | 166 | 191 | 194 | 195 | 197 | 197 | 197 | 198 | 197 | 196 | 199 | 199 | 197 | 193 | 183 | 178 | 180 | 186 | 190 | 191 | 193 | 195 | 193 | 191 | 192             |
| 13 D          | 181 | 187 | 202 | 200 | 209 | 220 | 212 | 206 | 201 | 198 | 198 | 197 | 197 | 195 | 194 | 192 | 187 | 185 | 182 | 184 | 181 | 186 | 182 | 175 | 192             |
| 14 D          | 184 | 180 | 197 | 207 | 214 | 220 | 225 | 246 | 243 | 252 | 231 | 248 | 238 | 109 | 106 | 77  | 112 | 33  | 78  | 182 | 202 | 201 | 198 | 200 | 183             |
| 15            | 204 | 207 | 211 | 212 | 210 | 207 | 206 | 203 | 202 | 201 | 200 | 200 | 198 | 197 | 194 | 192 | 191 | 191 | 195 | 195 | 194 | 193 | 191 | 193 | 195             |
| 16            | 191 | 199 | 204 | 201 | 202 | 203 | 203 | 200 | 199 | 199 | 198 | 198 | 196 | 194 | 193 | 190 | 187 | 182 | 181 | 186 | 190 | 194 | 197 | 197 | 195             |
| 17            | 197 | 197 | 198 | 199 | 198 | 196 | 197 | 193 | 192 | 196 | 197 | 197 | 194 | 193 | 190 | 183 | 187 | 189 | 190 | 191 | 188 | 181 | 185 | 189 | 193             |
| 18            | 193 | 192 | 192 | 191 | 193 | 193 | 194 | 193 | 193 | 195 | 197 | 193 | 190 | 185 | 171 | 170 | 182 | 185 | 185 | 185 | 186 | 188 | 187 | 189 | 189             |
| 19            | 190 | 192 | 193 | 197 | 194 | 191 | 191 | 194 | 190 | 197 | 196 | 195 | 193 | 191 | 182 | 183 | 170 | 186 | 186 | 187 | 191 | 191 | 189 | 188 | 191             |
| 20 Q          | 189 | 192 | 194 | 193 | 190 | 190 | 186 | 188 | 188 | 191 | 189 | 188 | 188 | 188 | 188 | 188 | 187 | 180 | 186 | 187 | 188 | 188 | 186 | 187 | 188             |
| 21 Q          | 189 | 191 | 193 | 194 | 191 | 190 | 190 | 189 | 188 | 188 | 188 | 187 | 187 | 187 | 185 | 186 | 186 | 186 | 185 | 184 | 180 | 188 | 188 | 188 | 188             |
| 22            | 189 | 190 | 193 | 191 | 186 | 184 | 185 | 185 | 183 | 183 | 188 | 190 | 192 | 186 | 163 | 170 | 158 | 150 | 115 | 127 | 144 | 161 | 170 | 177 | 174             |
| 23            | 181 | 187 | 192 | 196 | 195 | 196 | 200 | 206 | 207 | 203 | 198 | 187 | 191 | 193 | 192 | 190 | 190 | 190 | 190 | 189 | 190 | 190 | 187 | 185 | 193             |
| 24            | 180 | 189 | 191 | 194 | 193 | 194 | 196 | 190 | 196 | 192 | 198 | 180 | 201 | 195 | 199 | 196 | 195 | 192 | 189 | 180 | 192 | 193 | 193 | 192 | 193             |
| 25            | 194 | 199 | 199 | 198 | 194 | 192 | 193 | 193 | 194 | 198 | 201 | 202 | 199 | 192 | 193 | 193 | 192 | 191 | 182 | 175 | 182 | 187 | 190 | 194 | 193             |
| 26            | 195 | 196 | 199 | 200 | 195 | 196 | 199 | 200 | 206 | 209 | 207 | 204 | 201 | 187 | 188 | 187 | 188 | 189 | 190 | 191 | 192 | 191 | 180 | 183 | 195             |
| 27            | 180 | 193 | 197 | 196 | 196 | 197 | 196 | 194 | 193 | 192 | 193 | 194 | 195 | 193 | 190 | 188 | 187 | 180 | 187 | 183 | 190 | 193 | 197 | 194 | 192             |
| 28            | 194 | 195 | 198 | 199 | 190 | 193 | 192 | 193 | 192 | 192 | 194 | 212 | 200 | 178 | 177 | 188 | 192 | 193 | 191 | 189 | 188 | 185 | 181 | 182 | 192             |
| 29 D          | 195 | 201 | 207 | 224 | 238 | 232 | 223 | 232 | 250 | 280 | 254 | 231 | 208 | 181 | 189 | 153 | 130 | 123 | 128 | 149 | 146 | 177 | 180 | 192 | 197             |
| 30            | 193 | 197 | 202 | 205 | 205 | 206 | 204 | 202 | 202 | 205 | 214 | 210 | 205 | 203 | 202 | 199 | 194 | 193 | 193 | 191 | 194 | 196 | 200 | 200 | 201             |
| 31            | 201 | 203 | 204 | 201 | 198 | 200 | 201 | 199 | 197 | 198 | 202 | 199 | 196 | 197 | 194 | 191 | 185 | 179 | 180 | 178 | 177 | 175 | 180 | 182 | 192             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 191 | 194 | 198 | 199 | 201 | 203 | 207 | 207 | 206 | 208 | 205 | 206 | 195 | 181 | 177 | 177 | 174 | 160 | 171 | 176 | 180 | 163 | 185 | 188 | 191             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 195 | 198 | 200 | 199 | 197 | 196 | 196 | 196 | 195 | 195 | 194 | 194 | 193 | 193 | 192 | 192 | 190 | 188 | 187 | 189 | 190 | 190 | 190 | 192 | 193             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 192 | 195 | 203 | 210 | 200 | 209 | 247 | 251 | 237 | 245 | 228 | 239 | 184 | 143 | 107 | 118 | 114 | 80  | 97  | 125 | 139 | 155 | 167 | 183 | 179             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN  
ШИРОТА 60.12 ДЛИНТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ОКТАБРЬ 2000 года  
OCTOBER 2000 year

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ Г В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ

TOTAL INTENSITY OF MAGNETIC FIELD Г IN NANOTESLA=55500+TABLE VALUE

|               |   | TOTAL INTENSITY OF MAGNETIC FIELD IN KANSAS STATE OBSERVATORY |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
|---------------|---|---------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| ЧАСЫ          |   | 1                                                             | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
| ДНИ           |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 1             |   | 153                                                           | 163 | 173 | 180 | 183 | 189 | 202 | 201 | 197 | 197 | 197 | 190 | 187 | 183 | 187 | 185 | 184 | 183 | 182 | 184 | 185 | 183 | 177 | 175 | 185             |
| 2             |   | 171                                                           | 170 | 175 | 178 | 191 | 189 | 191 | 189 | 191 | 190 | 193 | 195 | 196 | 190 | 187 | 180 | 182 | 134 | 165 | 176 | 175 | 172 | 169 | 164 | 177             |
| 3             |   | 168                                                           | 167 | 165 | 177 | 190 | 208 | 209 | 211 | 223 | 233 | 215 | 193 | 165 | 69  | 159 | 162 | 169 | 170 | 185 | 186 | 180 | 167 | 135 | 101 | 133             |
| 4             | D | 181                                                           | 184 | 184 | 186 | 190 | 199 | 207 | 224 | 232 | 254 | 199 | 211 | 57  | 136 | -68 | 52  | 6   | -76 | -87 | -82 | -92 | -11 | 71  | 110 | 103             |
| 5             | D | 156                                                           | 167 | 175 | 203 | 212 | 235 | 306 | 283 | 218 | 220 | 207 | 211 | 1   | -42 | -43 | -18 | 13  | 25  | 66  | 130 | 150 | 140 | 131 | 161 | 167             |
| 6             |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 6             | Q | 182                                                           | 190 | 195 | 196 | 198 | 199 | 199 | 197 | 197 | 196 | 194 | 195 | 195 | 194 | 191 | 191 | 191 | 190 | 190 | 188 | 185 | 187 | 187 | 188 | 192             |
| 7             |   | 187                                                           | 185 | 185 | 187 | 192 | 194 | 195 | 193 | 193 | 194 | 196 | 195 | 195 | 194 | 188 | 185 | 187 | 186 | 185 | 186 | 187 | 186 | 185 | 184 | 189             |
| 8             | Q | 186                                                           | 186 | 189 | 189 | 190 | 188 | 190 | 190 | 189 | 187 | 188 | 180 | 188 | 188 | 187 | 186 | 183 | 183 | 183 | 182 | 182 | 182 | 182 | 182 | 186             |
| 9             | Q | 122                                                           | 122 | 123 | 124 | 127 | 132 | 134 | 136 | 135 | 134 | 134 | 134 | 135 | 134 | 134 | 134 | 126 | 117 | 117 | 111 | 117 | 122 | 122 | 119 | 127             |
| 10            |   | 120                                                           | 118 | 117 | 119 | 121 | 130 | 138 | 141 | 142 | 145 | 149 | 149 | 150 | 143 | 133 | 120 | 116 | 115 | 128 | 132 | 131 | 128 | 124 | 120 | 130             |
| 11            |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 11            |   | 116                                                           | 110 | 114 | 122 | 129 | 135 | 147 | 150 | 150 | 148 | 148 | 149 | 141 | 131 | 134 | 136 | 135 | 134 | 130 | 128 | 126 | 130 | 128 | 124 | 133             |
| 12            |   | 120                                                           | 122 | 127 | 132 | 138 | 139 | 140 | 141 | 139 | 141 | 140 | 140 | 141 | 137 | 129 | 125 | 124 | 129 | 135 | 136 | 133 | 139 | 136 | 135 | 134             |
| 13            | D | 116                                                           | 108 | 132 | 133 | 141 | 158 | 152 | 149 | 145 | 144 | 145 | 145 | 146 | 144 | 144 | 139 | 132 | 135 | 116 | 110 | 124 | 128 | 125 | 120 | 135             |
| 14            | D | 119                                                           | 123 | 131 | 141 | 151 | 140 | 169 | 179 | 181 | 183 | 157 | 179 | 163 | 35  | 15  | 15  | 20  | -55 | 2   | 125 | 139 | 135 | 130 | 133 | 113             |
| 15            |   | 140                                                           | 143 | 149 | 153 | 153 | 152 | 150 | 147 | 146 | 145 | 145 | 144 | 142 | 142 | 137 | 139 | 135 | 134 | 137 | 139 | 135 | 134 | 132 | 133 | 142             |
| 16            |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 16            |   | 125                                                           | 125 | 136 | 138 | 141 | 146 | 148 | 146 | 145 | 145 | 143 | 143 | 141 | 140 | 138 | 137 | 134 | 128 | 127 | 130 | 135 | 138 | 139 | 137 | 138             |
| 17            |   | 135                                                           | 136 | 129 | 134 | 133 | 140 | 144 | 145 | 144 | 142 | 146 | 144 | 142 | 142 | 136 | 136 | 135 | 136 | 136 | 138 | 135 | 127 | 127 | 127 | 137             |
| 18            |   | 123                                                           | 127 | 129 | 122 | 140 | 140 | 143 | 145 | 143 | 144 | 142 | 142 | 140 | 135 | 121 | 128 | 131 | 134 | 132 | 131 | 132 | 133 | 129 | 130 | 134             |
| 19            |   | 130                                                           | 133 | 133 | 133 | 139 | 141 | 142 | 144 | 145 | 146 | 146 | 144 | 143 | 141 | 131 | 133 | 132 | 134 | 133 | 134 | 137 | 135 | 133 | 131 | 132             |
| 20            | Q | 132                                                           | 134 | 136 | 137 | 137 | 136 | 137 | 140 | 140 | 141 | 140 | 138 | 139 | 139 | 138 | 137 | 136 | 136 | 135 | 134 | 136 | 134 | 131 | 129 | 136             |
| 21            | Q | 130                                                           | 130 | 134 | 137 | 137 | 132 | 141 | 141 | 140 | 138 | 139 | 139 | 138 | 138 | 135 | 135 | 136 | 136 | 135 | 134 | 136 | 137 | 135 | 130 | 136             |
| 22            |   | 130                                                           | 130 | 134 | 135 | 132 | 134 | 137 | 140 | 140 | 138 | 136 | 135 | 136 | 128 | 106 | 111 | 104 | 96  | 66  | 73  | 90  | 110 | 113 | 119 | 119             |
| 23            |   | 122                                                           | 128 | 133 | 133 | 127 | 138 | 140 | 144 | 149 | 145 | 145 | 128 | 132 | 135 | 134 | 135 | 133 | 134 | 135 | 133 | 135 | 134 | 130 | 128 | 135             |
| 24            |   | 125                                                           | 128 | 130 | 133 | 134 | 137 | 142 | 142 | 141 | 136 | 142 | 126 | 136 | 131 | 140 | 140 | 137 | 136 | 133 | 133 | 136 | 135 | 136 | 133 | 135             |
| 25            |   | 136                                                           | 139 | 140 | 140 | 136 | 134 | 138 | 137 | 136 | 141 | 143 | 141 | 133 | 124 | 133 | 140 | 138 | 138 | 132 | 123 | 129 | 133 | 136 | 139 | 136             |
| 26            |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| 26            |   | 139                                                           | 138 | 138 | 141 | 139 | 140 | 142 | 144 | 148 | 151 | 152 | 143 | 142 | 131 | 131 | 132 | 132 | 134 | 135 | 136 | 137 | 135 | 130 | 126 | 138             |
| 27            |   | 126                                                           | 129 | 134 | 136 | 139 | 143 | 143 | 141 | 140 | 140 | 140 | 140 | 139 | 138 | 137 | 133 | 134 | 135 | 136 | 137 | 139 | 141 | 135 | 137 | 137             |
| 28            |   | 131                                                           | 133 | 137 | 142 | 143 | 141 | 141 | 139 | 143 | 142 | 134 | 139 | 135 | 124 | 116 | 133 | 140 | 141 | 139 | 138 | 136 | 134 | 122 | 103 | 134             |
| 29            | D | 106                                                           | 114 | 120 | 142 | 166 | 153 | 159 | 167 | 181 | 182 | 176 | 157 | 132 | 93  | 117 | 88  | 71  | 56  | 70  | 87  | 88  | 113 | 125 | 124 | 125             |
| 30            |   | 125                                                           | 129 | 132 | 145 | 147 | 148 | 146 | 146 | 147 | 151 | 153 | 152 | 147 | 145 | 142 | 137 | 137 | 135 | 134 | 131 | 134 | 136 | 136 | 135 | 140             |
| 31            |   | 136                                                           | 138 | 139 | 141 | 143 | 143 | 145 | 148 | 145 | 143 | 144 | 140 | 139 | 140 | 139 | 127 | 129 | 127 | 125 | 125 | 125 | 125 | 125 | 125 | 136             |
| СРЕДНЕЕ       |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  |   | 139                                                           | 140 | 144 | 149 | 153 | 157 | 164 | 163 | 151 | 163 | 159 | 157 | 142 | 132 | 126 | 130 | 126 | 121 | 124 | 131 | 133 | 137 | 138 | 138 | 143             |
| Q -СРЕДНЕЕ    |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ |   | 150                                                           | 152 | 155 | 157 | 158 | 159 | 160 | 161 | 160 | 159 | 159 | 159 | 159 | 159 | 137 | 157 | 154 | 152 | 152 | 150 | 151 | 152 | 151 | 150 | 156             |
| D -СРЕДНЕЕ    |   |                                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  |   | 136                                                           | 139 | 149 | 162 | 172 | 184 | 211 | 200 | 191 | 193 | 177 | 181 | 100 | 74  | 33  | 55  | 50  | 17  | 33  | 74  | 82  | 101 | 116 | 131 | 124             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

