0ТАБЛИЦЫ 3–15 ПРЕДСТАВЛЯЮТ Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренных газоразрядным счетчиком СТС-6 на станциях, указанных в таблице 1

TABLES 3–15 PRESENT Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with A single gas-discharged counter STS-6 at the stations given in the table 1

**Таблица 3.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на северных полярных широтах Мурманской области (*Rc* = 0.6 ГВ) в период

07.1957–12.2015

**Table 3.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at the northern polar latitudes of Murmansk region (*Rc* = 0.6 GV) in the period of

07.1957–12.2015

| Год/месяц Year/month | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Среднее Average | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1957 | |  | |  | |  | |  | |  | |  | | 2.030 0.022 | | 2.106 0.022 | | 1.975 0.045 | | 1.993 0.085 | | 2.165 0.028 | | 2.100 0.028 | | 2.062 0.030 | |
| 1958 | |  | | 2.082 0.036 | | 2.166 0.032 | | 2.127 0.025 | | 2.172 0.010 | | 2.239 0.015 | | 2.132 0.017 | | 2.213 0.024 | | 2.216 0.014 | | 2.278 0.021 | | 2.298 0.029 | | 2.303 0.019 | | 2.202 0.022 | |
| 1959 | | 2.277 0.017 | | 2.272 0.014 | | 2.320 0.017 | | 2.347 0.012 | | 2.207 0.016 | | 2.304 0.012 | | 2.102 0.043 | | 2.122 0.012 | | 2.222 0.021 | | 2.380 0.016 | | 2.363 0.010 | | 2.364 0.019 | | 2.273 0.027 | |
| 1960 | | 2.260 0.017 | | 2.333 0.012 | | 2.378 0.016 | | 2.293 0.028 | | 2.292 0.021 | | 2.297 0.022 | | 2.283 0.025 | | 2.386 0.017 | | 2.368 0.013 | | 2.426 0.010 | | 2.321 0.033 | | 2.367 0.017 | | 2.334 0.015 | |
| 1961 | | 2.475 0.011 | | 2.571 0.012 | | 2.581 0.010 | | 2.566 0.010 | | 2.608 0.011 | | 2.628 0.007 | | 2.464 0.026 | | 2.541 0.009 | | 2.571 0.010 | | 2.650 0.020 | | 2.761 0.007 | | 2.994 0.017 | | 2.618 0.041 | |
| 1962 | | 2.893  0.027 | | 2.809  0.025 | | 2.839  0.010 | | 2.753  0.013 | | 2.813  0.010 | | 2.821  0.014 | | 2.824  0.012 | | 2.824  0.010 | | 2.767  0.014 | | 2.762  0.014 | | 2.821  0.029 | | 2.889  0.034 | | 2.818  0.013 | |
| 1963 | | 3.008  0.037 | | 3.095  0.028 | | 3.042 0.019 | | 3.039 0.013 | | 2.969  0.015 | | 2.990 0.008 | | 2.963 0.008 | | 2.932  0.006 | | 2.859 0.028 | | 2.933 0.016 | | 3.002 0.024 | | 3.055 0.044 | | 2.991  0.019 | |
| 1964 | | 3.124 0.010 | | 3.123 0.010 | | 3.124 0.009 | | 3.138 0.016 | | 3.172 0.011 | | 3.218 0.008 | | 3.233 0.008 | | 3.222 0.011 | | 3.242 0.009 | | 3.262 0.010 | | 3.243 0.008 | | 3.315 0.016 | | 3.201 0.018 | |
| 1965 | | 3.376 0.025 | | 3.362 0.012 | | 3.377 0.008 | | 3.445 0.007 | | 3.474 0.006 | | 3.409 0.006 | | 3.356 0.006 | | 3.336 0.006 | | 3.343 0.006 | | 3.376 0.007 | | 3.438 0.009 | | 3.429 0.012 | | 3.393 0.013 | |
| 1966 | | 3.361 0.018 | | 3.353 0.014 | | 3.299 0.033 | | 3.236 0.016 | | 3.272 0.016 | | 3.199 0.016 | | 3.148 0.016 | | 3.151 0.010 | | 2.901 0.016 | | 3.001 0.011 | | 3.031 0.008 | | 2.986 0.013 | | 3.162 0.044 | |
| 1967 | | 2.922 0.017 | | 2.836 0.020 | | 2.927 0.015 | | 2.922 0.010 | | 2.819 0.019 | | 2.802 0.013 | | 2.849 0.007 | | 2.808 0.007 | | 2.807 0.010 | | 2.877 0.011 | | 2.789 0.014 | | 2.782 0.008 | | 2.845 0.016 | |
| 1968 | | 2.809 0.007 | | 2.808 0.012 | | 2.769 0.009 | | 2.778 0.010 | | 2.705 0.008 | | 2.628 0.011 | | 2.624 0.011 | | 2.657 0.008 | | 2.591 0.010 | | 2.479 0.017 | | 2.377 0.017 | | 2.452 0.012 | | 2.640 0.042 | |
| 1969 | | 2.566 0.014 | | 2.520 0.012 | | 2.493 0.015 | | 2.486 0.017 | | 2.399 0.013 | | 2.334 0.012 | | 2.324 0.008 | | 2.357 0.009 | | 2.419 0.008 | | 2.406 0.008 | | 2.427 0.010 | | 2.395 0.012 | | 2.427 0.022 | |
| 1970 | | 2.397 0.007 | | 2.427 0.009 | | 2.411 0.009 | | 2.357 0.012 | | 2.346 0.013 | | 2.277 0.009 | | 2.230 0.015 | | 2.282 0.013 | | 2.355 0.015 | | 2.401 0.012 | | 2.346 0.014 | | 2.418 0.013 | | 2.354 0.018 | |
| 1971 | | 2.439 0.014 | | 2.551 0.011 | | 2.553 0.009 | | 2.607 0.014 | | 2.633 0.013 | | 2.719 0.017 | | 2.758 0.014 | | 2.820 0.015 | | 2.790 0.020 | | 2.854 0.022 | | 2.899 0.019 | | 2.903 0.017 | | 2.711 0.044 | |
| 1972 | | 2.951 0.022 | | 3.029 0.015 | | 3.125 0.009 | | 3.215 0.012 | | 3.207 0.014 | | 3.048 0.013 | | 3.122 0.019 | | 2.826 0.026 | | 3.054 0.013 | | 3.104 0.009 | | 3.139 0.028 | | 3.179 0.006 | | 3.083 0.032 | |
| 1973 | | 3.196 0.010 | | 3.171 0.012 | | 3.130 0.008 | | 2.950 0.011 | | 2.848 0.018 | | 3.007 0.010 | | 3.083 0.013 | | 3.104 0.016 | | 3.174 0.012 | | 3.199 0.009 | | 3.252 0.013 | | 3.247 0.009 | | 3.113 0.036 | |
| 1974 | | 3.286 0.011 | | 3.272 0.011 | | 3.214 0.011 | | 3.185 0.011 | | 3.076 0.013 | | 3.028 0.011 | | 2.899 0.016 | | 2.979 0.011 | | 2.978 0.018 | | 2.905 0.013 | | 2.892 0.014 | | 3.019 0.008 | | 3.061 0.042 | |
| 1975 | | 3.043 0.011 | | 3.112 0.007 | | 3.162 0.008 | | 3.231 0.012 | | 3.265 0.008 | | 3.310 0.007 | | 3.313 0.006 | | 3.297 0.007 | | 3.316 0.006 | | 3.269 0.006 | | 3.212 0.009 | | 3.227 0.008 | | 3.230 0.025 | |
| 1976 | | 3.232 0.009 | | 3.222 0.009 | | 3.264 0.015 | | 3.138 0.015 | | 3.227 0.011 | | 3.271 0.009 | | 3.319 0.008 | | 3.373 0.009 | | 3.382 0.008 | | 3.376 0.008 | | 3.373 0.007 | | 3.351 0.008 | | 3.294 0.040 | |
| 1977 | | 3.349 0.009 | | 3.333 0.013 | | 3.333 0.009 | | 3.344 0.012 | | 3.383 0.008 | | 3.325 0.012 | | 3.242 0.007 | | 3.252 0.010 | | 3.220 0.026 | | 3.235 0.008 | | 3.311 0.012 | | 3.281 0.009 | | 3.301 0.024 | |
| 1978 | | 3.224 0.008 | | 3.120 0.042 | | 3.085 0.016 | | 3.006 0.019 | | 2.853 0.039 | | 2.983 0.016 | | 2.970 0.014 | | 3.085 0.009 | | 3.127 0.017 | | 3.007 0.010 | | 3.037 0.011 | | 3.075 0.013 | | 3.048 0.018 | |
| 1979 | | 2.978 0.011 | | 2.947 0.016 | | 2.872 0.012 | | 2.720 0.014 | | 2.754 0.014 | | 2.612 0.011 | | 2.579 0.017 | | 2.474 0.024 | | 2.452 0.019 | | 2.499 0.013 | | 2.514 0.011 | | 2.604 0.008 | | 2.667 0.043 | |
| 1980 | | 2.566 0.011 | | 2.522 0.011 | | 2.588 0.008 | | 2.526 0.014 | | 2.519 0.007 | | 2.373 0.015 | | 2.324 0.012 | | 2.335 0.007 | | 2.347 0.007 | | 2.248 0.008 | | 2.165 0.007 | | 2.188 0.008 | | 2.392 0.043 | |
| 1981 | | 2.300 0.006 | | 2.236 0.011 | | 2.229 0.015 | | 2.199 0.014 | | 2.162 0.016 | | 2.282 0.010 | | 2.302 0.017 | | 2.295 0.013 | | 2.376 0.014 | | 2.257 0.018 | | 2.276 0.009 | | 2.352 0.009 | | 2.272 0.017 | |
| 1982 | | 2.426 0.011 | | 2.284 0.010 | | 2.419 0.009 | | 2.492 0.008 | | 2.547 0.007 | | 2.364 0.020 | | 2.116 0.030 | | 2.184 0.009 | | 2.093 0.013 | | 2.102 0.005 | | 2.124 0.008 | | 2.075 0.009 | | 2.269 0.050 | |
| 1983 | | 2.161 0.011 | | 2.258 0.011 | | 2.331 0.009 | | 2.373 0.007 | | 2.260 0.009 | | 2.337 0.007 | | 2.410 0.007 | | 2.453 0.009 | | 2.509 0.006 | | 2.533 0.009 | | 2.551 0.008 | | 2.545 0.008 | | 2.393 0.037 | |
| 1984 | | 2.606 0.011 | | 2.577 0.014 | | 2.458 0.012 | | 2.452 0.020 | | 2.363 0.008 | | 2.450 0.008 | | 2.479 0.009 | | 2.566 0.010 | | 2.615 0.006 | | 2.614 0.006 | | 2.596 0.007 | | 2.605 0.005 | | 2.532 0.025 | |
| 1985 | | 2.635 0.006 | | 2.694 0.009 | | 2.717 0.007 | | 2.751 0.019 | | 2.758 0.011 | | 2.804 0.007 | | 2.803 0.010 | | 2.820 0.012 | | 2.936 0.011 | | 2.907 0.013 | | 2.935 0.009 | | 2.979 0.007 | | 2.812 0.031 | |
| 1986 | | 2.965 0.014 | | 2.844 0.033 | | 2.926 0.012 | | 3.019 0.014 | | 3.063 0.009 | | 3.138 0.010 | | 3.115 0.007 | | 3.127 0.013 | | 3.140 0.011 | | 3.174 0.008 | | 3.092 0.017 | | 3.157 0.013 | | 3.063 0.030 | |
| 1987 | | 3.257 0.011 | | 3.346 0.015 | | 3.342 0.010 | | 3.326 0.007 | | 3.285 0.011 | | 3.207 0.008 | | 3.142 0.012 | | 3.092 0.012 | | 3.020 0.007 | | 3.024 0.012 | | 2.992 0.013 | | 2.967 0.013 | | 3.167 0.042 | |
| 1988 | | 2.809 0.020 | | 2.849 0.013 | | 2.845 0.008 | | 2.836 0.012 | | 2.850 0.011 | | 2.851 0.009 | | 2.754 0.012 | | 2.739 0.013 | | 2.718 0.011 | | 2.661 0.007 | | 2.653 0.012 | | 2.544 0.022 | | 2.759 0.029 | |
| 1989 | | 2.449 0.009 | | 2.439 0.013 | | 2.188 0.041 | | 2.224 0.011 | | 2.143 0.014 | | 2.126 0.016 | | 2.225 0.015 | | 2.164 0.021 | | 2.018 0.020 | | 2.009 0.028 | | 1.904 0.027 | | 1.950 0.010 | | 2.153 0.050 | |
| 1990 | | 2.028 0.008 | | 2.080 0.009 | | 2.009 0.023 | | 1.947 0.010 | | 1.913 0.013 | | 1.836 0.015 | | 1.967 0.009 | | 1.904 0.011 | | 1.987 0.007 | | 2.023 0.008 | | 2.083 0.009 | | 2.119 0.010 | | 1.991 0.024 | |
| 1991 | | 2.212 0.008 | | 2.204 0.016 | | 2.036 0.068 | | 2.036 0.017 | | 2.117 0.016 | | 1.748 0.027 | | 1.782 0.029 | | 1.895 0.011 | | 2.038 0.018 | |  | | 2.160 0.030 | | 2.259 0.014 | | 2.044 0.052 | |
| 1992 | | 2.280 0.021 | | 2.260 0.018 | | 2.307 0.017 | | 2.437 0.027 | | 2.444 0.022 | | 2.498 0.023 | | 2.486 0.085 | | 2.601 0.042 | | 2.540 0.066 | | 2.781 0.027 | | 2.611 0.022 | | 2.829 0.016 | | 2.506 0.052 | |
| 1993 | | 2.880 0.021 | | 2.815 0.017 | | 2.759 0.020 | | 2.830 0.013 | | 2.908 0.045 | | 2.866 0.019 | | 2.903 0.025 | | 2.878 0.030 | | 2.989 0.027 | | 2.951 0.033 | | 3.070 0.015 | | 3.088 0.035 | | 2.911 0.029 | |
| 1994 | | 3.056 0.014 | | 2.965 0.022 | | 3.006 0.015 | | 2.978 0.029 | | 3.007 0.011 | | 2.977 0.020 | | 3.086 0.016 | | 3.136 0.025 | | 3.217 0.018 | | 3.141 0.032 | | 3.135 0.014 | | 3.170 0.015 | | 3.072 0.025 | |
| 1995 | | 3.137 0.011 | | 3.161 0.021 | | 3.103 0.016 | | 3.109 0.030 | | 3.184 0.029 | | 3.216 0.013 | | 3.243 0.020 | | 3.177 0.013 | | 3.308 0.053 | | 3.243 0.016 | | 3.273 0.011 | | 3.290 0.016 | | 3.197 0.020 | |
| 1996 | | 3.270 0.015 | | 3.320 0.020 | | 3.314 0.013 | | 3.346 0.012 | | 3.324 0.015 | | 3.370 0.015 | | 3.369 0.010 | | 3.357 0.011 | | 3.340 0.018 | | 3.324 0.028 | | 3.318 0.022 | | 3.306 0.028 | | 3.335 0.006 | |
| 1997 | | 3.317 0.028 | | 3.378 0.027 | | 3.380 0.018 | | 3.328 0.025 | | 3.405 0.013 | | 3.368 0.019 | | 3.340 0.014 | | 3.319 0.011 | | 3.341 0.017 | | 3.330 0.029 | | 3.266 0.028 | | 3.303 0.028 | | 3.342 0.011 | |
| 1998 | | 3.310 0.019 | | 3.260 0.017 | | 3.345 0.032 | | 3.158 0.026 | | 2.934 0.032 | | 2.992 0.025 | | 3.047 0.019 | | 2.970 0.052 | | 3.075 0.036 | | 3.142 0.017 | | 3.058 0.035 | | 3.021 0.027 | | 3.091 0.036 | |
| 1999 | | 2.814 0.036 | | 2.892 0.022 | | 2.850 0.018 | | 2.938 0.018 | | 2.878 0.018 | | 2.911 0.034 | | 2.951 0.030 | | 2.847 0.040 | | 2.711 0.016 | | 2.612 0.022 | | 2.551 0.018 | | 2.553 0.030 | | 2.790 0.045 | |
| 2000 | | 2.530 0.019 | | 2.499 0.020 | | 2.383 0.015 | | 2.386 0.017 | | 2.341 0.033 | | 2.213 0.024 | | 2.160 0.029 | | 2.210 0.027 | | 2.186 0.025 | | 2.263 0.024 | | 2.224 0.030 | | 2.199 0.026 | | 2.300 0.036 | |
| 2001 | | 2.273 0.012 | | 2.302 0.024 | | 2.445 0.025 | | 2.250 0.041 | | 2.397 0.015 | | 2.449 0.022 | | 2.416 0.024 | | 2.396 0.028 | | 2.390 0.018 | | 2.336 0.021 | | 2.405 0.029 | | 2.452 0.023 | | 2.376 0.020 | |
| 2002 | | 2.437 0.023 | | 2.548 0.043 | | 2.443 0.040 | | 2.365 0.026 | | 2.423 0.014 | | 2.511 0.027 | | 2.372 0.031 | | 2.283 0.026 | | 2.350 0.023 | | 2.389 0.028 | | 2.278 0.024 | | 2.337 0.026 | | 2.395 0.024 | |
| 2003 | | 2.455 0.018 | | 2.408 0.025 | | 2.362 0.015 | | 2.427 0.023 | | 2.293 0.038 | | 2.266 0.032 | | 2.340 0.015 | | 2.349 0.033 | | 2.310 0.046 | | 2.310 0.091 | | 2.176 0.033 | | 2.282 0.035 | | 2.332 0.022 | |
| 2004 | | 2.367 0.028 | | 2.435 0.023 | | 2.583 0.017 | | 2.570 0.028 | | 2.668 0.020 | | 2.739 0.028 | | 2.666 0.022 | | 2.687 0.035 | | 2.711 0.028 | | 2.804 0.016 | | 2.696 0.037 | | 2.731 0.025 | | 2.638 0.037 | |
| 2005 | | 2.581 0.040 | | 2.663 0.016 | | 2.706 0.026 | | 2.762 0.023 | | 2.536 0.057 | | 2.722 0.012 | | 2.721 0.042 | | 2.743 0.025 | | 2.587 0.037 | | 2.779 0.038 | | 2.773 0.031 | | 2.845 0.011 | | 2.698 0.028 | |
| 2006 | | 2.866 0.024 | | 2.974 0.011 | | 3.068 0.028 | | 3.065 0.014 | | 3.044 0.021 | | 3.152 0.020 | | 2.997 0.022 | | 3.109 0.023 | | 3.108 0.020 | | 3.081 0.016 | | 3.103 0.019 | | 2.990 0.037 | | 3.046 0.023 | |
| 2007 | | 3.128 0.024 | | 3.176 0.023 | | 3.223 0.015 | | 3.241  0.026 | | 3.312  0.022 | | 3.308  0.018 | | 3.311  0.022 | | 3.373  0.028 | | 3.336  0.015 | | 3.326  0.021 | | 3.299  0.024 | | 3.353  0.023 | | 3.282  0.021 | |
| 2008 | | 3.304  0.025 | | 3.284  0.027 | | 3.294  0.015 | | 3.288  0.021 | | 3.297  0.018 | | 3.334  0.013 | | 3.389  0.020 | | 3.372  0.029 | | 3.473  0.021 | | 3.450  0.015 | | 3.525  0.037 | | 3.588  0.023 | | 3.383  0.030 | |
| 2009 | | 3.640  0.044 | | 3.588  0.038 | | 3.763  0.041 | | 3.837  0.027 | | 3.752  0.032 | | 3.824  0.023 | | 3.874  0.042 | | 3.757  0.037 | | 3.667  0.034 | | 3.718  0.027 | | 3.691  0.024 | | 3.682  0.016 | | 3.733  0.025 | |
| 2010 | | 3.623  0.023 | | 3.585  0.028 | | 3.485  0.019 | | 3.427  0.023 | | 3.328  0.038 | | 3.381  0.031 | | 3.387  0.033 | | 3.309  0.023 | | 3.332  0.018 | | 3.268  0.048 | | 3.295  0.052 | | 3.135  0.059 | | 3.379  0.039 | |
| 2011 | | 3.386  0.019 | | 3.394  0.039 | | 3.223  0.024 | | 3.056  0.036 | | 3.032  0.012 | | 2.900  0.023 | | 2.962  0.015 | | 2.932  0.015 | | 2.975  0.028 | | 2.895  0.017 | | 2.976  0.012 | | 3.043  0.015 | | 3.065  0.051 | |
| 2012 | | 2.952  0.030 | | 2.946  0.026 | | 2.673  0.060 | | 2.846  0.040 | | 2.870  0.020 | | 2.773  0.028 | | 2.651  0.026 | | 2.548  0.023 | | 2.684  0.018 | | 2.651  0.022 | | 2.742  0.014 | | 2.704  0.035 | | 2.753  0.037 | |
| 2013 | | 2.769  0.029 | | 2.753  0.017 | | 2.702  0.027 | | 2.689  0.022 | | 2.465  0.030 | | 2.480  0.016 | | 2.546  0.014 | | 2.582  0.027 | | 2.530  0.026 | | 2.585  0.023 | | 2.557  0.036 | | 2.483  0.006 | | 2.595  0.031 | |
| 2014 | | 2.551  0.010 | | 2.508  0.016 | | 2.478  0.016 | | 2.534  0.017 | | 2.610  0.026 | | 2.507  0.025 | | 2.580  0.017 | | 2.655  0.014 | | 2.600  0.038 | | 2.646  0.025 | | 2.688  0.037 | | 2.567  0.032 | | 2.577  0.019 | |
| 2015 | | 2.615  0.028 | | 2.594  0.026 | | 2.463  0.026 | | 2.458  0.011 | | 2.601  0.032 | | 2.633  0.039 | | 2.690  0.026 | | 2.719  0.023 | | 2.715  0.020 | | 2.714  0.025 | | 2.792  0.029 | | 2.844  0.027 | | 2.653  0.034 | |
| 2016 | | 3.006  0.030 | | 3.019  0.026 | | 2.956  0.021 | | 2.928  0.012 | | 2.991  0.023 | | 3.000  0.023 | | 3.125  0.053 | | 3.223  0.040 | | 3.228  0.023 | | 3.361  0.043 | | 3.253  0.026 | | 3.387  0.036 | | 3.123  0.047 | |
| 2017 | | 3.418  0.031 | | 3.472  0.030 | | 3.567  0.033 | | 3.427  0.051 | | 3.438  0.038 | | 3.406  0.042 | | 3.501  0.025 | | 3.334  0.023 | | 3.199  0.055 | | 3.306  0.022 | | 3.435  0.035 | | 3.380  0.019 | | 3.407  0.028 | |
| 2018 | | 3.448  0.000 | | 3.519  0.038 | | 3.486  0.013 | | 3.544  0.025 | | 3.502  0.026 | | 3.556  0.024 | | 3.605  0.015 | | 3.609  0.033 | | 3.670  0.026 | | 3.572  0.029 | | 3.569  0.029 | | 3.536  0.020 | | 3.551  0.017 | |
| 2019 | | 3.595  0.040 | | 3.601  0.047 | | 3.699  0.013 | | 3.625  0.016 | | 3.525  0.028 | | 3.584  0.039 | | 3.536  0.032 | | 3.663  0.028 | | 3.600  0.019 | | 3.632  0.051 | | 3.680  0.063 | | 3.655  0.091 | | 3.616  0.015 | |
| 2020 | | 3.592  0.019 | | 3.739  0.057 | | 3.673  0.037 | | 3.584  0.030 | | 3.664  0.024 | | 3.758  0.028 | | 3.631  0.030 | | 3.678  0.037 | | 3.680  0.022 | | 3.635  0.029 | | 3.514  0.013 | | 3.522  0.018 | | 3.639  0.022 | |
| 2021 | | 3.460  0.021 | | 3.510  0.027 | | 3.475  0.018 | | 3.578  0.027 | | 3.520  0.023 | | 3.505  0.006 | | 3.521  0.025 | | 3.560  0.027 | | 3.515  0.028 | | 3.459  0.019 | | 3.374  0.038 | | 3.540  0.034 | | 3.501  0.054 | |

**Таблица 4.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Долгопрудный, Московская область (*Rc* = 2.4 ГВ) в период 07.1957–12.2015

