

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  750 кгц

секретное время 01 долгота

Станция Алма-Ата

76°55'E широта 43°15'N

| Дни   | $V_{0.02}$ | $V_{0.1}$ | $V_{0.2}$ | $V_{0.3}$ | $V_{0.4}$ | $V_{0.5}$   | $V_{0.6}$         | $V_{0.7}$ | $V_{0.8}$ | $V_{0.9}$ | $\delta_{\text{пнк}}$ | $\delta_{\text{оп}}$ | частота<br>кгц | Время<br>час. мин. |
|-------|------------|-----------|-----------|-----------|-----------|-------------|-------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1     | 0.0931     | 0.077     | 0.0659    | 0.0576    | 0.0496    | 0.0405      | 0.0303            | 0.0212    | 0.0131    | 0.00303   | 0.24                  | 0.101                | 780            | 01 <sup>00</sup>   |
| 2     |            |           |           |           |           |             | Замеры не провод. |           |           |           |                       |                      |                |                    |
| 3     | 0.409      | 0.221     | 0.154     | 0.117     | 0.076     | 0.0361      | —                 | —         | —         | —         | 1.02                  | 0.586                | 780            | 01 <sup>00</sup>   |
| 4     | 0.239      | 0.148     | 0.102     | 0.0755    | 0.0573    | 0.0416      | 0.0338            | 0.0234    | 0.013     | 0.0026    | 1.04                  | 0.26                 | 720            | 01 <sup>00</sup>   |
| 5     | 0.693      | 0.530     | 0.442     | 0.358     | 0.270     | 0.200       | 0.139             | 0.0846    | 0.027     | —         | 2.0                   | 0.77                 | 780            | 01 <sup>00</sup>   |
| 6     | 0.182      | 0.145     | 0.104     | 0.0871    | 0.0705    | 0.068       | 0.0476            | 0.0394    | 0.0249    | 0.0103    | 0.44                  | 0.207                | 740            | 01 <sup>00</sup>   |
| 7     | 0.259      | 0.156     | 0.109     | 0.0824    | 0.0631    | 0.0445      | 0.0249            | 0.006     | —         | —         | 0.9                   | 0.3                  | 790            | 01 <sup>00</sup>   |
| 8     | 0.308      | 0.162     | 0.107     | 0.0726    | 0.047     | 0.0299      | 0.0171            | 0.00854   | —         | —         | 0.64                  | 0.427                | 780            | 01 <sup>00</sup>   |
| 9     | 0.196      | 0.144     | 0.122     | 0.104     | 0.086     | 0.067       | 0.047             | 0.025     | —         | —         | 0.80                  | 0.20                 | 780            | 01 <sup>00</sup>   |
| 10    | 0.119      | 0.0892    | 0.0681    | 0.0538    | 0.0432    | 0.0326      | 0.0236            | 0.0131    | 0.00262   | —         | 0.82                  | 0.131                | 780            | 01 <sup>00</sup>   |
| 11    | 0.163      | 0.119     | 0.0846    | 0.0755    | 0.0582    | 0.043       | 0.0262            | 0.00914   | —         | —         | 0.26                  | 0.217                | 770            | 01 <sup>00</sup>   |
| 12    | 0.185      | 0.0784    | 0.0548    | 0.0406    | 0.0308    | 0.0224      | 0.0154            | 0.0098    | 0.0042    | —         | 0.42                  | 0.14                 | 780            | 01 <sup>00</sup>   |
| 13    |            |           |           |           |           | Измерения   |                   |           |           |           |                       |                      |                |                    |
| 14    |            |           |           |           |           | не          |                   |           |           |           |                       |                      |                |                    |
| 15    |            |           |           |           |           | проводилась |                   |           |           |           |                       |                      |                |                    |
| 16    | 0.226      | 0.187     | 0.152     | 0.116     | 0.0874    | 0.0604      | 0.0334            | 0.00386   | —         | —         | 0.9                   | 0.257                | 750            | 01 <sup>00</sup>   |
| 17    | 0.264      | 0.176     | 0.135     | 0.106     | 0.085     | 0.0674      | 0.0499            | 0.0352    | 0.0176    | —         | 0.88                  | 0.293                | 780            | 01 <sup>00</sup>   |
| 18    | 0.0566     | 0.030     | 0.0133    | 0.0056    | 0.00111   | —           | —                 | —         | —         | —         | 0.48                  | 0.111                | 780            | 01 <sup>00</sup>   |
| 19    | 1.540      | 0.677     | 0.352     | 0.224     | 0.119     | —           | —                 | —         | —         | —         | 16.4                  | 2.05                 | 710            | 01 <sup>00</sup>   |
| 20    | 0.306      | 0.220     | 0.165     | 0.123     | 0.090     | 0.0612      | 0.036             | 0.0108    | —         | —         | 1.44                  | 0.36                 | 780            | 01 <sup>00</sup>   |
| 21    | 0.264      | 0.210     | 0.171     | 0.138     | 0.096     | 0.063       | 0.0375            | 0.0154    | —         | —         | 1.2                   | 0.3                  | 750            | 01 <sup>00</sup>   |
| 22    | 0.0252     | 0.0203    | 0.0165    | 0.0133    | 0.0101    | 0.00695     | 0.00319           | —         | —         | —         | 0.26                  | 0.039                | 780            | 01 <sup>00</sup>   |
| 23    | 0.160      | 0.116     | 0.0888    | 0.066     | 0.0492    | 0.0376      | 0.0268            | 0.0156    | 0.0042    | —         | 0.40                  | 0.20                 | 750            | 01 <sup>00</sup>   |
| 24    | 0.780      | 0.346     | 0.078     | 0.00433   | —         | —           | —                 | —         | —         | —         | 5.2                   | 0.867                | 770            | 01 <sup>00</sup>   |
| 25    | 0.0602     | 0.0468    | 0.038     | 0.030     | 0.0227    | 0.0167      | 0.0114            | 0.00635   | —         | —         | 0.20                  | 0.067                | 750            | 01 <sup>00</sup>   |
| 26    | 0.022      | 0.0116    | 0.00595   | 0.00264   | 0.00132   | 0.00033     | —                 | —         | —         | —         | 0.22                  | 0.033                | 780            | 01 <sup>00</sup>   |
| 27    | 0.111      | 0.081     | 0.0629    | 0.0485    | 0.036     | 0.0276      | 0.0209            | 0.0137    | 0.00707   | —         | 0.24                  | 0.131                | 790            | 01 <sup>00</sup>   |
| 28    | 1.457      | 0.816     | 0.233     | 0.0728    | —         | —           | —                 | —         | —         | —         | 10.2                  | 1.46                 | 780            | 01 <sup>00</sup>   |
| 29    | 0.197      | 0.153     | 0.134     | 0.115     | 0.0965    | 0.076       | 0.0564            | 0.0347    | 0.013     | —         | 1.3                   | 0.217                | 760            | 01 <sup>00</sup>   |
| 30    | 0.136      | 0.107     | 0.076     | 0.0481    | 0.0248    | 0.0093      | —                 | —         | —         | —         | 1.16                  | 0.155                | 780            | 01 <sup>00</sup>   |
| 31    | 0.145      | 0.116     | 0.0954    | 0.078     | 0.0633    | 0.0516      | 0.0426            | 0.032     | 0.0202    | 0.00614   | 0.34                  | 0.17                 | 780            | 01 <sup>00</sup>   |
| M     | 0.196      | 0.145     | 0.102     | 0.0755    | 0.0582    | 0.0416      | 0.0318            | 0.0156    | 0.013     | 0.0077    | 0.82                  | 0.217                |                |                    |
| макс. | 1.54       | 0.816     | 0.442     | 0.358     | 0.27      | 0.20        | 0.139             | 0.0846    | 0.027     | 0.0103    | 16.4                  | 2.05                 |                |                    |
| мин.  | 0.022      | 0.0116    | 0.00595   | 0.00264   | 0.00111   | 0.00033     | 0.00319           | 0.00386   | 0.00262   | 0.0026    | 0.2                   | 0.033                |                |                    |
| всего | 21         | 27        | 27        | 27        | 25        | 23          | 19                | 19        | 11        | 4         | 27                    | 27                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

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Станция Алма-Ата

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub>        | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пмч</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |  |  |
|--------|-------------------|------------------|------------------|------------------|------------------|-------------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|--|--|
| 1      | 0.238             | 0.192            | 0.166            | 0.151            | 0.130            | 0.120                   | 0.102            | 0.082            | 0.0564           | 0.0153           | 0.598            | 0.256           | 740            | 04 <sup>00</sup>   |  |  |
| 2      |                   |                  |                  |                  |                  | Измерен. не проводились |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 3      | 0.163             | 0.109            | 0.0741           | 0.0469           | 0.0287           | 0.0163                  | 0.00191          | —                | —                | —                | 1.34             | 0.191           | 750            | 04 <sup>00</sup>   |  |  |
| 4      | 0.160             | 0.085            | 0.065            | 0.0425           | 0.0275           | 0.015                   | 0.005            | —                | —                | —                | 1.0              | 0.25            | 750            | 04 <sup>00</sup>   |  |  |
| 5      | 0.635             | 0.524            | 0.420            | 0.310            | 0.184            | 0.118                   | 0.0664           | 0.0221           | —                | —                | 2.4              | 0.738           | 750            | 04 <sup>00</sup>   |  |  |
| 6      | 0.0213            | 0.0165           | 0.013            | 0.00959          | 0.00691          | 0.00532                 | 0.00372          | 0.00213          | 0.000532         | —                | 0.12             | 0.0266          | 780            | 04 <sup>00</sup>   |  |  |
| 7      | 0.332             | 0.242            | 0.193            | 0.154            | 0.123            | 0.092                   | 0.0615           | 0.0389           | 0.0197           | —                | 0.82             | 0.41            | 780            | 04 <sup>00</sup>   |  |  |
| 8      | 0.298             | 0.195            | 0.130            | 0.0926           | 0.0673           | 0.0462                  | 0.0294           | 0.0168           | 0.0042           | —                | 1.26             | 0.42            | 780            | 04 <sup>00</sup>   |  |  |
| 9      | 0.372             | 0.297            | 0.222            | 0.172            | 0.147            | 0.113                   | 0.0796           | 0.0419           | 0.00628          | —                | 1.4              | 0.419           | 770            | 04 <sup>00</sup>   |  |  |
| 10     | 0.0661            | 0.0476           | 0.0313           | 0.0209           | 0.0128           | 0.00581                 | —                | —                | —                | —                | 0.64             | 0.116           | 780            | 04 <sup>00</sup>   |  |  |
| 11     | 0.075             | 0.0467           | 0.0339           | 0.0252           | 0.0179           | 0.00986                 | 0.00117          | —                | —                | —                | 0.18             | 0.09            | 750            | 04 <sup>00</sup>   |  |  |
| 12     | 0.0867            | 0.0578           | 0.0354           | 0.0214           | 0.0112           | 0.0056                  | 0.00186          | —                | —                | —                | 0.28             | 0.0933          | 750            | 04 <sup>00</sup>   |  |  |
| 13     |                   |                  |                  |                  |                  | Измерения               |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 14     |                   |                  |                  |                  |                  | не                      |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 15     |                   |                  |                  |                  |                  | проводились             |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 16     | 0.234             | 0.172            | 0.128            | 0.0849           | 0.0565           | 0.0321                  | 0.0771           | —                | —                | —                | 0.9              | 0.257           | 750            | 04 <sup>00</sup>   |  |  |
| 17     | 0.480             | 0.201            | 0.134            | 0.096            | 0.0672           | 0.0432                  | 0.0192           | —                | —                | —                | 1.44             | 0.48            | 750            | 04 <sup>00</sup>   |  |  |
| 18     | 0.158             | 0.110            | 0.064            | 0.0222           | 0.004            | —                       | —                | —                | —                | —                | 1.1              | 0.20            | 780            | 04 <sup>00</sup>   |  |  |
| 19     | 0.684             | 0.378            | 0.277            | 0.206            | 0.132            | 0.054                   | —                | —                | —                | —                | 9.0              | 0.9             | 790            | 04 <sup>00</sup>   |  |  |
| 20     | 0.376             | 0.198            | 0.106            | 0.057            | 0.0266           | 0.0038                  | —                | —                | —                | —                | 1.52             | 0.38            | 780            | 04 <sup>00</sup>   |  |  |
| 21     | 0.658             | 0.550            | 0.482            | 0.413            | 0.336            | 0.252                   | 0.191            | 0.130            | 0.0765           | 0.0153           | 1.2              | 0.765           | 750            | 04 <sup>00</sup>   |  |  |
| 22     | 0.0347            | 0.0266           | 0.0204           | 0.0149           | 0.011            | 0.00784                 | 0.0047           | 0.00157          | —                | —                | 0.30             | 0.0392          | 780            | 04 <sup>00</sup>   |  |  |
| 23     | 0.288             | 0.236            | 0.188            | 0.154            | 0.128            | 0.102                   | 0.0762           | 0.0584           | 0.0388           | 0.008            | 0.64             | 0.32            | 770            | 04 <sup>00</sup>   |  |  |
| 24     | 0.522             | 0.234            | 0.117            | 0.0715           | 0.048            | 0.0266                  | 0.0133           | —                | —                | —                | 3.20             | 0.533           | 770            | 04 <sup>00</sup>   |  |  |
| 25     | 0.196             | 0.158            | 0.130            | 0.106            | 0.0832           | 0.0607                  | 0.0372           | 0.0112           | —                | —                | 0.9              | 0.225           | 750            | 04 <sup>00</sup>   |  |  |
| 26     | 0.0347            | 0.0204           | 0.0137           | 0.00916          | 0.0051           | 0.0026                  | 0.00102          | —                | —                | —                | 0.28             | 0.051           | 780            | 04 <sup>00</sup>   |  |  |
| 27     | 0.0946            | 0.0694           | 0.0479           | 0.031            | 0.022            | 0.0155                  | 0.0104           | 0.0055           | 0.00077          | —                | 0.22             | 0.11            | 780            | 04 <sup>00</sup>   |  |  |
| 28     |                   |                  |                  |                  |                  | Измерения не провод.    |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 29     | 0.190             | 0.156            | 0.128            | 0.107            | 0.0835           | 0.060                   | 0.0364           | 0.0128           | —                | —                | 1.0              | 0.214           | 750            | 04 <sup>00</sup>   |  |  |
| 30     | 0.129             | 0.0956           | 0.0644           | 0.035            | 0.0166           | 0.0055                  | —                | —                | —                | —                | 1.1              | 0.184           | 780            | 04 <sup>00</sup>   |  |  |
| 31     | 0.151             | 0.0916           | 0.0715           | 0.0629           | 0.0361           | 0.0258                  | 0.0177           | 0.0111           | 0.00416          | —                | 0.32             | 0.188           | 780            | 04 <sup>00</sup>   |  |  |
| M      | 0.193             | 0.157            | 0.129            | 0.0687           | 0.042            | 0.0266                  | 0.0177           | 0.0168           | 0.00628          | 0.0153           | 0.95             | 0.238           |                |                    |  |  |
| макс.  | 0.684             | 0.55             | 0.482            | 0.413            | 0.336            | 0.252                   | 0.191            | 0.082            | 0.0765           | 0.0153           | 9.0              | 0.90            |                |                    |  |  |
| мин.   | 0.0213            | 0.0165           | 0.013            | 0.00916          | 0.004            | 0.0026                  | 0.00102          | 0.00157          | 0.000532         | 0.008            | 0.12             | 0.0266          |                |                    |  |  |
| учтено | 26                | 26               | 26               | 26               | 26               | 25                      | 21               | 13               | 9                | 3                | 26               | 26              |                |                    |  |  |