НОЯБРЬ 2000 года  
NOVEMBER 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

3 СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D=-13.00 DEGRES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>ДНИ   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1             | -366 | -392 | -368 | -360 | -355 | -343 | -337 | -327 | -328 | -332 | -327 | -322 | -316 | -313 | -309 | -305 | -296 | -296 | -273 | -282 | -286 | -298 | -294 | -318 | -323            |
| 2 Q           | -341 | -341 | -346 | -346 | -346 | -346 | -334 | -327 | -327 | -324 | -319 | -315 | -314 | -310 | -283 | -291 | -295 | -292 | -294 | -288 | -295 | -291 | -280 | -277 | -313            |
| 3 Q           | -301 | -320 | -333 | -337 | -346 | -341 | -329 | -323 | -319 | -317 | -314 | -311 | -309 | -282 | -264 | -273 | -292 | -296 | -295 | -291 | -296 | -297 | -301 | -297 | -308            |
| 4             | -314 | -328 | -329 | -351 | -361 | -382 | -402 | -396 | -420 | -396 | -323 | -326 | -273 | -243 | -277 | -315 | -318 | -330 | -269 | -300 | -370 | -313 | -319 | -324 | -332            |
| 5             | -337 | -355 | -359 | -349 | -351 | -349 | -337 | -337 | -335 | -334 | -327 | -322 | -313 | -296 | -247 | -219 | -287 | -305 | -364 | -346 | -326 | -319 | -374 | -336 | -326            |
| 6 D           | -356 | -365 | -383 | -373 | -370 | -362 | -355 | -337 | -319 | -326 | -231 | -350 | -265 | -327 | -187 | -146 | -337 | -180 | -244 | -446 | -564 | -463 | -397 | -429 | -338            |
| 7 D           | -428 | -407 | -392 | -341 | -300 | -332 | -341 | -387 | -365 | -360 | -318 | -297 | -297 | -294 | -327 | -292 | -343 | -342 | -336 | -322 | -323 | -328 | -322 | -315 | -338            |
| 8             | -324 | -329 | -336 | -332 | -336 | -336 | -320 | -324 | -327 | -328 | -319 | -319 | -310 | -310 | -287 | -294 | -314 | -312 | -315 | -322 | -315 | -327 | -324 | -316 | -320            |
| 9             | -333 | -346 | -349 | -342 | -342 | -337 | -327 | -323 | -324 | -329 | -332 | -330 | -315 | -269 | -301 | -281 | -292 | -291 | -310 | -320 | -314 | -319 | -317 | -303 | -319            |
| 10 D          | -336 | -325 | -321 | -333 | -357 | -375 | -302 | -298 | -385 | -381 | -360 | 999  | -335 | -366 | -357 | -356 | -350 | -344 | -367 | -377 | -354 | -347 | -331 | -340 | -348            |
| 11            | -339 | -349 | -338 | -342 | -339 | -334 | -326 | -322 | -325 | -331 | -331 | -311 | -302 | -298 | -359 | -321 | -294 | -298 | -342 | -303 | -326 | -339 | -337 | -337 | -327            |
| 12            | -417 | -390 | -364 | -350 | -341 | -339 | -344 | -280 | -329 | -326 | -269 | -329 | -330 | -321 | -308 | -332 | -295 | -333 | -301 | -311 | -323 | -326 | -320 | -318 | -329            |
| 13            | -328 | -331 | -335 | -335 | -350 | -337 | -323 | -323 | -326 | -327 | -323 | -319 | -301 | -279 | -295 | -329 | -317 | -305 | -317 | -321 | -323 | -320 | -314 | -318 | -321            |
| 14            | -325 | -330 | -332 | -343 | -344 | -329 | -319 | -319 | -321 | -322 | -323 | -316 | -310 | -309 | -309 | -311 | -303 | -304 | -306 | -306 | -307 | -313 | -313 | -301 | -317            |
| 15 Q          | -316 | -331 | -342 | -346 | -343 | -331 | -318 | -311 | -312 | -325 | -326 | -315 | -312 | -306 | -301 | -301 | -301 | -301 | -299 | -311 | -314 | -298 | -306 | -311 | -316            |
| 16 Q          | -321 | -333 | -336 | -333 | -334 | -326 | -320 | -312 | -309 | -308 | -310 | -309 | -310 | -311 | -310 | -308 | -307 | -304 | -297 | -297 | -295 | -314 | -308 | -301 | -313            |
| 17 Q          | -320 | -325 | -326 | -334 | -333 | -333 | -326 | -319 | -318 | -318 | -309 | -311 | -311 | -306 | -301 | -299 | -303 | -295 | -296 | -294 | -298 | -295 | -293 | -295 | -311            |
| 18            | -315 | -323 | -325 | -330 | -333 | -325 | -315 | -309 | -306 | -306 | -305 | -304 | -303 | -300 | -301 | -297 | -300 | -300 | -298 | -298 | -321 | -309 | -303 | -301 | -309            |
| 19            | -310 | -323 | -330 | -338 | -347 | -343 | -336 | -320 | -321 | -320 | -292 | -319 | -303 | -296 | -289 | -305 | -290 | -307 | -309 | -319 | -307 | -297 | -289 | -294 | -313            |
| 20            | -301 | -310 | -316 | -330 | -339 | -324 | -323 | -321 | -326 | -330 | -323 | -302 | -295 | -289 | -275 | -231 | -280 | -266 | -253 | -290 | -307 | -321 | -314 | -310 | -303            |
| 21            | -314 | -326 | -338 | -335 | -333 | -331 | -323 | -326 | -330 | -323 | -318 | -296 | -307 | -288 | -283 | -280 | -288 | -290 | -302 | -304 | -262 | -290 | -307 | -310 | -308            |
| 22            | -329 | -331 | -326 | -333 | -343 | -341 | -334 | -334 | -328 | -328 | -321 | -318 | -261 | -282 | -285 | -265 | -257 | -265 | -308 | -288 | -303 | -306 | -298 | -310 | -308            |
| 23            | -329 | -332 | -329 | -331 | -336 | -321 | -316 | -313 | -322 | -327 | -341 | -352 | -321 | -297 | -278 | -305 | -301 | -288 | -285 | -301 | -309 | -311 | -310 | -311 | -315            |
| 24            | -314 | -315 | -319 | -323 | -326 | -322 | -307 | -314 | -318 | -321 | -315 | -316 | -310 | -309 | -304 | -292 | -288 | -283 | -287 | -287 | -302 | -396 | -332 | -338 | -314            |
| 25            | -339 | -332 | -341 | -346 | -342 | -327 | -319 | -316 | -318 | -319 | -321 | -321 | -319 | -310 | -308 | -298 | -293 | -281 | -288 | -299 | -291 | -304 | -306 | -311 | -315            |
| 26            | -316 | -316 | -320 | -332 | -333 | -327 | -316 | -315 | -302 | -323 | -329 | -320 | -306 | -292 | -270 | -275 | -263 | -229 | -230 | -289 | -257 | -265 | -296 | -355 | -299            |
| 27 D          | -333 | -493 | -386 | -367 | -351 | -331 | -307 | -337 | -216 | -311 | -363 | -350 | -332 | -314 | -305 | -267 | -291 | -285 | -371 | -236 | -270 | -315 | -329 | -338 | -325            |
| 28            | -341 | -348 | -346 | -343 | -359 | -348 | -361 | -380 | -326 | -314 | -379 | -306 | -338 | -183 | -253 | -381 | -311 | -311 | -297 | -372 | -378 | -360 | -364 | -414 | -338            |
| 29 D          | -400 | -395 | -397 | -405 | -430 | -367 | -411 | -442 | -365 | -409 | -400 | -414 | -282 | -260 | -280 | -273 | -225 | -305 | -326 | -327 | -335 | -341 | -368 | -369 | -355            |
| 30            | -351 | -357 | -355 | -363 | -355 | -346 | -341 | -337 | -337 | -349 | -347 | -329 | -327 | -322 | -319 | -328 | -301 | -301 | -311 | -305 | -310 | -313 | -314 | -323 | -331            |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВСЕМ ДНЯМ  | -336 | -347 | -344 | -344 | -346 | -340 | -332 | -331 | -327 | -332 | -324 | -322 | -308 | -296 | -292 | -292 | -298 | -295 | -303 | -312 | -319 | -321 | -319 | -324 | -321            |
| Q -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО СПОК. ДНЯМ | -320 | -330 | -337 | -339 | -340 | -335 | -325 | -318 | -317 | -318 | -316 | -312 | -311 | -303 | -292 | -294 | -300 | -298 | -296 | -296 | -300 | -299 | -298 | -296 | -312            |
| D -СРЕДНЕЕ    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
| ПО ВОЗМ. ДНЯМ | -371 | -397 | -376 | -364 | -362 | -353 | -343 | -360 | -330 | -357 | -334 | -353 | -302 | -312 | -291 | -267 | -309 | -291 | -329 | -342 | -369 | -359 | -349 | -358 | -341            |