**Table 4.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Dolgoprudny town, Moscow region (*Rc* = 2.4 GV) in the period of 07.1957–12. 2015

| Год/месяц Year/month | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Среднее Average | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1957 | |  | |  | |  | |  | |  | |  | | 1.972 0.036 | | 2.025 0.033 | | 1.864 0.033 | | 1.985 0.066 | | 1.946 0.024 | | 2.121 0.039 | | 1.986 0.035 | |
| 1958 | | 2.100 0.019 | | 2.164 0.014 | | 2.011 0.021 | | 2.018 0.014 | | 2.087 0.013 | | 2.115 0.010 | | 2.082 0.014 | | 2.095 0.014 | | 2.142 0.012 | | 2.156 0.011 | | 2.222 0.017 | | 2.178 0.017 | | 2.114 0.018 | |
| 1959 | | 2.140 0.014 | | 2.117 0.018 | | 2.119 0.009 | | 2.231 0.009 | | 2.115 0.022 | | 2.190 0.011 | | 1.995 0.046 | | 2.071 0.012 | | 2.179 0.010 | | 2.153 0.009 | | 2.220 0.010 | | 2.182 0.013 | | 2.143 0.019 | |
| 1960 | | 2.130 0.012 | | 2.160 0.015 | | 2.205 0.013 | | 2.167 0.021 | | 2.127 0.016 | | 2.178 0.014 | | 2.108 0.010 | | 2.240 0.027 | | 2.236 0.008 | | 2.252 0.009 | | 2.124 0.035 | | 2.236 0.016 | | 2.180 0.015 | |
| 1961 | | 2.319 0.008 | | 2.349 0.013 | | 2.366 0.008 | | 2.329 0.014 | | 2.402 0.013 | | 2.394 0.008 | | 2.276 0.025 | | 2.341 0.010 | | 2.338 0.008 | | 2.419 0.032 | | 2.525 0.014 | | 2.551 0.016 | | 2.384 0.024 | |
| 1962 | | 2.570  0.012 | | 2.519  0.025 | | 2.538  0.021 | | 2.485  0.021 | | 2.522  0.008 | | 2.527  0.015 | | 2.528  0.015 | | 2.528  0.016 | | 2.494  0.008 | | 2.491  0.024 | | 2.526  0.024 | | 2.568  0.016 | | 2.525  0.008 | |
| 1963 | | 2.640  0.021 | | 2.694  0.024 | | 2.661  0.014 | | 2.659  0.019 | | 2.617  0.019 | | 2.630  0.028 | | 2.613  0.018 | | 2.594  0.013 | | 2.550  0.026 | | 2.595  0.015 | | 2.637  0.018 | | 2.669  0.015 | | 2.630  0.011 | |
| 1964 | | 2.632 0.010 | | 2.677 0.009 | | 2.683 0.007 | | 2.703 0.008 | | 2.749 0.009 | | 2.720 0.018 | | 2.735 0.020 | | 2.746 0.010 | | 2.756 0.012 | | 2.774 0.013 | | 2.754 0.009 | | 2.802 0.012 | | 2.728 0.014 | |
| 1965 | | 2.833 0.018 | | 2.824 0.009 | | 2.851 0.008 | | 2.845 0.007 | | 2.851 0.010 | | 2.806 0.007 | | 2.813 0.010 | | 2.802 0.010 | | 2.782 0.011 | | 2.736 0.007 | | 2.777 0.011 | | 2.799 0.008 | | 2.810 0.010 | |
| 1966 | | 2.787 0.010 | | 2.731 0.013 | | 2.767 0.019 | | 2.717 0.013 | | 2.750 0.010 | | 2.710 0.013 | | 2.696 0.009 | | 2.694 0.011 | | 2.553 0.020 | | 2.591 0.012 | | 2.643 0.012 | | 2.614 0.015 | | 2.687 0.021 | |
| 1967 | | 2.506 0.015 | | 2.492 0.017 | | 2.444 0.016 | | 2.514 0.026 | | 2.555 0.016 | | 2.511 0.011 | | 2.559 0.013 | | 2.484 0.011 | | 2.477 0.008 | | 2.512 0.013 | | 2.473 0.011 | | 2.482 0.009 | | 2.501 0.010 | |
| 1968 | | 2.502 0.011 | | 2.484 0.015 | | 2.456 0.016 | | 2.471 0.010 | | 2.458 0.010 | | 2.350 0.010 | | 2.360 0.011 | | 2.390 0.008 | | 2.350 0.009 | | 2.290 0.004 | | 2.220 0.013 | | 2.240 0.015 | | 2.381 0.028 | |
| 1969 | | 2.340 0.018 | | 2.390 0.012 | | 2.320 0.018 | | 2.320 0.016 | | 2.210 0.009 | | 2.170 0.011 | | 2.210 0.007 | | 2.240 0.006 | | 2.260 0.012 | | 2.310 0.024 | | 2.250 0.028 | | 2.300 0.017 | | 2.277 0.018 | |
| 1970 | | 2.270 0.014 | | 2.300 0.008 | | 2.310 0.015 | |  | | 2.340 0.015 | | 2.220 0.015 | | 2.230 0.015 | | 2.276 0.018 | | 2.323 0.019 | | 2.338 0.018 | | 2.269 0.012 | | 2.335 0.016 | | 2.291 0.015 | |
| 1971 | | 2.338 0.014 | | 2.424 0.009 | | 2.448 0.012 | | 2.443 0.016 | | 2.456 0.013 | | 2.534 0.015 | | 2.527 0.012 | | 2.567 0.014 | | 2.598 0.011 | | 2.612 0.015 | | 2.632 0.017 | | 2.630 0.012 | | 2.517 0.027 | |
| 1972 | | 2.603 0.015 | | 2.599 0.010 | | 2.608 0.022 | | 2.660 0.022 | | 2.658 0.015 | | 2.600 0.013 | | 2.669 0.014 | | 2.529 0.013 | | 2.636 0.015 | | 2.674 0.014 | | 2.631 0.030 | | 2.616 0.011 | | 2.624 0.012 | |
| 1973 | | 2.611 0.010 | | 2.691 0.009 | | 2.649 0.012 | | 2.604 0.010 | | 2.487 0.020 | | 2.570 0.005 | | 2.573 0.012 | | 2.654 0.015 | | 2.656 0.009 | | 2.694 0.012 | | 2.668 0.008 | | 2.682 0.009 | | 2.628 0.018 | |
| 1974 | | 2.669 0.007 | | 2.726 0.008 | | 2.702 0.013 | | 2.717 0.014 | | 2.652 0.009 | | 2.614 0.010 | | 2.599 0.014 | | 2.605 0.011 | | 2.586 0.018 | | 2.576 0.008 | | 2.551 0.008 | | 2.638 0.010 | | 2.636 0.017 | |
| 1975 | | 2.617 0.011 | | 2.649 0.009 | | 2.678 0.011 | | 2.729 0.010 | | 2.731 0.010 | | 2.756 0.008 | | 2.722 0.010 | | 2.702 0.009 | | 2.707 0.010 | | 2.716 0.011 | | 2.706 0.010 | | 2.700 0.012 | | 2.701 0.011 | |
| 1976 | | 2.692 0.009 | | 2.682 0.010 | | 2.768 0.014 | | 2.675 0.012 | | 2.716 0.010 | | 2.739 0.011 | | 2.770 0.015 | | 2.754 0.013 | | 2.762 0.015 | | 2.729 0.010 | | 2.770 0.010 | | 2.786 0.011 | | 2.737 0.011 | |
| 1977 | | 2.741 0.008 | | 2.763 0.012 | | 2.755 0.009 | | 2.817 0.010 | | 2.803 0.013 | | 2.732 0.011 | | 2.711 0.015 | | 2.721 0.011 | | 2.698 0.011 | | 2.720 0.011 | | 2.789 0.013 | | 2.737 0.012 | | 2.749 0.011 | |
| 1978 | | 2.720 0.009 | | 2.732 0.013 | | 2.731 0.015 | | 2.682 0.013 | | 2.569 0.031 | | 2.599 0.016 | | 2.593 0.011 | | 2.687 0.014 | | 2.691 0.010 | | 2.560 0.010 | | 2.590 0.011 | | 2.587 0.013 | | 2.645 0.019 | |
| 1979 | | 2.574 0.012 | | 2.551 0.015 | | 2.532 0.013 | | 2.402 0.015 | | 2.414 0.018 | | 2.287 0.010 | | 2.362 0.014 | | 2.275 0.021 | | 2.262 0.018 | | 2.303 0.012 | | 2.320 0.012 | | 2.383 0.009 | | 2.389 0.032 | |
| 1980 | | 2.370 0.015 | | 2.332 0.012 | | 2.375 0.011 | | 2.320 0.016 | | 2.328 0.008 | | 2.205 0.017 | | 2.212 0.008 | | 2.241 0.012 | | 2.252 0.008 | | 2.173 0.013 | | 2.104 0.015 | | 2.072 0.010 | | 2.249 0.029 | |
| 1981 | | 2.201 0.006 | | 2.144 0.009 | | 2.139 0.014 | | 2.116 0.010 | | 2.079 0.019 | | 2.156 0.014 | | 2.187 0.011 | | 2.177 0.009 | | 2.232 0.009 | | 2.150 0.016 | | 2.122 0.012 | | 2.229 0.010 | | 2.161 0.013 | |
| 1982 | | 2.268 0.009 | | 2.172 0.011 | | 2.271 0.009 | | 2.349 0.012 | | 2.379 0.007 | | 2.229 0.022 | | 2.060 0.037 | | 2.033 0.011 | | 1.969 0.011 | | 2.011 0.010 | | 2.045 0.011 | | 2.015 0.011 | | 2.150 0.042 | |
| 1983 | | 2.069 0.014 | | 2.136 0.010 | | 2.218 0.011 | | 2.250 0.011 | | 2.110 0.009 | | 2.168 0.009 | | 2.258 0.013 | | 2.269 0.010 | | 2.272 0.012 | | 2.317 0.012 | | 2.345 0.010 | | 2.329 0.007 | | 2.228 0.026 | |
| 1984 | | 2.406 0.007 | | 2.390 0.010 | | 2.330 0.010 | | 2.304 0.015 | | 2.218 0.008 | | 2.283 0.010 | | 2.319 0.012 | | 2.323 0.007 | | 2.393 0.013 | | 2.365 0.001 | | 2.333 0.011 | | 2.325 0.001 | | 2.332 0.015 | |
| 1985 | | 2.325 0.008 | | 2.364 0.008 | | 2.384 0.010 | | 2.435 0.010 | | 2.449 0.010 | | 2.509 0.007 | | 2.512 0.008 | | 2.502 0.006 | | 2.561 0.006 | | 2.577 0.009 | | 2.609 0.008 | | 2.596 0.007 | | 2.485 0.027 | |
| 1986 | | 2.615 0.005 | | 2.545 0.022 | | 2.530 0.014 | | 2.631 0.008 | | 2.671 0.010 | | 2.682 0.012 | | 2.665 0.009 | | 2.648 0.011 | | 2.699 0.012 | | 2.721 0.013 | | 2.672 0.012 | | 2.719 0.010 | | 2.650 0.018 | |
| 1987 | | 2.740 0.010 | | 2.799 0.013 | | 2.828 0.009 | | 2.787 0.017 | | 2.721 0.010 | | 2.725 0.010 | | 2.649 0.009 | | 2.656 0.013 | | 2.581 0.014 | | 2.623 0.015 | | 2.542 0.010 | | 2.540 0.010 | | 2.683 0.029 | |
| 1988 | | 2.443 0.014 | | 2.492 0.012 | | 2.528 0.008 | | 2.530 0.014 | | 2.507 0.015 | | 2.489 0.014 | | 2.419 0.010 | | 2.435 0.016 | | 2.447 0.013 | | 2.380 0.008 | | 2.386 0.014 | | 2.310 0.016 | | 2.447 0.019 | |
| 1989 | | 2.201 0.009 | | 2.238 0.008 | | 2.097 0.028 | | 2.066 0.015 | | 1.983 0.012 | | 2.016 0.011 | | 2.090 0.012 | | 2.070 0.016 | | 1.952 0.017 | | 1.904 0.023 | | 1.848 0.018 | | 1.905 0.008 | | 2.031 0.034 | |
| 1990 | | 1.973 0.010 | | 1.991 0.006 | | 1.963 0.017 | | 1.862 0.011 | | 1.838 0.017 | | 1.816 0.010 | | 1.929 0.009 | | 1.907 0.012 | | 1.951 0.010 | | 2.002 0.011 | | 2.066 0.012 | | 2.091 0.014 | | 1.949 0.024 | |
| 1991 | | 2.136 0.017 | | 2.186 0.025 | | 1.941 0.005 | | 1.981 0.025 | | 2.030 0.014 | | 1.673 0.048 | | 1.748 0.018 | | 1.874 0.026 | | 1.992 0.015 | | 2.081 0.012 | | 2.066 0.028 | | 2.154 0.014 | | 1.989 0.046 | |
| 1992 | | 2.165 0.020 | | 2.157 0.012 | | 2.200 0.027 | | 2.328 0.015 | | 2.332 0.021 | | 2.397 0.016 | | 2.414 0.014 | | 2.416 0.015 | | 2.419 0.025 | | 2.505 0.019 | | 2.479 0.015 | | 2.529 0.013 | | 2.362 0.037 | |
| 1993 | | 2.488 0.013 | | 2.529 0.012 | | 2.490 0.016 | | 2.499 0.010 | | 2.541 0.007 | | 2.588 0.006 | | 2.618 0.014 | | 2.607 0.015 | | 2.636 0.013 | | 2.663 0.015 | | 2.615 0.015 | | 2.696 0.016 | | 2.581 0.020 | |
| 1994 | | 2.669 0.018 | | 2.654 0.014 | | 2.598 0.013 | | 2.647 0.015 | | 2.602 0.014 | | 2.601 0.025 | | 2.643 0.010 | | 2.698 0.012 | | 2.709 0.014 | | 2.703 0.015 | | 2.677 0.012 | | 2.662 0.012 | | 2.655 0.011 | |
| 1995 | | 2.687 0.020 | | 2.714 0.014 | | 2.685 0.016 | | 2.809 0.016 | | 2.761 0.019 | | 2.705 0.015 | | 2.700 0.016 | | 2.703 0.011 | | 2.758 0.014 | | 2.745 0.014 | | 2.756 0.022 | | 2.768 0.014 | | 2.731 0.012 | |
| 1996 | | 2.728 0.013 | | 2.796 0.019 | | 2.790 0.009 | | 2.779 0.009 | | 2.763 0.013 | | 2.776 0.013 | | 2.826 0.014 | | 2.788 0.023 | | 2.769 0.016 | | 2.757 0.014 | | 2.787 0.018 | | 2.768 0.019 | | 2.782 0.006 | |
| 1997 | | 2.746 0.018 | | 2.763 0.018 | | 2.748 0.017 | | 2.786 0.012 | | 2.789 0.016 | | 2.795 0.016 | | 2.758 0.011 | | 2.789 0.017 | | 2.756 0.011 | | 2.789 0.016 | | 2.744 0.020 | | 2.691 0.016 | | 2.764 0.009 | |
| 1998 | | 2.718 0.020 | | 2.670 0.014 | | 2.825 0.026 | | 2.662 0.021 | | 2.636 0.017 | | 2.655 0.013 | | 2.727 0.019 | | 2.666 0.032 | | 2.714 0.022 | | 2.761 0.031 | | 2.694 0.028 | | 2.617 0.025 | | 2.693 0.017 | |
| 1999 | | 2.566 0.024 | | 2.582 0.027 | | 2.579 0.020 | | 2.587 0.017 | | 2.540 0.018 | | 2.565 0.024 | | 2.636 0.018 | | 2.576 0.024 | | 2.493 0.022 | | 2.459 0.030 | | 2.365 0.025 | | 2.354 0.016 | | 2.521 0.027 | |
| 2000 | | 2.373 0.022 | | 2.305 0.021 | | 2.309 0.020 | | 2.313 0.028 | | 2.212 0.027 | | 2.158 0.018 | | 2.064 0.033 | | 2.084 0.014 | | 2.105 0.030 | | 2.180 0.023 | | 2.124 0.024 | | 2.097 0.023 | | 2.194 0.031 | |
| 2001 | | 2.207 0.021 | | 2.271 0.025 | | 2.363 0.021 | | 2.188 0.034 | | 2.258 0.026 | | 2.290 0.036 | | 2.332 0.018 | | 2.272 0.035 | | 2.274 0.029 | | 2.192 0.019 | | 2.342 0.021 | | 2.364 0.028 | | 2.279 0.018 | |
| 2002 | | 2.204 0.018 | | 2.331 0.030 | | 2.269 0.022 | | 2.224 0.029 | | 2.271 0.026 | | 2.301 0.030 | | 2.271 0.039 | | 2.161 0.028 | | 2.264 0.019 | | 2.338 0.019 | | 2.223 0.025 | | 2.243 0.022 | | 2.258 0.015 | |
| 2003 | | 2.288 0.033 | | 2.320 0.030 | | 2.289 0.023 | | 2.264 0.019 | | 2.263 0.036 | | 2.149 0.023 | | 2.210 0.017 | | 2.298 0.014 | | 2.301 0.022 | | 2.268 0.045 | | 2.038 0.029 | | 2.169 0.017 | | 2.231 0.024 | |
| 2004 | | 2.266 0.028 | | 2.298 0.025 | | 2.387 0.010 | | 2.408 0.017 | | 2.503 0.017 | | 2.506 0.014 | | 2.465 0.027 | | 2.485 0.023 | | 2.545 0.036 | | 2.600 0.032 | | 2.502 0.030 | | 2.478 0.016 | | 2.454 0.028 | |
| 2005 | | 2.343 0.040 | | 2.454 0.020 | | 2.513 0.021 | | 2.522 0.020 | | 2.508 0.032 | | 2.543 0.014 | | 2.574 0.033 | | 2.514 0.024 | | 2.358 0.051 | | 2.533 0.019 | | 2.604 0.014 | | 2.611 0.020 | | 2.506 0.024 | |
| 2006 | | 2.576 0.010 | | 2.717 0.020 | | 2.728 0.025 | | 2.787 0.026 | | 2.766 0.015 | | 2.791 0.019 | | 2.722 0.013 | | 2.750 0.023 | | 2.679 0.012 | | 2.759 0.006 | | 2.718 0.022 | | 2.667 0.036 | | 2.722 0.017 | |
| 2007 | | 2.761 0.024 | | 2.698 0.018 | | 2.771 0.021 | | 2.791  0.023 | | 2.819  0.019 | | 2.812  0.017 | | 2.816  0.022 | | 2.835  0.008 | | 2.899  0.022 | | 2.847  0.019 | | 2.869  0.017 | | 2.761  0.030 | | 2.807  0.016 | |
| 2008 | | 2.818  0.019 | | 2.792  0.022 | | 2.848  0.023 | | 2.882  0.018 | | 2.882  0.025 | | 2.861  0.029 | | 2.904  0.022 | | 2.891  0.020 | | 2.877  0.015 | | 2.864  0.022 | | 2.983  0.026 | | 2.948  0.025 | | 2.879  0.015 | |
| 2009 | | 2.976  0.040 | | 2.982  0.024 | | 3.065  0.031 | | 3.031  0.012 | | 3.027  0.036 | | 3.090  0.031 | | 3.134  0.028 | | 2.978  0.028 | | 3.040  0.038 | | 3.049  0.025 | | 2.955  0.020 | | 2.968  0.025 | | 3.025  0.016 | |
| 2010 | | 2.998  0.023 | | 2.969  0.029 | | 2.931  0.033 | | 2.904  0.021 | | 2.903  0.018 | | 2.885  0.031 | | 2.899  0.025 | | 2.870  0.015 | | 2.794  0.012 | | 2.803  0.019 | | 2.742  0.021 | | 2.816  0.028 | | 2.876  0.022 | |
| 2011 | | 2.777  0.022 | | 2.796  0.028 | | 2.695  0.020 | | 2.591  0.016 | | 2.676  0.009 | | 2.633  0.032 | | 2.633  0.014 | | 2.611  0.017 | | 2.539  0.026 | | 2.585  0.023 | | 2.590  0.018 | | 2.599  0.015 | | 2.644  0.023 | |
| 2012 | | 2.610  0.032 | | 2.553  0.021 | | 2.408  0.042 | | 2.559  0.027 | | 2.537  0.013 | | 2.490  0.016 | | 2.431  0.039 | | 2.387  0.014 | | 2.438  0.015 | | 2.445  0.020 | | 2.421  0.018 | | 2.482  0.014 | | 2.480  0.020 | |
| 2013 | | 2.474  0.009 | | 2.512  0.013 | | 2.459  0.020 | | 2.505  0.018 | | 2.380  0.024 | | 2.380  0.022 | | 2.336  0.024 | | 2.317  0.018 | | 2.302  0.016 | | 2.383  0.043 | | 2.403  0.011 | | 2.416  0.015 | | 2.406  0.020 | |
| 2014 | | 2.410  0.021 | | 2.317  0.025 | | 2.337  0.016 | | 2.376  0.028 | | 2.451  0.017 | | 2.348  0.015 | | 2.365  0.017 | | 2.454  0.028 | | 2.479  0.034 | | 2.449  0.029 | | 2.414  0.026 | | 2.349  0.037 | | 2.396  0.016 | |
| 2015 | | 2.394  0.026 | | 2.394  0.013 | | 2.412  0.030 | | 2.453  0.051 | | 2.408  0.032 | | 2.519  0.046 | | 2.544  0.022 | | 2.532  0.012 | | 2.538  0.027 | | 2.503  0.015 | | 2.494  0.023 | | 2.614  0.036 | | 2.484  0.021 | |
| 2016 | | 2.771  0.017 | | 2.783  0.012 | | 2.767  0.029 | | 2.779  0.015 | | 2.772  0.022 | | 2.809  0.027 | | 2.767  0.025 | | 2.848  0.015 | | 2.822  0.022 | | 2.876  0.018 | | 2.989  0.028 | | 2.837  0.027 | | 2.818  0.019 | |
| 2017 | | 2.954  0.021 | | 2.965  0.029 | | 3.030  0.019 | | 2.934  0.019 | | 2.903  0.017 | | 2.931  0.016 | | 2.934  0.019 | | 2.876  0.027 | | 2.843  0.046 | | 2.875  0.018 | | 3.022  0.030 | | 3.048  0.035 | | 2.943  0.019 | |
| 2018 | | 2.992  0.024 | | 2.998  0.018 | | 2.914  0.022 | | 2.948  0.018 | | 2.997  0.026 | | 3.078  0.018 | | 3.013  0.027 | | 3.001  0.016 | | 2.961  0.024 | | 2.985  0.018 | | 2.949  0.016 | | 2.961  0.013 | | 2.983  0.012 | |
| 2019 | | 3.014  0.019 | | 2.954  0.026 | | 2.968  0.023 | | 3.038  0.013 | | 2.955  0.026 | | 2.974  0.015 | | 2.993  0.027 | | 2.978  0.030 | | 3.104  0.024 | | 3.015  0.023 | | 3.064  0.035 | | 2.852  0.034 | | 2.992  0.018 | |
| 2020 | | 2.895  0.025 | | 2.939  0.026 | | 3.070  0.012 | |  | | 3.091  0.083 | | 2.924  0.028 | | 3.022  0.017 | | 2.942  0.013 | | 2.964  0.028 | | 3.008  0.029 | | 2.929  0.024 | | 2.920  0.036 | | 2.973  0.019 | |
| 2021 | | 2.917  0.015 | | 2.835  0.018 | | 2.896  0.013 | | 2.984  0.011 | | 2.945  0.032 | | 2.919  0.021 | | 2.856  0.014 | | 3.024  0.018 | | 2.865  0.021 | | 2.920  0.048 | | 2.872  0.031 | | 2.893  0.009 | | 2.911  0.0543 | |
| 2022 | | 2.871  0.024 | | 2.920  0.015 | | 2.889  0.023 | | 2.938  0.038 | | 2.774  0.015 | | 2.711  0.029 | | 2.767  0.038 | | 2.640  0.016 | | 2.656  0.031 | | 2.700  0.020 | |  | |  | |  | |

**Таблица 5.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Алма-Ата, Казахстан (*Rc* = 6.7 ГВ) в период 03.1962–04.1993

**Table 5.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Alma-Ata station, Kazakhstan (*Rc* = 6.7 GV) in the period of 03.1962–04.1993