Составил  
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секретное время 07 долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$   | $V_{0,6}$ | $V_{0,7}$   | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пнк}}$ | $\Sigma_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-------------|-----------|-------------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      | 0.136      | 0.106     | 0.0889    | 0.0765    | 0.0659    | 0.0535      | 0.0429    | 0.029       | 0.0122    | —         | 0.43                  | 0.153                | 740            | 07 <sup>12</sup>   |
| 2      |            |           |           |           |           | Измерен не  |           | проводилось |           |           |                       |                      |                |                    |
| 3      | 0.175      | 0.142     | 0.109     | 0.0752    | 0.0214    | —           | —         | —           | —         | —         | 0.26                  | 0.195                | 720            | 07 <sup>12</sup>   |
| 4      | 0.175      | 0.0876    | 0.0646    | 0.0495    | 0.0361    | 0.0247      | 0.0152    | 0.0076      | —         | —         | 0.56                  | 0.19                 | 750            | 07 <sup>02</sup>   |
| 5      | 0.345      | 0.275     | 0.236     | 0.199     | 0.163     | 0.124       | 0.081     | 0.0338      | —         | —         | 1.5                   | 0.375                | 760            | 07 <sup>10</sup>   |
| 6      | 0.0208     | 0.0168    | 0.0133    | 0.00985   | 0.00655   | 0.00469     | 0.00304   | 0.00187     | 0.000469  | —         | 0.14                  | 0.0234               | 750            | 07 <sup>05</sup>   |
| 7      | 0.155      | 0.113     | 0.065     | 0.0346    | 0.00694   | —           | —         | —           | —         | —         | 1.04                  | 0.173                | 750            | 07 <sup>05</sup>   |
| 8      | 0.128      | 0.0854    | 0.0563    | 0.033     | 0.0155    | —           | —         | —           | —         | —         | 0.68                  | 0.194                | 760            | 07 <sup>10</sup>   |
| 9      | 0.143      | 0.109     | 0.0864    | 0.072     | 0.0592    | 0.0464      | 0.0356    | 0.0192      | 0.0048    | —         | 0.80                  | 0.16                 | 770            | 07 <sup>05</sup>   |
| 10     | 0.0143     | 0.00961   | 0.00575   | 0.00277   | —         | —           | —         | —           | —         | —         | 0.16                  | 0.0213               | 780            | 07 <sup>05</sup>   |
| 11     | 0.0982     | 0.0553    | 0.0294    | 0.0048    | —         | —           | —         | —           | —         | —         | 0.56                  | 0.12                 | 750            | 07 <sup>05</sup>   |
| 12     | 0.0971     | 0.0544    | 0.0352    | 0.0215    | 0.0171    | 0.0117      | 0.00747   | 0.00427     | —         | —         | 0.32                  | 0.107                | 760            | 07 <sup>10</sup>   |
| 13     |            |           |           |           |           | Измерения   |           |             |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           | не          |           |             |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           | проводились |           |             |           |           |                       |                      |                |                    |
| 16     | 0.231      | 0.167     | 0.121     | 0.0796    | 0.0514    | 0.0296      | 0.00771   | —           | —         | —         | 0.9                   | 0.257                | 750            | 07 <sup>10</sup>   |
| 17     | 0.078      | 0.0504    | 0.0396    | 0.0312    | 0.024     | 0.0168      | 0.0096    | 0.0018      | —         | —         | 0.24                  | 0.12                 | 750            | 07 <sup>05</sup>   |
| 18     | 0.100      | 0.0561    | 0.0312    | 0.0125    | —         | —           | —         | —           | —         | —         | 0.94                  | 0.208                | 750            | 07 <sup>05</sup>   |
| 19     | 0.104      | 0.0535    | 0.0291    | 0.0152    | 0.00581   | —           | —         | —           | —         | —         | 0.14                  | 0.116                | 750            | 07 <sup>15</sup>   |
| 20     | 0.204      | 0.0937    | 0.060     | 0.0384    | 0.0216    | 0.0048      | —         | —           | —         | —         | 0.48                  | 0.24                 | 750            | 07 <sup>00</sup>   |
| 21     | 0.160      | 0.117     | 0.101     | 0.0864    | 0.0704    | 0.0533      | 0.040     | 0.0272      | 0.0128    | —         | 0.60                  | 0.16                 | 750            | 07 <sup>12</sup>   |
| 22     | 0.096      | 0.072     | 0.0565    | 0.0444    | 0.0312    | 0.0168      | —         | —           | —         | —         | 0.54                  | 0.12                 | 750            | 07 <sup>15</sup>   |
| 23     | 0.116      | 0.080     | 0.0497    | 0.0343    | 0.0232    | 0.0122      | 0.00122   | —           | —         | —         | 1.16                  | 0.122                | 750            | 07 <sup>12</sup>   |
| 24     | 0.153      | 0.0971    | 0.0684    | 0.0504    | 0.0378    | 0.0288      | 0.0198    | 0.0126      | 0.0054    | —         | 0.54                  | 0.18                 | 750            | 07 <sup>00</sup>   |
| 25     | 0.215      | 0.175     | 0.142     | 0.112     | 0.090     | 0.0662      | 0.0425    | 0.0225      | 0.005     | —         | 0.50                  | 0.25                 | 750            | 07 <sup>12</sup>   |
| 26     | 0.0601     | 0.0479    | 0.0275    | 0.0143    | 0.00409   | —           | —         | —           | —         | —         | 0.46                  | 0.102                | 730            | 07 <sup>15</sup>   |
| 27     | 0.195      | 0.0896    | 0.0533    | 0.0282    | 0.0115    | —           | —         | —           | —         | —         | 0.94                  | 0.256                | 750            | 07 <sup>05</sup>   |
| 28     | 0.072      | 0.048     | 0.036     | 0.028     | 0.0208    | 0.0152      | 0.0096    | 0.0032      | —         | —         | 0.16                  | 0.08                 | 750            | 07 <sup>10</sup>   |
| 29     | 0.175      | 0.138     | 0.117     | 0.0975    | 0.080     | 0.0605      | 0.043     | 0.0232      | 0.0146    | —         | 0.90                  | 0.195                | 750            | 07 <sup>00</sup>   |
| 30     | 0.106      | 0.0782    | 0.0554    | 0.031     | 0.0081    | —           | —         | —           | —         | —         | 0.36                  | 0.135                | 740            | 07 <sup>05</sup>   |
| 31     | 0.240      | 0.153     | 0.113     | 0.0868    | 0.0653    | 0.0495      | 0.035     | 0.0215      | 0.007     | —         | 0.56                  | 0.28                 | 750            | 07 <sup>12</sup>   |
| M      | 0.136      | 0.0876    | 0.0565    | 0.0346    | 0.0236    | 0.0288      | 0.0198    | 0.0192      | 0.0062    | —         | 0.56                  | 0.16                 |                |                    |
| макс.  | 0.345      | 0.275     | 0.236     | 0.199     | 0.163     | 0.124       | 0.081     | 0.0338      | 0.0146    |           | 1.5                   | 0.375                |                |                    |
| мин.   | 0.0143     | 0.00961   | 0.00575   | 0.00277   | 0.00409   | 0.00469     | 0.00122   | 0.0018      | 0.000469  |           | 0.14                  | 0.0213               |                |                    |
| учтено | 27         | 27        | 27        | 27        | 24        | 17          | 15        | 13          | 8         |           | 27                    | 27                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Свободная таблица P(V)

Характеристика Vp мкв/м

f<sub>0</sub> = 750 кгц

секретное время 10

Станция Алма-Ата  
долгота 76°55'E широта 43°15'N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub>    | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Ф <sub>пмн</sub> | Ф <sub>оп</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                   |                  |                  |                  |                  |                  | Измерен. не пробог. |                  |                  |                  |                  |                 |                |                    |
| 2      | 0.119             | 0.090            | 0.081            | 0.0528           | 0.0459           | 0.0407           | 0.0366              | 0.0339           | 0.0283           | 0.0221           | 0.34             | 0.17            | 750            | 10 <sup>02</sup>   |
| 3      | 0.270             | 0.150            | 0.123            | 0.109            | 0.087            | 0.069            | 0.057               | 0.039            | 0.027            | 0.0045           | 1.2              | 0.30            | 750            | 10 <sup>02</sup>   |
| 4      | 0.210             | 0.155            | 0.112            | 0.0875           | 0.0675           | 0.045            | 0.0238              | —                | —                | —                | 1.0              | 0.25            | 750            | 10 <sup>02</sup>   |
| 5      | 0.0203            | 0.0163           | 0.0133           | 0.0105           | 0.00776          | 0.00466          | 0.00256             | 0.0007           | —                | —                | 0.14             | 0.0233          | 750            | 10 <sup>05</sup>   |
| 6      | 0.0786            | 0.0236           | 0.00134          | —                | —                | —                | —                   | —                | —                | —                | 0.56             | 0.112           | 750            | 10 <sup>02</sup>   |
| 7      | 0.224             | 0.155            | 0.115            | 0.0892           | 0.0692           | 0.0517           | 0.0374              | 0.0258           | 0.0143           | 0.00431          | 0.86             | 0.287           | 750            | 10 <sup>02</sup>   |
| 8      |                   |                  |                  |                  |                  |                  | нет эр/эн.          |                  |                  |                  |                  |                 |                |                    |
| 9      | 0.0857            | 0.0495           | 0.041            | 0.0273           | 0.0165           | 0.00248          | —                   | —                | —                | —                | 0.56             | 0.124           | 750            | 10 <sup>02</sup>   |
| 10     | 0.070             | 0.0221           | —                | —                | —                | —                | —                   | —                | —                | —                | 0.70             | 0.10            | 750            | 10 <sup>02</sup>   |
| 11     | 0.147             | 0.0689           | 0.040            | 0.0272           | 0.0208           | 0.016            | 0.0112              | 0.0064           | —                | —                | 0.36             | 0.16            | 750            | 10 <sup>05</sup>   |
| 12     |                   |                  |                  |                  |                  |                  | Измерен.            |                  |                  |                  |                  |                 |                |                    |
| 13     |                   |                  |                  |                  |                  |                  | не                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  |                  | пробог.             |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.0341            | 0.044            | 0.0352           | 0.0236           | 0.022            | 0.0157           | 0.00822             | 0.00126          | —                | —                | 0.22             | 0.063           | 750            | 10 <sup>02</sup>   |
| 16     | 0.882             | 0.720            | 0.594            | 0.495            | 0.396            | 0.306            | 0.216               | 0.126            | 0.018            | —                | 1.8              | 0.90            | 750            | 10 <sup>02</sup>   |
| 17     | 0.0511            | 0.0406           | 0.0346           | 0.0301           | 0.0248           | 0.0196           | 0.0132              | 0.00851          | 0.00131          | —                | 0.48             | 0.0655          | 750            | 10 <sup>02</sup>   |
| 18     | 0.100             | 0.062            | 0.0382           | 0.020            | 0.002            | —                | —                   | —                | —                | —                | 4.4              | 0.20            | 750            | 10 <sup>05</sup>   |
| 19     | 0.583             | 0.366            | 0.258            | 0.191            | 0.141            | 0.100            | 0.050               | 0.00833          | —                | —                | 1.28             | 0.833           | 750            | 10 <sup>02</sup>   |
| 20     | 0.146             | 0.115            | 0.0912           | 0.067            | 0.0516           | 0.0378           | 0.025               | 0.0112           | —                | —                | 0.40             | 0.172           | 750            | 10 <sup>02</sup>   |
| 21     | 0.0934            | 0.0744           | 0.0594           | 0.0425           | 0.0344           | 0.0127           | 0.00212             | —                | —                | —                | 0.74             | 0.106           | 750            | 10 <sup>05</sup>   |
| 22     | 0.0466            | 0.0221           | 0.0151           | 0.0101           | 0.0058           | 0.00132          | —                   | —                | —                | —                | 0.45             | 0.063           | 750            | 10 <sup>02</sup>   |
| 23     | 0.100             | 0.081            | 0.066            | 0.055            | 0.045            | 0.035            | 0.026               | 0.016            | 0.008            | —                | 0.30             | 0.10            | 750            | 10 <sup>02</sup>   |
| 24     | 0.108             | 0.0816           | 0.0636           | 0.0498           | 0.036            | 0.0228           | 0.0156              | 0.009            | 0.009            | —                | 0.60             | 0.12            | 750            | 10 <sup>02</sup>   |
| 25     | 0.0831            | 0.062            | 0.0471           | 0.036            | 0.0236           | 0.00869          | —                   | —                | —                | —                | 0.56             | 0.121           | 750            | 10 <sup>02</sup>   |
| 26     | 0.141             | 0.109            | 0.0776           | 0.0626           | 0.0506           | 0.039            | 0.0286              | 0.0185           | 0.00791          | —                | 0.60             | 0.158           | 710            | 10 <sup>05</sup>   |
| 27     | 0.212             | 0.0675           | 0.0375           | 0.025            | 0.0175           | 0.010            | 0.005               | 0.00125          | —                | —                | 0.50             | 0.25            | 750            | 10 <sup>02</sup>   |
| 28     | 0.352             | 0.203            | 0.163            | 0.132            | 0.100            | 0.0772           | 0.0573              | 0.0343           | 0.0114           | —                | 1.0              | 0.286           | 750            | 10 <sup>02</sup>   |
| 29     | 0.0951            | 0.0666           | 0.0525           | 0.0397           | 0.0284           | 0.0156           | 0.00426             | —                | —                | —                | 0.78             | 0.142           | 750            | 10 <sup>05</sup>   |
| 30     | 0.0824            | 0.0594           | 0.0384           | 0.0323           | 0.0275           | 0.0226           | 0.0177              | 0.012            | 0.0064           | —                | 0.40             | 0.0913          | 750            | 10 <sup>02</sup>   |
| 31     |                   |                  |                  |                  |                  |                  | Измерен. не пробог. |                  |                  |                  |                  |                 |                |                    |
| M      | 0.100             | 0.0689           | 0.056            | 0.0425           | 0.0344           | 0.0227           | 0.025               | 0.0114           | 0.0154           | 0.0045           | 0.56             | 0.142           |                |                    |
| макс.  | 0.882             | 0.720            | 0.594            | 0.495            | 0.396            | 0.306            | 0.216               | 0.126            | 0.03             | 0.0221           | 4.4              | 0.90            |                |                    |
| мин.   | 0.0203            | 0.0163           | 0.00134          | 0.0101           | 0.002            | 0.00132          | 0.00212             | 0.0007           | 0.00131          | 0.00431          | 0.14             | 0.0233          |                |                    |
| учтено | 25                | 25               | 24               | 23               | 23               | 22               | 19                  | 16               | 10               | 3                | 25               | 25              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 750 кГц