ОБСЕРВАТОРИЯ МАГНАН  
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ШИРОТА 60.12 ЛОНГИТУДА 151.02 ГРАДУСЫ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ Н В НАНТЕСЛАХ-17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY H IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>HOUR              | 1  | 2  | 3   | 4  | 5  | 6  | 7  | 8   | 9  | 10  | 11  | 12 | 13  | 14  | 15  | 16 | 17   | 18 | 19  | 20  | 21  | 22 | 23  | 24 | СРЕДНЕЕ<br>MEAN |
|---------------------------|----|----|-----|----|----|----|----|-----|----|-----|-----|----|-----|-----|-----|----|------|----|-----|-----|-----|----|-----|----|-----------------|
| 1                         | 55 | 48 | 43  | 50 | 61 | 71 | 71 | 70  | 71 | 71  | 71  | 70 | 70  | 70  | 72  | 70 | 69   | 71 | 63  | 58  | 59  | 59 | 48  | 34 | 62              |
| 2                         | 53 | 53 | 37  | 43 | 36 | 67 | 71 | 71  | 71 | 72  | 72  | 71 | 70  | 67  | 67  | 72 | 71   | 59 | 59  | 55  | 55  | 54 | 50  | 51 | 53              |
| 3                         | 42 | 42 | 40  | 53 | 65 | 73 | 77 | 78  | 77 | 75  | 76  | 78 | 79  | 73  | 64  | 69 | 65   | 71 | 71  | 72  | 70  | 73 | 72  | 63 | 68              |
| 4                         | 50 | 44 | 63  | 61 | 66 | 77 | 55 | 52  | 55 | 48  | 35  | 45 | 52  | 51  | 45  | 56 | 57   | 48 | 48  | 61  | 70  | 46 | 42  | 41 | 55              |
| 5                         | 38 | 38 | 42  | 40 | 52 | 33 | 62 | 54  | 67 | 60  | 69  | 69 | 63  | 64  | 47  | 44 | 41   | 55 | 54  | 66  | 66  | 55 | 42  | 44 | 54              |
| 6                         | 26 | 30 | 32  | 37 | 44 | 33 | 33 | 42  | 56 | 61  | 46  | 57 | 63  | 42  | -25 | 73 | -103 | 51 | -57 | -36 | -44 | 4  | -10 | 22 | 7               |
| 7                         | 51 | 36 | -36 | 23 | 1  | 24 | 23 | 3   | 13 | -10 | -14 | 13 | 6   | 11  | 33  | 40 | 40   | 52 | 54  | 59  | 62  | 57 | 56  | 50 | 15              |
| 8                         | 40 | 43 | 42  | 43 | 46 | 52 | 66 | 55  | 55 | 66  | 77  | 77 | 71  | 63  | 56  | 54 | 55   | 61 | 62  | 58  | 55  | 57 | 62  | 57 | 37              |
| 9                         | 46 | 42 | 48  | 34 | 59 | 63 | 67 | 70  | 75 | 72  | 72  | 75 | 77  | 77  | 59  | 48 | 59   | 55 | 50  | 55  | 56  | 58 | 53  | 25 | 59              |
| 10                        | 51 | 52 | 54  | 55 | 60 | 54 | 50 | 103 | 92 | 92  | 61  | 99 | 25  | 27  | 27  | 26 | 29   | 31 | 14  | 12  | 24  | 29 | 29  | 27 | 45              |
| 11                        | 22 | 29 | 29  | 31 | 42 | 59 | 60 | 59  | 56 | 59  | 61  | 58 | 59  | 58  | 51  | 42 | 51   | 27 | 24  | 21  | 38  | 47 | 52  | 39 | 44              |
| 12                        | 36 | 33 | 47  | 43 | 35 | 48 | 30 | 51  | 55 | 53  | 53  | 55 | 60  | 59  | 73  | 70 | 47   | 58 | 57  | 53  | 52  | 47 | 52  | 53 | 52              |
| 13                        | 49 | 47 | 40  | 19 | 53 | 59 | 65 | 67  | 65 | 65  | 65  | 64 | 66  | 63  | 61  | 63 | 79   | 66 | 50  | 60  | 61  | 60 | 52  | 57 | 60              |
| 14                        | 51 | 51 | 51  | 55 | 53 | 70 | 67 | 59  | 67 | 65  | 68  | 67 | 66  | 69  | 67  | 72 | 69   | 69 | 68  | 68  | 65  | 60 | 62  | 56 | 64              |
| 15                        | 42 | 40 | 50  | 60 | 71 | 76 | 77 | 77  | 72 | 74  | 73  | 76 | 76  | 76  | 76  | 76 | 75   | 75 | 74  | 73  | 72  | 71 | 67  | 62 | 70              |
| 16                        | 53 | 49 | 54  | 60 | 71 | 80 | 82 | 79  | 78 | 76  | 75  | 76 | 76  | 74  | 73  | 75 | 76   | 75 | 75  | 72  | 71  | 67 | 53  | 50 | 71              |
| 17                        | 54 | 52 | 56  | 63 | 69 | 76 | 79 | 78  | 77 | 77  | 77  | 82 | 78  | 77  | 77  | 76 | 78   | 76 | 73  | 73  | 72  | 71 | 67  | 51 | 72              |
| 18                        | 55 | 55 | 59  | 63 | 70 | 73 | 83 | 83  | 83 | 83  | 83  | 83 | 83  | 83  | 84  | 85 | 83   | 81 | 83  | 85  | 87  | 88 | 81  | 79 | 77              |
| 19                        | 50 | 44 | 41  | 45 | 53 | 61 | 59 | 59  | 70 | 66  | 64  | 56 | 61  | 63  | 64  | 68 | 64   | 67 | 69  | 70  | 70  | 71 | 68  | 62 | 62              |
| 20                        | 60 | 58 | 55  | 60 | 65 | 70 | 70 | 67  | 63 | 69  | 54  | 41 | 48  | 44  | 44  | 47 | 51   | 51 | 56  | 64  | 64  | 64 | 64  | 60 | 59              |
| 21                        | 55 | 49 | 44  | 59 | 69 | 64 | 66 | 66  | 69 | 67  | 70  | 71 | 72  | 66  | 65  | 49 | 64   | 63 | 68  | 66  | 62  | 62 | 63  | 61 | 62              |
| 22                        | 52 | 47 | 46  | 59 | 54 | 64 | 66 | 61  | 63 | 63  | 60  | 59 | 44  | 47  | 46  | 48 | 48   | 48 | 64  | 55  | 62  | 63 | 65  | 65 | 56              |
| 23                        | 61 | 58 | 54  | 67 | 67 | 64 | 68 | 69  | 63 | 62  | 69  | 62 | 58  | 54  | 54  | 59 | 69   | 69 | 64  | 63  | 68  | 67 | 64  | 61 | 62              |
| 24                        | 61 | 59 | 61  | 64 | 67 | 73 | 62 | 84  | 73 | 75  | 61  | 74 | 77  | 61  | 61  | 80 | 60   | 75 | 72  | 75  | 67  | 55 | 77  | 50 | 72              |
| 25                        | 55 | 49 | 43  | 52 | 58 | 66 | 67 | 70  | 69 | 70  | 71  | 76 | 70  | 69  | 69  | 67 | 69   | 59 | 55  | 65  | 65  | 65 | 63  | 57 | 53              |
| 26                        | 51 | 56 | 52  | 55 | 63 | 70 | 79 | 68  | 96 | 91  | 83  | 79 | 105 | 102 | 97  | 97 | 95   | 86 | 71  | 62  | 67  | 66 | 61  | 39 | 73              |
| 27                        | 3  | 13 | 47  | 50 | 43 | 58 | 62 | 51  | 4  | 48  | 59  | 57 | 51  | 27  | 28  | 32 | 24   | 16 | 19  | 30  | 43  | 57 | 50  | 48 | 38              |
| 28                        | 38 | 43 | 46  | 46 | 41 | 51 | 65 | 63  | 66 | 51  | 65  | 62 | 69  | 60  | 4   | 21 | 43   | 44 | 54  | 69  | 46  | 42 | 43  | 38 | 37              |
| 29                        | 5  | 7  | 14  | 53 | 60 | 66 | 59 | 59  | 55 | 62  | 46  | 18 | 30  | 18  | 43  | 11 | 11   | 21 | 23  | 31  | 39  | 36 | 26  | 29 | 26              |
| 30                        | 16 | 25 | 24  | 36 | 43 | 49 | 46 | 52  | 52 | 47  | 49  | 49 | 52  | 50  | 50  | 58 | 52   | 52 | 51  | 52  | 56  | 56 | 55  | 51 | 47              |
| СРЕДНЕЕ<br>ПО ВСЕМ ДНЯМ   | 46 | 41 | 40  | 49 | 54 | 61 | 64 | 64  | 62 | 63  | 62  | 61 | 57  | 55  | 52  | 53 | 53   | 55 | 53  | 54  | 57  | 56 | 55  | 48 | 55              |
| СРЕДНЕЕ<br>ПО СПЕЦИАЛЬНЫМ | 47 | 46 | 49  | 57 | 66 | 74 | 77 | 77  | 75 | 75  | 75  | 77 | 76  | 73  | 72  | 72 | 74   | 73 | 71  | 70  | 69  | 67 | 69  |    | 66              |
| СРЕДНЕЕ<br>ПО СПЕЦИАЛЬНЫМ | 4  | 13 | 22  | 30 | 34 | 42 | 47 | 59  | 68 | 42  | 49  | 39 | 12  | 18  | 4   | 6  | 1    | 12 | 12  | 19  | 25  | 35 | 51  | 26 | 25              |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