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1962 |  |  | 1.627 0.012 | 1.613 0.012 | 1.627 0.022 | 1.597 0.012 | 1.637 0.008 | 1.622 0.006 | 1.677 0.015 | 1.697 0.011 | 1.742 0.015 | 1.712 0.008 | 1.655 0.015 |
| 1963 | 1.726 0.014 | 1.733 0.007 | 1.712 0.001 | 1.696 0.006 | 1.657 0.009 | 1.646 0.006 | 1.664 0.001 | 1.645 0.013 | 1.638 0.014 | 1.633 0.007 | 1.624 0.009 | 1.644 0.007 | 1.671 0.013 |
| 1964 | 1.665 0.008 | 1.668 0.005 | 1.682 0.005 | 1.682 0.006 | 1.672 0.004 | 1.650 0.008 | 1.659 0.010 | 1.675 0.004 | 1.665 0.002 | 1.672 0.008 | 1.696 0.008 | 1.705 0.005 | 1.674 0.004 |
| 1965 | 1.703 0.002 | 1.709 0.005 | 1.709 0.006 | 1.699 0.008 | 1.691 0.007 | 1.702 0.007 | 1.686 0.011 | 1.656 0.008 | 1.672 0.006 | 1.661 0.006 | 1.670 0.009 | 1.682 0.004 | 1.687 0.005 |
| 1966 | 1.660 0.011 | 1.674 0.009 | 1.659 0.011 | 1.669 0.008 | 1.684 0.008 | 1.642 0.011 | 1.658 0.007 | 1.648 0.010 | 1.610 0.016 | 1.635 0.008 | 1.652 0.006 | 1.642 0.008 | 1.653 0.006 |
| 1967 | 1.638 0.010 | 1.637 0.009 | 1.633 0.006 | 1.634 0.008 | 1.614 0.009 | 1.595 0.008 | 1.620 0.013 | 1.619 0.009 | 1.611 0.007 | 1.626 0.013 | 1.604 0.008 | 1.628 0.006 | 1.627 0.007 |
| 1968 | 1.623 0.007 | 1.616 0.008 | 1.633 0.007 | 1.634 0.007 | 1.617 0.008 | 1.600 0.014 | 1.540 0.011 | 1.590 0.008 | 1.580 0.012 | 1.569 0.007 | 1.580 0.010 | 1.570 0.012 | 1.596 0.008 |
| 1969 | 1.615 0.007 | 1.605 0.010 | 1.595 0.010 | 1.580 0.009 | 1.550 0.007 | 1.530 0.010 | 1.530 0.008 | 1.570 0.007 | 1.640 0.018 | 1.630 0.007 | 1.630 0.012 | 1.624 0.011 | 1.591 0.011 |
| 1970 | 1.630 0.013 | 1.570 0.009 | 1.580 0.007 |  | 1.550 0.006 | 1.530 0.007 | 1.573 0.011 | 1.570 0.008 | 1.583 0.009 | 1.611 0.009 | 1.576 0.010 | 1.618 0.008 | 1.576 0.009 |
| 1971 | 1.606 0.009 | 1.632 0.008 | 1.609 0.008 | 1.588 0.008 | 1.599 0.006 | 1.598 0.007 | 1.607 0.006 | 1.626 0.007 | 1.631 0.006 | 1.633 0.006 | 1.625 0.009 | 1.609 0.005 | 1.614 0.004 |
| 1972 | 1.620 0.007 | 1.627 0.007 | 1.652 0.005 | 1.626 0.004 | 1.641 0.007 | 1.612 0.006 | 1.642 0.005 | 1.601 0.008 | 1.613 0.006 | 1.606 0.006 | 1.608 0.009 | 1.599 0.005 | 1.621 0.005 |
| 1973 | 1.624 0.007 | 1.596 0.008 | 1.603 0.006 | 1.574 0.008 | 1.549 0.010 | 1.568 0.007 | 1.606 0.008 | 1.615 0.006 | 1.621 0.009 | 1.599 0.006 | 1.599 0.007 | 1.612 0.008 | 1.597 0.007 |
| 1974 | 1.613 0.004 | 1.612 0.005 | 1.593 0.005 | 1.596 0.009 | 1.561 0.008 | 1.566 0.007 | 1.534 0.010 | 1.576 0.006 | 1.549 0.009 | 1.565 0.007 | 1.553 0.008 | 1.572 0.008 | 1.574 0.007 |
| 1975 | 1.586 0.009 | 1.610 0.006 | 1.612 0.005 | 1.609 0.006 | 1.617 0.005 | 1.635 0.005 | 1.642 0.010 | 1.645 0.007 | 1.613 0.004 | 1.594 0.005 | 1.598 0.008 | 1.595 0.006 | 1.613 0.006 |
| 1976 | 1.609 0.009 | 1.626 0.007 | 1.613 0.006 | 1.609 0.006 | 1.605 0.005 | 1.610 0.006 | 1.602 0.005 | 1.600 0.005 | 1.629 0.006 | 1.622 0.005 | 1.639 0.006 | 1.621 0.005 | 1.615 0.003 |
| 1977 | 1.626 0.005 | 1.617 0.006 | 1.625 0.006 | 1.621 0.005 | 1.641 0.004 | 1.625 0.007 | 1.605 0.006 | 1.629 0.004 | 1.616 0.005 | 1.631 0.004 | 1.628 0.006 | 1.626 0.004 | 1.624 0.003 |
| 1978 | 1.593 0.006 | 1.618 0.003 | 1.617 0.007 | 1.602 0.007 | 1.590 0.012 | 1.590 0.005 | 1.602 0.005 | 1.606 0.004 | 1.609 0.005 | 1.594 0.003 | 1.590 0.003 | 1.565 0.004 | 1.598 0.004 |
| 1979 | 1.583 0.004 | 1.581 0.004 | 1.576 0.004 | 1.548 0.006 | 1.551 0.004 | 1.548 0.003 | 1.515 0.007 | 1.533 0.009 | 1.518 0.007 | 1.544 0.006 | 1.563 0.005 | 1.575 0.005 | 1.553 0.007 |
| 1980 | 1.564 0.004 | 1.557 0.006 | 1.566 0.005 | 1.561 0.007 | 1.578 0.008 | 1.533 0.004 | 1.546 0.004 | 1.537 0.007 | 1.576 0.004 | 1.542 0.005 | 1.518 0.008 | 1.524 0.008 | 1.550 0.006 |
| 1981 | 1.531 0.005 | 1.540 0.004 | 1.505 0.007 | 1.510 0.007 | 1.473 0.009 | 1.520 0.005 | 1.540 0.005 | 1.537 0.007 | 1.576 0.006 | 1.531 0.010 | 1.528 0.008 | 1.535 0.005 | 1.527 0.007 |
| 1982 | 1.567 0.006 | 1.518 0.006 | 1.546 0.004 | 1.544 0.005 | 1.551 0.005 | 1.507 0.008 | 1.457 0.015 | 1.457 0.005 | 1.431 0.004 | 1.454 0.010 | 1.471 0.006 | 1.453 0.005 | 1.496 0.014 |
| 1983 | 1.506 0.006 | 1.504 0.004 | 1.523 0.005 | 1.527 0.004 | 1.503 0.006 | 1.531 0.005 | 1.540 0.005 | 1.543 0.005 | 1.567 0.004 | 1.567 0.005 | 1.554 0.004 | 1.553 0.004 | 1.535 0.007 |
| 1984 | 1.574 0.007 | 1.578 0.004 | 1.568 0.004 | 1.552 0.006 | 1.493 0.008 | 1.483 0.005 | 1.493 0.007 | 1.508 0.010 | 1.531 0.008 | 1.536 0.005 | 1.543 0.008 | 1.545 0.004 | 1.534 0.009 |
| 1985 | 1.562 0.006 | 1.537 0.006 | 1.547 0.007 | 1.558 0.005 | 1.573 0.005 | 1.566 0.004 | 1.562 0.008 | 1.570 0.018 | 1.576 0.007 | 1.591 0.005 | 1.584 0.003 | 1.591 0.004 | 1.568 0.005 |
| 1986 | 1.604 0.005 | 1.587 0.005 | 1.598 0.005 | 1.597 0.005 | 1.608 0.005 | 1.635 0.007 | 1.630 0.007 | 1.657 0.004 | 1.631 0.006 | 1.646 0.004 | 1.623 0.005 | 1.640 0.004 | 1.621 0.006 |
| 1987 | 1.658 0.006 | 1.677 0.005 | 1.672 0.004 | 1.666 0.006 | 1.643 0.008 | 1.639 0.005 | 1.639 0.005 | 1.631 0.007 | 1.629 0.004 | 1.627 0.005 | 1.589 0.007 | 1.607 0.005 | 1.640 0.008 |
| 1988 | 1.581 0.004 | 1.591 0.007 | 1.591 0.004 | 1.593 0.008 | 1.596 0.007 | 1.600 0.009 | 1.581 0.007 | 1.572 0.005 | 1.568 0.005 | 1.568 0.005 | 1.558 0.009 | 1.545 0.007 | 1.579 0.005 |
| 1989 | 1.523 0.007 | 1.532 0.005 | 1.451 0.013 | 1.464 0.008 | 1.442 0.005 | 1.452 0.007 | 1.459 0.007 | 1.460 0.006 | 1.432 0.008 | 1.399 0.008 | 1.403 0.010 | 1.415 0.008 | 1.453 0.012 |
| 1990 | 1.454 0.005 | 1.463 0.006 | 1.430 0.008 | 1.401 0.080 | 1.380 0.008 | 1.385 0.007 | 1.424 0.010 | 1.430 0.009 | 1.420 0.010 | 1.478 0.007 |  | 1.526 0.034 | 1.436 0.014 |
| 1991 | 1.536 0.013 | 1.557 0.017 | 1.438 0.023 | 1.435 0.013 | 1.455 0.015 | 1.294 0.026 | 1.291 0.008 | 1.416 0.016 | 1.438 0.011 | 1.471 0.018 | 1.485 0.014 |  | 1.438 0.024 |
| 1992 |  | 1.492 0.016 |  | 1.587 0.022 |  |  | 1.660 0.023 |  | 1.604 0.008 | 1.547 0.019 |  |  | 1.578 0.026 |
| 1993 |  |  | 1.619 0.024 | 1.605 0.019 |  |  |  |  |  |  |  |  | 1.612 0.007 |

**Таблица 6.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Мирный, Антарктида (*Rc* = 0.03 ГВ) в период 03.1963–12.2015

**Table 6.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Mirny station, Antarctica (*Rc* = 0.03 GV) in the period of 03.1963–12.2015

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1963 |  |  | 2.985 0.013 | 3.000 0.009 | 2.968 0.018 | 3.080 0.015 | 3.052 0.018 | 2.990 0.014 | 2.967 0.020 | 3.030 0.019 | 3.027 0.013 | 3.067 0.011 | 3.017 0.013 |
| 1964 | 3.068 0.024 | 3.123 0.025 | 3.110 0.013 | 3.132 0.016 | 3.187 0.014 | 3.075 0.009 | 3.200 0.020 | 3.245 0.010 | 3.241 0.010 | 3.231 0.008 | 3.245 0.010 | 3.306 0.010 | 3.180 0.022 |
| 1965 | 3.331 0.007 | 3.335 0.013 | 3.392 0.011 | 3.439 0.014 | 3.460 0.010 | 3.339 0.022 | 3.340 0.008 | 3.322 0.007 | 3.298 0.006 | 3.321 0.012 | 3.368 0.010 | 3.403 0.011 | 3.362 0.015 |
| 1966 | 3.333 0.019 | 3.302 0.013 | 3.210 0.028 | 3.191 0.017 | 3.252 0.016 | 3.277 0.021 | 3.136 0.018 | 3.048 0.015 | 2.888 0.025 | 2.983 0.016 | 3.026 0.008 | 2.985 0.017 | 3.138 0.042 |
| 1967 | 2.916 0.014 | 2.841 0.020 | 2.940 0.018 | 2.978 0.016 | 2.911 0.023 | 2.885 0.016 | 2.946 0.018 | 2.830 0.010 | 2.833 0.009 | 2.847 0.013 | 2.800 0.017 | 2.764 0.011 | 2.874 0.019 |
| 1968 | 2.778 0.011 | 2.792 0.015 | 2.768 0.010 | 2.807 0.015 | 2.721 0.014 | 2.620 0.017 | 2.590 0.022 | 2.630 0.009 | 2.570 0.011 | 2.480 0.019 | 2.350 0.022 | 2.410 0.015 | 2.626 0.044 |
| 1969 | 2.510 0.009 | 2.530 0.012 | 2.500 0.016 | 2.520 0.023 | 2.390 0.011 | 2.340 0.021 | 2.330 0.008 | 2.390 0.007 | 2.400 0.011 | 2.430 0.008 | 2.433 0.019 | 2.468 0.010 | 2.437 0.020 |
| 1970 | 2.460 0.011 | 2.458 0.009 | 2.400 0.016 | 2.387 0.012 | 2.392 0.009 | 2.325 0.015 | 2.287 0.015 | 2.289 0.017 | 2.389 0.010 | 2.452 0.011 | 2.377 0.012 | 2.463 0.013 | 2.390 0.018 |
| 1971 | 2.509 0.024 | 2.523 0.011 | 2.523 0.010 | 2.561 0.014 | 2.582 0.014 | 2.723 0.023 | 2.765 0.016 | 2.804 0.013 | 2.791 0.020 | 2.879 0.025 | 2.915 0.029 | 2.885 0.034 | 2.705 0.045 |
| 1972 | 3.001 0.025 | 3.038 0.017 | 3.097 0.013 | 3.175 0.011 | 3.183 0.013 | 3.037 0.017 | 3.078 0.017 | 2.796 0.037 | 3.005 0.019 | 3.110 0.011 | 3.087 0.036 | 3.142 0.009 | 3.062 0.030 |
| 1973 | 3.157 0.017 | 3.186 0.022 | 3.099 0.013 | 2.941 0.016 | 2.817 0.025 | 2.980 0.017 | 3.047 0.014 | 3.058 0.021 | 3.143 0.015 | 3.160 0.014 | 3.211 0.011 | 3.216 0.011 | 3.085 0.035 |
| 1974 | 3.213 0.011 | 3.249 0.016 | 3.215 0.016 | 3.149 0.011 | 3.042 0.014 | 2.984 0.013 | 2.835 0.018 | 2.922 0.017 | 2.889 0.024 | 2.843 0.009 | 2.863 0.009 | 2.958 0.008 | 3.014 0.045 |
| 1975 | 2.983 0.016 | 3.067 0.006 | 3.103 0.005 | 3.151 0.010 | 3.190 0.009 | 3.210 0.010 | 3.220 0.008 | 3.196 0.007 | 3.230 0.008 | 3.227 0.007 | 3.149 0.009 | 3.182 0.008 | 3.159 0.022 |
| 1976 | 3.179 0.006 | 3.172 0.007 | 3.170 0.021 | 3.110 0.023 | 3.175 0.012 | 3.233 0.011 | 3.272 0.010 | 3.297 0.009 | 3.295 0.015 | 3.314 0.009 | 3.309 0.010 | 3.288 0.009 | 3.235 0.020 |
| 1977 | 3.275 0.011 | 3.269 0.010 | 3.306 0.011 | 3.270 0.009 | 3.269 0.008 | 3.265 0.012 | 3.174 0.009 | 3.192 0.011 | 3.182 0.023 | 3.225 0.007 | 3.281 0.012 | 3.271 0.010 | 3.248 0.013 |
| 1978 | 3.154 0.018 | 3.131 0.022 | 3.048 0.023 | 2.937 0.024 | 2.720 0.046 | 2.875 0.020 | 2.840 0.017 | 2.997 0.007 | 3.030 0.018 | 2.889 0.011 | 2.941 0.014 | 2.950 0.015 | 2.959 0.035 |
| 1979 | 2.879 0.013 | 2.872 0.020 | 2.795 0.013 | 2.646 0.019 | 2.680 0.018 | 2.562 0.013 | 2.523 0.019 | 2.440 0.029 | 2.406 0.025 | 2.480 0.017 | 2.492 0.018 | 2.559 0.010 | 2.611 0.047 |
| 1980 | 2.518 0.011 | 2.511 0.012 | 2.565 0.007 | 2.498 0.020 | 2.516 0.008 | 2.358 0.012 | 2.332 0.010 | 2.327 0.006 | 2.339 0.007 | 2.255 0.008 | 2.164 0.009 | 2.193 0.012 | 2.381 0.040 |
| 1981 | 2.274 0.007 | 2.242 0.010 | 2.213 0.014 | 2.187 0.010 | 2.092 0.019 | 2.253 0.007 | 2.280 0.013 | 2.290 0.012 | 2.337 0.009 | 2.242 0.018 | 2.249 0.011 | 2.353 0.011 | 2.251 0.020 |
| 1982 | 2.440 0.012 | 2.309 0.014 | 2.426 0.012 | 2.483 0.011 | 2.527 0.009 | 2.350 0.029 | 2.184 0.042 | 2.152 0.011 | 2.072 0.015 | 2.109 0.007 | 2.122 0.010 | 2.062 0.011 | 2.270 0.050 |
| 1983 | 2.151 0.014 | 2.253 0.017 | 2.340 0.007 | 2.351 0.011 | 2.254 0.011 | 2.309 0.010 | 2.415 0.013 | 2.456 0.013 | 2.500 0.008 | 2.513 0.007 | 2.528 0.009 | 2.528 0.006 | 2.383 0.036 |
| 1984 | 2.580 0.010 | 2.577 0.013 | 2.504 0.011 | 2.436 0.017 | 2.382 0.009 | 2.491 0.008 | 2.526 0.008 | 2.572 0.007 | 2.606 0.009 | 2.606 0.007 | 2.588 0.008 | 2.616 0.007 | 2.540 0.021 |
| 1985 | 2.634 0.011 | 2.691 0.010 | 2.713 0.009 | 2.755 0.015 | 2.768 0.017 | 2.837 0.010 | 2.848 0.012 | 2.875 0.009 | 2.953 0.012 | 2.971 0.009 | 3.008 0.006 | 2.977 0.010 | 2.836 0.036 |
| 1986 | 2.989 0.010 | 2.810 0.032 | 2.872 0.012 | 2.995 0.011 | 3.043 0.009 | 3.101 0.008 | 3.097 0.010 | 3.098 0.009 | 3.138 0.010 | 3.161 0.007 | 3.085 0.013 | 3.183 0.010 | 3.048 0.033 |
| 1987 | 3.248 0.008 | 3.323 0.011 | 3.321 0.010 | 3.311 0.007 | 3.279 0.014 | 3.195 0.011 | 3.155 0.010 | 3.070 0.012 | 2.987 0.009 | 2.992 0.010 | 2.928 0.010 | 2.922 0.011 | 3.144 0.045 |
| 1988 | 2.793 0.017 | 2.824 0.016 | 2.844 0.009 | 2.818 0.013 | 2.829 0.012 | 2.807 0.009 | 2.736 0.011 | 2.731 0.015 | 2.749 0.011 | 2.719 0.011 | 2.657 0.010 | 2.549 0.025 | 2.755 0.025 |
| 1989 | 2.443 0.009 | 2.451 0.014 | 2.281 0.024 | 2.230 0.008 | 2.156 0.016 | 2.117 0.015 | 2.226 0.010 | 2.198 0.018 | 2.051 0.020 | 2.013 0.020 | 1.934 0.015 | 1.969 0.010 | 2.172 0.049 |
| 1990 | 2.040 0.009 | 2.083 0.012 | 2.052 0.019 | 1.926 0.013 | 1.902 0.020 | 1.887 0.013 | 1.963 0.008 | 1.861 0.018 | 2.000 0.006 | 2.060 0.009 | 2.121 0.010 | 2.138 0.009 | 2.003 0.027 |
| 1991 | 2.210 0.011 | 2.237 0.009 | 2.052 0.031 | 2.071 0.020 | 2.113 0.018 | 1.708 0.033 | 1.744 0.025 | 1.916 0.010 | 2.055 0.019 | 2.143 0.013 | 2.194 0.019 | 2.222 0.014 | 2.055 0.052 |
| 1992 | 2.265 0.032 | 2.214 0.012 | 2.261 0.029 | 2.432 0.015 | 2.394 0.016 |  | 2.631 0.023 | 2.698 0.024 | 2.707 0.034 | 2.693 0.024 | 2.690 0.020 | 2.698 0.032 | 2.516 0.061 |
| 1993 | 2.786 0.015 | 2.778 0.016 | 2.699 0.020 | 2.787 0.022 | 2.861 0.015 | 2.877 0.019 | 2.949 0.030 | 2.911 0.015 | 3.004 0.002 | 3.046 0.020 | 3.065 0.030 | 2.965 0.020 | 2.894 0.034 |
| 1994 | 3.047 0.023 | 2.940 0.013 | 2.907 0.016 | 2.877 0.018 | 2.906 0.026 | 2.928 0.021 | 3.049 0.025 | 3.134 0.024 | 3.188 0.024 | 3.137 0.016 | 3.170 0.017 | 3.122 0.016 | 3.034 0.034 |
| 1995 | 3.174 0.023 | 3.131 0.014 | 3.191 0.017 | 3.155 0.026 | 3.204 0.023 | 3.170 0.015 | 3.245 0.023 | 3.155 0.011 | 3.336 0.035 | 3.224 0.037 | 3.235 0.030 | 3.273 0.022 | 3.206 0.018 |
| 1996 | 3.225 0.022 | 3.241 0.050 | 3.226 0.034 | 3.148 0.046 |  |  | 3.348 0.026 | 3.329 0.023 | 3.282 0.025 | 3.252 0.020 | 3.232 0.024 | 3.261 0.015 | 3.260 0.019 |
| 1997 | 3.240 0.021 | 3.290 0.022 | 3.344 0.024 | 3.282 0.020 | 3.363 0.030 | 3.303 0.029 | 3.280 0.010 | 3.337 0.028 | 3.395 0.030 | 3.291 0.022 | 3.319 0.048 | 3.244 0.036 | 3.313 0.013 |
| 1998 | 3.298 0.025 | 3.289 0.026 | 3.252 0.034 | 3.144 0.027 | 2.985 0.023 | 2.975 0.017 | 3.050 0.018 | 3.008 0.029 | 3.035 0.027 | 3.104 0.015 | 3.055 0.027 | 2.986 0.017 | 3.080 0.032 |
| 1999 | 2.938 0.022 | 2.881 0.037 | 2.903 0.019 | 2.925 0.020 | 2.854 0.017 | 2.935 0.048 | 2.949 0.036 | 2.892 0.033 | 2.726 0.018 | 2.612 0.015 | 2.575 0.012 | 2.537 0.014 | 2.799 0.047 |
| 2000 | 2.557 0.021 | 2.441 0.019 | 2.389 0.011 | 2.415 0.017 | 2.307 0.026 | 2.232 0.013 | 2.103 0.038 | 2.164 0.019 | 2.234 0.012 | 2.251 0.025 | 2.200 0.043 | 2.124 0.028 | 2.285 0.040 |
| 2001 | 2.146 0.021 | 2.288 0.023 | 2.369 0.021 | 2.220 0.033 | 2.318 0.018 | 2.266 0.030 | 2.391 0.018 | 2.359 0.027 | 2.288 0.017 | 2.211 0.035 | 2.272 0.032 | 2.352 0.013 | 2.290 0.021 |
| 2002 | 2.263 0.021 | 2.354 0.028 | 2.373 0.034 | 2.348 0.029 | 2.385 0.019 | 2.406 0.020 | 2.404 0.019 | 2.283 0.018 | 2.319 0.017 | 2.402 0.023 | 2.298 0.016 | 2.357 0.020 | 2.349 0.014 |
| 2003 | 2.387 0.013 | 2.396 0.021 | 2.385 0.018 | 2.295 0.014 | 2.383 0.015 | 2.258 0.016 | 2.355 0.028 | 2.390 0.015 | 2.407 0.020 | 2.389 0.032 | 2.182 0.029 | 2.299 0.020 | 2.344 0.020 |
| 2004 | 2.334 0.022 | 2.429 0.030 | 2.561 0.009 | 2.606 0.021 | 2.667 0.023 | 2.684 0.022 |  |  |  |  |  |  | 2.547 0.057 |
| 2005 | 2.328 0.091 | 2.650 0.027 | 2.669 0.014 | 2.753 0.014 | 2.646 0.023 | 2.742 0.024 | 2.764 0.043 | 2.754 0.034 | 2.684 0.050 | 2.780 0.026 | 2.840 0.019 | 2.762 0.030 | 2.698 0.038 |
| 2006 | 2.846 0.019 | 2.873 0.054 | 2.997 0.021 | 3.019 0.018 | 3.019 0.037 | 3.026 0.036 | 3.076 0.021 | 3.115 0.024 | 3.166 0.050 | 3.053 0.024 | 3.168 0.017 | 3.033 0.044 | 3.033 0.038 |
| 2007 | 3.206 0.028 | 3.166 0.019 | 3.173 0.015 | 3.157  0.037 | 3.290  0.008 | 3.252  0.021 | 3.343  0.022 | 3.296  0.053 | 3.320  0.026 | 3.341  0.020 | 3.287  0.023 | 3.305  0.013 | 3.178  0.094 |
| 2008 | 3.232  0.040 | 3.236  0.025 | 3.256  0.031 | 3.256  0.038 | 3.278  0.017 | 3.220  0.016 | 3.318  0.020 | 3.340  0.016 | 3.422  0.026 | 3.463  0.027 | 3.447  0.014 | 3.450  0.016 | 3.327  0.027 |
| 2009 | 3.493  0.022 | 3.469  0.013 | 3.569  0.018 | 3.623  0.019 | 3.634  0.024 | 3.667  0.028 | 3.696  0.027 | 3.588  0.033 | 3.669  0.029 | 3.639  0.027 | 3.671  0.027 | 3.679  0.021 | 3.616  0.021 |
| 2010 | 3.522  0.021 | 3.470  0.021 | 3.357  0.022 | 3.239  0.015 | 3.332  0.014 | 3.225  0.021 | 3.258  0.014 | 3.182  0.018 | 3.212  0.013 | 3.214  0.022 | 3.226  0.023 | 3.191  0.018 | 3.286  0.032 |
| 2011 | 3.228  0.028 | 3.300  0.028 | 3.137  0.022 | 3.046  0.025 | 3.051  0.027 | 2.928  0.021 | 2.955  0.019 | 2.982  0.027 | 2.961  0.024 | 2.943  0.023 | 2.974  0.011 | 3.100  0.015 | 3.050  0.035 |
| 2012 | 2.881  0.032 | 2.828  0.039 | 2.668  0.088 | 2.845  0.030 | 2.824  0.912 | 2.738  0.024 | 2.619  0.025 | 2.580  0.024 | 2.662  0.026 | 2.608  0.024 | 2.683  0.025 | 2.667  0.024 | 2.779  0.030 |
| 2013 | 2.641  0.019 | 2.657  0.013 | 2.589  0.039 | 2.577  0.021 | 2.497  0.033 | 2.479  0.051 | 2.510  0.031 | 2.367  0.020 | 2.515  0.016 | 2.493  0.021 | 2.490  0.011 | 2.472  0.014 | 2.524  0.023 |
| 2014 | 2.503  0.020 | 2.461  0.038 | 2.465  0.028 | 2.460  0.017 | 2.508  0.022 | 2.517  0.023 | 2.540  0.027 | 2.499  0.020 | 2.560  0.026 | 2.577  0.018 | 2.613  0.044 | 2.473  0.031 | 2.515  0.014 |
| 2015 | 2.560  0.029 | 2.501  0.020 | 2.474  0.022 | 2.416  0.012 | 2.535  0.022 | 2.570  0.036 | 2.615  0.018 | 2.709  0.024 | 2.682  0.014 | 2.715  0.014 | 2.797  0.024 | 2.800  0.019 | 2.615  0.036 |
| 2016 | 2.891  0.027 | 3.013  0.013 | 3.007  0.015 | 3.007  0.019 | 3.028  0.014 | 3.132  0.029 | 3.089  0.045 | 3.099  0.021 | 3.162  0.029 | 3.204  0.012 | 3.285  0.017 | 3.319  0.014 | 3.103  0.036 |
| 2017 | 3.325  0.033 | 3.379  0.030 | 3.398  0.020 | 3.367  0.039 | 3.522  0.075 | 3.618  0.043 | 3.722  0.043 | 3.506  0.048 | 3.355  0.039 | 3.352  0.018 | 3.491  0.012 | 3.481  0.020 | 3.460  0.035 |
| 2018 | 3.520  0.022 | 3.517  0.029 | 3.515  0.015 | 3.521  0.026 | 3.527  0.018 | 3.637  0.032 | 3.683  0.032 | 3.567  0.019 | 3.596  0.015 | 3.618  0.016 | 3.652  0.021 | 3.614  0.025 | 3.581  0.017 |
| 2019 | 3.636  0.020 | 3.655  0.010 | 3.732  0.021 | 3.697  0.012 | 3.573  0.022 | 3.716  0.019 | 3.680  0.035 | 3.630  0.025 | 3.693  0.020 | 3.710  0.018 | 3.705  0.019 | 3.701  0.016 | 3.677  0.013 |
| 2020 | 3.702  0.023 | 3.700  0.010 | 3.720  0.016 | 3.636  0.016 | 3.660  0.023 | 3.797  0.032 |  |  |  |  |  |  | 3.700  0.012 |
| 2021 | 3.603  0.056 | 3.525  0.028 | 3.525  0.019 | 3.573  0.022 | 3.618  0.017 | 3.601  0.022 | 3.507  0.012 | 3.576  0.024 | 3.511  0.015 | 3.524  0.018 | 3.430  0.025 | 3.462  0.028 | 3.538  0.058 |
| 2022 | 3.480  0.027 | 3.394  0.024 | 3.376  0.024 | 3.318  0.013 | 3.258  0.020 | 3.060  0.059 | 3.109  0.033 | 2.938  0.021 | 2.988  0.026 | 2.982  0.019 |  |  |  |