секретное время 13

долгота 76°55'E

широта 43°15'N

Станция Л.Р.М. - Ата

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub>         | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | f <sub>мин</sub> | f <sub>ап</sub> | частота<br>кГц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|--------------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                   |                  |                  |                  |                  | Измерения не проводились |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 0.230             | 0.136            | 0.097            | 0.0767           | 0.059            | 0.0517                   | 0.0336           | 0.0236           | 0.0147           | 0.0059           | 1.4              | 0.59            | 750            | 13 <sup>00</sup>   |
| 3      | 0.279             | 0.172            | 0.112            | 0.0774           | 0.0516           | 0.0301                   | 0.0172           | 0.0043           | —                | —                | 1.72             | 0.43            | 750            | 13 <sup>05</sup>   |
| 4      | 0.308             | 0.230            | 0.152            | 0.104            | 0.0708           | 0.0354                   | 0.0142           | —                | —                | —                | 1.1              | 0.354           | 750            | 13 <sup>00</sup>   |
| 5      | 0.0216            | 0.0162           | 0.0126           | 0.0096           | 0.007            | 0.00505                  | 0.00308          | 0.00084          | —                | —                | 0.14             | 0.028           | 750            | 13 <sup>05</sup>   |
| 6      |                   |                  |                  |                  |                  | Измерения не проводились |                  |                  |                  |                  |                  |                 |                |                    |
| 7      | 0.216             | 0.116            | 0.068            | 0.036            | 0.012            | —                        | —                | —                | —                | —                | 2.4              | 0.40            | 760            | 13 <sup>15</sup>   |
| 8      |                   |                  |                  |                  |                  | нет за/зап.              |                  |                  |                  |                  |                  |                 |                |                    |
| 9      | 0.0179            | 0.0123           | 0.00802          | 0.00374          | —                | —                        | —                | —                | —                | —                | 0.12             | 0.0267          | 750            | 13 <sup>00</sup>   |
| 10     |                   |                  |                  |                  |                  | Измерения не провод.     |                  |                  |                  |                  |                  |                 |                |                    |
| 11     | 0.086             | 0.051            | 0.032            | 0.022            | 0.016            | 0.011                    | 0.007            | 0.003            | —                | —                | 0.20             | 0.10            | 750            | 13 <sup>00</sup>   |
| 12     |                   |                  |                  |                  |                  | Измерения                |                  |                  |                  |                  |                  |                 |                |                    |
| 13     |                   |                  |                  |                  |                  | не                       |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  | проводились              |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.336             | 0.268            | 0.220            | 0.184            | 0.148            | 0.112                    | 0.068            | 0.020            | —                | —                | 1.2              | 0.40            | 750            | 13 <sup>00</sup>   |
| 16     | 0.077             | 0.049            | 0.0322           | 0.021            | 0.012            | 0.0042                   | —                | —                | —                | —                | 0.28             | 0.14            | 750            | 13 <sup>00</sup>   |
| 17     | 0.014             | 0.010            | 0.0058           | 0.0036           | 0.0016           | —                        | —                | —                | —                | —                | 0.12             | 0.02            | 750            | 13 <sup>05</sup>   |
| 18     | 0.113             | 0.0453           | 0.0164           | —                | —                | —                        | —                | —                | —                | —                | 1.04             | 0.156           | 750            | 13 <sup>05</sup>   |
| 19     | 0.168             | 0.122            | 0.0874           | 0.0655           | 0.0487           | 0.0353                   | 0.0255           | 0.0134           | 0.00504          | —                | 0.84             | 0.168           | 750            | 13 <sup>00</sup>   |
| 20     |                   |                  |                  |                  |                  | Сроща                    |                  |                  |                  |                  |                  |                 |                |                    |
| 21     | 0.085             | 0.0649           | 0.0506           | 0.0382           | 0.0307           | 0.0248                   | 0.020            | 0.0153           | 0.0096           | 0.00382          | 0.18             | 0.0965          | 750            | 13 <sup>00</sup>   |
| 22     | 0.248             | 0.177            | 0.134            | 0.104            | 0.0826           | 0.0634                   | 0.0404           | 0.0106           | —                | —                | 1.8              | 0.288           | 750            | 13 <sup>00</sup>   |
| 23     | 0.100             | 0.070            | 0.040            | 0.022            | 0.010            | 0.004                    | 0.001            | —                | —                | —                | 0.60             | 0.100           | 750            | 13 <sup>00</sup>   |
| 24     | 0.267             | 0.204            | 0.165            | 0.135            | 0.105            | 0.076                    | 0.045            | 0.009            | —                | —                | 1.2              | 0.30            | 750            | 13 <sup>00</sup>   |
| 25     | 0.121             | 0.0895           | 0.0681           | 0.0398           | 0.0199           | —                        | —                | —                | —                | —                | 0.64             | 0.142           | 750            | 13 <sup>00</sup>   |
| 26     | 0.121             | 0.0863           | 0.0702           | 0.060            | 0.0506           | 0.0418                   | 0.0318           | 0.0211           | 0.00739          | —                | 0.56             | 0.132           | 720            | 13 <sup>05</sup>   |
| 27     | 0.156             | 0.090            | 0.0657           | 0.0484           | 0.0363           | 0.026                    | 0.0173           | 0.00865          | 0.00173          | —                | 0.52             | 0.173           | 750            | 13 <sup>00</sup>   |
| 28     | 0.279             | 0.228            | 0.195            | 0.159            | 0.123            | 0.084                    | 0.042            | 0.009            | —                | —                | 0.90             | 0.30            | 750            | 13 <sup>00</sup>   |
| 29     | 0.0931            | 0.0702           | 0.0419           | 0.0243           | 0.0135           | 0.0027                   | —                | —                | —                | —                | 0.88             | 0.185           | 750            | 13 <sup>05</sup>   |
| 30     | 0.153             | 0.106            | 0.0806           | 0.0614           | 0.0505           | 0.0415                   | 0.032            | 0.0198           | 0.00722          | —                | 0.54             | 0.18            | 750            | 13 <sup>00</sup>   |
| 31     | 0.0609            | 0.0461           | 0.0346           | 0.0241           | 0.0147           | 0.0042                   | —                | —                | —                | —                | 0.42             | 0.105           | 750            | 13 <sup>00</sup>   |
| М      | 0.121             | 0.0863           | 0.068            | 0.0441           | 0.0363           | 0.0327                   | 0.0235           | 0.0106           | 0.00736          | 0.00482          | 0.64             | 0.168           |                |                    |
| макс.  | 0.336             | 0.268            | 0.220            | 0.184            | 0.148            | 0.112                    | 0.068            | 0.0236           | 0.0147           | 0.0059           | 2.4              | 0.59            |                |                    |
| мин.   | 0.014             | 0.010            | 0.0058           | 0.0036           | 0.0016           | 0.0027                   | 0.001            | 0.00084          | 0.00173          | 0.00382          | 0.12             | 0.02            |                |                    |
| учтено | 23                | 23               | 23               | 22               | 21               | 18                       | 15               | 13               | 6                | 2                | 23               | 23              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкв/м

f<sub>0</sub> = 750 кгц

Станция Алма-Ата  
секретное время 16 долгота 76° 55' E широта 43° 15' N

| Дни    | V <sub>0,02</sub>        | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пмн</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      | Измерения не проводились |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 197                      | 972              | 546              | 232              | 278              | -                | -                | -                | -                | -                | 174              | 0,232           | 750            | 16 <sup>00</sup>   |
| 3      | 276                      | 199              | 154              | 119              | 960              | 719              | 526              | 384              | 230              | 384              | 1152             | 0,384           | 750            | 16 <sup>00</sup>   |
| 4      | 187                      | 147              | 121              | 101              | 814              | 616              | 396              | 154              | -                | -                | 044              | 0,22            | 750            | 16 <sup>00</sup>   |
| 5      | 137                      | 106              | 794              | 599              | 422              | 281              | 141              | 476              | -                | -                | 076              | 0,176           | 750            | 16 <sup>05</sup>   |
| 6      | 534                      | 307              | 180              | 945              | 173              | -                | -                | -                | -                | -                | 0,2              | 0,668           | 750            | 16 <sup>00</sup>   |
| 7      | 185                      | 104              | 771              | 617              | 485              | 33,0             | 22,0             | 11,0             | -                | -                | 0440             | 0,220           | 750            | 16 <sup>00</sup>   |
| 8      | нет эр/эп                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 9      | 112                      | 791              | 50               | 270              | 208              | -                | -                | -                | -                | -                | 096              | 0,208           | 740            | 16 <sup>05</sup>   |
| 10     | Елем 4 Еси мр-ра         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 11     | 190                      | 130              | 94,0             | 70,0             | 54,0             | 40,0             | 28,0             | 18,0             | 10,0             | 10,0             | 0800             | 0,200           | 750            | 16 <sup>00</sup>   |
| 12     | Измерения                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     | не р                     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     | проведились              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | мал уровень помех        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 16     | 134                      | 886              | 816              | 644              | 515              | 386              | 286              | 186              | 100              | 145              | 0,200            | 0,143           | 750            | 16 <sup>00</sup>   |
| 17     | 133                      | 856              | 450              | 113              | -                | -                | -                | -                | -                | -                | 124              | 0,225           | 750            | 16 <sup>00</sup>   |
| 18     | 105                      | 355              | 526              | -                | -                | -                | -                | -                | -                | -                | 0,921            | 0,131           | 750            | 16 <sup>05</sup>   |
| 19     | 196                      | 900              | 571              | 354              | 19,0             | 816              | -                | -                | -                | -                | 136              | 0,272           | 750            | 16 <sup>00</sup>   |
| 20     | 133                      | 118              | 97,5             | 82,3             | 67,2             | 53,8             | 38,6             | 25,2             | 8,4              | -                | 0,56             | 0,168           | 750            | 16 <sup>00</sup>   |
| 21     | 175                      | 142              | 107              | 75,6             | 50,5             | 25,2             | -                | -                | -                | -                | 0,54             | 0,194           | 750            | 16 <sup>05</sup>   |
| 22     | 1040                     | 735              | 402              | 264              | 149              | 43,7             | -                | -                | -                | -                | 4,6              | 1,15            | 750            | 16 <sup>00</sup>   |
| 23     | 322                      | 178              | 119              | 80,5             | 49,0             | 24,5             | -                | -                | -                | -                | 2,1              | 0,35            | 750            | 16 <sup>00</sup>   |
| 24     | 137                      | 114              | 98,6             | 84,4             | 71,5             | 57,1             | 44,3             | 28,6             | 12,9             | -                | 0,50             | 0,143           | 750            | 16 <sup>10</sup>   |
| 25     | 856                      | 660              | 49,2             | 31,5             | 19,7             | 10,8             | 2,96             | -                | -                | -                | 0,64             | 0,0985          | 750            | 16 <sup>00</sup>   |
| 26     | 192                      | 134              | 81,6             | 64,3             | 50,2             | 35,8             | 19,9             | 4,80             | -                | -                | 0,9              | 0,24            | 750            | 16 <sup>00</sup>   |
| 27     | 272                      | 144              | 84,4             | 57,1             | 40,8             | 27,2             | 16,3             | 5,44             | -                | -                | 1,36             | 0,272           | 750            | 16 <sup>00</sup>   |
| 28     | туман                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 29     | 124                      | 952              | 68,6             | 50,5             | 36,4             | 21,0             | 5,60             | -                | -                | -                | 0,82             | 0,140           | 750            | 16 <sup>05</sup>   |
| 30     | 154                      | 102              | 83,3             | 70,5             | 60,0             | 51,9             | 42,2             | 29,9             | 13,4             | -                | 0,38             | 0,192           | 750            | 16 <sup>05</sup>   |
| 31     | 885                      | 531              | 81,3             | 88,5             | 17,7             | -                | -                | -                | -                | -                | 0,62             | 0,177           | 750            | 16 <sup>00</sup>   |
| М      | 175                      | 104              | 81,6             | 64,3             | 49,0             | 35,8             | 28,0             | 18,0             | 11,4             | -                | 0,200            | 0,200           |                |                    |
| мес.   | 1040                     | 735              | 402              | 264              | 149              | 71,9             | 57,6             | 38,4             | 23,0             | -                | 4,60             | 1,15            |                |                    |
| мин.   | 534                      | 307              | 52,6             | 88,5             | 17,3             | 81,6             | 2,96             | 1,76             | 8,40             | -                | 0,200            | 9,85            |                |                    |
| учтено | 23                       | 23               | 23               | 22               | 21               | 17               | 13               | 11               | 6                | 3                | 23               | 23              |                |                    |

Примеч.