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ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 180 | 188 | 193 | 198 | 198 | 197 | 195 | 192 | 192 | 193 | 193 | 192 | 191 | 190 | 190 | 188 | 188 | 184 | 177 | 180 | 184 | 188 | 190 | 192 | 190             |
| 2 Q           | 194 | 196 | 198 | 195 | 192 | 195 | 195 | 192 | 191 | 191 | 191 | 191 | 191 | 191 | 190 | 186 | 187 | 186 | 187 | 186 | 186 | 188 | 188 | 188 | 191             |
| 3 Q           | 191 | 193 | 195 | 192 | 189 | 190 | 190 | 188 | 187 | 187 | 186 | 186 | 186 | 185 | 184 | 184 | 186 | 185 | 185 | 185 | 185 | 183 | 181 | 180 | 187             |
| 4             | 182 | 186 | 188 | 185 | 186 | 188 | 195 | 204 | 220 | 240 | 231 | 212 | 191 | 174 | 181 | 190 | 190 | 161 | 144 | 155 | 136 | 145 | 168 | 181 | 185             |
| 5             | 185 | 188 | 191 | 191 | 192 | 193 | 193 | 191 | 191 | 190 | 189 | 189 | 188 | 186 | 184 | 166 | 172 | 167 | 148 | 132 | 132 | 151 | 169 | 171 | 177             |
| 6 D           | 177 | 183 | 188 | 191 | 195 | 198 | 201 | 205 | 204 | 198 | 189 | 156 | 180 | 154 | 99  | 77  | 97  | 3   | -91 | -23 | -25 | 77  | 164 | 186 | 133             |
| 7 D           | 199 | 216 | 233 | 248 | 276 | 254 | 243 | 257 | 259 | 256 | 250 | 224 | 206 | 185 | 182 | 186 | 196 | 199 | 199 | 199 | 198 | 201 | 204 | 201 | 220             |
| 8             | 201 | 204 | 204 | 202 | 203 | 205 | 200 | 200 | 199 | 198 | 198 | 196 | 199 | 202 | 194 | 195 | 196 | 193 | 192 | 193 | 190 | 188 | 187 | 187 | 197             |
| 9             | 193 | 200 | 203 | 200 | 199 | 200 | 199 | 197 | 197 | 197 | 197 | 199 | 200 | 203 | 195 | 196 | 198 | 195 | 191 | 185 | 184 | 185 | 186 | 186 | 195             |
| 10 D          | 192 | 198 | 200 | 195 | 196 | 196 | 197 | 206 | 238 | 295 | 330 | 237 | 165 | 222 | 220 | 216 | 211 | 206 | 196 | 179 | 195 | 202 | 206 | 207 | 213             |
| 11            | 206 | 208 | 208 | 206 | 206 | 205 | 203 | 200 | 199 | 200 | 202 | 207 | 201 | 202 | 198 | 181 | 182 | 175 | 162 | 170 | 172 | 180 | 185 | 190 | 194             |
| 12            | 198 | 202 | 204 | 202 | 203 | 207 | 207 | 206 | 204 | 206 | 200 | 199 | 199 | 197 | 184 | 153 | 157 | 172 | 176 | 183 | 186 | 189 | 193 | 193 | 193             |
| 13            | 195 | 199 | 199 | 196 | 195 | 196 | 195 | 194 | 193 | 195 | 195 | 196 | 198 | 191 | 189 | 188 | 185 | 186 | 187 | 186 | 184 | 185 | 187 | 189 | 192             |
| 14            | 195 | 198 | 197 | 194 | 191 | 193 | 190 | 190 | 190 | 190 | 191 | 191 | 191 | 188 | 188 | 185 | 185 | 186 | 187 | 187 | 187 | 188 | 189 | 189 | 190             |
| 15 Q          | 188 | 190 | 193 | 193 | 190 | 188 | 190 | 190 | 190 | 191 | 192 | 191 | 191 | 190 | 189 | 188 | 188 | 188 | 188 | 188 | 187 | 188 | 190 | 193 | 190             |
| 16 Q          | 197 | 198 | 196 | 193 | 194 | 193 | 191 | 190 | 189 | 189 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 190 | 190 | 190 | 190             |
| 17 Q          | 193 | 194 | 196 | 193 | 191 | 191 | 190 | 190 | 190 | 190 | 191 | 190 | 190 | 189 | 189 | 188 | 186 | 185 | 186 | 187 | 187 | 188 | 190 | 191 | 190             |
| 18            | 192 | 192 | 191 | 189 | 189 | 191 | 190 | 188 | 187 | 186 | 186 | 186 | 185 | 185 | 185 | 185 | 185 | 185 | 183 | 182 | 177 | 173 | 177 | 181 | 185             |
| 19            | 186 | 193 | 195 | 193 | 194 | 193 | 192 | 194 | 193 | 193 | 195 | 193 | 195 | 192 | 189 | 186 | 182 | 186 | 188 | 188 | 188 | 190 | 191 | 192 | 191             |
| 20            | 194 | 195 | 194 | 191 | 189 | 190 | 189 | 193 | 196 | 198 | 199 | 202 | 198 | 190 | 186 | 172 | 177 | 175 | 173 | 178 | 183 | 190 | 192 | 194 | 189             |
| 21            | 195 | 195 | 196 | 195 | 196 | 196 | 195 | 194 | 194 | 193 | 193 | 192 | 187 | 188 | 183 | 182 | 186 | 187 | 180 | 159 | 154 | 168 | 178 | 182 | 186             |
| 22            | 186 | 192 | 194 | 195 | 196 | 196 | 195 | 194 | 194 | 195 | 196 | 198 | 196 | 192 | 183 | 170 | 162 | 172 | 177 | 183 | 188 | 191 | 191 | 188 | 189             |
| 23            | 188 | 191 | 195 | 195 | 195 | 196 | 195 | 194 | 195 | 195 | 199 | 205 | 205 | 202 | 198 | 193 | 188 | 186 | 187 | 190 | 191 | 193 | 194 | 195 | 194             |
| 24            | 194 | 196 | 195 | 191 | 191 | 193 | 191 | 191 | 190 | 191 | 191 | 191 | 190 | 188 | 188 | 188 | 187 | 187 | 186 | 181 | 174 | 172 | 159 | 167 | 186             |
| 25            | 180 | 190 | 198 | 196 | 196 | 196 | 195 | 195 | 195 | 194 | 194 | 193 | 193 | 193 | 192 | 191 | 190 | 187 | 185 | 183 | 186 | 188 | 190 | 191 | 191             |
| 26            | 192 | 194 | 192 | 190 | 191 | 191 | 191 | 190 | 188 | 190 | 191 | 191 | 191 | 191 | 190 | 186 | 164 | 174 | 170 | 112 | 110 | 145 | 165 | 164 | 177             |
| 27 D          | 180 | 199 | 207 | 206 | 208 | 213 | 207 | 207 | 230 | 225 | 219 | 213 | 206 | 197 | 184 | 187 | 190 | 183 | 151 | 156 | 178 | 188 | 193 | 195 | 197             |
| 28            | 196 | 202 | 203 | 204 | 206 | 208 | 209 | 225 | 251 | 250 | 218 | 207 | 184 | 164 | 152 | 136 | 161 | 192 | 192 | 177 | 121 | 120 | 137 | 149 | 186             |
| 29 D          | 168 | 186 | 190 | 216 | 219 | 228 | 232 | 249 | 298 | 288 | 326 | 241 | 198 | 225 | 75  | 166 | 162 | 196 | 206 | 207 | 207 | 207 | 207 | 207 | 213             |
| 30            | 212 | 215 | 214 | 213 | 214 | 209 | 208 | 207 | 207 | 209 | 211 | 208 | 206 | 203 | 201 | 196 | 190 | 193 | 196 | 198 | 199 | 200 | 199 | 199 | 204             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 191 | 196 | 198 | 198 | 199 | 200 | 199 | 200 | 205 | 207 | 208 | 199 | 193 | 192 | 182 | 180 | 181 | 179 | 173 | 172 | 170 | 178 | 185 | 187 | 190             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 193 | 194 | 196 | 193 | 191 | 191 | 191 | 190 | 189 | 190 | 190 | 189 | 189 | 189 | 188 | 187 | 187 | 186 | 187 | 187 | 187 | 187 | 188 | 188 | 189             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 183 | 196 | 204 | 211 | 219 | 218 | 216 | 225 | 246 | 252 | 263 | 214 | 191 | 197 | 152 | 166 | 171 | 157 | 132 | 144 | 151 | 175 | 195 | 199 | 195             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