**Таблица 7.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 в Симеизе, Крым (*Rc* = 5.9 ГВ) в период 03.1958–12.1961 и 03.1964–04.1970

**Table 7.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Simeiz, Crimea (*Rc* = 5.9 GV) in the period of 03.1958–12.1961 and 03.1964–04.1970

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1958 |  |  | 1.625 0.009 | 1.680 0.008 | 1.678 0.017 | 1.685 0.014 | 1.650 0.009 | 1.679 0.012 | 1.701 0.018 | 1.749 0.014 | 1.722 0.017 | 1.752 0.017 | 1.692 0.013 |
| 1959 | 1.750 0.014 | 1.684 0.014 | 1.672 0.009 | 1.702 0.007 | 1.633 0.013 | 1.661 0.009 | 1.545 0.025 | 1.573 0.017 | 1.634 0.014 | 1.683 0.008 | 1.659 0.007 | 1.649 0.009 | 1.654 0.016 |
| 1960 | 1.615 0.007 | 1.635 0.007 | 1.662 0.007 | 1.645 0.017 | 1.635 0.012 | 1.661 0.011 | 1.638 0.009 | 1.674 0.009 | 1.702 0.008 | 1.683 0.006 | 1.616 0.015 | 1.674 0.011 | 1.653 0.008 |
| 1961 | 1.710 0.015 | 1.714 0.016 | 1.706 0.010 | 1.710 0.012 | 1.730 0.012 | 1.705 0.013 | 1.631 0.018 | 1.688 0.009 | 1.717 0.013 | 1.765 0.011 | 1.803 0.008 | 1.801 0.005 | 1.723 0.014 |
| 1962 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1963 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1964 |  |  | 1.875 0.012 | 1.865 0.007 | 1.860 0.006 | 1.855 0.011 | 1.856 0.007 | 1.848 0.008 | 1.873 0.008 | 1.850 0.013 | 1.819 0.030 | 1.865 0.013 | 1.857 0.005 |
| 1965 | 1.861 0.015 | 1.897 0.009 |  |  |  |  | 1.894 0.006 | 1.877 0.010 | 1.812 0.029 | 1.848 0.007 | 1.881 0.013 | 1.932 0.025 | 1.875 0.015 |
| 1966 | 1.844 0.023 | 1.888 0.011 | 1.872 0.025 | 1.853 0.026 | 1.912 0.028 | 1.884 0.009 | 1.858 0.009 | 1.871 0.011 | 1.807 0.016 | 1.830 0.033 | 1.866 0.010 | 1.851 0.018 | 1.861 0.008 |
| 1967 | 1.827 0.012 | 1.767 0.006 | 1.821 0.005 | 1.833 0.026 | 1.810 0.018 | 1.814 0.012 | 1.848 0.018 | 1.805 0.009 | 1.826 0.023 | 1.799 0.012 | 1.752 0.008 | 1.786 0.011 | 1.807 0.008 |
| 1968 | 1.790 0.019 | 1.730 0.015 | 1.786 0.009 | 1.766 0.010 | 1.755 0.005 | 1.700 0.013 | 1.750 0.009 | 1.760 0.018 | 1.760 0.013 | 1.730 0.010 | 1.670 0.005 | 1.720 0.026 | 1.743 0.010 |
| 1969 | 1.704 0.017 | 1.751 0.009 | 1.757 0.015 | 1.720 0.005 | 1.680 0.012 | 1.670 0.018 | 1.730 0.010 | 1.740 0.013 | 1.752 0.009 | 1.782 0.008 | 1.776 0.018 | 1.795 0.012 | 1.738 0.011 |
| 1970 | 1.792 0.016 | 1.795 0.012 | 1.717 0.014 | 1.668 0.013 |  |  |  |  |  |  |  |  | 1.743 0.027 |

**Таблица 8.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 в Воейково, Ленинградская область (*Rc* = 1.7 ГВ) в период 11.1964–03.1970

**Table 8.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Voyeikovo, Leningrad region (*Rc* = 1.7 GV) in the period of 11.1964–03.1970

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1964 |  |  |  |  |  |  |  |  |  |  | 3.030 0.022 | 3.090 0.025 | 3.060 0.030 |
| 1965 | 3.165 0.011 | 3.070 0.008 |  |  |  |  |  |  |  |  | 3.150 0.007 | 3.116 0.010 | 3.125 0.021 |
| 1966 | 3.098 0.016 | 3.045 0.038 | 3.006 0.028 |  | 3.074 0.022 | 3.025 0.014 | 2.986 0.009 | 2.962 0.020 | 2.783 0.017 | 2.853 0.019 | 2.970 0.038 | 2.931 0.030 | 2.976 0.028 |
| 1967 | 2.825 0.023 | 2.662 0.053 | 2.710 0.016 | 2.661 0.027 | 2.737 0.031 | 2.713 0.018 | 2.738 0.013 | 2.735 0.036 | 2.737 0.018 | 2.709 0.023 | 2.647 0.021 | 2.689 0.013 | 2.714 0.014 |
| 1968 | 2.728 0.011 | 2.690 0.032 | 2.697 0.011 | 2.765 0.029 | 2.750 0.011 | 2.510 0.019 | 2.530 0.014 | 2.590 0.011 | 2.600 0.017 | 2.520 0.016 | 2.398 0.014 | 2.360 0.015 | 2.595 0.039 |
| 1969 | 2.528 0.014 | 2.543 0.018 | 2.453 0.025 |  | 2.380 0.015 | 2.316 0.016 | 2.301 0.008 | 2.362 0.011 | 2.415 0.005 |  | 2.445 0.013 | 2.421 0.009 | 2.416 0.024 |
| 1970 | 2.421 0.022 | 2.461 0.013 | 2.456 0.009 |  |  |  |  |  |  |  |  |  | 2.446 0.013 |

**Таблица 9.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 в Норильске, Красноярский край (*Rc* = 0.6 ГВ) в период 01.1975–06.1982

**Table 9.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Norilsk, Krasnoyarsk Territory (*Rc* = 0.6 GV) in the period of 01.1975–06.1982

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1975 | 3.025 0.034 | 3.110 0.016 | 3.125 0.012 | 3.109 0.033 | 3.159 0.027 | 3.231 0.021 | 3.263 0.025 | 3.258 0.018 | 3.100 0.049 | 3.190 0.020 | 2.985 0.020 | 3.055 0.027 | 3.134 0.026 |
| 1976 | 3.154 0.009 | 3.144 0.015 | 3.135 0.034 | 3.163 0.025 | 3.164 0.033 | 3.235 0.019 | 3.300 0.020 | 3.255 0.048 | 3.278 0.034 | 3.351 0.029 | 3.287 0.010 | 3.242 0.017 | 3.226 0.021 |
| 1977 | 3.212 0.012 | 3.233 0.024 | 3.275 0.018 | 3.280 0.002 | 3.325 0.018 | 3.289 0.017 | 3.140 0.014 | 3.154 0.026 | 3.158 0.038 | 3.156 0.004 |  |  | 3.222 0.021 |
| 1978 |  |  |  | 2.826 0.085 |  |  |  |  |  |  |  |  | 2.826 0.085 |
| 1979 |  |  |  | 2.498 0.027 | 2.650 0.028 | 2.485 0.019 | 2.528 0.025 | 2.559 0.017 | 2.312 0.049 | 2.398 0.030 | 2.403 0.028 | 2.430 0.027 | 2.474 0.034 |
| 1980 | 2.444 0.018 | 2.445 0.020 | 2.489 0.018 | 2.389 0.050 | 2.494 0.013 | 2.315 0.029 | 2.291 0.025 | 2.214 0.016 | 2.214 0.014 | 2.155 0.027 | 2.071 0.025 | 2.054 0.012 | 2.298 0.045 |
| 1981 | 2.218 0.022 | 2.172 0.030 | 2.151 0.028 | 2.211 0.024 | 2.139 0.031 | 2.276 0.015 | 2.308 0.028 |  |  | 2.258 0.032 | 2.273 0.016 | 2.327 0.028 | 2.233 0.021 |
| 1982 | 2.449 0.048 | 2.250 0.026 | 2.445 0.016 | 2.478 0.015 | 2.530 0.015 | 2.341 0.046 |  |  |  |  |  |  | 2.416 0.042 |

**Таблица 10.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Ереван, Армения (*Rc* = 7.6 ГВ) в период 01.1976–04.1989

**Table 10.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Yerevan station, Armenia (*Rc* = 7.6 GV) in the period of 01.1976–04.1989

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1976 | 1.539 0.025 | 1.498 0.045 | 1.515 0.010 | 1.523 0.013 | 1.450 0.031 | 1.522 0.014 | 1.504 0.016 | 1.536 0.006 | 1.526 0.009 | 1.560 0.009 | 1.537 0.012 | 1.458 0.044 | 1.514 0.009 |
| 1977 | 1.518 0.045 |  |  | 1.443 0.008 |  |  |  |  |  |  |  |  | 1.481 0.037 |
| 1978 |  |  |  |  |  |  |  |  |  | 1.439 0.020 | 1.420 0.034 | 1.471 0.006 | 1.443 0.015 |
| 1979 | 1.426 0.016 | 1.444 0.010 | 1.449 0.006 | 1.444 0.010 | 1.449 0.007 | 1.433 0.008 |  |  |  |  |  |  | 1.441 0.004 |
| 1980 |  |  |  | 1.408 0.011 | 1.426 0.005 |  |  |  |  |  |  |  | 1.417 0.009 |
| 1981 | 1.394 0.017 | 1.381 0.017 | 1.396 0.010 | 1.377 0.006 | 1.382 0.008 | 1.380 0.006 | 1.410 0.010 |  | 1.403 0.010 | 1.356 0.010 | 1.390 0.011 | 1.407 0.006 | 1.389 0.005 |
| 1982 | 1.419 0.009 | 1.387 0.009 | 1.411 0.010 | 1.402 0.005 | 1.426 0.008 | 1.364 0.017 | 1.335 0.163 | 1.323 0.009 | 1.310 0.021 | 1.346 0.040 |  |  | 1.372 0.013 |
| 1983 | 1.401 0.018 | 1.384 0.011 | 1.418 0.007 | 1.408 0.007 | 1.385 0.013 | 1.414 0.010 | 1.429 0.009 | 1.429 0.007 | 1.442 0.008 | 1.455 0.013 | 1.432 0.007 | 1.431 0.013 | 1.419 0.006 |
| 1984 | 1.487 0.009 | 1.479 0.008 | 1.492 0.007 | 1.451 0.012 | 1.409 0.017 | 1.442 0.009 | 1.475 0.007 | 1.485 0.008 | 1.483 0.007 | 1.482 0.005 | 1.489 0.006 | 1.496 0.011 | 1.473 0.007 |
| 1985 | 1.511 0.007 | 1.510 0.009 | 1.522 0.008 |  |  | 1.529 0.008 | 1.560 0.007 | 1.521 0.012 | 1.523 0.012 | 1.517 0.006 | 1.513 0.005 | 1.535 0.008 | 1.524 0.005 |
| 1986 | 1.506 0.008 | 1.495 0.008 | 1.514 0.011 | 1.543 0.007 | 1.570 0.005 | 1.547 0.007 | 1.552 0.005 | 1.554 0.004 | 1.559 0.008 | 1.572 0.004 | 1.548 0.005 | 1.560 0.004 | 1.543 0.007 |
| 1987 | 1.574 0.013 | 1.584 0.008 | 1.592 0.008 | 1.554 0.004 | 1.573 0.005 | 1.566 0.006 | 1.513 0.008 | 1.558 0.019 | 1.487 0.030 | 1.530 0.008 | 1.516 0.014 |  | 1.550 0.010 |
| 1988 | 1.484 0.010 | 1.457 0.008 | 1.496 0.006 | 1.492 0.010 | 1.498 0.016 | 1.469 0.020 |  | 1.400 0.028 | 1.463 0.011 | 1.478 0.007 | 1.454 0.010 | 1.408 0.012 | 1.464 0.010 |
| 1989 | 1.401 0.007 | 1.410 0.004 | 1.406 0.011 | 1.406 0.011 |  |  |  |  |  |  |  |  | 1.406 0.002 |

**Таблица 11.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Тикси, Якутия (*Rc* = 0.5 ГВ) в период 02.1978–09.1987

**Table 11.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Tixie station, Yakutiya (*Rc* = 0.5 GV) in the period of 02.1978–09.1987

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1978 |  | 3.153 0.063 | 3.106 0.038 | 3.073 0.038 | 2.707 0.088 | 2.895 0.026 | 2.957 0.027 | 2.994 0.025 | 3.130 0.022 | 2.976 0.021 | 2.944 0.034 | 3.010 0.044 | 2.995 0.038 |
| 1979 | 2.953 0.026 | 2.863 0.034 | 2.856 0.024 | 2.674 0.018 | 2.715 0.032 | 2.563 0.021 | 2.581 0.010 | 2.504 0.047 | 2.487 0.037 | 2.482 0.029 | 2.440 0.072 | 2.547 0.058 | 2.639 0.050 |
| 1980 | 2.612 0.020 | 2.549 0.049 | 2.594 0.012 | 2.506 0.024 | 2.507 0.030 | 2.357 0.026 | 2.347 0.016 | 2.349 0.010 | 2.321 0.018 | 2.229 0.013 | 2.157 0.015 | 2.190 0.036 | 2.393 0.045 |
| 1981 | 2.300 0.008 | 2.241 0.022 | 2.203 0.023 | 2.165 0.025 | 2.041 0.042 | 2.231 0.005 | 2.269 0.014 | 2.185 0.008 | 2.319 0.014 | 2.160 0.037 | 2.234 0.007 | 2.108 0.063 | 2.205 0.023 |
| 1982 | 2.464 0.016 | 2.245 0.032 | 2.464 0.018 | 2.556 0.015 | 2.522 0.033 | 2.334 0.044 | 2.130 0.074 | 2.102 0.041 | 2.035 0.068 | 2.220 0.076 | 2.121 0.028 | 2.074 0.016 | 2.272 0.054 |
| 1983 | 2.209 0.030 | 2.295 0.030 | 2.335 0.008 | 2.347 0.015 | 2.234 0.022 | 2.318 0.008 | 2.381 0.013 | 2.434 0.021 | 2.496 0.010 | 2.531 0.028 | 2.551 0.023 | 2.598 0.021 | 2.394 0.037 |
| 1984 | 2.662 0.013 | 2.611 0.021 | 2.486 0.013 | 2.473 0.021 | 2.399 0.016 | 2.514 0.019 | 2.517 0.018 | 2.572 0.019 | 2.585 0.021 | 2.614 0.018 | 2.555 0.015 | 2.458 0.036 | 2.537 0.022 |
| 1985 |  |  | 2.730 0.022 | 2.756 0.039 | 2.787 0.029 | 2.746 0.023 | 2.857 0.032 | 2.821 0.004 |  | 2.926 0.014 | 2.981 0.023 | 3.000 0.008 | 2.845 0.034 |
| 1986 | 3.009 0.014 | 2.686 0.080 | 3.009 0.023 | 3.010 0.018 |  | 3.130 0.021 | 3.134 0.024 | 3.178 0.020 |  | 3.213 0.013 | 3.094 0.019 | 3.175 0.027 | 3.064 0.048 |
| 1987 | 3.300 0.023 | 3.391 0.015 | 3.370 0.025 | 3.341 0.021 | 3.259 0.034 | 3.229 0.014 | 3.122 0.022 | 3.095 0.021 | 3.047 0.012 |  |  |  | 3.239 0.042 |

**Таблица 12.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Дальнереченск, Хабаровский край (*Rc* = 7.35 ГВ) в период 08.1978–05.1982

**Table 12.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Dalnerechensk station, Khabarovsk Territory (*Rc* = 7.35 GV) in the period of 08.1978–05.1982

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1978 |  |  |  |  |  |  |  | 1.642 0.011 | 1.645 0.018 | 1.644 0.013 | 1.627 0.010 |  | 1.640 0.004 |
| 1979 |  | 1.598 0.010 | 1.582 0.008 | 1.620 0.028 | 1.542 0.017 | 1.525 0.006 | 1.459 0.022 | 1.507 0.013 | 1.541 0.016 | 1.497 0.032 |  |  | 1.541 0.017 |
| 1980 |  |  |  |  |  |  | 1.528 0.016 | 1.590 0.048 | 1.516 0.024 | 1.562 0.037 |  | 1.431 0.052 | 1.525 0.027 |
| 1981 | 1.490 0.043 | 1.533 0.046 | 1.428 0.038 | 1.512 0.001 | 1.506 0.450 | 1.475 0.044 | 1.384 0.085 |  |  | 1.514 0.042 | 1.504 0.045 | 1.436 0.081 | 1.478 0.015 |
| 1982 | 1.538 0.031 | 1.545 0.004 | 1.363 0.041 | 1.548 0.007 | 1.636 0.022 |  |  |  |  |  |  |  | 1.526 0.045 |

**Таблица 13.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 на станции Восток, Антарктида (*Rc* = 0.0 ГВ) в период 01.1980–02.1980

**Table 13.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Vostok station, Antarctica (*Rc* = 0.0 GV) in the period of 01.1980–02.1980

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1980 | 2.579 0.015 | 2.505 0.026 |  |  |  |  |  |  |  |  |  |  | 2.542 0.037 |

**Таблица 14.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2c–1), измеренные газоразрядным счетчиком СТС-6 на станции Баренцбург, Шпитцберген, Норвегия (*R*c = 0.06 ГВ) в период 05.1982, 03–07.1983

**Table 14.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Barentzburg station, Spitzbergen, Norway (*Rc* = 0.06 GV) in the period of

05.1982, 03–07.1983

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1982 |  |  |  |  | 2.586 0.078 |  |  |  |  |  |  |  | 2.586 0.078 |
| 1983 |  |  | 2.355 0.018 | 2.372 0.014 | 2.315 0.026 | 2.351 0.014 | 2.355 0.071 |  |  |  |  |  | 2.350 0.009 |

**Таблица 15.** Среднемесячные значения потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*1m ± σ, см–2⋅c–1), измеренные газоразрядным счетчиком СТС-6 в Кампинасе, Бразилия (*Rc* = 10.9 ГВ) в период 01.1988–02.1991

**Table 15.** Monthly averaged values of omnidirectional cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*1m ± σ, cm–2⋅s–1) measured with a single gas-discharged counter STS-6 at Campinas, Brazil (*Rc* = 10.9 GV) in the period of 01.1988–02.1991

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1988 | 1.103 0.033 | 1.096 0.008 | 1.086 0.007 | 1.078 0.003 | 1.072 0.006 | 1.095 0.009 | 1.078 0.006 | 1.094 0.005 | 1.095 0.010 | 1.058 0.017 | 1.037 0.031 | 1.037 0.015 | 1.077 0.007 |
| 1989 | 1.075 0.016 | 1.147 0.012 | 1.044 0.031 | 1.064 0.031 | 1.018 0.021 | 1.032 0.006 |  | 1.034 0.008 | 1.025 0.007 | 1.026 0.006 | 1.026 0.010 |  | 1.049 0.012 |
| 1990 |  |  | 1.070 0.032 | 1.033 0.038 |  |  |  | 1.016 0.004 | 1.021 0.031 | 1.021 0.031 |  |  | 1.032 0.010 |
| 1991 | 1.074 0.012 | 1.057 0.031 |  |  |  |  |  |  |  |  |  |  | 1.066 0.008 |

ТАБЛИЦЫ 16–27 Среднемесячных значений вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере (*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренных телескопом из 2-х газоразрядных счетчиков СТС-6 на станциях, указанных в таблице 1

TABLES 16–27 of Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅s–1) measured with A telescope from 2 gas-discharged counters STS-6 at the stations given in the table 1

**Таблица 16.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на северных полярных широтах Мурманской области (*Rc* = 0.6 ГВ) в период 01.1960–10.2010

**Table 16.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at the northern polar latitudes of Murmansk region (*Rc* = 0.6 GV) in the period of 01.1960–10.2010