Все значения V<sub>0,02</sub> - V<sub>0,9</sub>  
умножить на 10<sup>-3</sup>

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  750 кгц

Станция Лима-Лима

секретное время 19 долгота 76°55'E широта 43°15'N

| Дни                            | $V_{0.02}$ | $V_{0.1}$ | $V_{0.2}$ | $V_{0.3}$ | $V_{0.4}$ | $V_{0.5}$ | $V_{0.6}$ | $V_{0.7}$ | $V_{0.8}$ | $V_{0.9}$ | $\delta_{\text{пнк}}$ | $\delta_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1                              |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>Измерен. не проводились</i> |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2                              | 176        | 130       | 110       | 96.4      | 84.5      | 70.7      | 57.1      | 43.1      | 27.4      | 12.2      | 0.44                  | 0.195                | 750            | 19 <sup>00</sup>   |
| 3                              | 278        | 192       | 150       | 118       | 96.2      | 77.0      | 60.9      | 44.8      | 22.4      | -         | 0.640                 | 0.320                | 760            | 19 <sup>00</sup>   |
| 4                              | 425        | 288       | 212       | 160       | 114       | 73.0      | 32.0      | -         | -         | -         | 1.6                   | 0.457                | 770            | 19 <sup>00</sup>   |
| 5                              | 136        | 104       | 82.0      | 62.6      | 48.8      | 34.8      | 20.9      | 6.96      | -         | -         | 0.66                  | 0.174                | 760            | 19 <sup>05</sup>   |
| 6                              | 124        | 70.1      | 40.2      | 19.8      | 6.61      | -         | -         | -         | -         | -         | 1.1                   | 0.165                | 770            | 19 <sup>00</sup>   |
| 7                              | 138        | 37.4      | 24.3      | 18.7      | 15.1      | 7.48      | 2.74      | -         | -         | -         | 0.560                 | 0.187                | 760            | 19 <sup>00</sup>   |
| 8                              | 246        | 17.9      | 13.6      | 10.7      | 8.1.0     | 55.0      | 28.5      | 4.33      | -         | -         | 1.3                   | 0.289                | 760            | 19 <sup>00</sup>   |
| 9                              | 157        | 11.6      | 9.0.0     | 7.35      | 5.5.1     | 38.8      | 20.1      | -         | -         | -         | 0.921                 | 0.204                | 740            | 19 <sup>05</sup>   |
| 10                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>мал шуровень помех</i>      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 11                             | 98.0       | 42.0      | 25.2      | 14.0      | 7.0       | 1.4       | -         | -         | -         | -         | 0.280                 | 0.140                | 750            | 19 <sup>00</sup>   |
| 12                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>Измерения</i>               |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>не проводились</i>          |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15                             | 514        | 447       | 398       | 354       | 320       | 282       | 243       | 196       | 143.5     | 66.3      | 1.5                   | 0.562                | 750            | 19 <sup>00</sup>   |
| 16                             | 150        | 93.0      | 73.5      | 63.0      | 52.5      | 43.5      | 34.5      | 25.5      | 16.5      | 6.00      | 0.300                 | 0.150                | 760            | 19 <sup>00</sup>   |
| 17                             | 111        | 42.5      | 23.6      | 4.72      | -         | -         | -         | -         | -         | -         | 1.180                 | 0.236                | 740            | 19 <sup>15</sup>   |
| 18                             | 142.0      | 55.9      | 14.8      | -         | -         | -         | -         | -         | -         | -         | 4.0                   | 2.0                  | 765            | 19 <sup>05</sup>   |
| 19                             | 136        | 10.3      | 8.8.0     | 7.34      | 6.0.1     | 4.84      | 3.67      | 2.50      | 1.3.2     | -         | 0.440                 | 0.147                | 760            | 19 <sup>00</sup>   |
| 20                             | 308        | 23.6      | 19.3      | 15.2      | 11.5      | 8.1.0     | 44.0      | 16.9      | -         | -         | 0.900                 | 0.338                | 750            | 19 <sup>00</sup>   |
| 21                             | 73.3       | 58.2      | 41.6      | 27.5      | 14.2      | -         | -         | -         | -         | -         | 0.52                  | 0.0834               | 750            | 19 <sup>15</sup>   |
| 22                             | 113        | 83.8      | 50.4      | 26.2      | -         | -         | -         | -         | -         | -         | 4.8                   | 0.126                | 750            | 19 <sup>00</sup>   |
| 23                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>Гроза</i>                   |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 24                             | 341        | 270       | 22.1      | 16.5      | 10.9      | 75.0      | 52.5      | 33.8      | -         | -         | 1.6                   | 0.375                | 750            | 19 <sup>10</sup>   |
| 25                             | 72.1       | 53.0      | 31.8      | 18.0      | 6.36      | -         | -         | -         | -         | -         | 0.642                 | 0.106                | 780            | 19 <sup>05</sup>   |
| 26                             | 106        | 85.1      | 66.0      | 50.8      | 39.7      | 29.3      | 19.9      | 12.0      | 4.68      | -         | 0.48                  | 0.120                | 750            | 19 <sup>05</sup>   |
| 27                             | 42.3       | 31.7      | 18.2      | 10.5      | 5.76      | 2.88      | 9.6       | -         | -         | -         | 4.8                   | 0.480                | 750            | 19 <sup>00</sup>   |
| 28                             | 410        | 34.9      | 30.0      | 25.5      | 21.0      | 16.0      | 10.4      | 5.2       | 2.10      | -         | 1.7                   | 0.472                | 750            | 19 <sup>00</sup>   |
| 29                             | 15.1       | 12.2      | 9.5.6     | 7.14      | 4.35      | 1.2.2     | -         | -         | -         | -         | 0.961                 | 0.174                | 740            | 19 <sup>05</sup>   |
| 30                             | 10.8       | 7.6.2     | 5.8.2     | 4.4.5     | 3.5.2     | 2.7.4     | 1.9.9     | 1.2.8     | 4.9.7     | -         | 0.341                 | 0.142                | 760            | 19 <sup>05</sup>   |
| 31                             |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| <i>Измерения не провод.</i>    |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| M                              | 146        | 110       | 8.9       | 7.14      | 5.5.1     | 4.5.9     | 3.3.2     | 2.5.2     | 1.8.7     | -         | 0.91                  | 0.191                |                |                    |
| макс.                          | 1420       | 55.9      | 39.8      | 35.4      | 32.0      | 28.2      | 24.3      | 19.6      | 143.5     | -         | 4.8                   | 2.0                  |                |                    |
| мин.                           | 72.1       | 37.4      | 23.6      | 4.72      | 6.36      | 1.40      | 2.74      | 4.33      | 4.68      | -         | 0.280                 | 0.0834               |                |                    |
| учтено                         | 24         | 24        | 24        | 24        | 21        | 18        | 16        | 12        | 8         | 3         | 24                    | 24                   |                |                    |

Примеч. Все значения  $V_{0.02} - V_{0.9} \times 10^{-3}$

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 750 кгц

Станция Алма-Ата  
секретное время 22 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub>         | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | f <sub>пмч</sub> | f <sub>ап</sub> | частота<br>кгц | Время<br>час. мин.     |  |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|------------------|------------------|------------------|------------------|-----------------|----------------|------------------------|--|
| 1      |                   |                  |                  |                  |                  |                  | Измерения не проводились |                  |                  |                  |                  |                 |                |                        |  |
| 2      | 0.048             | 0.0307           | 0.0209           | 0.0126           | 0.00552          | 0.00221          | —                        | —                | —                | —                | 0.30             | 0.06            | 760            | 22 <sup>00</sup>       |  |
| 3      | 0.275             | 0.117            | 0.0699           | 0.044            | 0.022            | 0.00734          | —                        | —                | —                | —                | 1.1              | 0.367           | 780            | 22 <sup>00</sup>       |  |
| 4      | 0.342             | 0.216            | 0.216            | 0.181            | 0.147            | 0.106            | 0.059                    | 0.0275           | 0.00493          | —                | 1.6              | 0.493           | 770            | 22 <sup>10</sup>       |  |
| 5      | 0.0481            | 0.0366           | 0.030            | 0.0257           | 0.0219           | 0.0186           | 0.0148                   | 0.0109           | 0.00666          | 0.00219          | 0.26             | 0.0547          | 780            | 22 <sup>00</sup>       |  |
| 6      | 0.160             | 0.100            | 0.0778           | 0.0628           | 0.0508           | 0.0396           | 0.0337                   | 0.0128           | 0.00403          | —                | 0.60             | 0.20            | 770            | 22 <sup>10</sup>       |  |
| 7      | 0.107             | 0.0429           | 0.023            | 0.0138           | 0.00459          | —                | —                        | —                | —                | —                | 0.92             | 0.153           | 730            | 22 <sup>00</sup>       |  |
| 8      | 0.252             | 0.207            | 0.175            | 0.151            | 0.126            | 0.101            | 0.0755                   | 0.0447           | 0.0112           | —                | 0.90             | 0.28            | 770            | 22 <sup>10</sup>       |  |
| 9      | 0.0138            | 0.00939          | 0.00515          | 0.00257          | —                | —                | —                        | —                | —                | —                | 0.14             | 0.0234          | 780            | 22 <sup>10</sup>       |  |
| 10     | 0.105             | 0.0579           | 0.042            | 0.0336           | 0.021            | —                | —                        | —                | —                | —                | 0.84             | 0.21            | 750            | 22 <sup>00</sup>       |  |
| 11     | 0.144             | 0.0738           | 0.0522           | 0.036            | 0.0234           | 0.0136           | 0.0027                   | —                | —                | —                | 0.36             | 0.18            | 750            | 22 <sup>10</sup>       |  |
| 12     |                   |                  |                  |                  |                  |                  | Измерения                |                  |                  |                  |                  |                 |                |                        |  |
| 13     |                   |                  |                  |                  |                  |                  | не                       |                  |                  |                  |                  |                 |                |                        |  |
| 14     |                   |                  |                  |                  |                  |                  | проводились              |                  |                  |                  |                  |                 |                |                        |  |
| 15     | 0.224             | 0.150            | 0.126            | 0.106            | 0.0849           | 0.0616           | 0.0386                   | 0.0154           | —                | —                | 0.90             | 0.257           | 750            | 22 <sup>10</sup>       |  |
| 16     | 2.320             | 1.100            | 0.684            | 0.390            | 0.195            | 0.0781           | —                        | —                | —                | —                | 12.21            | 2.44            | 760            | 22 <sup>00</sup>       |  |
| 17     | 0.118             | 0.073            | 0.0434           | 0.0236           | 0.00591          | —                | —                        | —                | —                | —                | 1.12             | 0.187           | 780            | 22 <sup>10</sup>       |  |
| 18     | 2.100             | 0.851            | 0.274            | 0.100            | —                | —                | —                        | —                | —                | —                | 15.0             | 2.5             | 780            | 22 <sup>00</sup>       |  |
| 19     | 0.190             | 0.142            | 0.0893           | 0.057            | 0.0399           | 0.0266           | 0.019                    | 0.0095           | —                | —                | 0.76             | 0.19            | 770            | 22 <sup>00</sup>       |  |
| 20     | 0.222             | 0.186            | 0.165            | 0.131            | 0.105            | 0.0786           | 0.0393                   | 0.0105           | —                | —                | 0.70             | 0.262           | 780            | 22 <sup>10</sup>       |  |
| 21     | 0.213             | 0.172            | 0.141            | 0.114            | 0.085            | 0.0461           | 0.017                    | —                | —                | —                | 0.76             | 0.243           | 750            | 22 <sup>00</sup>       |  |
| 22     | 0.324             | 0.168            | 0.0704           | 0.00812          | —                | —                | —                        | —                | —                | —                | 26.0             | 0.541           | 770            | 22 <sup>05</sup> гроза |  |
| 23     | 2.27              | 1.91             | 1.52             | 1.25             | 1.02             | 0.817            | 0.636                    | 0.476            | 0.318            | 0.159            | 6.80             | 2.27            | 780            | 22 <sup>00</sup>       |  |
| 24     | 0.270             | 0.213            | 0.177            | 0.147            | 0.123            | 0.099            | 0.075                    | 0.048            | 0.021            | —                | 1.3              | 0.30            | 760            | 22 <sup>10</sup>       |  |
| 25     | 0.0909            | 0.0646           | 0.0475           | 0.0376           | 0.0252           | 0.0141           | —                        | —                | —                | —                | 0.66             | 0.101           | 780            | 22 <sup>10</sup>       |  |
| 26     | 0.213             | 0.140            | 0.106            | 0.0818           | 0.063            | 0.0514           | 0.0385                   | 0.0257           | 0.0107           | —                | 0.60             | 0.257           | 720            | 22 <sup>10</sup>       |  |
| 27     | 2.25              | 0.850            | 0.350            | 0.200            | 0.025            | —                | —                        | —                | —                | —                | 20.0             | 2.5             | 770            | 22 <sup>00</sup>       |  |
| 28     | 0.278             | 0.230            | 0.192            | 0.163            | 0.134            | 0.102            | 0.0704                   | 0.0368           | 0.0096           | —                | 1.2              | 0.32            | 730            | 22 <sup>10</sup>       |  |
| 29     | 0.0861            | 0.0662           | 0.0521           | 0.0407           | 0.0261           | 0.00815          | —                        | —                | —                | —                | 1.06             | 0.163           | 780            | 22 <sup>00</sup>       |  |
| 30     | 0.181             | 0.149            | 0.0881           | 0.0669           | 0.0526           | 0.0411           | 0.0307                   | 0.0197           | 0.008            | —                | 0.48             | 0.21            | 780            | 22 <sup>10</sup>       |  |
| 31     | 0.135             | 0.111            | 0.081            | 0.0724           | 0.0594           | 0.0462           | 0.0364                   | 0.0231           | 0.010            | —                | 0.54             | 0.154           | 790            | 22 <sup>10</sup>       |  |
| M      | 0.213             | 0.140            | 0.0893           | 0.0669           | 0.0517           | 0.0436           | 0.0385                   | 0.0257           | 0.0098           | 0.0006           | 0.84             | 0.243           |                |                        |  |
| макс.  | 2.32              | 1.91             | 1.52             | 1.25             | 1.02             | 0.817            | 0.636                    | 0.476            | 0.318            | 0.159            | 26.0             | 2.5             |                |                        |  |
| мин.   | 0.0138            | 0.0094           | 0.00515          | 0.00257          | 0.00459          | 0.00221          | 0.0027                   | 0.0095           | 0.00403          | 0.00219          | 0.14             | 0.0234          |                |                        |  |
| учтено | 27                | 27               | 27               | 27               | 24               | 22               | 16                       | 13               | 10               | 2                | 27               | 27              |                |                        |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Свободная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  1000 кгц

Станция Алма-Ата

секретное время 01 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$           | $V_{0,5}$           | $V_{0,6}$ | $V_{0,7}$  | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пнк}}$ | $\Sigma_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |  |  |
|--------|------------|-----------|-----------|-----------|---------------------|---------------------|-----------|------------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|--|--|
| 1      | 0.119      | 0.096     | 0.0784    | 0.0675    | 0.0609              | 0.0526              | 0.0446    | 0.0336     | 0.0229    | 0.00946   | 0.54                  | 0.135                | 1000           | 01 <sup>15</sup>   |  |  |
| 2      |            |           |           |           |                     | Измерен. не пробог. |           |            |           |           |                       |                      |                |                    |  |  |
| 3      | 0.593      | 0.406     | 0.338     | 0.285     | 0.229               | 0.166               | 0.110     | 0.0475     | —         | —         | 2.6                   | 0.791                | 1000           | 01 <sup>22</sup>   |  |  |
| 4      | 0.210      | 0.108     | 0.074     | 0.0539    | 0.0381              | 0.0246              | 0.0134    | 0.00672    | —         | —         | 0.56                  | 0.224                | 1010           | 01 <sup>20</sup>   |  |  |
| 5      | 0.958      | 0.710     | 0.627     | 0.474     | 0.369               | 0.286               | 0.198     | 0.121      | 0.033     | —         | 2.2                   | 1.1                  | 1020           | 01 <sup>22</sup>   |  |  |
| 6      | 0.132      | 0.108     | 0.0871    | 0.0735    | 0.0615              | 0.051               | 0.042     | 0.0315     | 0.0225    | 0.0105    | 0.26                  | 0.15                 | 1000           | 01 <sup>15</sup>   |  |  |
| 7      | 0.135      | 0.104     | 0.0776    | 0.073     | 0.0605              | 0.0481              | 0.0379    | 0.0279     | 0.017     | 0.00466   | 0.42                  | 0.155                | 1000           | 01 <sup>25</sup>   |  |  |
| 8      |            |           |           |           | помехи от везданция |                     |           |            |           |           |                       |                      |                |                    |  |  |
| 9      | 0.254      | 0.195     | 0.167     | 0.147     | 0.127               | 0.107               | 0.0812    | 0.0558     | 0.028     | 0.00254   | 0.70                  | 0.254                | 1000           | 01 <sup>22</sup>   |  |  |
| 10     | 0.0991     | 0.0836    | 0.0705    | 0.0595    | 0.0506              | 0.044               | 0.0363    | 0.0286     | 0.0187    | 0.00881   | 0.46                  | 0.11                 | 980            | 01 <sup>20</sup>   |  |  |
| 11     | 0.045      | 0.0257    | 0.0198    | 0.0157    | 0.0125              | 0.00965             | 0.00714   | 0.00486    | 0.00168   | —         | 0.10                  | 0.06                 | 1020           | 01 <sup>20</sup>   |  |  |
| 12     | 0.166      | 0.100     | 0.066     | 0.046     | 0.034               | 0.024               | 0.018     | 0.012      | 0.006     | —         | 0.40                  | 0.20                 | 1010           | 01 <sup>25</sup>   |  |  |
| 13     |            |           |           |           | Измерения           |                     |           |            |           |           |                       |                      |                |                    |  |  |
| 14     |            |           |           |           |                     |                     |           | не         |           |           |                       |                      |                |                    |  |  |
| 15     |            |           |           |           |                     |                     |           | пробогурис |           |           |                       |                      |                |                    |  |  |
| 16     | 0.234      | 0.181     | 0.147     | 0.126     | 0.098               | 0.0721              | 0.0516    | 0.00258    | —         | —         | 0.60                  | 0.258                | 1000           | 01 <sup>20</sup>   |  |  |
| 17     | 0.203      | 0.135     | 0.0864    | 0.0643    | 0.0531              | 0.0421              | 0.031     | 0.0221     | 0.0132    | 0.00221   | 0.62                  | 0.221                | 960            | 01 <sup>20</sup>   |  |  |
| 18     | 0.200      | 0.159     | 0.127     | 0.104     | 0.0885              | 0.0726              | 0.059     | 0.0431     | 0.025     | 0.00681   | 0.46                  | 0.227                | 1000           | 01 <sup>20</sup>   |  |  |
| 19     | 0.242      | 0.154     | 0.113     | 0.077     | 0.0519              | 0.0322              | 0.0164    | 0.00645    | —         | —         | 14.2                  | 3.22                 | 950            | 01 <sup>05</sup>   |  |  |
| 20     | 0.300      | 0.210     | 0.150     | 0.117     | 0.090               | 0.066               | 0.045     | 0.030      | 0.015     | 0.003     | 0.84                  | 0.300                | 1040           | 01 <sup>20</sup>   |  |  |
| 21     | 0.305      | 0.240     | 0.200     | 0.159     | 0.128               | 0.088               | 0.061     | 0.0339     | 0.00678   | —         | 0.40                  | 0.339                | 1010           | 01 <sup>20</sup>   |  |  |
| 22     | 0.044      | 0.0359    | 0.0273    | 0.0192    | 0.0152              | 0.0122              | 0.00962   | 0.00659    | 0.00202   | —         | 0.24                  | 0.0506               | 1000           | 01 <sup>20</sup>   |  |  |
| 23     | 0.166      | 0.110     | 0.0818    | 0.0664    | 0.055               | 0.0448              | 0.0354    | 0.0145     | 0.0129    | —         | 0.40                  | 0.20                 | 980            | 01 <sup>25</sup>   |  |  |
| 24     | 0.216      | 0.132     | 0.0649    | 0.0336    | 0.0168              | 0.0024              | —         | —          | —         | —         | 2.4                   | 0.24                 | 980            | 01 <sup>20</sup>   |  |  |
| 25     | 0.182      | 0.147     | 0.126     | 0.107     | 0.0941              | 0.0728              | 0.0574    | 0.0418     | 0.0273    | 0.0109    | 0.40                  | 0.182                | 1000           | 01 <sup>20</sup>   |  |  |
| 26     | 0.0794     | 0.0644    | 0.0541    | 0.0439    | 0.0345              | 0.028               | 0.0215    | 0.0131     | —         | —         | 0.28                  | 0.0934               | 980            | 01 <sup>15</sup>   |  |  |
| 27     |            |           |           |           | помехи              |                     |           |            |           |           |                       |                      |                |                    |  |  |
| 28     | 0.700      | 0.476     | 0.336     | 0.252     | 0.182               | 0.126               | 0.084     | 0.042      | 0.007     | —         | 2.80                  | 0.70                 | 950            | 01 <sup>15</sup>   |  |  |
| 29     | 0.205      | 0.163     | 0.144     | 0.121     | 0.098               | 0.0798              | 0.0615    | 0.041      | 0.0205    | —         | 1.0                   | 0.228                | 950            | 01 <sup>20</sup>   |  |  |
| 30     | 0.185      | 0.149     | 0.124     | 0.105     | 0.0881              | 0.0735              | 0.0588    | 0.0441     | 0.0273    | 0.0084    | 0.42                  | 0.21                 | 990            | 01 <sup>25</sup>   |  |  |
| 31     | 0.132      | 0.109     | 0.0896    | 0.0739    | 0.0592              | 0.0471              | 0.039     | 0.0318     | 0.0231    | 0.0115    | 0.26                  | 0.15                 | 960            | 01 <sup>05</sup>   |  |  |
| M      | 0.203      | 0.135     | 0.0896    | 0.0739    | 0.0609              | 0.051               | 0.0433    | 0.0308     | 0.0187    | 0.0084    | 0.46                  | 0.221                |                |                    |  |  |
| макс.  | 0.958      | 0.77      | 0.627     | 0.474     | 0.369               | 0.286               | 0.198     | 0.121      | 0.033     | 0.0115    | 14.2                  | 3.22                 |                |                    |  |  |
| мин.   | 0.044      | 0.0257    | 0.0198    | 0.0157    | 0.0125              | 0.00965             | 0.00714   | 0.00486    | 0.00168   | 0.00221   | 0.10                  | 0.0506               |                |                    |  |  |
| учтено | 25         | 25        | 25        | 25        | 25                  | 25                  | 24        | 24         | 19        | 11        | 25                    | 25                   |                |                    |  |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  1000 кгц