НОЯБРЬ 2000 года  
NOVEMBER 2000 year

ШИРОТА 60.12 ДЛИНОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17   | 18  | 19   | 20  | 21   | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|-----|-----|-----------------|
| 1             | 123 | 128 | 132 | 141 | 142 | 145 | 143 | 140 | 140 | 141 | 140 | 140 | 140 | 138 | 138 | 137 | 135  | 132 | 122  | 124 | 128  | 132 | 130 | 126 | 135             |
| 2 Q           | 130 | 132 | 133 | 135 | 136 | 140 | 142 | 139 | 138 | 138 | 138 | 138 | 138 | 136 | 135 | 134 | 134  | 133 | 133  | 132 | 130  | 132 | 132 | 129 | 135             |
| 3 Q           | 128 | 130 | 132 | 133 | 133 | 137 | 138 | 137 | 137 | 137 | 136 | 135 | 136 | 133 | 128 | 127 | 130  | 132 | 131  | 131 | 130  | 130 | 128 | 123 | 132             |
| 4             | 122 | 124 | 132 | 136 | 138 | 137 | 135 | 143 | 160 | 173 | 162 | 148 | 126 | 107 | 119 | 130 | 130  | 101 | 84   | 100 | 85   | 85  | 105 | 117 | 125             |
| 5             | 121 | 122 | 127 | 129 | 131 | 134 | 135 | 135 | 136 | 136 | 135 | 134 | 133 | 129 | 122 | 104 | 108  | 108 | 90   | 79  | 79   | 87  | 105 | 107 | 118             |
| 6 D           | 107 | 115 | 121 | 126 | 132 | 132 | 134 | 140 | 144 | 141 | 128 | 95  | 113 | 70  | 18  | -25 | -120 | -80 | -167 | -97 | -105 | 4   | 90  | 101 | 56              |
| 7 D           | 105 | 125 | 142 | 159 | 196 | 177 | 171 | 177 | 173 | 169 | 166 | 141 | 126 | 113 | 118 | 122 | 136  | 140 | 141  | 142 | 143  | 144 | 146 | 142 | 146             |
| 8             | 140 | 141 | 140 | 141 | 142 | 146 | 147 | 144 | 140 | 140 | 148 | 146 | 146 | 146 | 136 | 136 | 138  | 138 | 136  | 135 | 130  | 130 | 131 | 130 | 139             |
| 9             | 132 | 138 | 142 | 142 | 142 | 145 | 145 | 144 | 146 | 146 | 145 | 147 | 150 | 152 | 140 | 136 | 142  | 138 | 132  | 128 | 127  | 128 | 128 | 119 | 139             |
| 10 D          | 133 | 139 | 141 | 137 | 139 | 137 | 151 | 166 | 190 | 249 | 264 | 999 | 95  | 153 | 151 | 145 | 139  | 135 | 124  | 106 | 125  | 135 | 138 | 139 | 149             |
| 11            | 136 | 141 | 141 | 139 | 143 | 145 | 146 | 143 | 142 | 143 | 145 | 149 | 144 | 138 | 138 | 120 | 123  | 107 | 96   | 109 | 108  | 120 | 126 | 126 | 132             |
| 12            | 134 | 138 | 143 | 139 | 138 | 146 | 146 | 147 | 145 | 147 | 145 | 141 | 143 | 139 | 132 | 101 | 100  | 116 | 120  | 125 | 127  | 128 | 134 | 134 | 134             |
| 13            | 134 | 138 | 138 | 136 | 137 | 139 | 140 | 140 | 140 | 140 | 141 | 141 | 142 | 138 | 134 | 135 | 132  | 132 | 131  | 129 | 127  | 129 | 130 | 131 | 136             |
| 14            | 134 | 138 | 137 | 134 | 136 | 139 | 135 | 135 | 135 | 134 | 136 | 136 | 136 | 134 | 132 | 132 | 130  | 131 | 132  | 132 | 130  | 131 | 132 | 129 | 134             |
| 15 Q          | 127 | 129 | 132 | 137 | 137 | 138 | 140 | 139 | 139 | 140 | 142 | 142 | 140 | 140 | 139 | 139 | 139  | 139 | 139  | 138 | 136  | 137 | 137 | 138 | 138             |
| 16 Q          | 139 | 138 | 138 | 138 | 142 | 145 | 143 | 141 | 140 | 139 | 139 | 139 | 139 | 138 | 138 | 138 | 138  | 138 | 138  | 137 | 137  | 137 | 136 | 134 | 139             |
| 17 Q          | 135 | 136 | 139 | 139 | 139 | 141 | 141 | 141 | 141 | 141 | 141 | 142 | 141 | 139 | 139 | 138 | 137  | 136 | 137  | 136 | 137  | 137 | 137 | 136 | 139             |
| 18            | 135 | 135 | 135 | 135 | 137 | 142 | 142 | 141 | 140 | 139 | 139 | 139 | 139 | 138 | 137 | 137 | 138  | 138 | 138  | 136 | 132  | 126 | 127 | 128 | 136             |
| 19            | 128 | 132 | 133 | 132 | 138 | 138 | 137 | 141 | 141 | 140 | 141 | 137 | 139 | 138 | 135 | 134 | 129  | 134 | 136  | 136 | 136  | 139 | 139 | 137 | 136             |
| 20            | 139 | 139 | 137 | 136 | 137 | 139 | 137 | 137 | 141 | 142 | 141 | 140 | 138 | 129 | 126 | 113 | 120  | 121 | 118  | 125 | 129  | 136 | 138 | 138 | 133             |
| 21            | 137 | 137 | 135 | 136 | 140 | 141 | 141 | 140 | 138 | 141 | 141 | 141 | 137 | 133 | 126 | 123 | 132  | 132 | 127  | 114 | 101  | 114 | 124 | 128 | 132             |
| 22            | 129 | 132 | 133 | 136 | 137 | 141 | 141 | 139 | 139 | 141 | 141 | 142 | 135 | 132 | 123 | 111 | 104  | 111 | 123  | 128 | 133  | 137 | 138 | 134 | 132             |
| 23            | 133 | 135 | 137 | 138 | 139 | 141 | 142 | 141 | 141 | 141 | 143 | 146 | 147 | 144 | 140 | 138 | 135  | 133 | 133  | 137 | 138  | 139 | 139 | 139 | 139             |
| 24            | 139 | 140 | 140 | 137 | 138 | 141 | 143 | 143 | 141 | 141 | 143 | 140 | 140 | 140 | 139 | 139 | 139  | 137 | 135  | 133 | 121  | 115 | 111 | 110 | 135             |
| 25            | 124 | 131 | 138 | 138 | 140 | 140 | 142 | 143 | 142 | 142 | 142 | 141 | 141 | 141 | 140 | 137 | 134  | 131 | 128  | 130 | 132  | 134 | 136 | 134 | 137             |
| 26            | 135 | 137 | 134 | 133 | 137 | 137 | 142 | 143 | 144 | 144 | 144 | 143 | 150 | 150 | 147 | 143 | 123  | 128 | 119  | 50  | 63   | 95  | 111 | 99  | 127             |
| 27 D          | 103 | 123 | 146 | 146 | 145 | 156 | 149 | 148 | 151 | 164 | 161 | 155 | 145 | 130 | 118 | 122 | 121  | 113 | 85   | 91  | 117  | 132 | 136 | 135 | 133             |
| 28            | 133 | 140 | 142 | 141 | 143 | 148 | 143 | 156 | 179 | 183 | 151 | 151 | 118 | 98  | 77  | 71  | 101  | 130 | 128  | 111 | 65   | 62  | 79  | 88  | 122             |
| 29 D          | 91  | 112 | 135 | 150 | 148 | 163 | 165 | 186 | 230 | 214 | 255 | 176 | 113 | 148 | -6  | 95  | 92   | 127 | 139  | 141 | 143  | 142 | 139 | 139 | 143             |
| 30            | 144 | 146 | 145 | 146 | 151 | 150 | 148 | 148 | 147 | 148 | 150 | 148 | 147 | 144 | 142 | 140 | 132  | 134 | 138  | 140 | 142  | 142 | 142 | 140 | 144             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 128 | 133 | 137 | 138 | 141 | 143 | 143 | 145 | 149 | 151 | 151 | 142 | 136 | 134 | 123 | 122 | 119  | 122 | 116  | 115 | 114  | 121 | 127 | 127 | 132             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |     |     |                 |
| ПО СПОК. ДНЯМ | 132 | 133 | 135 | 136 | 137 | 140 | 141 | 139 | 139 | 139 | 139 | 139 | 139 | 137 | 136 | 135 | 136  | 136 | 136  | 135 | 134  | 135 | 134 | 132 | 136             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 108 | 123 | 137 | 144 | 152 | 153 | 154 | 163 | 178 | 187 | 195 | 142 | 118 | 123 | 80  | 92  | 74   | 87  | 64   | 77  | 85   | 111 | 130 | 131 | 125             |

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ДЕКАБРЬ 2000 года  
DECEMBER 2000 year

ШИРОТА 56.12 АСШГОТА 151.02 ГРАДУСОВ  
LATITUDE 56.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

СКЛОНЕНИЕ D=-13.00 ГРАДУСОВ+ТАБЛИЧНОЕ ЗНАЧЕНИЕ В ДЕСЯТЫХ ДОЛЯХ МИНУТЫ  
DECLINATION D= -13.00 DEGREES +TABLE VALUE IN TENTHS OF MINUTES