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1960 | 0.364 0.010 | 0.357 0.004 | 0.364 0.004 | 0.361 0.007 | 0.351 0.007 | 0.353 0.005 | 0.352 0.004 | 0.371 0.008 | 0.351 0.005 | 0.369 0.006 | 0.355 0.005 | 0.355 0.006 | 0.359 0.002 |
| 1961 | 0.393 0.009 | 0.375 0.005 | 0.386 0.009 | 0.386 0.004 | 0.391 0.005 | 0.400 0.007 | 0.379 0.004 | 0.390 0.005 | 0.380 0.003 | 0.393 0.004 | 0.412 0.007 | 0.394 0.005 | 0.390 0.003 |
| 1962 | 0.409 0.002 | 0.402 0.004 | 0.409 0.004 | 0.401 0.005 | 0.411 0.003 | 0.408 0.004 | 0.405 0.006 | 0.411 0.004 | 0.408 0.004 | 0.409 0.007 | 0.419 0.004 | 0.415 0.003 | 0.409 0.001 |
| 1963 | 0.431 0.003 | 0.444 0.007 | 0.437 0.003 | 0.429 0.004 | 0.424 0.004 | 0.428 0.002 | 0.423 0.007 | 0.427 0.002 | 0.427 0.009 | 0.428 0.006 | 0.424 0.006 | 0.454 0.004 | 0.431 0.003 |
| 1964 | 0.440 0.003 | 0.444 0.003 | 0.449 0.004 | 0.443 0.003 | 0.458 0.005 | 0.472 0.004 | 0.458 0.005 | 0.458 0.005 | 0.464 0.003 | 0.456 0.005 | 0.469 0.004 | 0.477 0.004 | 0.457 0.003 |
| 1965 | 0.500 0.009 | 0.507 0.005 | 0.500 0.005 | 0.509 0.004 | 0.521 0.010 | 0.500 0.007 | 0.490 0.003 | 0.490 0.007 | 0.483 0.004 | 0.483 0.005 | 0.481 0.004 | 0.501 0.003 | 0.497 0.003 |
| 1966 | 0.493 0.007 | 0.486 0.007 | 0.471 0.008 | 0.461 0.004 | 0.482 0.006 | 0.458 0.008 | 0.449 0.007 | 0.451 0.003 | 0.413 0.008 | 0.422 0.007 | 0.443 0.002 | 0.442 0.006 | 0.456 0.007 |
| 1967 | 0.412 0.005 | 0.399 0.004 | 0.420 0.004 | 0.421 0.003 | 0.403 0.007 | 0.410 0.005 | 0.415 0.005 | 0.402 0.005 | 0.398 0.003 | 0.414 0.006 | 0.408 0.007 | 0.401 0.004 | 0.409 0.002 |
| 1968 | 0.400 0.003 | 0.405 0.006 | 0.403 0.004 | 0.408 0.005 | 0.390 0.005 | 0.377 0.005 | 0.378 0.004 | 0.368 0.003 | 0.377 0.006 | 0.355 0.006 | 0.341 0.008 | 0.335 0.004 | 0.378 0.007 |
| 1969 | 0.360 0.005 | 0.364 0.005 | 0.353 0.003 | 0.364 0.005 | 0.339 0.002 | 0.334 0.004 | 0.336 0.004 | 0.341 0.003 | 0.342 0.003 | 0.348 0.003 | 0.349 0.002 | 0.351 0.004 | 0.348 0.003 |
| 1970 | 0.351 0.004 | 0.349 0.002 | 0.348 0.004 | 0.340 0.002 | 0.342 0.001 | 0.323 0.007 | 0.321 0.006 | 0.343 0.009 | 0.337 0.006 | 0.343 0.004 | 0.341 0.004 | 0.354 0.003 | 0.341 0.003 |
| 1971 | 0.358 0.003 | 0.369 0.004 | 0.367 0.002 | 0.376 0.003 | 0.376 0.004 | 0.395 0.005 | 0.414 0.005 | 0.424 0.006 | 0.420 0.002 | 0.434 0.006 | 0.437 0.006 | 0.437 0.005 | 0.401 0.009 |
| 1972 | 0.432 0.004 | 0.439 0.004 | 0.444 0.003 | 0.458 0.003 | 0.453 0.003 | 0.442 0.006 | 0.452 0.003 | 0.395 0.011 | 0.440 0.003 | 0.451 0.003 | 0.456 0.005 | 0.453 0.003 | 0.443 0.005 |
| 1973 | 0.457 0.003 | 0.455 0.003 | 0.453 0.002 | 0.426 0.003 | 0.419 0.003 | 0.440 0.003 | 0.454 0.002 | 0.448 0.003 | 0.461 0.003 | 0.460 0.003 | 0.468 0.003 | 0.469 0.003 | 0.451 0.004 |
| 1974 | 0.483 0.002 | 0.485 0.003 | 0.473 0.003 | 0.467 0.003 | 0.454 0.004 | 0.437 0.003 | 0.420 0.003 | 0.432 0.003 | 0.433 0.009 | 0.427 0.002 | 0.416 0.002 | 0.430 0.002 | 0.446 0.007 |
| 1975 | 0.429 0.002 | 0.437 0.001 | 0.442 0.001 | 0.454 0.001 | 0.456 0.002 | 0.465 0.001 | 0.463 0.001 | 0.461 0.001 | 0.466 0.001 | 0.459 0.001 | 0.454 0.002 | 0.454 0.001 | 0.453 0.003 |
| 1976 | 0.447 0.002 | 0.449 0.002 | 0.456 0.002 | 0.433 0.003 | 0.450 0.002 | 0.458 0.002 | 0.455 0.002 | 0.472 0.002 | 0.474 0.002 | 0.470 0.002 | 0.476 0.002 | 0.476 0.001 | 0.460 0.004 |
| 1977 | 0.472 0.002 | 0.471 0.002 | 0.467 0.002 | 0.466 0.002 | 0.467 0.002 | 0.463 0.002 | 0.454 0.002 | 0.459 0.003 | 0.452 0.003 | 0.449 0.002 | 0.457 0.002 | 0.453 0.002 | 0.461 0.002 |
| 1978 | 0.443 0.002 | 0.438 0.005 | 0.428 0.003 | 0.421 0.003 | 0.393 0.006 | 0.411 0.003 | 0.410 0.003 | 0.428 0.002 | 0.433 0.003 | 0.416 0.002 | 0.423 0.002 | 0.425 0.002 | 0.422 0.004 |
| 1979 | 0.417 0.002 | 0.412 0.002 | 0.392 0.002 | 0.376 0.002 | 0.386 0.002 | 0.367 0.002 | 0.363 0.002 | 0.344 0.003 | 0.340 0.002 | 0.347 0.002 | 0.354 0.001 | 0.364 0.001 | 0.372 0.007 |
| 1980 | 0.365 0.001 | 0.356 0.002 | 0.360 0.001 | 0.346 0.002 | 0.351 0.002 | 0.326 0.003 | 0.316 0.002 | 0.320 0.001 | 0.323 0.002 | 0.316 0.001 | 0.302 0.001 | 0.306 0.001 | 0.332 0.006 |
| 1981 | 0.323 0.002 | 0.309 0.002 | 0.312 0.002 | 0.304 0.002 | 0.295 0.003 | 0.316 0.002 | 0.310 0.003 | 0.317 0.003 | 0.328 0.002 | 0.316 0.003 | 0.313 0.001 | 0.324 0.001 | 0.314 0.003 |
| 1982 | 0.337 0.002 | 0.313 0.002 | 0.332 0.002 | 0.345 0.002 | 0.354 0.001 | 0.333 0.003 | 0.289 0.004 | 0.303 0.002 | 0.295 0.002 | 0.301 0.001 | 0.304 0.001 | 0.293 0.002 | 0.317 0.006 |
| 1983 | 0.307 0.002 | 0.317 0.002 | 0.330 0.002 | 0.331 0.001 | 0.315 0.001 | 0.324 0.001 | 0.338 0.002 | 0.344 0.001 | 0.351 0.001 | 0.350 0.001 | 0.357 0.001 | 0.359 0.001 | 0.335 0.005 |
| 1984 | 0.367 0.001 | 0.362 0.003 | 0.346 0.002 | 0.342 0.003 | 0.328 0.001 | 0.343 0.002 | 0.347 0.002 | 0.360 0.001 | 0.369 0.001 | 0.369 0.001 | 0.366 0.001 | 0.365 0.001 | 0.355 0.004 |
| 1985 | 0.372 0.001 | 0.384 0.001 | 0.385 0.002 | 0.388 0.003 | 0.398 0.002 | 0.400 0.002 | 0.401 0.002 | 0.401 0.002 | 0.422 0.002 | 0.420 0.002 | 0.427 0.001 | 0.431 0.001 | 0.402 0.005 |
| 1986 | 0.426 0.002 | 0.394 0.005 | 0.405 0.002 | 0.425 0.002 | 0.431 0.002 | 0.441 0.001 | 0.446 0.002 | 0.443 0.001 | 0.443 0.002 | 0.446 0.002 | 0.441 0.003 | 0.442 0.002 | 0.432 0.005 |
| 1987 | 0.457 0.003 | 0.475 0.002 | 0.473 0.002 | 0.466 0.001 | 0.470 0.002 | 0.460 0.002 | 0.449 0.002 | 0.445 0.002 | 0.433 0.001 | 0.433 0.002 | 0.430 0.003 | 0.422 0.002 | 0.451 0.005 |
| 1988 | 0.398 0.003 | 0.411 0.002 | 0.410 0.002 | 0.405 0.002 | 0.407 0.001 | 0.405 0.001 | 0.400 0.002 | 0.395 0.003 | 0.390 0.002 | 0.383 0.002 | 0.385 0.002 | 0.375 0.004 | 0.397 0.003 |
| 1989 | 0.361 0.001 | 0.356 0.002 | 0.319 0.006 | 0.319 0.002 | 0.313 0.002 | 0.316 0.002 | 0.324 0.003 | 0.313 0.005 | 0.289 0.003 | 0.296 0.004 | 0.272 0.004 | 0.285 0.003 | 0.314 0.008 |
| 1990 | 0.298 0.002 | 0.298 0.002 | 0.292 0.002 | 0.290 0.002 | 0.284 0.002 | 0.263 0.004 | 0.276 0.001 | 0.269 0.003 | 0.284 0.001 | 0.286 0.002 | 0.291 0.001 | 0.308 0.002 | 0.287 0.004 |
| 1991 | 0.322 0.002 | 0.329 0.002 | 0.289 0.012 | 0.296 0.003 | 0.307 0.003 | 0.256 0.007 | 0.265 0.003 | 0.282 0.004 | 0.311 0.001 |  | 0.314 0.004 | 0.320 0.003 | 0.299 0.007 |
| 1992 | 0.318 0.003 | 0.331 0.003 | 0.342 0.006 | 0.360 0.004 | 0.352 0.005 | 0.353 0.005 | 0.342 0.001 | 0.357 0.010 | 0.366 0.011 | 0.405 0.011 | 0.392 0.007 | 0.390 0.003 | 0.360 0.007 |
| 1993 | 0.384 0.003 | 0.389 0.003 | 0.379 0.003 | 0.389 0.002 | 0.397 0.006 | 0.399 0.004 | 0.403 0.007 | 0.405 0.006 | 0.426 0.008 | 0.427 0.007 | 0.421 0.003 | 0.441 0.004 | 0.405 0.006 |
| 1994 | 0.434 0.003 | 0.414 0.003 | 0.420 0.002 | 0.420 0.004 | 0.424 0.003 | 0.420 0.003 | 0.442 0.003 | 0.441 0.002 | 0.455 0.004 | 0.438 0.003 | 0.445 0.002 | 0.451 0.002 | 0.434 0.004 |
| 1995 | 0.462 0.003 | 0.459 0.002 | 0.459 0.002 | 0.456 0.003 | 0.463 0.004 | 0.463 0.003 | 0.460 0.003 | 0.468 0.003 | 0.479 0.005 | 0.470 0.003 | 0.474 0.002 | 0.474 0.002 | 0.466 0.002 |
| 1996 | 0.474 0.003 | 0.461 0.002 | 0.479 0.002 | 0.481 0.003 | 0.476 0.002 | 0.480 0.002 | 0.484 0.002 | 0.483 0.002 | 0.484 0.004 | 0.476 0.003 | 0.487 0.004 | 0.479 0.004 | 0.479 0.002 |
| 1997 | 0.481 0.004 | 0.480 0.004 | 0.486 0.003 | 0.481 0.003 | 0.490 0.003 | 0.485 0.004 | 0.484 0.004 | 0.477 0.004 | 0.469 0.004 | 0.471 0.003 | 0.459 0.003 | 0.470 0.004 | 0.478 0.003 |
| 1998 | 0.472 0.002 | 0.467 0.002 | 0.473 0.003 | 0.452 0.005 | 0.426 0.005 | 0.436 0.003 | 0.448 0.003 | 0.432 0.008 | 0.435 0.006 | 0.445 0.004 | 0.444 0.003 | 0.432 0.003 | 0.447 0.005 |
| 1999 | 0.404 0.006 | 0.415 0.005 | 0.418 0.003 | 0.426 0.003 | 0.420 0.004 | 0.420 0.005 | 0.424 0.005 | 0.409 0.006 | 0.382 0.003 | 0.383 0.003 | 0.376 0.003 | 0.373 0.004 | 0.404 0.006 |
| 2000 | 0.375 0.004 | 0.364 0.003 | 0.347 0.002 | 0.345 0.003 | 0.333 0.004 | 0.323 0.003 | 0.314 0.004 | 0.313 0.002 | 0.318 0.003 | 0.330 0.006 | 0.319 0.003 | 0.321 0.003 | 0.334 0.006 |
| 2001 | 0.329 0.002 | 0.335 0.003 | 0.349 0.002 | 0.331 0.005 | 0.347 0.002 | 0.350 0.002 | 0.349 0.002 | 0.340 0.004 | 0.334 0.005 | 0.333 0.002 | 0.343 0.002 | 0.353 0.002 | 0.341 0.002 |
| 2002 | 0.342 0.003 | 0.360 0.005 | 0.344 0.004 | 0.337 0.006 | 0.346 0.002 | 0.354 0.003 | 0.340 0.004 | 0.329 0.003 | 0.340 0.002 | 0.341 0.003 | 0.333 0.002 | 0.342 0.003 | 0.342 0.002 |
| 2003 | 0.350 0.002 | 0.344 0.001 | 0.347 0.003 | 0.339 0.002 | 0.348 0.004 | 0.329 0.002 | 0.336 0.002 | 0.343 0.002 | 0.345 0.002 | 0.335 0.009 | 0.294 0.004 | 0.312 0.004 | 0.335 0.005 |
| 2004 | 0.320 0.003 | 0.343 0.004 | 0.362 0.002 | 0.366 0.004 | 0.367 0.004 | 0.385 0.002 | 0.376 0.004 | 0.377 0.003 | 0.383 0.005 | 0.396 0.004 | 0.375 0.006 | 0.382 0.003 | 0.369 0.006 |
| 2005 | 0.374 0.009 | 0.383 0.004 | 0.380 0.007 | 0.392 0.002 | 0.362 0.008 | 0.376 0.007 | 0.388 0.006 | 0.383 0.005 | 0.352 0.013 | 0.387 0.004 | 0.392 0.005 | 0.412 0.002 | 0.382 0.004 |
| 2006 | 0.411 0.002 | 0.416 0.001 | 0.426 0.003 | 0.434 0.004 | 0.434 0.004 | 0.439 0.003 | 0.433 0.002 | 0.450 0.003 | 0.449 0.003 | 0.440 0.002 | 0.443 0.006 | 0.424 0.004 | 0.433 0.004 |
| 2007 | 0.434 0.002 | 0.451 0.003 | 0.449 0.003 | 0.455  0.003 | 0.464  0.004 | 0.459  0.003 | 0.455  0.003 | 0.462  0.002 | 0.459  0.002 | 0.460  0.004 | 0.460  0.005 | 0.473  0.003 | 0.457  0.005 |
| 2008 | 0.459  0.004 | 0.456  0.002 | 0.462  0.004 | 0.455  0.002 | 0.466  0.002 | 0.467  0.003 | 0.478  0.002 | 0.474  0.002 | 0.484  0.004 | 0.486  0.003 | 0.491  0.004 | 0.511  0.007 | 0.474  0.005 |
| 2009 | 0.502  0.006 | 0.502  0.006 | 0.518  0.006 | 0.518  0.002 | 0.509  0.003 | 0.510  0.004 | 0.537  0.003 | 0.523  0.003 | 0.512  0.005 | 0.510  0.003 | 0.515  0.005 | 0.510  0.012 | 0.514  0.003 |
| 2010 | 0.511  0.005 | 0.500  0.002 | 0.492  0.004 | 0.479  0.004 | 0.475  0.005 | 0.477  0.003 | 0.482  0.003 | 0.470  0.003 | 0.468  0.002 | 0.471  0.005 |  |  | 0.485  0.005 |

**Таблица 17.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Долгопрудный, Московская область

(*Rc* = 2.4 ГВ) в период 01.1960–02.2011

**Table 17.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Dolgoprudny town, Moscow region (*Rc* = 2.4 GV) in the period of

01.1960–02.2011

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1960 | 0.323 0.005 | 0.333 0.007 | 0.339 0.002 | 0.322 0.007 | 0.335 0.004 | 0.329 0.006 | 0.330 0.005 | 0.347 0.004 | 0.344 0.005 | 0.351 0.003 | 0.336 0.006 | 0.346 0.008 | 0.336 0.003 |
| 1961 | 0.355 0.004 | 0.357 0.005 | 0.363 0.004 | 0.348 0.004 | 0.353 0.002 | 0.359 0.002 | 0.346 0.007 | 0.356 0.003 | 0.361 0.003 | 0.352 0.008 | 0.373 0.004 | 0.379 0.003 | 0.359 0.003 |
| 1962 | 0.384 0.002 | 0.371 0.006 | 0.364 0.005 | 0.360 0.005 | 0.372 0.004 | 0.363 0.005 | 0.361 0.008 | 0.383 0.005 | 0.381 0.011 | 0.362 0.003 | 0.369 0.006 | 0.369 0.003 | 0.370 0.002 |
| 1963 | 0.371 0.006 | 0.383 0.006 | 0.377 0.005 | 0.397 0.005 | 0.372 0.005 | 0.371 0.004 | 0.385 0.008 | 0.375 0.003 | 0.381 0.009 | 0.368 0.003 | 0.379 0.003 | 0.377 0.004 | 0.378 0.002 |
| 1964 | 0.381 0.008 | 0.388 0.006 | 0.392 0.005 | 0.372 0.009 | 0.377 0.008 | 0.382 0.006 | 0.408 0.006 | 0.417 0.004 | 0.420 0.011 | 0.416 0.006 | 0.407 0.005 | 0.414 0.004 | 0.398 0.005 |
| 1965 | 0.419 0.002 | 0.418 0.003 | 0.428 0.007 | 0.417 0.004 | 0.423 0.004 | 0.407 0.005 | 0.410 0.004 | 0.411 0.004 | 0.408 0.005 | 0.400 0.004 | 0.413 0.005 | 0.429 0.006 | 0.416 0.003 |
| 1966 | 0.412 0.003 | 0.412 0.004 | 0.416 0.004 | 0.408 0.011 | 0.411 0.005 | 0.401 0.005 | 0.392 0.007 | 0.381 0.004 | 0.361 0.007 | 0.385 0.006 | 0.392 0.006 | 0.392 0.002 | 0.397 0.005 |
| 1967 | 0.374 0.005 | 0.375 0.010 | 0.373 0.004 | 0.388 0.007 | 0.375 0.003 | 0.362 0.003 | 0.369 0.003 | 0.369 0.008 | 0.362 0.008 | 0.366 0.003 | 0.350 0.008 | 0.354 0.004 | 0.368 0.003 |
| 1968 | 0.364 0.005 | 0.360 0.003 | 0.364 0.005 | 0.379 0.013 | 0.345 0.004 | 0.329 0.004 | 0.342 0.004 | 0.348 0.005 | 0.338 0.003 | 0.332 0.011 | 0.321 0.004 | 0.319 0.002 | 0.346 0.006 |
| 1969 | 0.330 0.009 | 0.334 0.005 | 0.330 0.005 | 0.342 0.009 | 0.333 0.003 | 0.324 0.006 | 0.320 0.004 | 0.332 0.003 | 0.331 0.003 | 0.328 0.004 | 0.338 0.004 | 0.336 0.003 | 0.332 0.002 |
| 1970 | 0.335 0.005 | 0.344 0.005 | 0.337 0.004 | 0.333 0.004 | 0.331 0.005 | 0.314 0.004 | 0.316 0.003 | 0.321 0.004 | 0.332 0.004 | 0.338 0.005 | 0.319 0.002 | 0.333 0.005 | 0.329 0.003 |
| 1971 | 0.337 0.004 | 0.351 0.003 | 0.350 0.002 | 0.354 0.003 | 0.357 0.004 | 0.372 0.003 | 0.366 0.002 | 0.374 0.003 | 0.374 0.003 | 0.378 0.004 | 0.373 0.004 | 0.371 0.004 | 0.363 0.004 |
| 1972 | 0.370 0.004 | 0.370 0.004 | 0.370 0.006 | 0.399 0.004 | 0.390 0.003 | 0.372 0.002 | 0.384 0.002 | 0.370 0.002 | 0.383 0.002 | 0.387 0.002 | 0.372 0.005 | 0.379 0.003 | 0.379 0.003 |
| 1973 | 0.383 0.004 | 0.380 0.003 | 0.377 0.007 | 0.378 0.003 | 0.362 0.004 | 0.372 0.002 | 0.377 0.002 | 0.380 0.003 | 0.385 0.002 | 0.385 0.003 | 0.384 0.002 | 0.390 0.004 | 0.379 0.002 |
| 1974 | 0.393 0.002 | 0.398 0.004 | 0.390 0.003 | 0.396 0.003 | 0.383 0.002 | 0.378 0.003 | 0.366 0.004 | 0.375 0.002 | 0.366 0.006 | 0.372 0.009 | 0.368 0.002 | 0.373 0.002 | 0.380 0.003 |
| 1975 | 0.376 0.002 | 0.375 0.002 | 0.378 0.002 | 0.394 0.002 | 0.396 0.003 | 0.400 0.002 | 0.396 0.002 | 0.394 0.002 | 0.387 0.002 | 0.389 0.002 | 0.392 0.001 | 0.387 0.002 | 0.389 0.002 |
| 1976 | 0.375 0.003 | 0.376 0.003 | 0.376 0.002 | 0.373 0.003 | 0.390 0.002 | 0.385 0.002 | 0.396 0.003 | 0.395 0.002 | 0.393 0.003 | 0.390 0.002 | 0.397 0.002 | 0.397 0.002 | 0.387 0.003 |
| 1977 | 0.391 0.002 | 0.388 0.002 | 0.398 0.002 | 0.412 0.003 | 0.403 0.003 | 0.395 0.002 | 0.384 0.003 | 0.380 0.002 | 0.384 0.003 | 0.385 0.004 | 0.394 0.003 | 0.387 0.002 | 0.392 0.003 |
| 1978 | 0.381 0.002 | 0.383 0.003 | 0.379 0.003 | 0.374 0.003 | 0.350 0.006 | 0.354 0.003 | 0.354 0.003 | 0.378 0.003 | 0.379 0.003 | 0.362 0.002 | 0.362 0.002 | 0.371 0.002 | 0.369 0.003 |
| 1979 | 0.367 0.002 | 0.358 0.002 | 0.361 0.002 | 0.338 0.002 | 0.342 0.002 | 0.331 0.002 | 0.338 0.002 | 0.326 0.003 | 0.327 0.004 | 0.328 0.002 | 0.325 0.002 | 0.338 0.002 | 0.340 0.004 |
| 1980 | 0.342 0.002 | 0.331 0.002 | 0.343 0.003 | 0.333 0.003 | 0.338 0.002 | 0.319 0.002 | 0.315 0.002 | 0.310 0.002 | 0.304 0.003 | 0.299 0.002 | 0.292 0.002 | 0.290 0.002 | 0.318 0.006 |
| 1981 | 0.312 0.001 | 0.303 0.002 | 0.297 0.003 | 0.294 0.003 | 0.291 0.004 | 0.303 0.002 | 0.308 0.002 | 0.304 0.002 | 0.317 0.001 | 0.300 0.003 | 0.299 0.002 | 0.317 0.002 | 0.304 0.002 |
| 1982 | 0.325 0.001 | 0.307 0.002 | 0.324 0.002 | 0.332 0.002 | 0.341 0.002 | 0.320 0.004 | 0.284 0.006 | 0.292 0.002 | 0.281 0.002 | 0.284 0.002 | 0.291 0.003 | 0.288 0.002 | 0.306 0.006 |
| 1983 | 0.296 0.002 | 0.302 0.002 | 0.317 0.002 | 0.323 0.002 | 0.302 0.002 | 0.307 0.002 | 0.313 0.003 | 0.319 0.002 | 0.318 0.002 | 0.338 0.003 | 0.332 0.002 | 0.332 0.002 | 0.315 0.004 |
| 1984 | 0.338 0.001 | 0.334 0.001 | 0.326 0.002 | 0.324 0.002 | 0.310 0.002 | 0.320 0.003 | 0.328 0.002 | 0.330 0.001 | 0.339 0.002 | 0.332 0.002 | 0.334 0.002 | 0.344 0.002 | 0.330 0.003 |
| 1985 | 0.338 0.002 | 0.350 0.002 | 0.347 0.002 | 0.354 0.002 | 0.350 0.002 | 0.367 0.002 | 0.363 0.002 | 0.358 0.001 | 0.367 0.002 | 0.363 0.002 | 0.376 0.002 | 0.375 0.001 | 0.359 0.003 |
| 1986 | 0.371 0.002 | 0.361 0.003 | 0.370 0.003 | 0.377 0.002 | 0.383 0.002 | 0.380 0.002 | 0.373 0.001 | 0.376 0.002 | 0.374 0.002 | 0.384 0.003 | 0.386 0.002 | 0.398 0.003 | 0.378 0.003 |
| 1987 | 0.403 0.002 | 0.400 0.002 | 0.407 0.003 | 0.399 0.004 | 0.397 0.002 | 0.392 0.001 | 0.384 0.002 | 0.379 0.003 | 0.370 0.002 | 0.380 0.002 | 0.369 0.002 | 0.374 0.002 | 0.388 0.004 |
| 1988 | 0358 0.002 | 0.363 0.002 | 0.365 0.002 | 0.364 0.002 | 0.354 0.003 | 0.362 0.002 | 0.358 0.002 | 0.347 0.002 | 0.356 0.002 | 0.345 0.002 | 0.351 0.001 | 0.343 0.001 | 0.356 0.002 |
| 1989 | 0.328 0.002 | 0.332 0.002 | 0.311 0.004 | 0.294 0.003 | 0.283 0.002 | 0.298 0.003 | 0.309 0.002 | 0.300 0.002 | 0.280 0.030 | 0.278 0.002 | 0.264 0.003 | 0.282 0.002 | 0.297 0.006 |
| 1990 | 0.284 0.002 | 0.293 0.002 | 0.295 0.003 | 0.277 0.002 | 0.271 0.002 | 0.269 0.002 | 0.279 0.004 | 0.280 0.006 | 0.287 0.010 | 0.290 0.002 | 0.309 0.004 | 0.309 0.002 | 0.285 0.005 |
| 1991 | 0.322 0.002 | 0.330 0.004 | 0.307 0.012 | 0.301 0.005 | 0.297 0.004 | 0.248 0.007 | 0.259 0.003 | 0.282 0.002 | 0.290 0.030 | 0.305 0.003 | 0.308 0.004 | 0.328 0.004 | 0.298 0.007 |
| 1992 | 0.332 0.004 | 0.325 0.004 | 0.332 0.004 | 0.344 0.004 | 0.347 0.005 | 0.342 0.004 | 0.353 0.004 | 0.350 0.002 | 0.348 0.004 | 0.356 0.004 | 0.361 0.003 | 0.380 0.004 | 0.348 0.004 |
| 1993 | 0.383 0.004 | 0.371 0.003 | 0.362 0.004 | 0.360 0.003 | 0.355 0.003 | 0.364 0.004 | 0.366 0.004 | 0.365 0.005 | 0.367 0.004 | 0.377 0.004 | 0.377 0.003 | 0.390 0.002 | 0.370 0.003 |
| 1994 | 0.381 0.003 | 0.389 0.002 | 0.382 0.004 | 0.388 0.004 | 0.366 0.003 | 0.367 0.005 | 0.369 0.003 | 0.386 0.002 | 0.394 0.003 | 0.391 0.002 | 0.388 0.002 | 0.392 0.002 | 0.383 0.003 |
| 1995 | 0.401 0.003 | 0.411 0.004 | 0.398 0.005 | 0.406 0.003 | 0.403 0.003 | 0.400 0.002 | 0.393 0.002 | 0.389 0.002 | 0.398 0.003 | 0.400 0.002 | 0.410 0.003 | 0.407 0.003 | 0.401 0.002 |
| 1996 | 0.394 0.003 | 0.397 0.003 | 0.403 0.002 | 0.403 0.001 | 0.396 0.003 | 0.396 0.002 | 0.405 0.002 | 0.401 0.001 | 0.400 0.002 | 0.401 0.003 | 0.412 0.003 | 0.404 0.002 | 0.401 0.001 |
| 1997 | 0.402 0.002 | 0.409 0.002 | 0.404 0.002 | 0416 0.002 | 0.403 0.002 | 0.407 0.003 | 0.405 0.002 | 0.406 0.002 | 0.406 0.002 | 0.413 0.004 | 0.407 0.004 | 0.399 0.003 | 0.406 0.001 |
| 1998 | 0.395 0.002 | 0.390 0.002 | 0.404 0.003 | 0.389 0.003 | 0.385 0.002 | 0.387 0.003 | 0.394 0.003 | 0.382 0.005 | 0.391 0.002 | 0.399 0.002 | 0.389 0.004 | 0.384 0.003 | 0391 0.002 |
| 1999 | 0.374 0.004 | 0.374 0.003 | 0.375 0.003 | 0.382 0.002 | 0.379 0.002 | 0.380 0.003 | 0.386 0.003 | 0.378 0.004 | 0.363 0.004 | 0.361 0.003 | 0.338 0.001 | 0.343 0.002 | 0.369 0.004 |
| 2000 | 0.349 0.002 | 0.337 0.002 | 0.336 0.003 | 0.332 0.002 | 0.319 0.003 | 0.313 0.002 | 0.298 0.003 | 0.311 0.002 | 0.306 0.004 | 0.320 0.002 | 0.310 0.002 | 0.308 0.002 | 0.320 0.004 |
| 2001 | 0.317 0.002 | 0.325 0.003 | 0.345 0.004 | 0.317 0.005 | 0.327 0.003 | 0.333 0.002 | 0.337 0.004 | 0.336 0.006 | 0.327 0.004 | 0.320 0.002 | 0.338 0.003 | 0.343 0.002 | 0.330 0.003 |
| 2002 | 0.320 0.002 | 0.341 0.002 | 0.328 0.002 | 0.329 0.003 | 0.324 0.003 | 0.336 0.002 | 0.325 0.004 | 0.312 0.003 | 0.322 0.003 | 0.336 0.003 | 0.317 0.003 | 0.318 0.002 | 0.326 0.003 |
| 2003 | 0.328 0.003 | 0.334 0.002 | 0.327 0.002 | 0.327 0.002 | 0.323 0.004 | 0.309 0.004 | 0.323 0.002 | 0.331 0.002 | 0.327 0.003 | 0.318 0.010 | 0.294 0.003 | 0.315 0.002 | 0.321 0.003 |
| 2004 | 0.321 0.003 | 0.325 0.004 | 0.344 0.002 | 0.350 0.002 | 0.363 0.003 | 0.359 0.002 | 0.351 0.004 | 0.355 0.002 | 0.360 0.003 | 0.371 0.002 | 0.364 0.004 | 0.355 0.003 | 0.352 0.004 |
| 2005 | 0.342 0.006 | 0.347 0.007 | 0.359 0.003 | 0.359 0.002 | 0.358 0.003 | 0.369 0.003 | 0.361 0.003 | 0.361 0.002 | 0.347 0.006 | 0.366 0.002 | 0.377 0.002 | 0.381 0.002 | 0.361 0.003 |
| 2006 | 0.369 0.003 | 0.387 0.003 | 0.394 0.003 | 0.398 0.003 | 0.402 0.002 | 0.403 0.003 | 0.398 0.002 | 0.395 0.003 | 0.397 0.001 | 0.399 0.002 | 0.396 0.003 | 0.375 0.004 | 0.393 .0.003 |
| 2007 | 0.394 0.003 | 0.390 0.003 | 0.394 0.002 | 0.400  0.005 | 0.405  0.003 | 0.397  0.003 | 0.397  0.002 | 0.397  0.002 | 0.418  0.004 | 0.406  0.003 | 0.400  0.003 | 0.389  0.004 | 0.399  0.002 |
| 2008 | 0.399  0.002 | 0.396  0.003 | 0.402  0.003 | 0.412  0.003 | 0.399  0.004 | 0.396  0.003 | 0.405  0.004 | 0.414  0.005 | 0.403  0.002 | 0.402  0.002 | 0.417  0.002 | 0.422  0.003 | 0.406  0.002 |
| 2009 | 0.432  0.006 | 0.432  0.002 | 0.425  0.004. | 0.430  0.003 | 0.431  0.005 | 0.423  0.004 | 0.432  0.003 | 0.423  0.003 | 0.422  0.005 | 0.426  0.003 | 0.415  0.002 | 0.424  0.002 | 0.426  0.002 |
| 2010 | 0.431  0.005 | 0.423  0.004 | 0.411  0.005 | 0.411  0.002 | 0.419  0.002 | 0.413  0.004 | 0.409  0.002 | 0.409  0.004 | 0.403  0.001 |  |  |  | 0.416  0.003 |
| 2011 |  | 0.397  0.001 |  |  |  |  |  |  |  |  |  |  | 0.397  0.001 |