Станция Алма-Ата  
 секретное время 04 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub>             | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пмч</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |  |  |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|--|--|
| 1      | 0.259             | 0.205            | 0.172            | 0.147            | 0.129            | 0.0935                       | 0.0693           | 0.0422           | 0.012            | —                | 0.52             | 0.301           | 1000           | 04 <sup>15</sup>   |  |  |
| 2      |                   |                  |                  |                  |                  | Измерен. не пробог.          |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 3      |                   |                  |                  |                  |                  | вещание и телеграфн. работа. |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 4      | 0.135             | 0.108            | 0.0906           | 0.0799           | 0.0676           | 0.0568                       | 0.046            | 0.0351           | 0.0243           | 0.0108           | 0.540            | 0.135           | 960            | 04 <sup>12</sup>   |  |  |
| 5      | 0.845             | 0.659            | 0.516            | 0.382            | 0.280            | 0.196                        | 0.142            | 0.089            | 0.0445           | —                | 2.0              | 0.89            | 960            | 04 <sup>22</sup>   |  |  |
| 6      | 0.111             | 0.0898           | 0.0717           | 0.0601           | 0.0512           | 0.0422                       | 0.0333           | 0.023            | 0.0128           | 0.00256          | 0.30             | 0.128           | 970            | 04 <sup>12</sup>   |  |  |
| 7      | 0.445             | 0.364            | 0.305            | 0.269            | 0.239            | 0.210                        | 0.185            | 0.159            | 0.130            | 0.0914           | 1.1              | 0.5             | 1000           | 04 <sup>15</sup>   |  |  |
| 8      | 0.270             | 0.189            | 0.150            | 0.123            | 0.099            | 0.075                        | 0.057            | 0.036            | 0.018            | —                | 0.60             | 0.30            | 1020           | 04 <sup>12</sup>   |  |  |
| 9      | 0.432             | 0.316            | 0.252            | 0.202            | 0.158            | 0.125                        | 0.096            | 0.0671           | 0.0336           | —                | 0.96             | 0.48            | 1000           | 04 <sup>12</sup>   |  |  |
| 10     | 0.190             | 0.146            | 0.106            | 0.073            | 0.0554           | 0.0442                       | 0.0309           | 0.0199           | 0.00664          | —                | 0.58             | 0.221           | 980            | 04 <sup>12</sup>   |  |  |
| 11     | 0.0748            | 0.0536           | 0.0413           | 0.0321           | 0.0256           | 0.0193                       | 0.0135           | 0.0084           | 0.0026           | —                | 0.14             | 0.084           | 1000           | 04 <sup>12</sup>   |  |  |
| 12     | 0.120             | 0.084            | 0.066            | 0.054            | 0.0432           | 0.0336                       | 0.0264           | 0.018            | 0.0096           | —                | 0.36             | 0.12            | 1000           | 04 <sup>12</sup>   |  |  |
| 13     |                   |                  |                  |                  |                  | Измерения                    |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 14     |                   |                  |                  |                  |                  | не                           |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 15     |                   |                  |                  |                  |                  | пробогнулись                 |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 16     | 0.128             | 0.105            | 0.0856           | 0.0705           | 0.0585           | 0.0495                       | 0.0405           | 0.033            | 0.021            | 0.006            | 0.30             | 0.15            | 1000           | 04 <sup>22</sup>   |  |  |
| 17     | 0.153             | 0.105            | 0.078            | 0.0597           | 0.0444           | 0.0337                       | 0.023            | 0.0138           | 0.0046           | —                | 0.46             | 0.153           | 1020           | 04 <sup>12</sup>   |  |  |
| 18     | 0.103             | 0.0805           | 0.0666           | 0.0552           | 0.0436           | 0.0322                       | 0.0242           | 0.0161           | 0.0092           | 0.0023           | 0.36             | 0.115           | 1000           | 04 <sup>12</sup>   |  |  |
| 19     | 1.140             | 0.765            | 0.561            | 0.446            | 0.369            | 0.318                        | 0.267            | 0.204            | 0.127            | 0.0382           | 2.8              | 1.27            | 960            | 04 <sup>12</sup>   |  |  |
| 20     |                   |                  |                  |                  |                  | вещание                      |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 21     | 0.145             | 0.116            | 0.095            | 0.0805           | 0.066            | 0.0516                       | 0.037            | 0.0226           | 0.0113           | —                | 0.30             | 0.161           | 950            | 04 <sup>22</sup>   |  |  |
| 22     | 0.0671            | 0.0549           | 0.0465           | 0.0389           | 0.0305           | 0.0221                       | 0.0137           | 0.0084           | 0.00457          | 0.00153          | 0.28             | 0.0764          | 1000           | 04 <sup>12</sup>   |  |  |
| 23     |                   |                  |                  |                  |                  | вещание                      |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 24     | 0.326             | 0.240            | 0.153            | 0.116            | 0.0866           | 0.0694                       | 0.0433           | 0.0283           | 0.00666          | —                | 2.00             | 0.333           | 950            | 04 <sup>12</sup>   |  |  |
| 25     | 0.176             | 0.148            | 0.126            | 0.108            | 0.092            | 0.076                        | 0.060            | 0.044            | 0.026            | 0.004            | 0.80             | 0.20            | 1000           | 04 <sup>12</sup>   |  |  |
| 26     | 0.0861            | 0.0674           | 0.0554           | 0.0465           | 0.0384           | 0.0297                       | 0.0208           | 0.0158           | 0.0089           | —                | 0.24             | 0.099           | 1000           | 04 <sup>22</sup>   |  |  |
| 27     | 0.149             | 0.122            | 0.100            | 0.086            | 0.0690           | 0.0591                       | 0.050            | 0.041            | 0.0321           | 0.0178           | 0.28             | 0.162           | 1020           | 04 <sup>15</sup>   |  |  |
| 28     |                   |                  |                  |                  |                  | Измерен. не пробог.          |                  |                  |                  |                  |                  |                 |                |                    |  |  |
| 29     | 0.308             | 0.252            | 0.212            | 0.182            | 0.151            | 0.120                        | 0.0856           | 0.0548           | 0.0222           | —                | 1.2              | 0.343           | 1000           | 04 <sup>12</sup>   |  |  |
| 30     | 0.119             | 0.096            | 0.0781           | 0.0659           | 0.0549           | 0.0452                       | 0.0356           | 0.026            | 0.0151           | 0.00274          | 0.36             | 0.137           | 1000           | 04 <sup>15</sup>   |  |  |
| 31     | 0.203             | 0.166            | 0.139            | 0.114            | 0.0888           | 0.0661                       | 0.0456           | 0.0296           | 0.0144           | —                | 0.60             | 0.228           | 960            | 04 <sup>22</sup>   |  |  |
| M      | 0.153             | 0.122            | 0.100            | 0.0805           | 0.0676           | 0.0568                       | 0.0433           | 0.0296           | 0.0144           | 0.006            | 0.52             | 0.162           |                |                    |  |  |
| макс.  | 1.14              | 0.765            | 0.561            | 0.446            | 0.369            | 0.318                        | 0.267            | 0.204            | 0.130            | 0.0914           | 2.8              | 1.27            |                |                    |  |  |
| мин.   | 0.0671            | 0.0536           | 0.0413           | 0.0321           | 0.0256           | 0.0193                       | 0.0135           | 0.0084           | 0.0026           | 0.00153          | 0.14             | 0.0764          |                |                    |  |  |
| учтено | 23                | 23               | 23               | 23               | 23               | 23                           | 23               | 23               | 23               | 9                | 25               | 23              |                |                    |  |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