| ЧАСЫ<br>TIME  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | СРЕДНЕЕ<br>MEAN |     |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|-----|
| 1             | -317 | 316  | -321 | 327  | 338  | 339  | -330 | -326 | 326  | -328 | 319  | 340  | 323  | 295  | -301 | -301 | -275 | 290  | 315  | 314  | -314 | -313 | -308 | -305 | 310             |     |
| 2             | 309  | 312  | -317 | -323 | 331  | -330 | 322  | 317  | -321 | -322 | 321  | -321 | -318 | 317  | 314  | 273  | 296  | -297 | -297 | -290 | 296  | -299 | -294 | -297 | -310            |     |
| 3             | 307  | -312 | -310 | 322  | 325  | -315 | 319  | 309  | -316 | -329 | -324 | -296 | 310  | 303  | 255  | 254  | -280 | 282  | 344  | -279 | 294  | 295  | 295  | -307 | -304            |     |
| 4             | 319  | 339  | 344  | 349  | -348 | -341 | 333  | -333 | 332  | 340  | -317 | -291 | -292 | -314 | 321  | 318  | 312  | 307  | -307 | -301 | -321 | -307 | -312 | -325 | -322            |     |
| 5             | -324 | 337  | -347 | 355  | 353  | -344 | -328 | -315 | -315 | -312 | 312  | 312  | 310  | 284  | -296 | -311 | -319 | 312  | 298  | 298  | -301 | -300 | -296 | -290 | -316            |     |
| 6             | -300 | 301  | -301 | 306  | 314  | -315 | -315 | -310 | -323 | -313 | -318 | 308  | 295  | 310  | -307 | -301 | -221 | -275 | 301  | -290 | -287 | -322 | -306 | -307 | 302             |     |
| 7 D           | -319 | 356  | 361  | 380  | 350  | 342  | 328  | -315 | 341  | -332 | -291 | 301  | -298 | 301  | 305  | 306  | 293  | -273 | 257  | 255  | 267  | 296  | -337 | 333  | -314            |     |
| 8 D           | 317  | 312  | -330 | -325 | -320 | 307  | 317  | 316  | -330 | -348 | -329 | 302  | -304 | -298 | 204  | 276  | 314  | -303 | -290 | -271 | -281 | 310  | 323  | -312 | -307            |     |
| 9 D           | -324 | 334  | 320  | 324  | 319  | 348  | 310  | -341 | 325  | 342  | 318  | 340  | 328  | 321  | 324  | 360  | 306  | 275  | -319 | -305 | -321 | -349 | -346 | -332 | 327             |     |
| 10 D          | -326 | -344 | -352 | -253 | -330 | 317  | -312 | -303 | -321 | -291 | -210 | -311 | -312 | 309  | -310 | -307 | -312 | -233 | -305 | 289  | 286  | -316 | -310 | -305 | -313            |     |
| 11            | -305 | -310 | 311  | 327  | 323  | 319  | -321 | -302 | -301 | -316 | -308 | -301 | 294  | 312  | 307  | -308 | -306 | -304 | -290 | 290  | 297  | -301 | -326 | -301 | -308            |     |
| 12            | 295  | -307 | 321  | -320 | 319  | 319  | 315  | 314  | -318 | -310 | -296 | -281 | -310 | 309  | -310 | 306  | -307 | -298 | -290 | -310 | 312  | 291  | 298  | -309 | -307            |     |
| 13            | 322  | 329  | 343  | 326  | 315  | -311 | -314 | -314 | 309  | 314  | 311  | 304  | -302 | -307 | -307 | -306 | 306  | -306 | -305 | -300 | -303 | -298 | -299 | -301 | -311            |     |
| 14            | -310 | -316 | 319  | 321  | 316  | -308 | -301 | -302 | 302  | 301  | -290 | 307  | 307  | -306 | 304  | -300 | -301 | -288 | 284  | 290  | 288  | 294  | -295 | -314 | -303            |     |
| 15 Q          | 308  | -314 | -321 | -321 | 318  | 313  | 309  | -307 | -306 | -303 | -307 | -304 | -305 | 305  | -300 | -297 | -295 | -300 | -298 | -295 | 294  | 294  | -298 | -303 | -305            |     |
| 16 Q          | -307 | 307  | 314  | -323 | -321 | 312  | 303  | 303  | -301 | -301 | -303 | -302 | 304  | -311 | -303 | -300 | 288  | -294 | -299 | -288 | -277 | 283  | 295  | 313  | -302            |     |
| 17            | 317  | 316  | 323  | 321  | -318 | -317 | 320  | 313  | -311 | -312 | -318 | 321  | -300 | -270 | 272  | 260  | -280 | -254 | 242  | 331  | 295  | 298  | 308  | 317  | -301            |     |
| 18            | 301  | -321 | 325  | 332  | -327 | -327 | -321 | -317 | 314  | 294  | -258 | -312 | -314 | -310 | 307  | 295  | -315 | 242  | -272 | -266 | -240 | -260 | 294  | 317  | 302             |     |
| 19            | 333  | -335 | 340  | 341  | 325  | -314 | -312 | -311 | -314 | 315  | 310  | 304  | -311 | -307 | -305 | -298 | 305  | -310 | 301  | -276 | -287 | -297 | -305 | -301 | -311            |     |
| 20 Q          | 307  | 317  | 325  | -329 | -324 | -316 | -310 | 309  | 310  | -312 | -295 | 312  | 309  | 309  | -309 | -309 | 296  | 295  | -294 | -298 | 303  | 300  | 295  | -301 | -308            |     |
| 21            | 314  | 320  | -324 | -330 | -329 | 320  | 314  | 310  | 310  | -305 | -307 | 300  | 295  | 290  | 309  | -296 | -285 | -295 | 291  | 298  | 296  | 291  | 291  | 291  | -305            |     |
| 22            | -298 | 310  | 320  | -335 | -326 | -317 | 315  | -319 | -324 | 318  | 308  | -305 | -300 | -303 | -301 | 281  | 278  | -274 | -295 | -291 | -278 | -289 | 351  | 330  | 338             |     |
| 23 D          | -340 | 337  | -355 | 375  | 384  | -352 | 374  | -383 | -379 | 371  | 372  | -349 | -301 | -298 | -279 | 280  | 284  | -277 | 254  | -303 | -320 | -324 | -318 | -317 | -330            |     |
| 24            | 317  | 312  | -314 | 332  | 358  | 340  | 332  | -329 | -329 | -323 | -319 | -314 | 313  | -311 | -310 | -310 | -310 | -309 | 307  | -306 | 310  | 305  | 300  | 299  | -317            |     |
| 25            | 280  | 291  | 295  | 305  | -305 | -277 | -278 | 307  | 307  | 305  | 305  | 305  | 300  | 311  | 287  | 262  | 253  | 276  | 303  | -214 | -290 | -300 | -296 | 302  | 307             | 294 |
| 26            | 307  | 307  | 311  | 314  | 313  | 311  | 311  | 313  | -308 | -310 | -303 | 311  | 311  | 307  | 302  | -300 | -298 | -289 | -286 | -275 | -271 | -319 | 284  | 300  | 303             |     |
| 27            | 306  | 310  | 323  | -337 | -332 | 314  | -309 | -301 | 304  | 304  | -307 | -301 | -319 | 309  | 310  | 300  | 260  | 236  | 223  | 264  | -309 | -318 | -315 | 314  | 302             |     |
| 28            | 319  | 321  | -335 | 339  | 333  | -328 | -322 | -310 | -310 | 329  | 320  | 314  | -314 | -312 | -295 | -299 | 302  | 310  | 308  | 297  | 294  | 297  | 294  | -293 | 312             |     |
| 29            | 301  | 301  | 311  | -323 | -334 | 321  | 322  | 331  | -300 | 303  | 321  | 310  | 308  | 301  | 305  | 300  | -303 | 280  | 291  | -299 | 294  | 301  | 306  | 300  | 312             |     |
| 30 Q          | 309  | 315  | 328  | 329  | 324  | 317  | -307 | 306  | 305  | 309  | 307  | -311 | -309 | 300  | 297  | 304  | -304 | 303  | -301 | -298 | -297 | -298 | 298  | 310  | 302             |     |
| 31 Q          | 323  | 321  | 319  | -321 | 324  | 318  | 307  | -304 | 303  | 296  | 302  | 300  | 305  | -305 | -305 | 303  | -300 | -292 | 298  | -297 | 298  | 301  | -297 | 296  | -300            |     |
| СРЕДНЕЕ       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |     |
| ПО ВСЕМ ДНЯМ  | 313  | -319 | -320 | 331  | 330  | 322  | 313  | 310  | 319  | 318  | -312 | 310  | -290 | 304  | 298  | 298  | 295  | 290  | -293 | -291 | -295 | -302 | -306 | -308 | 309             |     |
| Q СРЕДНЕЕ     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |     |
| ПО СПОН. ДНЯМ | 311  | 310  | 321  | -325 | -322 | 315  | 307  | 306  | 303  | -305 | -303 | 307  | 300  | 300  | 302  | 302  | 297  | 299  | -298 | -295 | -294 | 295  | 297  | 305  | 306             |     |
| D СРЕДНЕЕ     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |     |
| ПО ВСЕМ ДНЯМ  | 323  | -337 | 345  | 351  | -343 | -323 | 345  | 332  | 342  | -336 | -324 | -322 | 309  | 305  | -234 | 305  | 302  | 293  | 285  | -295 | -310 | -327 | -320 | 318  |                 |     |