**Таблица 18.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Алма-Ата, Казахстан (*Rc* = 6.7 ГВ)

в период 03.1962–04.1993

**Table 18.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Alma-Ata station, Kazakhstan (*Rc* = 6.7 GV) in the period of 03.1962–04.1993

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1962 |  |  | 0.244 0.002 | 0.237 0.003 | 0.247 0.002 | 0.241 0.002 | 0.244 0.002 | 0.239 0.001 | 0.236 0.003 | 0.243 0.002 | 0.238 0.004 | 0.236 0.005 | 0.241 0.001 |
| 1963 | 0.243 0.005 | 0.243 0.003 | 0.245 0.002 | 0.246 0.002 | 0.237 0.003 | 0.234 0.004 | 0.241 0.003 | 0.239 0.002 | 0.231 0.003 | 0.237 0.004 | 0.239 0.004 | 0.245 0.006 | 0.240 0.001 |
| 1964 | 0.241 0.002 | 0.243 0.002 | 0.239 0.002 | 0.244 0.003 | 0.247 0.001 | 0.251 0.006 | 0.238 0.004 | 0.239 0.004 | 0.242 0.003 | 0.242 0.002 | 0.233 0.006 | 0.253 0.003 | 0.243 0.002 |
| 1965 | 0.247 0.002 | 0.256 0.007 | 0.254 0.004 | 0.253 0.003 | 0.254 0.004 | 0.251 0.002 | 0.246 0.005 | 0.252 0.007 | 0.263 0.006 | 0.248 0.003 | 0.244 0.005 | 0.256 0.007 | 0.252 0.002 |
| 1966 | 0.238 0.007 | 0.236 0.003 | 0.231 0.002 | 0.232 0.006 | 0.236 0.005 | 0.228 0.003 | 0.226 0.007 | 0.231 0.004 | 0.223 0.004 | 0.228 0.003 | 0.231 0.003 | 0.228 0.004 | 0.231 0.001 |
| 1967 | 0.231 0.002 | 0.238 0.005 | 0.234 0.004 | 0.234 0.003 | 0.230 0.002 | 0.226 0.003 | 0.226 0.004 | 0.231 0.005 | 0.230 0.002 | 0.236 0.003 | 0.235 0.002 | 0.238 0.002 | 0.232 0.001 |
| 1968 | 0.224 0.003 | 0.227 0.003 | 0.237 0.003 | 0.225 0.004 | 0.229 0.002 | 0.219 0.004 | 0.223 0.004 | 0.220 0.001 | 0.221 0.002 | 0.226 0.003 | 0.220 0.002 | 0.228 0.009 | 0.225 0.001 |
| 1969 | 0.221 0.003 | 0.227 0.004 | 0.232 0.003 | 0.228 0.002 | 0.218 0.002 | 0.226 0.002 | 0.227 0.007 | 0.236 0.007 | 0.246 0.006 | 0.237 0.004 | 0.235 0.005 | 0.229 0.005 | 0.230 0.002 |
| 1970 | 0.236 0.005 | 0.235 0.004 | 0.235 0.004 | 0.235 0.004 | 0.235 0.004 | 0.218 0.003 | 0.222 0.004 | 0.229 0.006 | 0.220 0.002 | 0.220 0.004 | 0.223 0.003 | 0.222 0.001 | 0.228 0.002 |
| 1971 | 0.219 0.003 | 0.221 0.003 | 0.225 0.002 | 0.231 0.003 | 0.227 0.003 | 0.231 0.003 | 0.231 0.003 | 0.238 0.004 | 0.237 0.002 | 0.234 0.003 | 0.234 0.003 | 0.231 0.004 | 0.230 0.002 |
| 1972 | 0.237 0.002 | 0.227 0.003 | 0.233 0.002 | 0.229 0.002 | 0.238 0.002 | 0.232 0.003 | 0.233 0.002 | 0.226 0.004 | 0.230 0.002 | 0.227 0.003 | 0.227 0.004 | 0.230 0.003 | 0.231 0.001 |
| 1973 | 0.234 0.002 | 0.224 0.005 | 0.237 0.003 | 0.237 0.005 | 0.232 0.002 | 0.234 0.002 | 0.240 0.002 | 0.237 0.003 | 0.233 0.002 | 0.229 0.005 | 0.241 0.001 | 0.241 0.002 | 0.235 0.001 |
| 1974 | 0.235 0.001 | 0.237 0.001 | 0.240 0.002 | 0.243 0.003 | 0.235 0.004 | 0.235 0.002 | 0.233 0.002 | 0.231 0.002 | 0.232 0.002 | 0.235 0.001 | 0.237 0.003 | 0.234 0.002 | 0.236 0.001 |
| 1975 | 0.234 0.002 | 0.236 0.001 | 0.237 0.001 | 0.232 0.001 | 0.236 0.001 | 0.237 0.001 | 0.238 0.001 | 0.241 0.001 | 0.232 0.002 | 0.231 0.003 | 0.238 0.003 | 0.236 0.002 | 0.236 0.001 |
| 1976 | 0.235 0.003 | 0.238 0.002 | 0.237 0.002 | 0.239 0.001 | 0.232 0.002 | 0.233 0.001 | 0.237 0.001 | 0.239 0.001 | 0.242 0.001 | 0.242 0.002 | 0.239 0.001 | 0.235 0.008 | 0.237 0.001 |
| 1977 | 0.236 0.001 | 0.235 0.002 | 0.240 0.002 | 0.234 0.001 | 0.243 0.002 | 0.244 0.001 | 0.239 0.002 | 0.242 0.002 | 0.239 0.001 | 0.236 0.001 | 0.236 0.001 | 0.242 0.001 | 0.239 0.001 |
| 1978 | 0.240 0.001 | 0.239 0.001 | 0.239 0.002 | 0.230 0.002 | 0.230 0.002 | 0.226 0.001 | 0.227 0.002 | 0.229 0.001 | 0.235 0.002 | 0.231 0.001 | 0.232 0.001 | 0.228 0.001 | 0.232 0.001 |
| 1979 | 0.231 0.001 | 0.230 0.001 | 0.227 0.002 | 0.223 0.001 | 0.224 0.001 | 0.224 0.001 | 0.224 0.001 | 0.221 0.002 | 0.222 0.001 | 0.226 0.002 | 0.227 0.002 | 0.228 0.002 | 0.226 0.001 |
| 1980 | 0.227 0.001 | 0.224 0.001 | 0.226 0.001 | 0.229 0.002 | 0.229 0.001 | 0.223 0.001 | 0.223 0.001 | 0.218 0.001 | 0.223 0.001 | 0.223 0.001 | 0.218 0.001 | 0.219 0.001 | 0.224 0.001 |
| 1981 | 0.224 0.001 | 0.218 0.001 | 0.219 0.001 | 0.217 0.001 | 0.212 0.002 | 0.220 0.001 | 0.222 0.001 | 0.220 0.002 | 0.222 0.002 | 0.220 0.001 | 0.215 0.001 | 0.215 0.001 | 0.219 0.001 |
| 1982 | 0.225 0.002 | 0.214 0.001 | 0.214 0.002 | 0.217 0.002 | 0.217 0.001 | 0.214 0.002 | 0.209 0.003 | 0.211 0.002 | 0.210 0.001 | 0.210 0.002 | 0.210 0.001 | 0.212 0.001 | 0.214 0.001 |
| 1983 | 0.214 0.001 | 0.215 0.001 | 0.222 0.001 | 0.220 0.001 | 0.218 0.001 | 0.223 0.001 | 0.225 0.001 | 0.222 0.001 | 0.219 0.001 | 0.226 0.001 | 0.226 0.001 | 0.223 0.009 | 0.221 0.001 |
| 1984 | 0.224 0.001 | 0.225 0.001 | 0.226 0.001 | 0.223 0.001 | 0.216 0.001 | 0.214 0.001 | 0.219 0.001 | 0.223 0.001 | 0.224 0.001 | 0.222 0.001 | 0.223 0.001 | 0.223 0.001 | 0.222 0.001 |
| 1985 | 0.225 0.001 | 0.227 0.001 | 0.228 0.001 | 0.233 0.001 | 0.234 0.001 | 0.232 0.001 | 0.235 0.001 | 0.240 0.001 | 0.232 0.001 | 0.237 0.001 | 0.236 0.001 | 0.236 0.002 | 0.233 0.001 |
| 1986 | 0.232 0.002 | 0.231 0.002 | 0.233 0.001 | 0.231 0.002 | 0.231 0.002 | 0.236 0.001 | 0.238 0.002 | 0.237 0.002 | 0.236 0.001 | 0.236 0.001 | 0.236 0.002 | 0.238 0.001 | 0.235 0.001 |
| 1987 | 0.239 0.001 | 0.242 0.001 | 0.239 0.001 | 0.240 0.002 | 0.243 0.001 | 0.240 0.002 | 0.238 0.001 | 0.239 0.001 | 0.244 0.001 | 0.239 0.001 | 0.238 0.001 | 0.238 0.001 | 0.239 0.001 |
| 1988 | 0.236 0.001 | 0.236 0.001 | 0.236 0.001 | 0.232 0.002 | 0.233 0.002 | 0.229 0.001 | 0.229 0.001 | 0.232 0.001 | 0.227 0.001 | 0.231 0.001 | 0.229 0.001 | 0.226 0.001 | 0.231 0.001 |
| 1989 | 0.227 0.001 | 0.225 0.001 | 0.215 0.002 | 0.214 0.001 | 0.212 0.001 | 0.214 0.001 | 0.215 0.001 | 0.216 0.001 | 0.214 0.002 | 0.205 0.002 | 0.212 0.001 | 0.211 0.001 | 0.215 0.002 |
| 1990 | 0.216 0.001 | 0.218 0.001 | 0.211 0.002 | 0.207 0.002 | 0.204 0.001 | 0.205 0.002 | 0.205 0.002 | 0.211 0.002 | 0.212 0.008 | 0.218 0.002 |  | 0.220 0.007 | 0.212 0.002 |
| 1991 | 0.224 0.004 | 0.236 0.003 | 0.218 0.003 | 0.224 0.003 | 0.228 0.002 | 0.205 0.003 | 0.195 0.004 | 0.214 0.004 | 0.227 0.003 | 0.226 0.002 |  |  | 0.220 0.004 |
| 1992 |  | 0.232 0.002 |  |  |  |  | 0.242 0.003 |  | 0.235 0.002 | 0.229 0.003 |  |  | 0.235 0.003 |
| 1993 |  |  | 0.223 0.003 | 0.236 0.003 |  |  |  |  |  |  |  |  | 0.230 0.007 |

**Таблица 19.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Мирный, Антарктида (*Rc* = 0.03 ГВ)

в период 03.1963–12.2011

**Table 19.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Mirny station, Antarctica (*Rc* = 0.03 GV) in the period of 03.1963–12.2011

| Год/месяц Year/month | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | 9 | | 10 | | 11 | | 12 | | Среднее Average | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1963 |  | |  | | 0.444 0.003 | | 0.440 0.004 | | 0.434 0.007 | | 0.441 0.005 | | 0.436 0.005 | | 0.432 0.005 | 0.426 0.009 | | 0.433 0.005 | | 0.432 0.006 | | 0.437 0.006 | | 0.436 0.002 | |
| 1964 | 0.455 0.005 | | 0.439 0.002 | | 0.455 0.010 | | 0.450 0.003 | | 0.460 0.005 | | 0.455 0.002 | | 0.462 0.005 | | 0.454 0.007 | 0.459 0.006 | | 0.464 0.004 | | 0.463 0.002 | | 0.481 0.006 | | 0.458 0.003 | |
| 1965 | 0.481 0.006 | | 0.500 0.007 | | 0.501 0.003 | | 0.508 0.004 | | 0.506 0.005 | | 0.500 0.006 | | 0.506 0.013 | | 0.491 0.006 | 0.482 0.005 | | 0.489 0.004 | | 0.492 0.007 | | 0.506 0.005 | | 0.497 0.003 | |
| 1966 | 0.495 0.007 | | 0.497 0.009 | | 0.472 0.007 | | 0.477 0.003 | | 0.499 0.006 | | 0.476 0.004 | | 0.464 0.006 | | 0.466 0.009 | 0.428 0.007 | | 0.441 0.006 | | 0.444 0.006 | | 0.446 0.006 | | 0.467 0.007 | |
| 1967 | 0.426 0.004 | | 0.401 0.013 | | 0.421 0.009 | | 0.408 0.003 | | 0.400 0.009 | | 0.402 0.003 | | 0.414 0.004 | | 0.402 0.002 | 0.396 0.005 | | 0.407 0.002 | | 0.393 0.003 | | 0.394 0.004 | | 0.405 0.003 | |
| 1968 | 0.407 0.007 | | 0.395 0.005 | | 0.391 0.002 | | 0.404 0.003 | | 0.395 0.003 | | 0.381 0.003 | | 0.379 0.004 | | 0.392 0.002 | 0.381 0.002 | | 0.363 0.003 | | 0.339 0.006 | | 0.336 0.003 | | 0.380 0.007 | |
| 1969 | 0.361 0.002 | | 0.366 0.004 | | 0.352 0.006 | | 0.350 0.006 | | 0.334 0.003 | | 0.336 0.003 | | 0.342 0.004 | | 0.343 0.004 | 0.357 0.002 | | 0.344 0.003 | | 0.343 0.003 | | 0.341 0.002 | | 0.347 0.003 | |
| 1970 | 0.357 0.007 | | 0.372 0.003 | | 0.370 0.005 | | 0.352 0.004 | | 0.352 0.003 | | 0.336 0.003 | | 0.340 0.006 | | 0.341 0.006 | 0.356 0.004 | | 0.356 0.004 | | 0.353 0.006 | | 0.374 0.004 | | 0.355 0.004 | |
| 1971 | 0.378 0.006 | | 0.359 0.008 | | 0.361 0.003 | | 0.370 0.005 | | 0.372 0.006 | | 0.398 0.004 | | 0.405 0.006 | | 0.415 0.008 | 0.407 0.006 | | 0.416 0.005 | | 0.423 0.012 | | 0.417 0.018 | | 0.393 0.007 | |
| 1972 | 0.448 0.009 | | 0.428 0.004 | | 0.441 0.007 | | 0.455 0.003 | | 0.453 0.004 | | 0.428 0.004 | | 0.450 0.003 | | 0.387 0.012 | 0.442 0.008 | | 0.451 0.007 | | 0.451 0.012 | | 0.460 0.005 | | 0.441 0.006 | |
| 1973 | 0.459 0.004 | | 0.471 0.009 | | 0.441 0.005 | | 0.422 0.003 | | 0.410 0.005 | | 0.430 0.003 | | 0.436 0.003 | | 0.447 0.004 | 0.449 0.002 | | 0.453 0.002 | | 0.460 0.003 | | 0.468 0.003 | | 0.446 0.005 | |
| 1974 | 0.456 0.003 | | 0.465 0.002 | | 0.463 0.004 | | 0.447 0.002 | | 0.435 0.002 | | 0.430 0.002 | | 0.403 0.003 | | 0.418 0.003 | 0.407 0.003 | | 0.401 0.002 | | 0.406 0.001 | | 0.419 0.002 | | 0.429 0.007 | |
| 1975 | 0.430 0.003 | | 0.452 0.002 | | 0.449 0.001 | | 0.457 0.002 | | 0.467 0.001 | | 0.468 0.002 | | 0.466 0.001 | | 0.460 0.002 | 0.466 0.002 | | 0.462 0.001 | | 0.457 0.002 | | 0.459 0.001 | | 0.458 0.003 | |
| 1976 | 0.463 0.003 | | 0.458 0.002 | | 0.454 0.003 | | 0.453 0.003 | | 0.459 0.002 | | 0.471 0.002 | | 0.475 0.002 | | 0.479 0.002 | 0.480 0.002 | | 0.479 0.002 | | 0.472 0.001 | | 0.476 0.002 | | 0.468 0.003 | |
| 1977 | 0.474 0.002 | | 0.470 0.002 | | 0.474 0.002 | | 0.468 0.003 | | 0.471 0.002 | | 0.471 0.002 | | 0.460 0.002 | | 0.457 0.002 | 0.459 0.003 | | 0461 0.002 | | 0.470 0.003 | | 0.473 0.002 | | 0.467 0.002 | |
| 1978 | 0.457 0.003 | | 0.453 0.003 | | 0.441 0.004 | | 0.426 0.004 | | 0.397 0.007 | | 0.418 0.003 | | 0.412 0.003 | | 0.433 0.002 | 0.437 0.004 | | 0.418 0.002 | | 0.428 0.002 | | 0.425 0.003 | | 0.429 0.005 | |
| 1979 | 0.414 0.002 | | 0.411 0.004 | | 0.392 0.002 | | 0.373 0.002 | | 0.387 0.003 | | 0.368 0.002 | | 0.358 0.003 | | 0.348 0.005 | 0.339 0.004 | | 0.349 0.002 | | 0.354 0.003 | | 0.366 0.002 | | 0.372 0.007 | |
| 1980 | 0.366 0.002 | | 0.362 0.002 | | 0.370 0.001 | | 0.361 0.003 | | 0.364 0.001 | | 0.338 0.002 | | 0.335 0.001 | | 0.336 0.002 | 0.333 0.001 | | 0.326 0.002 | | 0.318 0.001 | | 0.321 0.001 | | 0.344 0.006 | |
| 1981 | 0.328 0.001 | | 0.321 0.002 | | 0.314 0.002 | | 0.311 0.002 | | 0.299 0.003 | | 0.321 0.002 | | 0.327 0.003 | | 0.324 0.002 | 0.331 0.001 | | 0.319 0.003 | | 0.317 0.002 | | 0.332 0.002 | | 0.320 0.003 | |
| 1982 | 0.340 0.002 | | 0.330 0.002 | | 0.343 0.002 | | 0.346 0.002 | | 0.354 0.001 | | 0.331 0.004 | | 0.302 0.005 | | 0.304 0.002 | 0.286 0.003 | | 0.295 0.002 | | 0.300 0.001 | | 0.289 0.002 | | 0.318 0.007 | |
| 1983 | 0.304 0.004 | | 0.320 0.003 | | 0.336 0.002 | | 0.339 0.002 | | 0.321 0.002 | | 0.330 0.002 | | 0.347 0.002 | | 0.344 0.002 | 0.357 0.002 | | 0.353 0.002 | | 0.358 0.001 | | 0.359 0.002 | | 0.339 0.005 | |
| 1984 | 0.368 0.002 | | 0.362 0.002 | | 0.351 0.002 | | 0.340 0.003 | | 0.336 0.002 | | 0.347 0.002 | | 0.353 0.003 | | 0.360 0.002 | 0.361 0.003 | | 0.366 0.002 | | 0.365 0.002 | | 0.366 0.002 | | 0.357 0.003 | |
| 1985 | 0.365 0.002 | | 0.375 0.002 | | 0.388 0.002 | | 0.392 0.002 | | 0.394 0.003 | | 0.404 0.001 | | 0.404 0.002 | | 0.404 0.002 | 0.411 0.002 | | 0.417 0.002 | | 0.428 0.002 | | 0.420 0.001 | | 0.400 0.005 | |
| 1986 | 0.423 0.002 | | 0.397 0.004 | | 0.406 0.002 | | 0.428 0.002 | | 0.437 0.001 | | 0.444 0.001 | | 0.449 0.002 | | 0.450 0.002 | 0.452 0.002 | | 0.456 0.001 | | 0.443 0.002 | | 0.457 0.001 | | 0.437 0.006 | |
| 1987 | 0.465 0.002 | | 0.478 0.001 | | 0.477 0.002 | | 0.474 0.001 | | 0.470 0.002 | | 0.459 0.002 | | 0.448 0.003 | | 0.427 0.002 | 0.414 0.002 | | 0.416 0.002 | | 0.408 0.002 | | 0.413 0.002 | | 0.446 0.008 | |
| 1988 | 0.392 0.003 | | 0.405 0.002 | | 0.414 0.002 | | 0.409 0.002 | | 0.417 0.002 | | 0.413 0.002 | | 0.401 0.002 | | 0.396 0.003 | 0.400 0.002 | | 0.397 0.001 | | 0.386 0.002 | | 0.370 0.004 | | 0.400 0.004 | |
| 1989 | 0.352 0.002 | | 0.353 0.002 | | 0.327 0.005 | | 0.327 0.002 | | 0.314 0.003 | | 0.310 0.002 | | 0.324 0.002 | | 0.322 0.003 | 0.290 0.003 | | 0.295 0.004 | | 0.278 0.003 | | 0.287 0.001 | | 0.315 0.007 | |
| 1990 | 0.292 0.001 | | 0.300 0.001 | | 0.290 0.002 | | 0.279 0.002 | | 0.279 0.002 | | 0.276 0.001 | | 0.275 0.003 | | 0.282 0.001 | 0.290 0.001 | | 0.293 0.001 | | 0.297 0.002 | | 0.305 0.001 | | 0.288 0.003 | |
| 1991 | 0.318 0.002 | | 0.324 0.002 | | 0.303 0.005 | | 0.301 0.003 | | 0.311 0.002 | | 0.258 0.006 | | 0.258 0.003 | | 0.285 0.003 | 0.295 0.002 | | 0.308 0.002 | | 0.313 0.003 | | 0.320 0.003 | | 0.300 0.005 | |
| 1992 | 0.339 0.004 | | 0.330 0.003 | | 0.329 0.004 | | 0.358 0.003 | | 0.357 0.008 | |  | | 0.377 0.007 | | 0.400 0.004 | 0.409 0.007 | | 0.412 0.006 | | 0.402 0.005 | | 0.409 0.006 | | 0.375 0.010 | |
| 1993 | 0.385 0.006 | | 0.393 0.003 | | 0.383 0.003 | | 0.388 0.003 | | 0.407 0.004 | | 0.394 0.004 | | 0.414 0.003 | | 0.406 0.004 | 0.419 0.003 | | 0.413 0.003 | | 0.415 0.003 | | 0.420 0.002 | | 0.403 0.004 | |
| 1994 | 0.415 0.004 | | 0.410 0.006 | | 0.418 0.008 | | 0.422 0.006 | | 0.440 0.008 | | 0.431 0.004 | | 0.433 0.003 | | 0.434 0.006 | 0.441 0.004 | | 0.421 0.004 | | 0.433 0.003 | | 0.435 0.004 | | 0.428 0.003 | |
| 1995 | 0.431 0.003 | | 0.457 0.009 | | 0.429 0.005 | | 0.416 0.005 | | 0.458 0.003 | | 0.458 0.003 | | 0.462 0.003 | | 0.467 0.003 | 0.484 0.002 | | 0.479 0.015 | | 0.466 0.004 | | 0.473 0.004 | | 0.456 0.007 | |
| 1996 | 0.471 0.004 | | 0.464 0.007 | | 0.480 0.005 | | 0.485 0.011 | |  | |  | | 0.501 0.010 | | 0.467 0.004 | 0.465 0.004 | | 0.460 0.002 | | 0.451 0.005 | | 0.457 0.003 | | 0.469 0.004 | |
| 1997 | 0454 0.006 | | 0.462 0.003 | | 0.477 0.004 | | 0.471 0.002 | | 0.478 0.004 | | 0.467 0.004 | | 0.482 0.004 | | 0.495 0.004 | 0.486 0.003 | | 0.462 0.003 | | 0.468 0.002 | | 0.473 0.004 | | 0.473 0.003 | |
| 1998 | 0.484 0.005 | | 0.467 0.009 | | 0.472 0.008 | | 0.440 0.004 | | 0.420 0.003 | | 0.422 0.002 | | 0.438 0.003 | | 0.431 0.005 | 0.438 0.004 | | 0.443 0.003 | | 0.434 0.003 | | 0.423 0.003 | | 0.443 0.006 | |
| 1999 | 0.429 0.003 | | 0.416 0.005 | | 0.416 0.003 | | 0.419 0.004 | | 0.415 0.004 | | 0.419 0.004 | | 0.424 0.006 | | 0.412 0.005 | 0.379 0.003 | | 0.362 0.003 | | 0.358 0.003 | | 0.352 0.003 | | 0.400 0.008 | |
| 2000 | 0.350 0.004 | | 0.346 0.005 | | 0.338 0.002 | | 0.344 0.003 | | 0.333 0.006 | | 0.312 0.003 | | 0.291 0.006 | | 0.301 0.004 | 0.309 0.002 | | 0.318 0.003 | | 0.300 0.004 | | 0.288 0.005 | | 0.319 0.006 | |
| 2001 | 0.288 0.004 | | 0.332 0.004 | | 0.326 0.004 | | 0.308 0.005 | | 0.305 0.002 | | 0.300 0.003 | | 0.325 0.003 | | 0.321 0.009 | 0.314 0.004 | | 0.303 0.005 | | 0.313 0.006 | | 0.331 0.005 | | 0.314 0.004 | |
| 2002 | 0.313 0.003 | | 0.316 0.006 | | 0.313 0.003 | | 0.327 0.010 | | 0.339 0.003 | | 0.338 0.003 | | 0.336 0.003 | | 0.318 0.002 | 0.320 0.002 | | 0.332 0.002 | | 0.327 0.002 | | 0.333 0.002 | | 0.326 0.003 | |
| 2003 | 0.339 0.003 | | 0.334 0.002 | | 0.335 0.002 | | 0.315 0.003 | | 0.322 0.002 | | 0.312 0.003 | | 0.320 0.002 | | 0.336 0.002 | 0.332 0.002 | | 0.340 0.004 | | 0.315 0.004 | | 0.324 0.004 | | 0.327 0.003 | |
| 2004 | 0.326 0.003 | | 0.333 0.003 | | 0.339 0.003 | | 0.372 0.003 | | 0.380 0.002 | | 0.378 0.001 | |  | |  |  | |  | |  | |  | | 0.335 0.010 | |
| 2005 | 0.310 0.015 | | 0.371 0.003 | | 0.366 0.003 | | 0.383 0.003 | | 0.376 0.004 | | 0.385 0.003 | | 0.386 0.004 | | 0.379 0.002 | 0.364 0.007 | | 0.387 0.003 | | 0.397 0.003 | | 0.384 0.002 | | 0.374 0.006 | |
| 2006 | 0.407 0.003 | | 0.413 0.005 | | 0.436 0.005 | | 0.414 0.005 | | 0.443 0.004 | | 0.452 0.006 | | 0.451 0.004 | | 0.447 0.003 | 0.441 0.007 | | 0.430 0.004 | | 0.450 0.003 | | 0.437 0.008 | | 0.435 0.005 | |
| 2007 | 0.453 0.005 | | 0.455 0.002 | | 0.458 0.002 | | 0.440  0.003 | | 0.462  0.002 | | 0.451  0.004 | | 0.469  0.003 | | 0.461  0.004 | 0.470  0.003 | | 0.476  0.003 | | 0.475  0.004 | | 0.472  0.002 | | 0.462  0.003 | |
| 2008 | | 0.457  0.004 | | 0.461  0.002 | | 0.456  0.007 | | 0.469  0.004 | | 0.459  0.003 | | 0.464  0.003 | | 0.460  0.003 | 0.471  0.004 | | 0.474  0.004 | | 0.489  0.002 | | 0.486  0.004 | | 0.488  0.004 | | 0.470  0.004 | |
| 2009 | | 0.487  0.002 | | 0.476  0.002 | | 0.502  0.002 | | 0.503  0.003 | |  | |  | |  |  | |  | |  | |  | |  | | 0.454  0.007 | |
| 2010 | | 0.492  0.005 | | 0.497  0.007 | | 0.482  0.004 | | 0.451  0.003 | | 0.460  0.009 | | 0.440  0.007 | | 0.437  0.001 | 0.433  0.003 | | 0.426  0.003 | | 0.448  0.005 | | 0.450  0.008 | | 0.437  0.004 | | 0.492  0.006 | |
| 2011 | | 0.448  0.010 | | 0.471  0.005 | | 0.439  0.010 | | 0.433  0.005 | | 0.431  0.006 | | 0.407  0.010 | | 0.420  0.002 | 0.420  0.004 | | 0.418  0.009 | | 0.416  0.012 | | 0.409  0.014 | | 0.437  0.004 | | 0.429  0.005 | |