## Атмосферные радиопомехи Сводная таблица P(V)

Характеристика  $V_p$  мкВ/м  
 $f_0 = 1000$  кгц

Станция Алма-Ата  
секретное время 07 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$              | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $f_{\text{пнк}}$ | $f_{\text{оп}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|------------------|-----------------|----------------|--------------------|
| 1      | 0.176      | 0.140     | 0.115     | 0.0874    | 0.0754    | 0.0635                 | 0.0495    | 0.0356    | 0.0178    | —         | 0.452            | 0.198           | 1000           | 07 <sup>30</sup>   |
| 2      |            |           |           |           |           | Измерен. не проведено. |           |           |           |           |                  |                 |                |                    |
| 3      | 0.122      | 0.0829    | 0.0533    | 0.0389    | 0.0301    | 0.023                  | 0.0173    | 0.0104    | 0.00432   | —         | 0.24             | 0.144           | 1000           | 07 <sup>15</sup>   |
| 4      | 0.069      | 0.0532    | 0.0435    | 0.036     | 0.0307    | 0.0262                 | 0.0217    | 0.0172    | 0.012     | 0.00625   | 0.15             | 0.075           | 1010           | 07 <sup>10</sup>   |
| 5      | 0.102      | 0.0832    | 0.0672    | 0.0548    | 0.0427    | 0.033                  | 0.027     | 0.0137    | 0.00456   | —         | 0.40             | 0.14            | 1000           | 07 <sup>20</sup>   |
| 6      | 0.0941     | 0.0779    | 0.0681    | 0.0606    | 0.0551    | 0.0486                 | 0.0411    | 0.0335    | 0.0238    | 0.013     | 0.156            | 0.108           | 1000           | 07 <sup>10</sup>   |
| 7      | 0.0945     | 0.0736    | 0.0504    | 0.0416    | 0.0368    | 0.0284                 | 0.021     | 0.0147    | 0.00768   | —         | 0.42             | 0.105           | 1000           | 07 <sup>10</sup>   |
| 8      | 0.141      | 0.075     | 0.0556    | 0.045     | 0.0375    | 0.030                  | 0.0225    | 0.015     | 0.0105    | 0.003     | 0.30             | 0.15            | 1020           | 07 <sup>30</sup>   |
| 9      | 0.377      | 0.282     | 0.208     | 0.165     | 0.130     | 0.0954                 | 0.0693    | 0.039     | 0.013     | —         | 1.70             | 0.433           | 1000           | 07 <sup>10</sup>   |
| 10     | 0.0645     | 0.0501    | 0.0419    | 0.0342    | 0.0277    | 0.0202                 | 0.012     | 0.00299   | —         | —         | 0.30             | 0.075           | 1000           | 07 <sup>10</sup>   |
| 11     | 0.0927     | 0.0832    | 0.0748    | 0.065     | 0.0541    | 0.0428                 | 0.0314    | 0.0201    | 0.0106    | —         | 0.16             | 0.0935          | 1000           | 07 <sup>25</sup>   |
| 12     | 0.132      | 0.0911    | 0.0712    | 0.058     | 0.0488    | 0.0396                 | 0.029     | 0.0185    | 0.00944   | —         | 0.22             | 0.132           | 1000           | 07 <sup>20</sup>   |
| 13     |            |           |           |           |           | Измерения              |           |           |           |           |                  |                 |                |                    |
| 14     |            |           |           |           |           | не                     |           |           |           |           |                  |                 |                |                    |
| 15     |            |           |           |           |           | проверка               |           |           |           |           |                  |                 |                |                    |
| 16     | 0.193      | 0.154     | 0.122     | 0.100     | 0.0866    | 0.0685                 | 0.0535    | 0.0364    | 0.0171    | —         | 0.30             | 0.214           | 1000           | 07 <sup>30</sup>   |
| 17     | 0.080      | 0.0608    | 0.0489    | 0.040     | 0.0328    | 0.0288                 | 0.0208    | 0.0152    | 0.0088    | 0.0024    | 0.16             | 0.08            | 1020           | 07 <sup>05</sup>   |
| 18     | 0.0706     | 0.0526    | 0.0416    | 0.0337    | 0.0275    | 0.0204                 | 0.0134    | 0.00471   | —         | —         | 0.34             | 0.0785          | 1000           | 07 <sup>10</sup>   |
| 19     | 0.0268     | 0.0208    | 0.0171    | 0.0145    | 0.0123    | 0.0102                 | 0.0084    | 0.00659   | 0.00462   | 0.00249   | 0.04             | 0.03            | 1000           | 07 <sup>20</sup>   |
| 20     | 0.0504     | 0.0372    | 0.0294    | 0.024     | 0.0188    | 0.0122                 | 0.0126    | 0.0096    | 0.006     | 0.0006    | 0.12             | 0.06            | 1020           | 07 <sup>10</sup>   |
| 21     | 0.246      | 0.193     | 0.152     | 0.127     | 0.105     | 0.0855                 | 0.0685    | 0.0441    | 0.0248    | —         | 0.40             | 0.276           | 1000           | 07 <sup>20</sup>   |
| 22     | 0.0446     | 0.0365    | 0.028     | 0.0225    | 0.019     | 0.016                  | 0.013     | 0.010     | 0.006     | 0.0015    | 0.12             | 0.05            | 1000           | 07 <sup>20</sup>   |
| 23     | 0.103      | 0.0806    | 0.0685    | 0.0591    | 0.0509    | 0.0425                 | 0.0338    | 0.025     | 0.0148    | 0.00373   | 0.15             | 0.12            | 950            | 07 <sup>25</sup>   |
| 24     | 0.076      | 0.0536    | 0.0424    | 0.0362    | 0.0288    | 0.024                  | 0.020     | 0.0168    | 0.012     | 0.0064    | 0.16             | 0.08            | 1020           | 07 <sup>10</sup>   |
| 25     | 0.212      | 0.171     | 0.146     | 0.127     | 0.109     | 0.085                  | 0.0614    | 0.033     | 0.0153    | —         | 0.52             | 0.236           | 1000           | 07 <sup>20</sup>   |
| 26     | 0.0308     | 0.0248    | 0.0206    | 0.0178    | 0.015     | 0.0126                 | 0.0098    | 0.007     | 0.0042    | 0.0007    | 0.276            | 0.035           | 1000           | 07 <sup>20</sup>   |
| 27     | 0.0687     | 0.0472    | 0.0346    | 0.0267    | 0.0212    | 0.0162                 | 0.012     | 0.00745   | 0.00312   | —         | 0.16             | 0.08            | 1000           | 07 <sup>10</sup>   |
| 28     | 0.060      | 0.045     | 0.0366    | 0.030     | 0.0252    | 0.0204                 | 0.0156    | 0.012     | 0.0072    | 0.0018    | 0.12             | 0.06            | 1020           | 07 <sup>20</sup>   |
| 29     | 0.294      | 0.251     | 0.217     | 0.183     | 0.149     | 0.124                  | 0.096     | 0.0682    | 0.0372    | 0.0062    | 0.62             | 0.31            | 1000           | 07 <sup>10</sup>   |
| 30     | 0.0609     | 0.0484    | 0.0387    | 0.0325    | 0.027     | 0.0221                 | 0.0166    | 0.0111    | 0.00484   | —         | 0.152            | 0.069           | 1000           | 07 <sup>10</sup>   |
| 31     | 0.0892     | 0.0567    | 0.0409    | 0.0328    | 0.0262    | 0.021                  | 0.0163    | 0.0119    | 0.0066    | 0.00105   | 0.14             | 0.105           | 1000           | 07 <sup>15</sup>   |
| M      | 0.0927     | 0.0736    | 0.0601    | 0.040     | 0.0328    | 0.0284                 | 0.021     | 0.016     | 0.00924   | 0.00249   | 0.22             | 0.105           |                |                    |
| макс.  | 0.377      | 0.282     | 0.217     | 0.183     | 0.149     | 0.124                  | 0.096     | 0.0682    | 0.0372    | 0.013     | 1.7              | 0.433           |                |                    |
| мин.   | 0.0268     | 0.0208    | 0.0171    | 0.0145    | 0.0123    | 0.0102                 | 0.0084    | 0.00299   | 0.00312   | 0.0006    | 0.04             | 0.030           |                |                    |
| учтено | 27         | 27        | 27        | 27        | 27        | 27                     | 27        | 27        | 25        | 13        | 27               | 27              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

## Атмосферные радиопомехи Сводная таблица $D(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 = 1000$  кГц

секретное время 10

станция Олма-Ата долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$               | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\delta_{\text{плн}}$ | $\delta_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           | Измерен. не проводилась |           |           |           |                       |                      |                |                    |
| 2      | 0.192      | 0.146     | 0.124     | 0.107     | 0.0945    | 0.0809    | 0.0075                  | 0.00622   | 0.00508   | 0.00378   | 0.54                  | 0.27                 | 1000           | 10 <sup>12</sup>   |
| 3      | 0.090      | 0.056     | 0.044     | 0.038     | 0.032     | 0.026     | 0.021                   | 0.016     | 0.011     | 0.005     | 0.20                  | 0.10                 | 1000           | 10 <sup>12</sup>   |
| 4      | 0.312      | 0.232     | 0.180     | 0.137     | 0.106     | 0.0868    | 0.0638                  | 0.026     | —         | —         | 1.04                  | 0.347                | 1000           | 10 <sup>12</sup>   |
| 5      | 0.129      | 0.101     | 0.080     | 0.0607    | 0.0469    | 0.034     | 0.0222                  | 0.0104    | —         | —         | 0.78                  | 0.148                | 1000           | 10 <sup>12</sup>   |
| 6      | 0.0711     | 0.0417    | 0.0299    | 0.0226    | 0.0168    | 0.0121    | 0.00795                 | 0.00411   | —         | —         | 0.14                  | 0.0935               | 1000           | 10 <sup>12</sup>   |
| 7      | 0.121      | 0.0974    | 0.0813    | 0.072     | 0.064     | 0.056     | 0.048                   | 0.040     | 0.032     | 0.0213    | 0.40                  | 0.133                | 1000           | 10 <sup>15</sup>   |
| 8      |            |           |           |           |           |           | нет эл/эл.              |           |           |           |                       |                      |                |                    |
| 9      | 0.327      | 0.276     | 0.224     | 0.195     | 0.169     | 0.154     | 0.132                   | 0.110     | 0.081     | 0.0441    | 0.844                 | 0.368                | 1000           | 10 <sup>15</sup>   |
| 10     | 0.102      | 0.0697    | 0.0545    | 0.0441    | 0.0361    | 0.0295    | 0.0228                  | 0.0163    | 0.00915   | 0.00136   | 0.33                  | 0.126                | 1000           | 10 <sup>15</sup>   |
| 11     | 0.060      | 0.0523    | 0.045     | 0.039     | 0.0336    | 0.0288    | 0.024                   | 0.0198    | 0.015     | 0.009     | 0.12                  | 0.06                 | 1000           | 10 <sup>15</sup>   |
| 12     |            |           |           |           |           |           | Измерения               |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           | не                      |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           | проводилась             |           |           |           |                       |                      |                |                    |
| 15     | 0.156      | 0.123     | 0.101     | 0.0803    | 0.0615    | 0.041     | 0.0256                  | 0.0111    | —         | —         | 0.60                  | 0.171                | 1000           | 10 <sup>15</sup>   |
| 16     | 0.090      | 0.070     | 0.056     | 0.046     | 0.039     | 0.031     | 0.023                   | 0.016     | 0.009     | —         | 0.20                  | 0.10                 | 1000           | 10 <sup>15</sup>   |
| 17     | 0.106      | 0.0854    | 0.0674    | 0.0565    | 0.048     | 0.0384    | 0.030                   | 0.0216    | 0.012     | 0.0024    | 0.213                 | 0.12                 | 1000           | 10 <sup>15</sup>   |
| 18     | 0.072      | 0.047     | 0.0336    | 0.0249    | 0.0179    | 0.012     | 0.00672                 | 0.0044    | —         | —         | 0.16                  | 0.096                | 1000           | 10 <sup>15</sup>   |
| 19     | 0.41       | 0.274     | 0.213     | 0.172     | 0.143     | 0.114     | 0.086                   | 0.0656    | 0.041     | 0.0082    | 0.82                  | 0.41                 | 1000           | 10 <sup>15</sup>   |
| 20     | 0.165      | 0.136     | 0.112     | 0.0962    | 0.0822    | 0.0692    | 0.0542                  | 0.0374    | 0.0168    | —         | 0.50                  | 0.187                | 1000           | 10 <sup>15</sup>   |
| 21     | 0.0782     | 0.0639    | 0.0521    | 0.0414    | 0.0324    | 0.0261    | 0.0198                  | 0.0135    | 0.0072    | —         | 0.27                  | 0.09                 | 1000           | 10 <sup>15</sup>   |
| 22     | 0.064      | 0.0437    | 0.0354    | 0.0274    | 0.0229    | 0.0186    | 0.0135                  | 0.00889   | 0.00371   | —         | 0.12                  | 0.06                 | 1000           | 10 <sup>15</sup>   |
| 23     | 0.060      | 0.048     | 0.042     | 0.0366    | 0.0318    | 0.027     | 0.0216                  | 0.0168    | 0.012     | 0.006     | 0.12                  | 0.06                 | 1010           | 10 <sup>15</sup>   |
| 24     | 0.086      | 0.062     | 0.0525    | 0.0455    | 0.040     | 0.034     | 0.028                   | 0.0225    | 0.015     | 0.007     | 0.30                  | 0.10                 | 1000           | 10 <sup>15</sup>   |
| 25     | 0.0773     | 0.0611    | 0.0495    | 0.0414    | 0.0357    | 0.0288    | 0.0225                  | 0.0162    | 0.0099    | 0.0027    | 0.211                 | 0.09                 | 1000           | 10 <sup>15</sup>   |
| 26     | 0.069      | 0.0562    | 0.0447    | 0.0346    | 0.0277    | 0.0223    | 0.0175                  | 0.0118    | 0.0056    | —         | 0.20                  | 0.077                | 1000           | 10 <sup>15</sup>   |
| 27     |            |           |           |           |           |           | помехи р/ст             |           |           |           |                       |                      |                |                    |
| 28     | 0.368      | 0.286     | 0.222     | 0.184     | 0.151     | 0.118     | 0.090                   | 0.0618    | 0.0286    | —         | 0.90                  | 0.408                | 1000           | 10 <sup>15</sup>   |
| 29     | 0.0906     | 0.0731    | 0.0608    | 0.0525    | 0.0454    | 0.0381    | 0.0309                  | 0.0237    | 0.0155    | 0.00515   | 0.206                 | 0.103                | 1000           | 10 <sup>15</sup>   |
| 30     | 0.0824     | 0.0626    | 0.0526    | 0.0458    | 0.0404    | 0.0349    | 0.0294                  | 0.0234    | 0.0162    | 0.00758   | 0.16                  | 0.0935               | 1000           | 10 <sup>15</sup>   |
| 31     |            |           |           |           |           |           | Измерен. не провод.     |           |           |           |                       |                      |                |                    |
| M      | 0.0903     | 0.0698    | 0.0552    | 0.0469    | 0.0402    | 0.0325    | 0.024                   | 0.0162    | 0.012     | 0.006     | 0.242                 | 0.102                |                |                    |
| макс.  | 0.410      | 0.286     | 0.224     | 0.195     | 0.169     | 0.154     | 0.132                   | 0.110     | 0.081     | 0.0441    | 1.04                  | 0.41                 |                |                    |
| мин.   | 0.054      | 0.0417    | 0.0299    | 0.0226    | 0.0168    | 0.012     | 0.00642                 | 0.00144   | 0.00371   | 0.00126   | 0.12                  | 0.06                 |                |                    |
| учтено | 24         | 24        | 24        | 24        | 24        | 24        | 24                      | 24        | 19        | 13        | 24                    | 24                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 1000 кгц