ГЕОМЕТРИЧЕСКОЕ ПОЛЕ  
GEOMETRIC FIELD

ОБСЕРВАТОРИЯ НАГАЙАН  
OBSERVATORY NAGAYAN

ДЕКАБРЬ 2000 года  
DECEMBER 2000 year

ШИРОТА 60.12  
LATITUDE 60.12

ДЛИНОТА 151.02 ГРАДУСОВ  
LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ГОРИЗОНТАЛЬНАЯ СОСТАВЛЯЮЩАЯ И В НАНОТЕСЛАХ=17500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
HORIZONTAL INTENSITY IN IN NANOTESLA=17500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | СРЕДНЕЕ<br>MEAN |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|
| 1             | 49 | 47 | 41 | 40 | 40 | 51 | 58 | 59 | 60 | 61 | 62 | 57 | 55 | 55 | 47 | 54 | 49 | 40 | 36 | 52 | 56 | 57 | 55 | 50 | 53              |
| 2             | 44 | 43 | 41 | 40 | 51 | 50 | 59 | 53 | 54 | 53 | 55 | 53 | 51 | 54 | 57 | 51 | 50 | 54 | 53 | 57 | 70 | 70 | 57 | 60 | 60              |
| 3             | 55 | 51 | 50 | 50 | 55 | 73 | 74 | 59 | 61 | 60 | 50 | 19 | 34 | 50 | 53 | 55 | 58 | 61 | 71 | 67 | 71 | 72 | 58 | 52 | 61              |
| 4             | 52 | 49 | 51 | 51 | 54 | 55 | 59 | 60 | 51 | 55 | 55 | 51 | 45 | 59 | 53 | 55 | 70 | 72 | 71 | 70 | 79 | 52 | 58 | 55 | 51              |
| 5             | 53 | 50 | 57 | 52 | 53 | 63 | 63 | 65 | 63 | 69 | 70 | 58 | 68 | 65 | 67 | 70 | 70 | 77 | 77 | 76 | 77 | 78 | 77 | 75 | 59              |
| 6             | 74 | 72 | 69 | 65 | 75 | 75 | 55 | 70 | 70 | 59 | 71 | 73 | 74 | 65 | 67 | 73 | 52 | 55 | 67 | 71 | 75 | 73 | 65 | 64 | 59              |
| 7 D           | 62 | 64 | 65 | 67 | 70 | 72 | 67 | 71 | 73 | 59 | 67 | 52 | 51 | 59 | 59 | 70 | 69 | 69 | 65 | 61 | 65 | 57 | 58 | 70 | 57              |
| 8 D           | 77 | 71 | 61 | 70 | 84 | 81 | 79 | 83 | 85 | 75 | 78 | 68 | 77 | 68 | 55 | 41 | 43 | 53 | 55 | 52 | 53 | 60 | 70 | 75 | 58              |
| 9 D           | 59 | 63 | 53 | 59 | 73 | 63 | 57 | 65 | 67 | 65 | 60 | 72 | 72 | 69 | 70 | 73 | 62 | 50 | 39 | 55 | 51 | 58 | 59 | 71 | 63              |
| 10 D          | 60 | 56 | 56 | 55 | 63 | 65 | 65 | 72 | 69 | 59 | 55 | 71 | 59 | 70 | 71 | 71 | 74 | 71 | 75 | 69 | 59 | 64 | 69 | 69 | 67              |
| 11            | 75 | 71 | 52 | 63 | 67 | 69 | 72 | 61 | 79 | 70 | 71 | 70 | 70 | 75 | 74 | 74 | 75 | 71 | 73 | 70 | 79 | 71 | 75 | 75 | 71              |
| 12            | 70 | 60 | 55 | 63 | 68 | 70 | 72 | 72 | 71 | 71 | 57 | 73 | 57 | 73 | 74 | 75 | 79 | 75 | 71 | 69 | 70 | 72 | 65 | 59 | 71              |
| 13            | 67 | 70 | 75 | 73 | 75 | 72 | 75 | 75 | 79 | 76 | 75 | 73 | 74 | 73 | 77 | 70 | 77 | 77 | 77 | 77 | 70 | 75 | 70 | 68 | 75              |
| 14            | 67 | 73 | 75 | 69 | 80 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 83 | 83 | 82 | 78 | 79 | 79 | 75 | 76 | 75 | 75 | 70 | 68 | 78              |
| 15 D          | 57 | 70 | 75 | 79 | 82 | 81 | 81 | 81 | 81 | 79 | 79 | 73 | 79 | 80 | 81 | 79 | 79 | 79 | 82 | 81 | 80 | 83 | 77 | 71 | 79              |
| 16 D          | 71 | 67 | 73 | 79 | 84 | 84 | 61 | 80 | 81 | 61 | 81 | 62 | 81 | 82 | 85 | 84 | 53 | 82 | 82 | 83 | 83 | 81 | 77 | 77 | 59              |
| 17            | 75 | 74 | 71 | 71 | 74 | 74 | 75 | 75 | 73 | 72 | 61 | 58 | 59 | 73 | 58 | 40 | 55 | 56 | 45 | 53 | 58 | 64 | 67 | 63 | 56              |
| 18            | 69 | 60 | 53 | 66 | 70 | 57 | 61 | 67 | 59 | 62 | 50 | 60 | 60 | 67 | 69 | 70 | 75 | 53 | 63 | 69 | 63 | 62 | 66 | 52 | 65              |
| 19            | 37 | 57 | 64 | 68 | 69 | 70 | 71 | 70 | 71 | 71 | 60 | 59 | 69 | 69 | 70 | 70 | 71 | 71 | 73 | 71 | 71 | 70 | 63 | 59 | 68              |
| 20 D          | 57 | 58 | 60 | 65 | 71 | 75 | 74 | 73 | 73 | 74 | 74 | 77 | 78 | 78 | 75 | 79 | 77 | 75 | 74 | 75 | 74 | 75 | 70 | 62 | 72              |
| 21            | 53 | 60 | 65 | 63 | 73 | 77 | 79 | 73 | 75 | 74 | 79 | 79 | 79 | 77 | 76 | 81 | 80 | 83 | 81 | 83 | 85 | 85 | 81 | 77 | 76              |
| 22            | 75 | 55 | 50 | 67 | 73 | 81 | 81 | 79 | 75 | 73 | 75 | 75 | 75 | 77 | 83 | 80 | 75 | 73 | 82 | 87 | 80 | 85 | 74 | 66 | 70              |
| 23 D          | 51 | 58 | 40 | 53 | 52 | 51 | 40 | 34 | 54 | 49 | 55 | 29 | 29 | 23 | 35 | 40 | 49 | 49 | 42 | 55 | 59 | 63 | 57 | 55 | 35              |
| 24            | 50 | 51 | 48 | 44 | 50 | 55 | 60 | 59 | 60 | 60 | 55 | 59 | 60 | 59 | 71 | 71 | 71 | 73 | 75 | 72 | 72 | 73 | 75 | 75 | 55              |
| 25            | 77 | 72 | 72 | 75 | 63 | 87 | 83 | 83 | 81 | 81 | 79 | 33 | 77 | 60 | 55 | 52 | 66 | 69 | 68 | 69 | 70 | 72 | 72 | 75 | 74              |
| 26            | 74 | 69 | 65 | 64 | 58 | 79 | 74 | 78 | 70 | 70 | 72 | 77 | 70 | 77 | 70 | 76 | 70 | 75 | 72 | 73 | 70 | 72 | 71 | 60 | 73              |
| 27            | 60 | 61 | 60 | 75 | 73 | 85 | 83 | 57 | 39 | 54 | 83 | 20 | 33 | 73 | 77 | 61 | 58 | 40 | 53 | 59 | 61 | 63 | 67 | 63 | 71              |
| 28            | 59 | 55 | 53 | 63 | 53 | 71 | 72 | 71 | 75 | 61 | 70 | 75 | 74 | 75 | 77 | 73 | 72 | 77 | 73 | 77 | 73 | 77 | 75 | 73 | 72              |
| 29            | 73 | 57 | 69 | 68 | 63 | 67 | 67 | 65 | 65 | 59 | 63 | 52 | 61 | 65 | 69 | 75 | 82 | 75 | 75 | 75 | 77 | 79 | 77 | 68 | 59              |
| 30 D          | 60 | 55 | 57 | 64 | 71 | 75 | 70 | 79 | 78 | 73 | 70 | 72 | 51 | 59 | 60 | 71 | 73 | 74 | 74 | 74 | 71 | 71 | 67 | 63 | 59              |
| 31 D          | 52 | 62 | 64 | 62 | 70 | 78 | 80 | 60 | 70 | 75 | 75 | 77 | 77 | 75 | 75 | 75 | 77 | 77 | 75 | 70 | 77 | 77 | 75 | 71 | 73              |
| СРЕДНЕЕ       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |
| ПО ВСЕМ ДНЯМ  | 64 | 61 | 61 | 65 | 63 | 71 | 71 | 72 | 71 | 73 | 59 | 59 | 70 | 55 | 59 | 59 | 59 | 58 | 70 | 71 | 72 | 72 | 70 | 68 | 59              |
| В СРЕДНЕЕ     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |
| ПО СПОК. ДНЯМ | 63 | 60 | 60 | 71 | 75 | 79 | 75 | 79 | 78 | 77 | 70 | 77 | 70 | 75 | 70 | 78 | 70 | 77 | 78 | 75 | 77 | 77 | 73 | 59 | 75              |
| В СРЕДНЕЕ     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |
| ПО ВОЗМ. ДНЯМ | 64 | 63 | 63 | 69 | 64 | 64 | 60 | 70 | 69 | 61 | 61 | 55 | 63 | 57 | 59 | 55 | 60 | 53 | 59 | 60 | 61 | 62 | 57 | 70 | 52              |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ДЕКАБРЬ 2000 года  
DECEMBER 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ВЕРТИКАЛЬНАЯ СОСТАВЛЯЮЩАЯ Z В НАНОТЕСЛАХ=52600+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
VERTIKAL INTENSITY Z IN NANOTESLA=52600+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|
| 1             | 199 | 202 | 206 | 206 | 206 | 205 | 203 | 201 | 201 | 202 | 201 | 200 | 202 | 193 | 187 | 177 | 173 | 179 | 186 | 193 | 196 | 198 | 199 | 199 | 196             |
| 2             | 200 | 203 | 204 | 202 | 202 | 201 | 199 | 197 | 197 | 197 | 198 | 198 | 198 | 196 | 191 | 179 | 187 | 190 | 191 | 193 | 193 | 194 | 196 | 196 | 196             |
| 3             | 198 | 199 | 203 | 201 | 200 | 199 | 196 | 195 | 197 | 199 | 201 | 200 | 200 | 195 | 182 | 169 | 180 | 180 | 165 | 169 | 183 | 189 | 194 | 197 | 191             |
| 4             | 198 | 199 | 202 | 199 | 199 | 202 | 204 | 204 | 204 | 207 | 205 | 202 | 199 | 198 | 196 | 195 | 195 | 194 | 194 | 193 | 192 | 189 | 188 | 189 | 198             |
| 5             | 193 | 196 | 198 | 198 | 202 | 205 | 203 | 201 | 199 | 197 | 196 | 196 | 198 | 198 | 196 | 195 | 193 | 193 | 192 | 191 | 191 | 192 | 193 | 194 | 196             |
| 6             | 196 | 198 | 198 | 196 | 195 | 195 | 193 | 193 | 192 | 193 | 194 | 194 | 194 | 195 | 190 | 172 | 172 | 186 | 193 | 193 | 191 | 190 | 187 | 188 | 191             |
| 7 D           | 190 | 194 | 195 | 196 | 197 | 196 | 195 | 195 | 201 | 206 | 204 | 203 | 184 | 184 | 195 | 195 | 193 | 188 | 180 | 182 | 183 | 183 | 187 | 188 | 192             |
| 8 D           | 189 | 187 | 187 | 191 | 193 | 192 | 193 | 195 | 196 | 199 | 205 | 212 | 204 | 205 | 198 | 193 | 197 | 188 | 183 | 181 | 185 | 181 | 183 | 185 | 193             |
| 9 D           | 186 | 189 | 191 | 193 | 196 | 195 | 199 | 200 | 203 | 208 | 209 | 203 | 193 | 191 | 190 | 178 | 173 | 181 | 187 | 182 | 183 | 180 | 181 | 185 | 191             |
| 10 D          | 187 | 190 | 194 | 197 | 199 | 198 | 197 | 196 | 197 | 199 | 198 | 196 | 195 | 195 | 194 | 194 | 192 | 185 | 177 | 177 | 183 | 188 | 189 | 187 | 192             |
| 11            | 188 | 189 | 188 | 193 | 195 | 195 | 195 | 194 | 194 | 194 | 194 | 194 | 193 | 192 | 191 | 191 | 191 | 188 | 188 | 188 | 190 | 190 | 190 | 185 | 191             |
| 12            | 185 | 183 | 184 | 187 | 188 | 190 | 190 | 190 | 190 | 191 | 191 | 191 | 191 | 191 | 190 | 190 | 187 | 186 | 188 | 188 | 188 | 188 | 189 | 190 | 189             |
| 13            | 188 | 189 | 187 | 186 | 188 | 190 | 191 | 191 | 190 | 190 | 190 | 190 | 190 | 190 | 189 | 188 | 188 | 188 | 188 | 189 | 190 | 190 | 191 | 191 | 189             |
| 14            | 191 | 191 | 189 | 188 | 189 | 190 | 189 | 188 | 187 | 187 | 187 | 186 | 186 | 186 | 186 | 186 | 186 | 184 | 184 | 185 | 186 | 187 | 189 | 190 | 187             |
| 15 Q          | 190 | 190 | 189 | 188 | 189 | 190 | 189 | 188 | 188 | 188 | 188 | 188 | 188 | 187 | 186 | 186 | 186 | 186 | 185 | 185 | 186 | 187 | 188 | 189 | 188             |
| 16 Q          | 187 | 186 | 186 | 185 | 186 | 186 | 186 | 186 | 186 | 185 | 186 | 186 | 186 | 186 | 186 | 186 | 186 | 186 | 180 | 177 | 176 | 177 | 180 | 183 | 184             |
| 17            | 186 | 190 | 190 | 189 | 190 | 189 | 190 | 191 | 191 | 191 | 193 | 196 | 196 | 183 | 169 | 179 | 184 | 177 | 176 | 185 | 188 | 190 | 192 | 193 | 187             |
| 18            | 194 | 194 | 193 | 193 | 193 | 191 | 192 | 193 | 193 | 194 | 195 | 198 | 198 | 197 | 195 | 190 | 177 | 173 | 181 | 177 | 170 | 176 | 182 | 187 | 189             |
| 19            | 191 | 191 | 195 | 196 | 196 | 194 | 193 | 192 | 191 | 191 | 191 | 193 | 193 | 193 | 191 | 190 | 190 | 189 | 184 | 184 | 186 | 189 | 193 | 193 | 191             |
| 20 Q          | 191 | 193 | 194 | 195 | 195 | 194 | 192 | 191 | 190 | 190 | 190 | 189 | 189 | 188 | 188 | 188 | 186 | 187 | 187 | 188 | 189 | 190 | 193 | 195 | 191             |
| 21            | 195 | 195 | 194 | 195 | 196 | 195 | 193 | 191 | 190 | 190 | 189 | 188 | 188 | 188 | 186 | 180 | 184 | 187 | 187 | 186 | 186 | 187 | 190 | 191 | 190             |
| 22            | 191 | 189 | 188 | 189 | 191 | 191 | 190 | 190 | 190 | 190 | 190 | 190 | 189 | 189 | 186 | 177 | 181 | 185 | 186 | 186 | 184 | 185 | 188 | 182 | 187             |
| 23 D          | 180 | 183 | 188 | 195 | 201 | 211 | 214 | 214 | 218 | 222 | 225 | 228 | 221 | 215 | 209 | 203 | 198 | 189 | 180 | 188 | 193 | 195 | 196 | 196 | 203             |
| 24            | 194 | 196 | 197 | 198 | 200 | 199 | 200 | 200 | 199 | 197 | 196 | 194 | 193 | 193 | 193 | 193 | 193 | 193 | 192 | 192 | 193 | 193 | 193 | 193 | 195             |
| 25            | 192 | 190 | 188 | 186 | 187 | 187 | 187 | 187 | 186 | 187 | 187 | 187 | 190 | 187 | 185 | 191 | 193 | 193 | 193 | 191 | 190 | 190 | 190 | 188 | 189             |
| 26            | 189 | 190 | 190 | 187 | 190 | 191 | 191 | 192 | 192 | 192 | 192 | 191 | 189 | 189 | 189 | 189 | 189 | 188 | 188 | 183 | 181 | 184 | 184 | 187 | 189             |
| 27            | 190 | 193 | 192 | 191 | 191 | 190 | 189 | 190 | 190 | 190 | 189 | 188 | 187 | 190 | 191 | 177 | 166 | 167 | 179 | 178 | 185 | 190 | 195 | 196 | 187             |
| 28            | 195 | 195 | 198 | 196 | 195 | 195 | 196 | 195 | 195 | 194 | 194 | 193 | 192 | 193 | 193 | 191 | 190 | 190 | 188 | 188 | 189 | 190 | 193 | 195 | 193             |
| 29            | 194 | 196 | 195 | 193 | 194 | 194 | 195 | 196 | 201 | 204 | 202 | 199 | 196 | 193 | 190 | 187 | 181 | 182 | 186 | 188 | 188 | 187 | 186 | 187 | 192             |
| 30 Q          | 190 | 193 | 193 | 192 | 192 | 191 | 191 | 190 | 189 | 189 | 189 | 190 | 191 | 191 | 191 | 191 | 190 | 190 | 190 | 190 | 190 | 191 | 193 | 194 | 191             |
| 31 Q          | 193 | 193 | 193 | 189 | 190 | 192 | 191 | 190 | 189 | 189 | 190 | 190 | 190 | 189 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 190 | 191 | 193 | 190             |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВСЕМ ДНЯМ  | 191 | 192 | 193 | 193 | 194 | 195 | 194 | 194 | 194 | 195 | 195 | 195 | 194 | 192 | 190 | 187 | 186 | 186 | 185 | 186 | 187 | 188 | 190 | 191 | 191             |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО СПОК. ДНЯМ | 190 | 191 | 191 | 190 | 190 | 191 | 190 | 189 | 188 | 188 | 189 | 189 | 189 | 188 | 188 | 188 | 187 | 187 | 186 | 186 | 186 | 187 | 189 | 191 | 189             |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |
| ПО ВОЗМ. ДНЯМ | 186 | 189 | 191 | 194 | 197 | 198 | 200 | 200 | 203 | 207 | 208 | 208 | 199 | 198 | 197 | 193 | 191 | 186 | 181 | 182 | 185 | 185 | 187 | 188 | 194             |