**Таблица 20.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 в Симеизе, Крым (*Rc* = 5.9 ГВ) в период

04.1961–12.1961

**Table 20.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Simeiz, Crimea (*Rc* = 5.9 GV) in the period of 04.1961–12.1961

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1961 |  |  |  | 0.256 0.008 | 0.256 0.006 | 0.238 0.008 | 0.254 0.004 | 0.243 0.004 | 0.260 0.005 | 0.262 0.004 | 0.267 0.003 | 0.262 0.005 | 0.255 0.003 |

**Таблица 21.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Норильск, Красноярский край (*Rс* = 0.6 ГВ) в период 11.1974–06.1982

**Table 21.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Norilsk station, Krasnoyarsk Territory (*Rc* = 0.6 GV) in the period of 11.1974–06.1982

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1974 |  |  |  |  |  |  |  |  |  |  | 0.420 0.003 | 0.426 0.003 | 0.423 0.003 |
| 1975 | 0.450 0.002 | 0.449 0.003 | 0.456 0.003 | 0.459 0.003 | 0.462 0.002 | 0.470 0.003 | 0.485 0.003 | 0.474 0.006 |  | 0.465 0.002 | 0.454 0.004 | 0.462 0.002 | 0.462 0.003 |
| 1976 | 0.463 0.003 | 0.466 0.005 | 0.452 0.006 | 0.461 0.003 | 0.463 0.003 | 0.480 0.003 | 0.474 0.006 | 0.480 0.008 | 0.476 0.004 | 0.484 0.003 | 0.481 0.004 | 0.479 0.003 | 0.472 0.001 |
| 1977 | 0.473 0.002 | 0.472 0.003 | 0.481 0.005 | 0.479 0.004 | 0.486 0.004 | 0.480 0.003 | 0.469 0.003 | 0.468 0.005 | 0.466 0.008 | 0.460 0.005 |  |  | 0.473 0.003 |
| 1978 |  |  |  | 0.438 0.013 |  |  |  |  |  |  |  |  | 0.438 0.013 |
| 1979 |  |  |  | 0.393 0.006 | 0.388 0.005 | 0.386 0.007 | 0.381 0.005 | 0.378 0.004 | 0.343 0.004 | 0.358 0.005 | 0.366 0.005 | 0.382 0.004 | 0.375 0.005 |
| 1980 | 0.371 0.004 | 0.372 0.003 | 0.386 0.003 | 0.359 0.005 | 0.370 0.003 | 0.342 0.002 | 0.334 0.004 | 0.337 0.002 | 0.333 0.002 | 0.318 0.007 | 0.309 0.004 | 0.314 0.004 | 0.345 0.007 |
| 1981 | 0.324 0.005 | 0.312 0.003 | 0.316 0.004 | 0.313 0.003 | 0.306 0.005 | 0.325 0.003 | 0.330 0.002 |  | 0.345 0.003 | 0.320 0.007 | 0.324 0.004 | 0.332 0.003 | 0.322 0.003 |
| 1982 | 0.349 0.004 | 0.328 0.006 | 0.364 0.003 | 0.362 0.003 | 0.366 0.006 | 0.344 0.009 |  |  |  |  |  |  | 0.352 0.006 |

**Таблица 22.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Ереван, Армения (*Rc* = 7.6 ГВ)

в период 01.1976–05.1989

**Table 22.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Yerevan station, Armenia (*Rc* = 7.6 GV) in the period of 01.1976–05.1989

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1976 | 0.232 0.005 | 0.220 0.007 | 0.229 0.004 | 0.221 0.001 | 0.223 0.001 | 0.220 0.001 | 0.214 0.002 | 0.228 0.001 | 0.217 0.006 | 0.224 0.006 | 0.223 0.003 | 0.225 0.007 | 0.223 0.001 |
| 1977 | 0 210 0.006 |  |  | 0.229 0.011 |  | 0.212 0.003 |  |  |  | 0.179 0.005 | 0.191 0.006 |  | 0.204 0.009 |
| 1978 |  |  |  |  |  |  |  |  |  | 0.204 0.004 | 0.206 0.005 | 0.210 0.003 | 0.207 0.002 |
| 1979 | 0.199 0.006 | 0.214 0.006 | 0.202 0.003 | 0.200 0.002 | 0.212 0.004 | 0.201 0.001 |  |  |  |  |  |  | 0.205 0.003 |
| 1980 |  |  |  | 0.196 0.004 | 0.202 0.001 |  |  |  |  |  |  |  | 0.199 0.003 |
| 1981 | 0.196 0.001 | 0.187 0.004 | 0.193 0.003 | 0.194 0.003 | 0.191 0.002 | 0.188 0.002 | 0.200 0.001 |  | 0.209 0.003 | 0.197 0.003 | 0.202 0.002 | 0.216 0.004 | 0.198 0.003 |
| 1982 | 0.223 0.007 | 0.201 0.003 | 0.208 0.004 | 0.201 0.002 | 0.212 0.002 | 0.200 0.004 | 0.198 0.004 | 0.205 0.004 | 0.213 0.005 | 0.202 0.006 |  |  | 0.206 0.002 |
| 1983 | 0.198 0.004 | 0.210 0.007 | 0.219 0.004 | 0.216 0.003 | 0.208 0.005 | 0.205 0.002 | 0.202 0.004 | 0.205 0.002 | 0.211 0.002 | 0.220 0.002 | 0.214 0.002 | 0.211 0.003 | 0.210 0.002 |
| 1984 | 0.231 0.005 | 0.218 0.001 | 0.214 0.002 | 0.218 0.002 | 0.207 0.002 | 0.215 0.004 | 0.215 0.002 | 0.214 0.002 | 0.210 0.004 | 0.213 0.001 | 0.217 0.002 | 0.211 0.003 | 0.215 0.002 |
| 1985 | 0.211 0.002 | 0.209 0.002 | 0.216 0.002 |  |  | 0.215 0.002 | 0.218 0.001 | 0.211 0.003 | 0.213 0.002 | 0.216 0.002 | 0.218 0.001 | 0.216 0.002 | 0.214 0.001 |
| 1986 | 0.213 0.002 | 0.210 0.002 | 0.213 0.002 | 0.219 0.002 | 0.218 0.001 | 0.215 0.002 | 0.220 0.001 | 0.220 0.002 | 0.220 0.002 | 0.220 0.001 | 0.220 0.002 | 0.217 0.002 | 0.217 0.001 |
| 1987 | 0.221 0.004 | 0.226 0.003 | 0.226 0.007 | 0.222 0.002 | 0.220 0.002 | 0.224 0.002 | 0.210 0.002 | 0.222 0.001 | 0.207 0.008 | 0.224 0.004 | 0.217 0.002 |  | 0.220 0.002 |
| 1988 | 0.212 0.003 | 0.214 0.003 | 0.213 0.002 | 0.209 0.002 | 0.209 0.003 | 0.205 0.004 |  | 0.211 0.002 | 0.212 0.003 | 0.208 0.001 | 0.212 0.002 | 0.209 0.002 | 0.210 0.001 |
| 1989 | 0.202 0.002 | 0.209 0.002 | 0.204 0.002 | 0.210 0.004 | 0.200 0.002 |  |  |  |  |  |  |  | 0.206 0.002 |

**Таблица 23.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Тикси, Якутия (*Rc* = 0.5 ГВ)

в период 02.1978–09.1987

**Table 23.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Tixie station, Yakutiya (*Rc* = 0.5 GV) in the period of 02.1978–09.1987

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1978 |  | 0.445 0.011 | 0.434 0.005 | 0.438 0.005 | 0.382 0.013 | 0.407 0.004 | 0.417 0.004 | 0.424 0.006 | 0.428 0.002 | 0.424 0.003 | 0.423 0.007 | 0.418 0.010 | 0.422 0.005 |
| 1979 | 0.414 0.004 | 0.404 0.006 | 0.398 0.004 | 0.382 0.004 | 0.392 0.005 | 0.367 0.005 | 0.363 0.003 | 0.359 0.007 | 0.348 0.004 | 0.352 0.005 | 0.350 0.006 | 0.367 0.002 | 0.375 0.007 |
| 1980 | 0.370 0.004 | 0.364 0.004 | 0.364 0.003 | 0.364 0.005 | 0.358 0.003 | 0.334 0.006 | 0.337 0.003 | 0.329 0.002 | 0.325 0.002 | 0.322 0.002 | 0.312 0.004 | 0.318 0.006 | 0.341 0.006 |
| 1981 | 0.327 0.002 | 0.326 0.004 | 0.309 0.003 | 0.302 0.007 | 0.292 0.003 | 0.324 0.004 | 0.318 0.002 | 0.310 0.005 | 0.327 0.002 | 0.318 0.007 | 0.319 0.002 | 0.310 0.009 | 0.315 0.003 |
| 1982 | 0.346 0.004 | 0.314 0.005 | 0.350 0.005 | 0.354 0.004 | 0.350 0.008 | 0.327 0.006 | 0.299 0.010 | 0.299 0.010 | 0.281 0.008 | 0.310 0.002 | 0.308 0.003 | 0.299 0.005 | 0.320 0.007 |
| 1983 | 0.332 0.006 | 0.321 0.005 | 0.331 0.003 | 0.330 0.003 | 0.311 0.003 | 0.320 0.002 | 0.332 0.002 | 0.336 0.005 | 0.348 0.001 | 0.363 0.004 | 0.363 0.003 | 0.364 0.003 | 0.338 0.005 |
| 1984 | 0.379 0.004 | 0.366 0.005 | 0.353 0.002 | 0.344 0.003 | 0.334 0.003 | 0.339 0.003 | 0.344 0.003 | 0.356 0.005 | 0.358 0.004 | 0.358 0.003 | 0.352 0.003 | 0.357 0.004 | 0.353 0.004 |
| 1985 |  |  | 0.381 0.007 | 0.397 0.002 | 0.398 0.003 | 0.390 0.004 | 0.413 0.002 | 0.393 0.012 | 0.439 0.004 | 0.421 0.004 | 0.434 0.010 | 0.431 0.004 | 0.410 0.007 |
| 1986 | 0.429 0.003 |  | 0.427 0.002 | 0.432 0.004 | 0.438 0.003 | 0.452 0.003 | 0.450 0.003 | 0.452 0.005 | 0.462 0.002 | 0.456 0.002 | 0.452 0.002 | 0.457 0.003 | 0.446 0.004 |
| 1987 | 0.465 0.002 | 0.479 0.003 | 0.479 0.002 | 0.471 0.002 | 0.465 0.005 | 0.451 0.010 | 0.458 0.002 | 0.446 0.003 | 0.439 0.003 |  |  |  | 0.461 0.004 |

**Таблица 24.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Дальнереченск, Хабаровский край

(*Rc* = 7.35 ГВ) в период 08.1978–04.1982

**Table 24.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Dalnerechensk station, Khabarovsk Territory (*Rc* = 7.35 GV) in the period

of 08.1978–04.1982

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1978 |  |  |  |  |  |  |  | 0.238 0.003 | 0.240 0.002 | 0.233 0.002 | 0.239 0.002 |  | 0.238 0.002 |
| 1979 |  | 0.229 0.002 | 0.226 0.002 | 0.232 0.004 | 0.215 0.002 | 0.220 0.002 | 0.210 0.003 | 0.212 0.002 | 0.214 0.003 | 0.228 0.003 |  |  | 0.221 0.003 |
| 1980 |  |  |  |  |  |  | 0.206 0.003 | 0.218 0.006 | 0.216 0.006 | 0.211 0.006 | 0.234 0.012 | 0.199 0.005 | 0.214 0.005 |
| 1981 | 0.203 0.003 | 0.218 0.006 | 0.190 0.015 | 0.218 0.008 | 0.196 0.006 | 0.199 0.007 | 0 188 0.003 |  |  | 0.220 0.014 | 0.197 0.006 | 0.204 0.008 | 0.203 0.004 |
| 1982 | 0.214 0.011 | 0.227 0.001 | 0.183 0.001 | 0.204 0.006 |  |  |  |  |  |  |  |  | 0.207 0.009 |

**Таблица 25.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Восток, Антарктида (*R*c = 0.0 ГВ)

в период 01.1980–02.1980

**Table 25.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Vostok station, Antarctica (*R*c = 0.0 GV) in the period of 01.1980–02.1980

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1980 | 0.362 0.003 | 0.360 0.003 |  |  |  |  |  |  |  |  |  |  | 0.361 0.001 |

**Таблица 26.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Баренцбург, Шпитцберген, Норвегия

(*R*c = 0.06 ГВ) в период 05.1982, 03–07.1983

**Table 26.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Barentzburg station, Spitzbergen, Norway (*R*c = 0.06 GV) in the period of 05.1982, 03–07.1983

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1982 |  |  |  |  | 0.361 0.011 |  |  |  |  |  |  |  | 0.361 0.011 |
| 1983 |  |  | 0.321 0.004 | 0.333 0.002 | 0.320 0.004 | 0.325 0.002 | 0.318 0.009 |  |  |  |  |  | 0.323 0.003 |

**Таблица 27.** Среднемесячные значения вертикальных потоков космических лучей в максимуме кривой поглощения в атмосфере

(*N*2m ± σ, см–2⋅c–1⋅cр–1), измеренные телескопом из 2-х газоразрядных счетчиков СТС-6 на станции Кампинас, Бразилия (*Rc* = 10.9 ГВ) в период 01.1988–02.1991

**Table 27.** Monthly averaged values of vertical cosmic ray fluxes at the maximum of absorption curve in the atmosphere (*N*2m ± σ, cm–2⋅s–1⋅sr–1) measured with a telescope from 2 gas-discharged counters of STS-6 at Campinas, Brazil (*Rc* = 10.9 GV) in the period of 01.1988–02.1991

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1988 | 0.164 0.005 | 0.165 0.002 | 0.163 0.001 | 0.158 0.004 | 0.160 0.001 | 0.159 0.001 | 0.164 0.003 | 0.164 0.002 | 0.162 0.006 | 0.162 0.005 | 0.148 0.004 | 0.152 0.002 | 0.160 0.002 |
| 1989 | 0.160 0.001 |  | 0.156 0.005 | 0.152 0.005 | 0.156 0.005 | 0.154 0.002 |  | 0.158 0.002 | 0.159 0.005 | 0.156 0.001 | 0.152 0.006 |  | 0.156 0.001 |
| 1990 |  |  | 0.164 0.005 | 0.158 0.002 | 0.161 0.005 |  |  | 0.168 0.003 | 0.169 0.006 | 0.167 0.005 |  |  | 0.165 0.002 |
| 1991 | 0.158 0.001 | 0.158 0.001 |  |  |  |  |  |  |  |  |  |  | 0.158 0.001 |

ТАБЛИЦЫ 28–30 Среднемесячных значений потоков гамма-квантов с энергией *Е* > 20 КЭВ в максимуме кривой поглощения в атмосфере (*N*3m ± σ, см–2⋅c–1), измеренных кристаллом *NaJ*(*Tl*) на станциях, указанных в таблице 1

TABLES 28–30 of Monthly averaged values of gamma-ray fluxes with energy *E* > 20 KEV at the maximum of absorption curve in the atmosphere (*N*3m ± σ, cm–2⋅s–1) measured with a crystal *NaJ*(*Tl*) at the stations given in the table 1

**Таблица 28.** Среднемесячные значения потоков гамма-квантов с энергией *Е* > 20 кэВ в максимуме кривой поглощения в атмосфере

(*N*3m ± σ, см–2⋅c–1), измеренные кристаллом *NaJ*(*Tl*) на северных полярных широтах Мурманской области (*Rс* = 0.6 ГВ) в период

03.1965–12.1968

**Table 28.** Monthly averaged values of gamma-ray fluxes with energy *E* > 20 keV at the maximum of absorption curve in the atmosphere

(*N*3m ± σ, cm–2⋅s–1) measured with a crystal *NaJ*(*Tl*) at the northern polar latitudes of Murmansk region (*Rс* = 0.6 GV) in the period of

03.1965–12.1968

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1965 |  |  | 24.87  0.75 | 24.33  0.83 | 27.15  1.90 | 23.37  1.00 | 23.07  0.70 | 25.17  0.63 | 24.55  0.70 | 24.83  1.13 | 28.05  0.19 | 26.48  1.98 | 25.19  0.50 |
| 1966 | 22.05  1.43 | 22.62  0.68 | 20.97  0.05 |  |  | 22.77  0.07 | 24.13  2.08 | 24.10  0.37 |  | 28.20  1.31 | 26.85  1.44 | 23.70  0.59 | 23.93  0.77 |
| 1967 | 24.85  0.57 | 23.08  1.02 | 24.95  0.33 | 24.73  0.36 | 23.93  0.28 | 23.97  0.34 | 24.62  0.40 | 24.10  0.31 | 24.77  0.53 | 24.58  0.45 | 24.02  0.29 | 23.02  0.59 | 24.22  0.19 |
| 1968 | 22.53  0.44 | 21.37  0.53 | 21.37  0.20 | 22.28  0.26 | 21.55  0.44 | 21.55  0.38 | 21.13  0.70 | 20.87  0.32 | 21.02  0.14 | 19.97  1.23 | 19.93  0.60 | 19.35  0.30 | 21.08  0.27 |

**Таблица 29.** Среднемесячные значения потоков гамма-квантов с энергией *Е* > 20 кэВ в максимуме кривой поглощения в атмосфере

(*N*3m ± σ, см–2⋅c–1), измеренные кристаллом *NaJ*(*Tl*) на станции Долгопрудный, Московская область (*Rс* = 2.4 ГВ) в период 10.1964–12.1969

**Table 29.** Monthly averaged values of gamma-ray fluxes with energy *E* > 20 keV at the maximum of absorption curve in the atmosphere

(*N*3m ± σ, cm–2⋅s–1) measured with a crystal *NaJ*(*Tl*) at Dolgoprudny station, Moscow region (*Rс* = 2.4 GV) in the period of 10.1964–12.1969

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1964 |  |  |  |  |  |  |  |  |  | 22.02  0.93 |  | 24.33  1.91 | 23.18  1.16 |
| 1965 | 23.12  0.22 | 24.20  0.33 | 21.27  1.14 | 22.27  0.37 | 25.05  1.36 | 23.42  0.72 |  | 22.48  1.97 | 25.18  2.49 | 22.63  1.06 | 21.12  1.27 | 22.65  1.12 | 23.04  0.41 |
| 1966 | 19.97  1.00 | 20.65  0.62 | 23.77  1.47 | 21.95  2.41 | 21.93  0.46 | 22.50  0.85 | 20.58  0.04 | 20.60  0.92 | 22.93  1.90 | 22.12  0.93 | 23.08  0.17 | 22.15  0.44 | 21.85  0.34 |
| 1967 | 22.62  0.65 | 21.82  0.45 | 22.63  0.47 | 23.08  0.13 | 22.47  0.35 | 21.95  0.36 | 22.80  1.14 | 22.62  0.71 | 23.08  0.28 | 22.73  0.36 | 20.90  1.16 | 20.97  0.43 | 22.31  0.22 |
| 1968 | 20.37  0.35 | 20.20  0.51 | 20.07  0.24 | 19.83  0.25 | 20.00  0.77 | 20.13  0.31 | 19.92  0.17 | 19.65  0.19 | 18.53  0.56 | 18.52  0.33 | 19.05  1.16 | 18.85  0.57 | 19.59  0.19 |
| 1969 | 21.14  1.68 | 21.75  0.68 | 19.97  0.91 | 19.88  0.35 | 19.12  0.04 | 18.88  0.44 | 18.82  0.17 | 20.20  1.01 | 19.88  0.57 | 19.97  0.67 |  | 21.25  0.10 | 20.08  0.29 |

**Таблица 30.** Среднемесячные значения потоков гамма-квантов с энергией *Е* > 20 кэВ в максимуме кривой поглощения в атмосфере

(*N*3m ± σ, см–2⋅c–1), измеренные кристаллом *NaJ*(*Tl*) в Симеизе, Крым (*Rс* = 5.9 ГВ) в период 12.1964–12.1969

**Table 30.** Monthly averaged values of gamma-ray fluxes with energy *E* > 20 keV at the maximum of absorption curve in the atmosphere

(*N*3m ± σ, cm–2⋅s–1) measured with a crystal *NaJ*(*Tl*) at Simeiz, Crimea (*Rс* = 5.9 GV) in the period of 12.1964–12.1969

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| 1964 |  |  |  |  |  |  |  |  |  |  |  | 16.92 0.476 | 16.92 0.48 |
| 1965 |  |  |  |  |  | 17.28 0.86 | 18.50  0.29 | 16.85  1.71 | 17.20 0.85 | 20.37  0.61 | 18.17  1.63 | 16.62  0.49 | 17.86  0.53 |
| 1966 | 17.00  0.22 | 17.08  0.04 | 16.60  0.15 | 15.73  0.29 | 15.33  0.46 | 16.13  0.63 | 15.45  0.46 | 17.15  0.58 | 16.12  1.32 |  | 17.35  0.25 | 16.40  1.03 | 16.39  0.20 |
| 1967 | 15.40  0.09 | 13.40  0.40 | 15.83  0.48 | 17.42  0.71 | 17.32  0.52 | 18.00  0.54 |  | 17.70  0.53 | 17.75  0.25 | 18.13  0.12 | 17.55  0.29 | 17.37  0.52 | 16.90  0.44 |
| 1968 | 16.78  0.50 | 16.52  0.06 | 15.90  0.48 | 16.53  0.21 | 15.78  0.47 | 15.83  0.48 | 15.85  0.14 | 15.92  0.29 |  |  | 15.17  0.04 |  | 16.03  0.17 |
| 1969 |  | 17.78  0.53 | 16.32  0.48 |  | 14.85  0.53 | 15.47  0.46 | 15.20  0.04 | 16.38  0.49 | 16.28  0.49 |  |  | 17.33  0.52 | 16.20  0.36 |

ТАБЛИЦЫ 31–32 Среднемесячных значений потоков ПЕРВИЧНЫХ космических лучей, падающих на границу атмосферы.