секретное время 13

долгота 76°55'E

широта 43°15'N

Станция Алма-Ата

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub>     | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>лич</sub> | Э <sub>оп</sub> | частота<br>кгц | Время<br>час. мин. |  |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|--|
| 1      |                   |                  |                  |                  |                  |                  | Измерения не пробог. |                  |                  |                  |                  |                 |                |                    |  |
| 2      | 0.340             | 0.245            | 0.196            | 0.160            | 0.124            | 0.092            | 0.070                | 0.048            | 0.0239           | —                | 0.302            | 0.40            | 1000           | 13 <sup>10</sup>   |  |
| 3      | 0.0933            | 0.0699           | 0.056            | 0.0466           | 0.0391           | 0.0326           | 0.027                | 0.0204           | 0.014            | 0.0056           | 0.28             | 0.0933          | 1000           | 13 <sup>15</sup>   |  |
| 4      | 0.203             | 0.163            | 0.136            | 0.108            | 0.0904           | 0.0723           | 0.0553               | 0.0384           | 0.0192           | —                | 0.30             | 0.226           | 1000           | 13 <sup>10</sup>   |  |
| 5      | 0.0729            | 0.0589           | 0.0483           | 0.0368           | 0.0286           | 0.0221           | 0.0147               | 0.00736          | —                | —                | 0.30             | 0.0819          | 1000           | 13 <sup>10</sup>   |  |
| 6      | 0.227             | 0.141            | 0.0931           | 0.0681           | 0.0485           | 0.033            | 0.0176               | 0.0025           | —                | —                | 0.54             | 0.252           | 1000           | 13 <sup>20</sup>   |  |
| 7      | 0.126             | 0.077            | 0.0681           | 0.0471           | 0.0377           | 0.0298           | 0.0204               | 0.0125           | 0.00471          | —                | 0.94             | 0.157           | 1000           | 13 <sup>20</sup>   |  |
| 8      |                   |                  |                  |                  |                  |                  | нетр. эр. изм.       |                  |                  |                  |                  |                 |                |                    |  |
| 9      | 0.0978            | 0.0775           | 0.0595           | 0.0487           | 0.0393           | 0.0303           | 0.0191               | 0.00899          | —                | —                | 0.42             | 0.112           | 1000           | 13 <sup>15</sup>   |  |
| 10     | 0.444             | 0.331            | 0.243            | 0.195            | 0.154            | 0.115            | 0.0776               | 0.0382           | —                | —                | 0.69             | 0.517           | 1000           | 13 <sup>15</sup>   |  |
| 11     | 0.189             | 0.143            | 0.117            | 0.101            | 0.0882           | 0.0756           | 0.063                | 0.0504           | 0.0336           | 0.0147           | 0.42             | 0.21            | 1000           | 13 <sup>20</sup>   |  |
| 12     |                   |                  |                  |                  |                  |                  | Измерения            |                  |                  |                  |                  |                 |                |                    |  |
| 13     |                   |                  |                  |                  |                  |                  | не                   |                  |                  |                  |                  |                 |                |                    |  |
| 14     |                   |                  |                  |                  |                  |                  | пробогнулись         |                  |                  |                  |                  |                 |                |                    |  |
| 15     | 0.564             | 0.488            | 0.425            | 0.374            | 0.317            | 0.260            | 0.203                | 0.146            | 0.073            | —                | 1.14             | 0.634           | 1000           | 13 <sup>20</sup>   |  |
| 16     | 0.0549            | 0.0405           | 0.0306           | 0.0243           | 0.0189           | 0.0144           | 0.0099               | 0.0054           | 0.0018           | —                | 0.12             | 0.09            | 1010           | 13 <sup>20</sup>   |  |
| 17     | 0.125             | 0.101            | 0.0854           | 0.0669           | 0.0465           | 0.0284           | 0.0184               | 0.00996          | 0.00284          | —                | 0.44             | 0.142           | 980            | 13 <sup>10</sup>   |  |
| 18     | 0.0494            | 0.0334           | 0.0224           | 0.0168           | 0.012            | 0.0085           | 0.00135              | —                | —                | —                | 0.20             | 0.0616          | 1040           | 13 <sup>10</sup>   |  |
| 19     | 0.170             | 0.0735           | 0.042            | 0.021            | 0.0105           | 0.0021           | —                    | —                | —                | —                | 0.84             | 0.21            | 1000           | 13 <sup>10</sup>   |  |
| 20     |                   |                  |                  |                  |                  |                  | прозо                |                  |                  |                  |                  |                 |                |                    |  |
| 21     | 0.0665            | 0.052            | 0.0421           | 0.0369           | 0.0313           | 0.0275           | 0.0229               | 0.0184           | 0.0122           | 0.00535          | 0.44             | 0.0765          | 1000           | 13 <sup>15</sup>   |  |
| 22     | 0.114             | 0.0904           | 0.072            | 0.0553           | 0.0419           | 0.031            | 0.0209               | 0.0094           | —                | —                | 1.34             | 0.131           | 1000           | 13 <sup>25</sup>   |  |
| 23     | 0.227             | 0.150            | 0.0863           | 0.0567           | 0.0363           | 0.0227           | 0.0114               | 0.0034           | —                | —                | 1.36             | 0.227           | 1020           | 13 <sup>20</sup>   |  |
| 24     | 0.098             | 0.0815           | 0.067            | 0.054            | 0.0396           | 0.0286           | 0.0209               | 0.0132           | 0.0055           | —                | 0.40             | 0.11            | 1000           | 13 <sup>20</sup>   |  |
| 25     | 0.077             | 0.063            | 0.0525           | 0.0437           | 0.035            | 0.0289           | 0.0219               | 0.0158           | 0.0088           | 0.00175          | 0.28             | 0.0875          | 1000           | 13 <sup>05</sup>   |  |
| 26     | 0.0775            | 0.0626           | 0.0515           | 0.0444           | 0.0378           | 0.0317           | 0.025                | 0.0198           | 0.0132           | 0.0054           | 0.14             | 0.086           | 1000           | 13 <sup>10</sup>   |  |
| 27     | 0.060             | 0.0552           | 0.0474           | 0.0396           | 0.0324           | 0.0264           | 0.021                | 0.015            | 0.0102           | 0.0048           | 0.18             | 0.06            | 1000           | 13 <sup>10</sup>   |  |
| 28     |                   |                  |                  |                  |                  |                  | прозо                |                  |                  |                  |                  |                 |                |                    |  |
| 29     | 0.0676            | 0.0541           | 0.0441           | 0.0358           | 0.0282           | 0.0206           | 0.0137               | 0.00839          | 0.0038           | —                | 0.32             | 0.076           | 1000           | 13 <sup>10</sup>   |  |
| 30     | 0.0729            | 0.0538           | 0.0454           | 0.0378           | 0.0312           | 0.025            | 0.0189               | 0.0132           | 0.0066           | —                | 0.17             | 0.0947          | 1000           | 13 <sup>05</sup>   |  |
| 31     | 0.0711            | 0.0567           | 0.0456           | 0.0384           | 0.0328           | 0.0272           | 0.0216               | 0.016            | 0.0096           | 0.0024           | 0.208            | 0.08            | 1000           | 13 <sup>35</sup>   |  |
| M      | 0.0919            | 0.0752           | 0.054            | 0.0452           | 0.0378           | 0.0288           | 0.0209               | 0.0141           | 0.0092           | 0.0054           | 0.41             | 0.11            |                |                    |  |
| мокс.  | 0.564             | 0.488            | 0.425            | 0.374            | 0.317            | 0.260            | 0.203                | 0.146            | 0.073            | 0.0147           | 1.36             | 0.634           |                |                    |  |
| мин.   | 0.0494            | 0.0334           | 0.0224           | 0.0168           | 0.0105           | 0.0021           | 0.00135              | 0.0025           | 0.0018           | 0.00175          | 0.12             | 0.060           |                |                    |  |
| учтено | 24                | 24               | 24               | 24               | 24               | 24               | 23                   | 22               | 16               | 7                | 24               | 24              |                |                    |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 1000 кГц

Станция Олма-Ота  
генераторное время 16 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub>        | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Σ <sub>пнк</sub> | Σ <sub>ап</sub> | частота<br>кГц | Время<br>час. мин. |
|--------|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      | Измерения не проводились |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 125                      | 87.1             | 62.8             | 40.6             | 28.9             | 21.0             | 15.0             | 8.72             | 1.95             | —                | 0.2              | 0.15            | 1030           | 16 <sup>20</sup>   |
| 3      | 127                      | 68.3             | 42.6             | 29.8             | 23.4             | 17.04            | 12.8             | 6.39             | 1.06             | —                | 0.64             | 0.213           | 1010           | 16 <sup>10</sup>   |
| 4      | 174                      | 133              | 112              | 94.6             | 81.0             | 65.6             | 52.1             | 36.6             | 21.2             | 3.86             | 0.42             | 0.193           | 1000           | 16 <sup>10</sup>   |
| 5      | 0.111                    | 0.0846           | 0.0681           | 0.0555           | 0.0467           | 0.0391           | 0.0303           | 0.0214           | 0.0126           | 0.00252          | 0.38             | 0.126           | 1000           | 16 <sup>10</sup>   |
| 6      | 0.114                    | 0.088            | 0.0704           | 0.0576           | 0.0466           | 0.0362           | 0.0283           | 0.0133           | 0.00534          | —                | 0.32             | 0.103           | 1000           | 16 <sup>30</sup>   |
| 7      | 0.087                    | 0.0676           | 0.0563           | 0.0483           | 0.0407           | 0.0343           | 0.0268           | 0.0214           | 0.0139           | 0.00535          | 0.160            | 0.107           | 1010           | 16 <sup>10</sup>   |
| 8      | нет за/за.               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 9      | 0.107                    | 0.0845           | 0.0624           | 0.049            | 0.0391           | 0.0305           | 0.0207           | 0.0098           | —                | —                | 0.58             | 0.122           | 1000           | 16 <sup>10</sup>   |
| 10     | 0.0249                   | 0.0179           | 0.0143           | 0.0115           | 0.0089           | 0.0066           | 0.00405          | 0.00146          | —                | —                | 0.06             | 0.03            | 1000           | 16 <sup>05</sup>   |
| 11     | 0.055                    | 0.0363           | 0.0247           | 0.0187           | 0.0137           | 0.0104           | 0.00714          | 0.0044           | 0.0022           | —                | 0.22             | 0.055           | 1010           | 16 <sup>10</sup>   |
| 12     | Измерения                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     | не                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     | проводились              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.0664                   | 0.0496           | 0.0392           | 0.032            | 0.024            | 0.0184           | 0.0128           | 0.0072           | 0.0016           | —                | 0.16             | 0.08            | 1000           | 16 <sup>10</sup>   |
| 16     | 0.0624                   | 0.0496           | 0.0408           | 0.0342           | 0.0285           | 0.0255           | 0.0208           | 0.0167           | 0.0121           | 0.0067           | 0.10             | 0.067           | 1000           | 16 <sup>10</sup>   |
| 17     | 0.0784                   | 0.0614           | 0.0499           | 0.0391           | 0.0284           | 0.0222           | 0.016            | 0.0089           | 0.00178          | —                | 0.20             | 0.089           | 1000           | 16 <sup>05</sup>   |
| 18     | 0.111                    | 0.0513           | 0.0174           | 0.0046           | —                | —                | —                | —                | —                | —                | 0.44             | 0.146           | 1000           | 16 <sup>10</sup>   |
| 19     | 0.0675                   | 0.0359           | 0.0256           | 0.0205           | 0.0161           | 0.0125           | 0.0088           | 0.00513          | 0.0022           | —                | 0.22             | 0.0733          | 1000           | 16 <sup>10</sup>   |
| 20     | 0.159                    | 0.127            | 0.108            | 0.0916           | 0.072            | 0.056            | 0.043            | 0.028            | 0.014            | —                | 0.30             | 0.187           | 1000           | 16 <sup>10</sup>   |
| 21     | 0.0151                   | 0.0122           | 0.0101           | 0.00756          | 0.00571          | 0.00454          | 0.0037           | 0.00269          | 0.00168          | 0.000504         | 0.14             | 0.0168          | 1000           | 16 <sup>10</sup>   |
| 22     | 0.0526                   | 0.040            | 0.0251           | 0.0183           | 0.0142           | 0.0109           | 0.00761          | 0.00468          | 0.0024           | —                | 0.16             | 0.0572          | 1000           | 16 <sup>05</sup>   |
| 23     | 1.940                    | 1.200            | 0.480            | 0.180            | 0.100            | —                | —                | —                | —                | —                | 6.0              | 2.0             | 1030           | 16 <sup>10</sup>   |
| 24     | 0.225                    | 0.182            | 0.150            | 0.130            | 0.110            | 0.0875           | 0.065            | 0.0425           | 0.020            | —                | 0.50             | 0.25            | 1000           | 16 <sup>10</sup>   |
| 25     | 0.0302                   | 0.0251           | 0.0209           | 0.0175           | 0.0144           | 0.012            | 0.00962          | 0.00721          | 0.00413          | 0.00104          | 0.206            | 0.0344          | 1000           | 16 <sup>05</sup>   |
| 26     | 0.113                    | 0.0796           | 0.0642           | 0.0528           | 0.0418           | 0.0321           | 0.0249           | 0.015            | 0.0061           | —                | 0.44             | 0.139           | 1040           | 16 <sup>05</sup>   |
| 27     | 0.0733                   | 0.0491           | 0.0374           | 0.0293           | 0.022            | 0.0161           | 0.011            | 0.0066           | 0.0022           | —                | 0.22             | 0.0733          | 1000           | 16 <sup>10</sup>   |
| 28     | 2.030                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 29     | 0.110                    | 0.0887           | 0.0712           | 0.0587           | 0.0487           | 0.0412           | 0.0337           | 0.025            | 0.015            | 0.00376          | 0.52             | 0.125           | 1000           | 16 <sup>10</sup>   |
| 30     | 0.089                    | 0.0687           | 0.0534           | 0.0411           | 0.0333           | 0.0276           | 0.0222           | 0.0164           | 0.00968          | 0.00278          | 0.26             | 0.111           | 1000           | 16 <sup>10</sup>   |
| 31     | 0.0651                   | 0.054            | 0.044            | 0.0346           | 0.0259           | 0.0192           | 0.0155           | 0.011            | 0.00517          | —                | 0.24             | 0.074           | 1000           | 16 <sup>05</sup>   |
| M      | 0.089                    | 0.0676           | 0.0499           | 0.0391           | 0.0292           | 0.0222           | 0.016            | 0.0088           | 0.00517          | 0.00376          | 0.24             | 0.111           |                |                    |
| макс.  | 1.94                     | 1.20             | 0.480            | 0.180            | 0.110            | 0.0875           | 0.065            | 0.0425           | 0.0212           | 0.0067           | 6.00             | 2.00            |                |                    |
| мин.   | 0.0151                   | 0.0123           | 0.0101           | 0.0046           | 0.00571          | 0.00454          | 0.0037           | 0.00146          | 0.00106          | 0.00104          | 0.06             | 0.0168          |                |                    |
| учтено | 25                       | 25               | 25               | 25               | 24               | 23               | 23               | 23               | 21               | 8                | 25               | 25              |                |                    |

Примеч. Значения V<sub>0,02</sub> - V<sub>0,9</sub> за 2-4 мая  
умножить на 10<sup>-3</sup>.

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

атмосферные радиопомехи

сводная таблица D(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 = 1000$  кгц