ЗЕМНОЕ МАГНИТНОЕ ПОЛЕ  
GEOMAGNETIC FIELD

ОБСЕРВАТОРИЯ МАГАДАН  
OBSERVATORY MAGADAN

ДЕКАБРЬ 2000 года  
DECEMBER 2000 year

ШИРОТА 60.12 ДОЛГОТА 151.02 ГРАДУСОВ  
LATITUDE 60.12 LONGITUDE 151.02 DEGREE

ВРЕМЯ МИРОВОЕ  
UNIVERSAL TIME

ПОЛНОЕ ЗНАЧЕНИЕ МАГНИТНОГО ПОЛЯ F В НАНОТЕСЛАХ=55500+ТАБЛИЧНОЕ ЗНАЧЕНИЕ  
TOTAL INTENSITY OF MAGNETIC FIELD F IN NANOTESLA=55500+TABLE VALUE

| ЧАСЫ<br>ДНИ   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | СРЕДНЕЕ<br>MEAN |     |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|
| 1             | 139 | 142 | 143 | 143 | 144 | 145 | 146 | 145 | 145 | 146 | 146 | 143 | 144 | 139 | 127 | 121 | 116 | 121 | 129 | 135 | 139 | 141 | 141 | 139 | 138             |     |
| 2             | 139 | 141 | 143 | 141 | 143 | 145 | 143 | 142 | 142 | 142 | 143 | 143 | 143 | 142 | 139 | 126 | 132 | 136 | 137 | 140 | 141 | 142 | 142 | 141 | 140             |     |
| 3             | 141 | 141 | 143 | 144 | 146 | 148 | 146 | 139 | 141 | 143 | 145 | 141 | 142 | 139 | 128 | 113 | 125 | 126 | 117 | 117 | 132 | 138 | 141 | 142 | 137             |     |
| 4             | 139 | 139 | 143 | 141 | 141 | 144 | 147 | 147 | 144 | 148 | 147 | 143 | 138 | 142 | 143 | 142 | 142 | 143 | 143 | 143 | 143 | 141 | 135 | 131 | 142             |     |
| 5             | 136 | 140 | 141 | 141 | 145 | 149 | 148 | 147 | 145 | 144 | 143 | 143 | 145 | 143 | 143 | 143 | 143 | 143 | 143 | 141 | 142 | 143 | 143 | 144 | 143             |     |
| 6             | 145 | 146 | 145 | 143 | 144 | 144 | 140 | 140 | 140 | 140 | 142 | 143 | 144 | 141 | 136 | 122 | 113 | 110 | 139 | 141 | 141 | 139 | 135 | 135 | 138             |     |
| 7 D           | 135 | 140 | 142 | 143 | 144 | 144 | 141 | 144 | 148 | 149 | 150 | 150 | 140 | 128 | 142 | 143 | 141 | 136 | 126 | 127 | 129 | 130 | 131 | 136 | 139             |     |
| 8 D           | 139 | 136 | 132 | 141 | 146 | 144 | 143 | 147 | 148 | 148 | 152 | 158 | 153 | 148 | 139 | 131 | 136 | 130 | 126 | 126 | 130 | 126 | 131 | 136 | 139             |     |
| 9 D           | 134 | 135 | 137 | 140 | 144 | 140 | 146 | 146 | 148 | 153 | 153 | 150 | 141 | 139 | 138 | 128 | 119 | 123 | 131 | 125 | 128 | 124 | 129 | 133 | 137             |     |
| 10 D          | 131 | 133 | 137 | 140 | 144 | 145 | 144 | 145 | 144 | 142 | 145 | 144 | 142 | 142 | 142 | 142 | 141 | 134 | 127 | 125 | 127 | 134 | 136 | 135 | 138             |     |
| 11            | 136 | 137 | 133 | 140 | 141 | 141 | 143 | 140 | 142 | 143 | 142 | 142 | 141 | 141 | 141 | 141 | 140 | 138 | 136 | 136 | 138 | 139 | 139 | 134 | 139             |     |
| 12            | 133 | 130 | 131 | 134 | 135 | 137 | 139 | 139 | 139 | 139 | 139 | 139 | 138 | 140 | 139 | 139 | 138 | 135 | 136 | 136 | 136 | 136 | 136 | 137 | 137             |     |
| 13            | 136 | 137 | 136 | 137 | 138 | 138 | 141 | 141 | 141 | 141 | 139 | 139 | 139 | 140 | 139 | 139 | 139 | 139 | 139 | 140 | 140 | 140 | 139 | 139 | 139             |     |
| 14            | 138 | 139 | 139 | 139 | 140 | 141 | 141 | 140 | 139 | 139 | 139 | 139 | 139 | 138 | 138 | 137 | 137 | 135 | 134 | 135 | 136 | 137 | 137 | 137 | 138             |     |
| 15 Q          | 136 | 138 | 139 | 139 | 141 | 141 | 141 | 140 | 139 | 139 | 139 | 139 | 139 | 138 | 138 | 137 | 137 | 137 | 137 | 137 | 138 | 139 | 139 | 137 | 139             |     |
| 16 Q          | 135 | 133 | 133 | 136 | 139 | 139 | 137 | 137 | 137 | 137 | 137 | 137 | 138 | 138 | 138 | 139 | 139 | 139 | 137 | 133 | 130 | 129 | 129 | 131 | 134             | 136 |
| 17            | 136 | 139 | 138 | 137 | 139 | 139 | 140 | 139 | 139 | 139 | 139 | 139 | 139 | 133 | 113 | 120 | 127 | 121 | 118 | 128 | 135 | 137 | 138 | 140 | 134             |     |
| 18            | 141 | 140 | 139 | 139 | 140 | 137 | 137 | 140 | 140 | 139 | 139 | 142 | 141 | 143 | 141 | 139 | 128 | 116 | 127 | 126 | 117 | 122 | 128 | 132 | 135             |     |
| 19            | 135 | 135 | 140 | 143 | 143 | 142 | 141 | 140 | 139 | 139 | 139 | 139 | 140 | 140 | 139 | 137 | 138 | 137 | 133 | 132 | 135 | 137 | 137 | 137 | 138             |     |
| 20 Q          | 135 | 136 | 138 | 141 | 143 | 143 | 141 | 140 | 139 | 139 | 138 | 139 | 139 | 139 | 139 | 139 | 136 | 137 | 137 | 138 | 138 | 140 | 140 | 140 | 139             |     |
| 21            | 138 | 139 | 139 | 141 | 144 | 145 | 144 | 142 | 140 | 138 | 140 | 139 | 139 | 138 | 136 | 132 | 136 | 139 | 139 | 139 | 140 | 140 | 142 | 141 | 140             |     |
| 22            | 138 | 134 | 131 | 135 | 140 | 142 | 142 | 141 | 140 | 139 | 139 | 139 | 139 | 138 | 138 | 129 | 132 | 136 | 138 | 139 | 139 | 138 | 136 | 128 | 137             |     |
| 23 D          | 124 | 120 | 126 | 129 | 135 | 144 | 152 | 154 | 158 | 160 | 161 | 160 | 153 | 147 | 144 | 139 | 138 | 129 | 119 | 130 | 136 | 139 | 142 | 141 | 141             |     |
| 24            | 139 | 138 | 137 | 136 | 140 | 141 | 144 | 143 | 143 | 143 | 142 | 141 | 140 | 140 | 140 | 140 | 140 | 141 | 141 | 141 | 141 | 141 | 142 | 142 | 141             |     |
| 25            | 142 | 139 | 137 | 135 | 139 | 140 | 139 | 139 | 138 | 138 | 138 | 139 | 139 | 133 | 128 | 133 | 139 | 140 | 139 | 138 | 138 | 138 | 138 | 137 | 138             |     |
| 26            | 137 | 137 | 135 | 133 | 137 | 138 | 140 | 142 | 141 | 141 | 141 | 141 | 139 | 139 | 139 | 138 | 138 | 137 | 136 | 133 | 129 | 132 | 132 | 133 | 137             |     |
| 27            | 133 | 137 | 138 | 140 | 142 | 142 | 141 | 143 | 143 | 142 | 140 | 141 | 139 | 138 | 134 | 123 | 111 | 108 | 121 | 122 | 129 | 135 | 141 | 141 | 134             |     |
| 28            | 139 | 138 | 140 | 141 | 142 | 143 | 144 | 142 | 143 | 144 | 143 | 142 | 141 | 142 | 142 | 140 | 139 | 139 | 139 | 139 | 139 | 140 | 143 | 143 | 141             |     |
| 29            | 142 | 142 | 141 | 139 | 139 | 140 | 141 | 141 | 146 | 146 | 146 | 144 | 141 | 139 | 138 | 136 | 133 | 132 | 135 | 137 | 139 | 138 | 137 | 133 | 139             |     |
| 30 Q          | 133 | 136 | 136 | 138 | 140 | 141 | 141 | 141 | 139 | 138 | 136 | 137 | 136 | 135 | 136 | 139 | 139 | 139 | 139 | 139 | 139 | 138 | 139 | 139 | 139             | 138 |
| 31 Q          | 138 | 138 | 138 | 136 | 139 | 142 | 142 | 140 | 138 | 138 | 139 | 139 | 139 | 139 | 138 | 139 | 138 | 138 | 138 | 139 | 139 | 139 | 141 | 141 | 139             |     |
| СРЕДНЕЕ       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |     |
| ПО ВСЕМ ДНЯМ  | 137 | 137 | 138 | 139 | 141 | 142 | 142 | 142 | 142 | 142 | 143 | 142 | 141 | 139 | 137 | 134 | 134 | 133 | 133 | 134 | 136 | 137 | 137 | 137 | 138             |     |
| Q -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |     |
| ПО СПОК. ДНЯМ | 135 | 136 | 137 | 138 | 140 | 141 | 140 | 140 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 139 | 138 | 138 | 137 | 137 | 136 | 137 | 138 | 138 | 138             |     |
| D -СРЕДНЕЕ    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |     |
| ПО ВОЗМ. ДНЯМ | 133 | 133 | 135 | 139 | 143 | 143 | 145 | 147 | 149 | 150 | 152 | 152 | 146 | 141 | 141 | 137 | 135 | 130 | 126 | 127 | 130 | 131 | 134 | 136 | 139             |     |