TABLES 31–32 OF Monthly averaged values of Primary cosmic ray fluxes on the top of the atmosphere

**Таблица 31.** Среднемесячные значения первичных потоков космических лучей с энергией *Е* ≥ 0.1 ГэВ, падающих на границу атмосферы, *J*0(*Е* ≥ 0.1 ГэВ), м–2⋅c–1⋅cр–1

**Table 31.** Monthly averaged values of fluxes of primary cosmic rays with energy *Е* ≥ 0.1 GeV on the top of the atmosphere,

*J*0(*Е* ≥ 0.1 GeV), m–2⋅s–1⋅sr–1

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1957 |  |  |  |  |  |  | 754  64 | 964 | 739  124 | 874  311 | 1055  92 | 741 | 854  50 |
| 1958 | 986 | 1232 | 1179 | 1141  207 | 1229  205 | 1155 | 1152  230 | 1061 | 1357  232 | 1406  216 | 1370 | 1496  183 | 1230  43 |
| 1959 | 1460  212 | 1431  205 | 1488  133 | 1494  95 | 1273  210 | 1446  115 | 1303 | 1152  102 | 1258  55 | 1673  162 | 1700  231 | 1706  246 | 1449  52 |
| 1960 | 1712  198 | 1746  147 | 1861  147 | 1630  170 | 1683  151 | 1727  161 | 1614  148 | 1749  74 | 1791  126 | 1758  97 | 1799  129 | 1862  140 | 1744  23 |
| 1961 | 1945  126 | 2013  69 | 2102  84 | 2103  107 | 2227  86 | 2245  102 | 2206  53 | 2074  122 | 2175  93 | 2371  91 | 2534  97 | 2686  120 | 2223  62 |
| 1962 | 2816  83 | 2760  95 | 2672  66 | 2515  39 | 2456  27 | 2512  19 | 2510  36 | 2595  60 | 2598  63 | 2507  39 | 2733  19 | 2920  82 | 2633  42 |
| 1963 | 3094  90 | 3014  105 | 2834  28 | 2856  101 | 2793  42 | 2816  51 | 2729  26 | 2755  39 | 2843  53 | 2940  94 | 2857  68 | 3053  34 | 2882  34 |
| 1964 | 2935  88 | 3026  35 | 2993  101 | 2985  75 | 3127  47 | 3369  67 | 3254  52 | 3259  22 | 3384  41 | 3260  32 | 3297  74 | 3410  26 | 3191  49 |
| 1965 | 3613  72 | 3527  69 | 3595  35 | 3754  24 | 3804  82 | 3585  47 | 3551  26 | 3508  39 | 3490  68 | 3556  48 | 3584  61 | 3638  34 | 3600  27 |
| 1966 | 3711  54 | 3617  42 | 3476  35 | 3328  38 | 3519  69 | 3339  43 | 3257  43 | 3220  27 | 2845  85 | 2841  46 | 2864  37 | 2825  30 | 3237  93 |
| 1967 | 2714  57 | 2557  98 | 2783  27 | 2725  33 | 2517  39 | 2580  66 | 2672  64 | 2526  28 | 2456  39 | 2662  19 | 2476  80 | 2451  30 | 2593  33 |
| 1968 | 2518  71 | 2560  64 | 2438  45 | 2412  21 | 2275  92 | 2165  87 | 2193  71 | 2206  20 | 2115  97 | 1948  29 | 1719  61 | 1729  76 | 2190  81 |
| 1969 | 1999  51 | 2008  53 | 1955  57 | 2013  64 | 1769  41 | 1676  65 | 1661  26 | 1606  16 | 1580  20 | 1682  41 | 1688  39 | 1720  75 | 1780  48 |
| 1970 | 1678  74 | 1737  53 | 1712  20 | 1564  41 | 1610  27 | 1511  51 | 1446  64 | 1553  91 | 1659  62 | 1737  66 | 1714  95 | 1813  91 | 1645  31 |
| 1971 | 1871  115 | 2044  88 | 2027  53 | 2152  27 | 2190  58 | 2402  67 | 2515  96 | 2656  84 | 2680  99 | 2724  111 | 2907  104 | 2940  116 | 2426  105 |
| 1972 | 2872  46 | 3006  57 | 3109  48 | 3341  28 | 3304  34 | 3107  73 | 3251  54 | 2736  103 | 3036  38 | 3171  78 | 3206  77 | 3359  69 | 3125  55 |
| 1973 | 3333  25 | 3444  45 | 3262  24 | 2928  53 | 2870  84 | 3073  18 | 3192  45 | 3147  22 | 3336  27 | 3398  19 | 3513  55 | 3442  16 | 3245  60 |
| 1974 | 3596  57 | 3603  61 | 3457  19 | 3397  49 | 3299  79 | 3105  31 | 2913  53 | 3036  42 | 3011  9 | 2890  34 | 2737  42 | 2967  29 | 3167  84 |
| 1975 | 3023  30 | 3170  56 | 3214  47 | 3381  25 | 3433  48 | 3492  33 | 3462  40 | 3436  49 | 3476  56 | 3487  39 | 3301  44 | 3399  50 | 3356  43 |
| 1976 | 3346  68 | 3331  58 | 3416  49 | 3111  75 | 3343  35 | 3456  33 | 3539  94 | 3648  61 | 3594  56 | 3597  68 | 3598  28 | 3572  39 | 3463  46 |
| 1977 | 3546  34 | 3615  36 | 3581  66 | 3553  62 | 3545  76 | 3477  74 | 3367  54 | 3382  47 | 3412  84 | 3343  54 | 3478  66 | 3409  83 | 3476  27 |
| 1978 | 3239  114 | 3131  58 | 3030  61 | 2993  56 | 2609  55 | 2871  34 | 2824  22 | 3054  25 | 3108  46 | 2930  46 | 2960  33 | 3091  45 | 2987  48 |
| 1979 | 2883  35 | 2771  65 | 2688  65 | 2436  36 | 2500  13 | 2298  60 | 2202  23 | 2026  66 | 1881  16 | 1965  36 | 1964  21 | 2113  9 | 2311  99 |
| 1980 | 2052  45 | 1950  41 | 2048  29 | 1946  41 | 1933  15 | 1714  42 | 1571  33 | 1591  22 | 1583  15 | 1440  20 | 1377  51 | 1384  22 | 1716  75 |
| 1981 | 1536  16 | 1440  19 | 1407  38 | 1393  10 | 1384  18 | 1514  10 | 1473  27 | 1499  24 | 1585  46 | 1467  42 | 1511  28 | 1640  29 | 1487  22 |
| 1982 | 1737  9 | 1554  10 | 1745  41 | 1944  14 | 2007  47 | 1789  27 | 1370  38 | 1485  16 | 1344  24 | 1400  48 | 1402  45 | 1326  41 | 1592  70 |
| 1983 | 1377  49 | 1548  33 | 1629  31 | 1659  42 | 1507  21 | 1594  18 | 1741  20 | 1819  35 | 1900  53 | 1954  13 | 1979  34 | 2031  25 | 1728  60 |
| 1984 | 2052  76 | 2063  18 | 1792  36 | 1868  14 | 1770  18 | 1919  45 | 1971  22 | 2101  41 | 2189  43 | 2162  45 | 2124  44 | 2131  33 | 2012  42 |
| 1985 | 2205  18 | 2317  47 | 2305  62 | 2389  58 | 2400  46 | 2544  26 | 2530  23 | 2628  67 | 2819  24 | 2726  22 | 2777  46 | 2845  45 | 2540  63 |
| 1986 | 2814  46 | 2552  44 | 2648  45 | 2929  22 | 2958  44 | 3047  45 | 3032  52 | 3025  38 | 3124  50 | 3151  54 | 2987  54 | 3173  39 | 2953  56 |
| 1987 | 3326  24 | 3490  12 | 3508  32 | 3453  28 | 3455  23 | 3369  50 | 3255  64 | 3119  30 | 2932  33 | 2943  12 | 2891  29 | 2799  23 | 3212  76 |
| 1988 | 2528  58 | 2641  7 | 2609  12 | 2570  28 | 2621  8 | 2623  18 | 2509  33 | 2468  24 | 2455  30 | 2312  22 | 2333  39 | 2131  75 | 2483  45 |
| 1989 | 2060  65 | 2026  68 | 1604  44 | 1683  87 | 1578  70 | 1469  69 | 1656  47 | 1571  68 | 1260  48 | 1342  161 | 1043  62 | 1114  68 | 1534  91 |
| 1990 | 1199  50 | 1262  18 | 1271  48 | 1152  69 | 1100  84 | 934  76 | 1084  59 | 942  75 | 1076  70 | 1102  37 | 1184  138 | 1344  62 | 1138  36 |
| 1991 | 1450  49 | 1370  64 | 1166  12 | 1213  40 | 1283  17 | 997  94 | 1056  67 | 965  70 | 1127  99 | 1320  79 | 1394  35 | 1761  125 | 1258  64 |
| 1992 | 1559  14 | 1493  60 | 1740  90 | 1893  74 | 1842  82 | 2007  111 | 2041  147 | 2145  51 | 1981  91 | 2530  75 | 2309  95 | 2321  104 | 1988  89 |
| 1993 | 2472  75 | 2504  52 | 2397  20 | 2526  69 | 2634  54 | 2659  87 | 2659  41 | 2499  49 | 2851  38 | 2883  67 | 2967  33 | 3093  33 | 2679  64 |
| 1994 | 3087  44 | 2843  41 | 2871  20 | 2916  49 | 2940  36 | 2893  43 | 3165  46 | 3217  39 | 3318  24 | 3140  44 | 3183  36 | 3320  69 | 3074  50 |
| 1995 | 3314  49 | 3346  43 | 3261  53 | 3250  43 | 3262  58 | 3378  9 | 3389  21 | 3372  57 | 3487  41 | 3425  5 | 3485  28 | 3530  17 | 3375  27 |
| 1996 | 3483  18 | 3467  68 | 3609  37 | 3679  29 | 3578  21 | 3640  28 | 3627  36 | 3657  30 | 3624  30 | 3526  39 | 3546  74 | 3497  55 | 3578  21 |
| 1997 | 3455  92 | 3550  70 | 3624  56 | 3566  39 | 3695  47 | 3645  31 | 3628  31 | 3621  28 | 3543  33 | 3450  86 | 3385  34 | 3376  105 | 3545  31 |
| 1998 | 3455  62 | 3416  32 | 3558  42 | 3249  19 | 2820  40 | 2895  64 | 3104  52 | 2932  38 | 3054  10 | 3135  46 | 2986  82 | 2821  95 | 3119  73 |
| 1999 | 2517  72 | 2638  92 | 2709  57 | 2826  63 | 2738  57 | 2823  29 | 2842  100 | 2753  47 | 2295  56 | 2173  69 | 2005  100 | 1990  90 | 2526  94 |
| 2000 | 1931  121 | 1873  78 | 1662  86 | 1733  52 | 1598  43 | 1479  50 | 1254  70 | 1324  42 | 1310  75 | 1441  69 | 1331  54 | 1304  113 | 1520  68 |
| 2001 | 1294  132 | 1431  104 | 1585  150 | 1452  64 | 1602  108 | 1636  137 | 1702  78 | 1585  92 | 1528  96 | 1414  124 | 1599  104 | 1593  178 | 1535  33 |
| 2002 | 1578  130 | 1825  136 | 1649  101 | 1548  84 | 1578  138 | 1707  155 | 1734  30 | 1499  30 | 1635  68 | 1689  59 | 1593  58 | 1602  89 | 1636  26 |
| 2003 | 1754  102 | 1639  92 | 1611  96 | 1646  72 | 1617  92 | 1472  61 | 1568  58 | 1621  67 | 1601  85 | 1558  57 | 1154  28 | 1361  40 | 1550  46 |
| 2004 | 1499  54 | 1692  75 | 1788  167 | 1870  129 | 2102  79 | 2140  162 | 2191  50 | 2140  102 | 2130  148 | 2482  77 | 2146  104 | 2328  53 | 2042  80 |
| 2005 | 2084  78 | 2224  62 | 2236  69 | 2329  99 | 1785  144 | 2245  82 | 2412  16 | 2374  21 | 2110  99 | 2371  117 | 2486  35 | 2554  101 | 2268  60 |
| 2006 | 2618  71 | 2692  118 | 2850  127 | 2928  113 | 3021  44 | 3198  52 | 2948  55 | 3199  57 | 3194  48 | 3126  45 | 3132  57 | 2860  90 | 2981  57 |

**Таблица 32.** Среднемесячные значения первичных потоков космических лучей в интервале энергий 0.1 ≤ *E* ≤ 1.5 ГэВ, падающих на границу атмосферы, *J*0(0.1 ≤ *E* ≤ 1.5 ГэВ), м–2⋅c–1⋅cр–1

**Table 32.** Monthly averaged values of fluxes of primary cosmic rays in the energy interval of 0.1 ≤ *E* ≤ 1.5 GeV on the top of the atmosphere,

*J*0(0.1 ≤ *E* ≤ 1.5 GeV), m–2⋅s–1⋅sr–1

| Год/месяц Year/month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Среднее Average |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1957 |  |  |  |  |  |  | 396  135 | 568  92 | 508 |  | 438 |  | 477  38 |
| 1958 |  | 455 | 339 | 480  4 | 327  110 | 482  18 | 289 | 572  201 | 530  213 | 461  52 | 469 | 520 | 447  27 |
| 1959 | 425  46 | 620  58 | 580  224 | 406  105 | 345  44 | 438  99 | 371  206 | 374  154 | 376 | 738  148 | 541  85 | 681  22 | 491  39 |
| 1960 | 453  130 | 630  66 | 653  101 | 545 | 547  64 | 502  115 | 490  192 | 563  199 | 363  97 | 525  114 | 684  132 | 438  100 | 533  27 |
| 1961 | 630  214 | 521  164 | 554  182 | 721  212 | 764  118 | 837  126 | 751  80 | 676  144 | 616  204 | 781  165 | 861  89 | 979  344 | 724  38 |
| 1962 | 1168  431 | 1116  267 | 1119  205 | 1033  41 | 993  124 | 1075  78 | 1039  107 | 1082  251 | 995  192 | 1047  59 | 1108  162 | 1267  145 | 1087  22 |
| 1963 | 1309  103 | 1424  70 | 1282  105 | 970  135 | 1160  52 | 1073  207 | 1176  211 | 1270  118 | 1375  226 | 1290  126 | 1288  195 | 1446  234 | 1255  40 |
| 1964 | 1453  203 | 1342  65 | 1275  128 | 1529  118 | 1596  292 | 1693  203 | 1461  212 | 1317  240 | 1494  330 | 1348  268 | 1557  125 | 1604  119 | 1473  38 |
| 1965 | 1752  48 | 1725  195 | 1674  69 | 1968  192 | 1931  145 | 1872  113 | 1694  63 | 1723  66 | 1701  59 | 1929  76 | 1795  249 | 1721  210 | 1790  31 |
| 1966 | 1725  118 | 1992  392 | 1488  172 | 1530  210 | 1712  150 | 1531  196 | 1407  65 | 1435  124 | 1202  166 | 1198  214 | 1217  115 | 1186  29 | 1469  73 |
| 1967 | 1091  263 | 1151  58 | 1229  125 | 1107  206 | 811  96 | 950  156 | 1083  60 | 946  134 | 956  107 | 1136  75 | 1041  269 | 1001  150 | 1042  33 |
| 1968 | 929  131 | 1049  156 | 1017  58 | 1028  29 | 921  110 | 911  172 | 836  84 | 722  175 | 802  127 | 708  53 | 643  74 | 688  137 | 855  41 |
| 1969 | 706  108 | 645  115 | 606  55 | 667  86 | 550  183 | 528  113 | 522  36 | 448  87 | 450  121 | 517  113 | 458  151 | 379  101 | 540  29 |
| 1970 | 509  73 | 442  126 | 426  103 | 313 | 382  127 | 383  41 | 285  80 | 339  185 | 335  81 | 400  131 | 545  113 | 505  72 | 405  24 |
| 1971 | 536  56 | 545  22 | 543  57 | 649  33 | 762  182 | 744  94 | 956  143 | 1045  117 | 987  187 | 1120  185 | 1184  227 | 1216  250 | 857  74 |
| 1972 | 1358  133 | 1442  111 | 1657  28 | 1494  219 | 1558  124 | 1534  116 | 1549  80 | 1296  50 | 1330  28 | 1475  108 | 1530  256 | 1716  66 | 1495  36 |
| 1973 | 1726  92 | 1620  60 | 1513  132 | 1097  64 | 1202  154 | 1360  140 | 1573  127 | 1460  84 | 1598  105 | 1592  59 | 1750  107 | 1655  124 | 1512  58 |
| 1974 | 1868  113 | 1763  110 | 1647  134 | 1556  104 | 1421  159 | 1380  79 | 1180  127 | 1305  63 | 1367  108 | 1170  91 | 1115  83 | 1273  27 | 1421  70 |
| 1975 | 1392  127 | 1569  148 | 1529  66 | 1523  104 | 1609  160 | 1674  141 | 1669  137 | 1670  142 | 1780  78 | 1747  139 | 1589  123 | 1563  73 | 1610  31 |
| 1976 | 1559  118 | 1659  31 | 1710  90 | 1403  71 | 1491  103 | 1640  54 | 1655  204 | 1836  97 | 1892  71 | 1937  113 | 1782  64 | 1697  74 | 1688  46 |
| 1977 | 1810  56 | 1797  48 | 1715  121 | 1658  7 | 1683  172 | 1697  131 | 1559  89 | 1655  74 | 1656  91 | 1580  87 | 1657  161 | 1669  121 | 1678  21 |
| 1978 | 1482  127 | 1316  55 | 1253  104 | 1157  76 | 958  61 | 1225  75 | 1255  44 | 1267  68 | 1326  64 | 1335  115 | 1370  84 | 1404  125 | 1279  38 |
| 1979 | 1168  148 | 1276  74 | 1022  167 | 964  96 | 1023  104 | 991  84 | 777  81 | 727  139 | 690  74 | 661  82 | 666  89 | 662  119 | 885  62 |
| 1980 | 677  48 | 660  45 | 652  134 | 621  139 | 634  135 | 632  28 | 466  29 | 418  37 | 460  80 | 411  88 | 355  35 | 398  126 | 532  36 |
| 1981 | 409  36 | 369  69 | 365  155 | 349  56 | 363  83 | 407  105 | 340  126 | 366  129 | 384  154 | 390  169 | 443  132 | 373  135 | 380  8 |
| 1982 | 491  96 | 393  134 | 440  136 | 507  88 | 563  123 | 509  65 | 344  68 | 465  96 | 426  87 | 415  82 | 358  94 | 301  82 | 434  22 |
| 1983 | 360  90 | 435  86 | 378  115 | 359  139 | 421  166 | 456  174 | 531  151 | 549  165 | 633  189 | 571  149 | 652  105 | 674  100 | 502  33 |
| 1984 | 732  128 | 699  69 | 456  118 | 546  78 | 599  64 | 617  36 | 571  55 | 763  121 | 749  149 | 775  156 | 806  133 | 787  182 | 675  33 |
| 1985 | 908  153 | 836  209 | 914  172 | 878  154 | 965  162 | 935  85 | 954  68 | 1034  72 | 1215  81 | 1135  144 | 1090  75 | 1266  46 | 1011  40 |
| 1986 | 1127  126 | 1027  150 | 1053  217 | 1175  70 | 1303  139 | 1451  103 | 1419  172 | 1395  168 | 1437  119 | 1353  113 | 1219  147 | 1328  185 | 1274  43 |
| 1987 | 1460  173 | 1614  97 | 1561  57 | 1543  113 | 1612  135 | 1543  93 | 1459  84 | 1322  161 | 1315  154 | 1217  89 | 1262  200 | 1243  129 | 1429  43 |
| 1988 | 1033  122 | 1105  150 | 1005  90 | 955  86 | 1137  88 | 1138  109 | 1074  64 | 1115  85 | 1005  132 | 1074  152 | 985  126 | 925  130 | 1046  21 |
| 1989 | 899  147 | 833  196 | 585  136 | 672  83 | 662  90 | 511  78 | 577  161 | 530  137 | 453  119 | 460  67 | 313  52 | 228  72 | 560  56 |
| 1990 | 332  123 | 369  80 | 205  100 | 308  145 | 307  123 | 195  126 | 225  114 | 202  29 | 177  93 | 204  97 | 230 | 258  104 | 251  18 |
| 1991 | 261  119 | 263  128 |  | 205  186 | 296  126 | 306  71 | 279  28 | 207  48 | 328  183 | 182 | 252  218 | 345  289 | 266  16 |
| 1992 | 471  49 | 382  127 | 360  91 | 441  49 | 496  222 | 424  38 | 557  244 | 591  168 | 441  151 | 924  179 | 703  104 | 573  393 | 530  46 |
| 1993 | 983  426 | 885  244 | 831  259 | 890  170 | 1096  102 | 1033  205 | 955  38 | 958  19 | 1131  189 | 1076  90 | 1226  178 | 1234  41 | 1025  38 |
| 1994 | 1342  121 | 1128  118 | 1144  184 | 1116  137 | 1253  144 | 1318  120 | 1565  122 | 1452  173 | 1517  134 | 1365  175 | 1473  135 | 1521  150 | 1350  47 |
| 1995 | 1399  39 | 1477  257 | 1357  47 | 1361  166 | 1372  2 | 1535  93 | 1591  94 | 1635  99 | 1653  129 | 1617  66 | 1630  181 | 1787  251 | 1535  41 |
| 1996 | 1785  63 | 1618  116 | 1761  112 | 1921  209 | 1863  112 | 1949  153 | 1801  97 | 1889  138 | 1842  54 | 1820  139 | 1679  40 | 1750  151 | 1806  28 |
| 1997 | 1744  42 | 1706  151 | 1874  62 | 1583  99 | 1865  80 | 1827  86 | 1832  79 | 1756  162 | 1683  219 | 1609  308 | 1775  177 | 1957  442 | 1768  32 |
| 1998 | 1862  138 | 1898  164 | 1700  164 | 1616  155 | 1100  123 | 1157  35 | 1319  277 | 1213  159 | 1342  262 | 1235  112 | 1328  159 | 1312  147 | 1424  79 |
| 1999 | 892  90 | 954  150 | 1018  74 | 1094  59 | 1120  114 | 1179  155 | 1003  68 | 958  173 | 684  123 | 662  118 | 832  123 | 796  48 | 933  48 |
| 2000 | 610  90 | 689  63 | 431  66 | 490  118 | 506  76 | 408  94 | 382  157 | 359  143 | 359  90 | 311  109 | 359  105 | 393  102 | 442  33 |
| 2001 | 349  63 | 339  60 | 346  116 | 496  166 | 563  103 | 455  210 | 472  107 | 361  149 | 367  123 | 510  109 | 369  99 | 507  249 | 428  23 |
| 2002 | 513  275 | 543  240 | 565  150 | 457  123 | 365  273 | 464  282 | 521  92 | 475  45 | 457  107 | 372  22 | 483  110 | 515  134 | 478  18 |
| 2003 | 431  241 | 458  83 | 337  180 | 410  178 | 549  178 | 443  133 | 369  148 | 302  107 | 346  132 | 424  89 | 520  236 | 495  28 | 424  22 |
| 2004 | 346  108 | 550  25 | 535  156 | 545  68 | 511  176 | 522  296 | 672 | 612 | 608  53 | 943  399 | 794  439 | 1089  504 | 644  59 |
| 2005 | 923  120 | 924  178 | 777  169 | 1047  242 | 247  18 | 436  216 | 715  129 | 932  296 | 965  532 | 938  264 | 638  99 | 831  57 | 781  69 |
| 2006 | 1170  203 | 1027  257 | 1115  233 | 1058  160 | 1167  323 | 1355  380 | 1026  150 | 1196  94 | 1362  113 | 1354  367 | 1254  137 | 1121  43 | 1184  36 |