секретное время 19

Станция Арма-Ата  
долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$                | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{\text{плн}}$ | $\mathcal{E}_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------|----------------------------|---------------------------|----------------|--------------------|
| 1      |            |           |           |           |           | Измерения не проводились |           |           |           |           |                            |                           |                |                    |
| 2      | 208        | 159       | 126.5     | 107.2     | 96.3      | 82.0                     | 66.7      | 49.7      | 30.3      | 9.45      | 0.44                       | 0.248                     | 1050           | 19 <sup>06</sup>   |
| 3      | 102        | 76.1      | 61.8      | 51.9      | 41.9      | 33.0                     | 26.3      | 17.6      | 9.90      | 2.20      | 0.220                      | 0.110                     | 1010           | 19 <sup>10</sup>   |
| 4      | 22.2       | 17.5      | 14.4      | 11.7      | 9.5.0     | 7.6.3                    | 6.0.0     | 4.1.2     | 2.1.2     | -         | 0.500                      | 0.250                     | 1000           | 19 <sup>10</sup>   |
| 5      | 73.1       | 57.1      | 47.0      | 41.1      | 35.2      | 30.2                     | 25.2      | 19.3      | 12.6      | 5.89      | 0.216                      | 0.084                     | 1000           | 19 <sup>10</sup>   |
| 6      | 44.0       | 30.3      | 22.2      | 17.1      | 13.5      | 10.7                     | 8.2.0     | 5.2.2     | 2.2.5     | -         | 0.94                       | 0.512                     | 102.0          | 19 <sup>10</sup>   |
| 7      | 90.5       | 72.7      | 59.6      | 49.4      | 41.0      | 33.5                     | 27.0      | 20.4      | 14.0      | 6.52      | 0.280                      | 0.0933                    | 1010           | 19 <sup>10</sup>   |
| 8      | 27.0       | 21.0      | 16.6      | 13.2      | 9.6.0     | 6.6.0                    | 3.9.0     | 6.0.0     | -         | -         | 1.00                       | 0.3                       | 1010           | 19 <sup>10</sup>   |
| 9      | 12.3       | 9.5.5     | 7.4.6     | 6.2.2     | 5.1.1     | 4.0.0                    | 2.9.0.4   | 1.9.3     | 8.3.0     | -         | 0.58                       | 0.138                     | 1000           | 19 <sup>10</sup>   |
| 10     | 52.1       | 40.8      | 31.5      | 25.2      | 19.9      | 14.4                     | 6.00      | -         | -         | -         | 0.100                      | 0.060                     | 1000           | 19 <sup>08</sup>   |
| 11     | 50.0       | 36.0      | 27.0      | 23.0      | 19.0      | 15.5                     | 12.5      | 9.00      | 5.00      | -         | 0.100                      | 0.05                      | 1000           | 19 <sup>15</sup>   |
| 12     |            |           |           |           |           | Измерения не проводились |           |           |           |           |                            |                           |                |                    |
| 13     |            |           |           |           |           | Измерения не проводились |           |           |           |           |                            |                           |                |                    |
| 14     |            |           |           |           |           | Измерения не проводились |           |           |           |           |                            |                           |                |                    |
| 15     | 11.6       | 9.3.0     | 7.7.0     | 6.3.9     | 5.3.2     | 4.2.5                    | 3.3.2     | 2.2.6     | 9.9.7     | -         | 0.2                        | 0.133                     | 1000           | 19 <sup>10</sup>   |
| 16     | 12.8       | 9.2.7     | 7.2.0     | 5.6.0     | 4.4.8     | 3.5.2                    | 2.5.6     | 1.7.6     | 9.6.0     | 1.60      | 0.240                      | 0.160                     | 1000           | 19 <sup>10</sup>   |
| 17     | 8.6        | 7.0.1     | 5.4.5     | 4.1.9     | 3.8.1     | 2.6.3                    | 1.9.4.5   | 1.0.7     | 2.9.2     | -         | 0.68                       | 0.0975                    | 1000           | 19 <sup>10</sup>   |
| 18     | 8.9.8      | 6.5.1     | 4.8.0     | 3.5.2     | 2.7.5     | 2.2.4                    | 1.6.1     | 1.0.8     | 5.4.5     | -         | 2.4                        | 1.0.7                     | 1000           | 19 <sup>10</sup>   |
| 19     | 10.0.0     | 6.1.6     | 4.6.2     | 3.7.9     | 3.0.8     | 2.3.1                    | 1.6.5     | 9.9       | 4.4       | -         | 0.44                       | 0.11                      | 1000           | 19 <sup>10</sup>   |
| 20     | 13.3.5     | 10.8      | 8.8.5     | 7.5.0     | 6.2.2     | 4.8.0                    | 3.5.2     | 2.2.5     | 9.0.0     | -         | 0.3                        | 0.15                      | 1000           | 19 <sup>10</sup>   |
| 21     | 8.5.5      | 6.5.6     | 5.0.4     | 3.9.9     | 3.3.2     | 2.6.6                    | 1.9.9     | 1.2.3     | 2.8.5     | -         | 0.38                       | 0.095                     | 1000           | 19 <sup>10</sup>   |
| 22     | 3.7.8      | 2.4.9     | 1.7.7     | 6.7.5     | 3.1.5     | -                        | -         | -         | -         | -         | 5.4                        | 0.45                      | 1000           | 19 <sup>10</sup>   |
| 23     |            |           |           |           |           |                          |           |           |           |           |                            |                           |                |                    |
| 24     | 2.2.5      | 1.7.5     | 1.3.7     | 1.0.5     | 8.2.5     | 6.2.5                    | 4.2.5     | 2.2.5     | -         | -         | 0.6                        | 0.25                      | 1000           | 19 <sup>20</sup>   |
| 25     | 3.8.8      | 3.2.3     | 2.5.8     | 2.2.0     | 1.8.1     | 1.4.6                    | 1.1.6     | 8.6.4     | 4.3.1     | -         | 0.14                       | 0.0451                    | 1000           | 19 <sup>10</sup>   |
| 26     | 6.9.4      | 5.7.2     | 4.6.0     | 3.5.1     | 2.8.4     | 2.2.8                    | 1.7.8     | 1.2.6     | 7.0.1     | 1.1.7     | 0.2                        | 0.077                     | 1000           | 19 <sup>10</sup>   |
| 27     | 1.1.9      | 8.8.1     | 7.0.0     | 5.7.4     | 4.7.6     | 3.7.8                    | 2.8.0     | 1.8.6     | 9.8       | -         | 0.516                      | 0.140                     | 1000           | 19 <sup>10</sup>   |
| 28     | 1.5.7      | 1.3.1     | 1.1.3     | 1.0.3     | 8.6.4     | 7.0.2                    | 4.8.6     | 2.7.0     | 3.6.0     | -         | 0.9                        | 0.18                      | 1000           | 19 <sup>10</sup>   |
| 29     | 7.0.4      | 5.7.5     | 4.6.4     | 4.0.0     | 3.3.6     | 2.8.8                    | 2.2.4     | 1.6.8     | 8.8.0     | -         | 0.36                       | 0.08                      | 1000           | 19 <sup>10</sup>   |
| 30     | 1.6.5      | 1.2.0     | 9.3.2     | 7.5.3     | 6.1.2     | 4.8.6                    | 3.5.3     | 2.1.8     | 1.1.7     | 1.9.4     | 0.521                      | 0.194                     | 1000           | 19 <sup>10</sup>   |
| 31     |            |           |           |           |           | Измерен. не провод.      |           |           |           |           |                            |                           |                |                    |
| M      | 11.6       | 9.2.7     | 7.2.0     | 5.7.4     | 4.4.8     | 3.6.5                    | 2.7.5     | 1.9.3     | 9.6.0     | 2.2.0     | 0.44                       | 0.138                     |                |                    |
| макс.  | 8.9.8      | 6.5.1     | 4.8.0     | 3.5.2     | 2.7.5     | 2.2.4                    | 1.6.1     | 1.0.8     | 5.4.5     | 9.4.5     | 5.4                        | 1.0.7                     |                |                    |
| мин.   | 3.8.8      | 3.2.3     | 2.5.8     | 2.2.0     | 1.8.1     | 1.4.4                    | 6.0.0     | 6.0.0     | 2.8.5     | 1.1.7     | 0.1                        | 0.0431                    |                |                    |
| учтено | 2.5        | 2.5       | 2.5       | 2.5       | 2.5       | 2.4                      | 2.4       | 2.3       | 2.1       | 7         | 2.5                        | 2.5                       |                |                    |

Примеч. Все значения  $V_{0,02}-V_{0,9} \times 10^{-3}$

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица D(V)

Характеристика  $V_p$  мкВ/м

$f_0 = 1000$  кгц

Станция Алма-Ата  
 секретное время 22 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub>         | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнк</sub> | Э <sub>ап</sub> | частота<br>гц | Время<br>час. мин. |  |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|------------------|------------------|------------------|------------------|-----------------|---------------|--------------------|--|
| 1      |                   |                  |                  |                  |                  |                  | Измерения не проводились |                  |                  |                  |                  |                 |               |                    |  |
| 2      | 0.338             | 0.240            | 0.181            | 0.145            | 0.122            | 0.102            | 0.0905                   | 0.063            | 0.0362           | —                | 1.40             | 0.393           | 1030          | 22 <sup>10</sup>   |  |
| 3      | 0.061             | 0.047            | 0.0338           | 0.0335           | 0.0288           | 0.0234           | 0.0187                   | 0.014            | 0.00936          | 0.00268          | 0.47             | 0.067           | 1030          | 22 <sup>10</sup>   |  |
| 4      | 0.284             | 0.228            | 0.191            | 0.158            | 0.125            | 0.0924           | 0.074                    | 0.043            | 0.0165           | —                | 1.1              | 0.33            | 1010          | 22 <sup>10</sup>   |  |
| 5      | 0.102             | 0.0785           | 0.0623           | 0.0496           | 0.0404           | 0.0322           | 0.0254                   | 0.0184           | 0.0104           | 0.0023           | 0.28             | 0.115           | 1000          | 22 <sup>10</sup>   |  |
| 6      | 0.236             | 0.177            | 0.142            | 0.119            | 0.0985           | 0.0776           | 0.0626                   | 0.0493           | 0.0343           | 0.0247           | 0.70             | 0.274           | 1000          | 22 <sup>15</sup>   |  |
| 7      | 0.085             | 0.058            | 0.043            | 0.033            | 0.026            | 0.019            | 0.013                    | 0.007            | 0.002            | —                | 0.20             | 0.10            | 1030          | 22 <sup>10</sup>   |  |
| 8      | 0.773             | 0.595            | 0.487            | 0.417            | 0.363            | 0.301            | 0.232                    | 0.162            | 0.085            | —                | 1.7              | 0.773           | 960           | 22 <sup>10</sup>   |  |
| 9      | 0.118             | 0.0995           | 0.0816           | 0.064            | 0.049            | 0.0408           | 0.0313                   | 0.0204           | 0.0096           | —                | 0.68             | 0.136           | 1000          | 22 <sup>10</sup>   |  |
| 10     | 0.102             | 0.0762           | 0.0582           | 0.0449           | 0.0317           | 0.0212           | 0.0138                   | 0.0057           | —                | —                | 0.34             | 0.121           | 1020          | 22 <sup>10</sup>   |  |
| 11     | 0.057             | 0.042            | 0.033            | 0.027            | 0.0216           | 0.0168           | 0.0126                   | 0.0084           | 0.0048           | 0.0006           | 0.12             | 0.06            | 1000          | 22 <sup>10</sup>   |  |
| 12     |                   |                  |                  |                  |                  |                  | Измерения                |                  |                  |                  |                  |                 |               |                    |  |
| 13     |                   |                  |                  |                  |                  |                  | не                       |                  |                  |                  |                  |                 |               |                    |  |
| 14     |                   |                  |                  |                  |                  |                  | проводились              |                  |                  |                  |                  |                 |               |                    |  |
| 15     | 0.108             | 0.0864           | 0.0684           | 0.0576           | 0.0384           | 0.0276           | 0.0204                   | 0.012            | 0.0048           | —                | 0.20             | 0.12            | 1000          | 22 <sup>10</sup>   |  |
| 16     | 2.100             | 1.690            | 1.26             | 1.05             | 0.861            | 0.714            | 0.567                    | 0.420            | 0.252            | —                | 8.40             | 2.10            | 960           | 22 <sup>10</sup>   |  |
| 17     | 0.129             | 0.104            | 0.0846           | 0.0686           | 0.0574           | 0.0472           | 0.0372                   | 0.0271           | 0.0143           | 0.00286          | 0.60             | 0.143           | 1000          | 22 <sup>15</sup>   |  |
| 18     | 0.125             | 0.0841           | 0.0634           | 0.0495           | 0.0397           | 0.0296           | 0.020                    | 0.0118           | 0.00323          | —                | 2.8              | 1.47            | 960           | 22 <sup>30</sup>   |  |
| 19     | 0.142             | 0.105            | 0.0801           | 0.0635           | 0.0484           | 0.0367           | 0.0267                   | 0.0167           | 0.0102           | 0.00167          | 0.50             | 0.167           | 970           | 22 <sup>10</sup>   |  |
| 20     | 0.308             | 0.254            | 0.212            | 0.177            | 0.149            | 0.119            | 0.0885                   | 0.053            | 0.023            | —                | 0.46             | 0.354           | 1000          | 22 <sup>20</sup>   |  |
| 21     | 0.241             | 0.192            | 0.145            | 0.123            | 0.104            | 0.0876           | 0.0685                   | 0.0494           | 0.0274           | 0.0082           | 0.86             | 0.274           | 1000          | 22 <sup>10</sup>   |  |
| 22     | 1.28              | 0.786            | 0.547            | 0.371            | 0.143            | —                | —                        | —                | —                | —                | 40.0             | 1.43            | 1020          | 22 <sup>10</sup>   |  |
| 23     | 2.02              | 1.45             | 0.770            | 0.374            | 0.176            | 0.044            | —                        | —                | —                | —                | 8.80             | 2.20            | 1030          | 22 <sup>10</sup>   |  |
| 24     | 0.230             | 0.184            | 0.157            | 0.134            | 0.111            | 0.0896           | 0.064                    | 0.0384           | 0.0141           | —                | 0.60             | 0.256           | 1000          | 22 <sup>10</sup>   |  |
| 25     | 0.0886            | 0.0694           | 0.0559           | 0.0424           | 0.0346           | 0.0298           | 0.0241                   | 0.0173           | 0.00964          | 0.00193          | 0.22             | 0.0964          | 980           | 22 <sup>15</sup>   |  |
| 26     | 0.163             | 0.130            | 0.104            | 0.0841           | 0.0669           | 0.0536           | 0.0437                   | 0.0342           | 0.0228           | 0.0095           | 0.40             | 0.19            | 1000          | 22 <sup>15</sup>   |  |
| 27     | 1.600             | 1.150            | 0.591            | 0.266            | 0.112            | 0.032            | —                        | —                | —                | —                | 4.80             | 1.6             | 1000          | 22 <sup>10</sup>   |  |
| 28     | 0.568             | 0.470            | 0.396            | 0.344            | 0.291            | 0.238            | 0.185                    | 0.126            | 0.0794           | 0.0264           | 1.5              | 0.662           | 960           | 22 <sup>10</sup>   |  |
| 29     | 0.123             | 0.098            | 0.0812           | 0.0672           | 0.056            | 0.0462           | 0.0364                   | 0.028            | 0.0168           | 0.007            | 0.46             | 0.14            | 980           | 22 <sup>05</sup>   |  |
| 30     | 0.266             | 0.194            | 0.154            | 0.122            | 0.0982           | 0.0779           | 0.0677                   | 0.0404           | 0.0266           | 0.0115           | 0.60             | 0.288           | 1000          | 22 <sup>10</sup>   |  |
| 31     | 0.458             | 0.374            | 0.298            | 0.250            | 0.213            | 0.176            | 0.139                    | 0.101            | 0.064            | 0.0213           | 0.80             | 0.533           | 960           | 12.20              |  |
| M      | 0.230             | 0.177            | 0.142            | 0.119            | 0.0982           | 0.0467           | 0.0404                   | 0.0311           | 0.0165           | 0.007            | 0.60             | 0.274           |               |                    |  |
| макс.  | 2.1               | 1.59             | 1.26             | 1.05             | 0.861            | 0.714            | 0.567                    | 0.420            | 0.252            | 0.0264           | 40.0             | 2.2             |               |                    |  |
| мин.   | 0.057             | 0.042            | 0.033            | 0.027            | 0.0216           | 0.0168           | 0.0126                   | 0.0057           | 0.002            | 0.0006           | 0.12             | 0.06            |               |                    |  |
| учтено | 27                | 27               | 27               | 27               | 27               | 26               | 24                       | 24               | 23               | 13               | 27               | 27              |               |                    |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Свободная таблица D(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  2500 кГц

Станция Алма-Ата  
 секретное время 01 долгота 76°56'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$           | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{\text{пнк}}$ | $\mathcal{E}_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|---------------------|-----------|-----------|-----------|-----------|----------------------------|---------------------------|----------------|--------------------|
| 1      | 0.167      | 0.141     | 0.122     | 0.108     | 0.0971    | 0.0856              | 0.0741    | 0.0628    | 0.0495    | 0.0247    | 0.38                       | 0.19                      | 2500           | 01 <sup>20</sup>   |
| 2      |            |           |           |           |           | Измерен. не провод. |           |           |           |           |                            |                           |                |                    |
| 3      | 0.4051     | 0.333     | 0.287     | 0.246     | 0.213     | 0.182               | 0.147     | 0.111     | 0.0783    | 0.0365    | 1.2                        | 0.445                     | 2500           | 01 <sup>20</sup>   |
| 4      | 0.085      | 0.050     | 0.031     | 0.022     | 0.017     | 0.013               | 0.009     | 0.006     | 0.003     | —         | 0.20                       | 0.10                      | 2450           | 01 <sup>25</sup>   |
| 5      | 0.497      | 0.409     | 0.332     | 0.260     | 0.196     | 0.133               | 0.0884    | 0.0442    | 0.012     | —         | 1.66                       | 0.533                     | 2500           | 01 <sup>20</sup>   |
| 6      | 0.152      | 0.129     | 0.110     | 0.094     | 0.0797    | 0.0674              | 0.0549    | 0.0425    | 0.0283    | 0.0141    | 0.34                       | 0.177                     | 2500           | 01 <sup>20</sup>   |
| 7      | 0.186      | 0.149     | 0.120     | 0.0982    | 0.0809    | 0.0654              | 0.0506    | 0.0361    | 0.0207    | 0.00476   | 0.58                       | 0.207                     | 2500           | 01 <sup>20</sup>   |
| 8      | 0.414      | 0.301     | 0.234     | 0.184     | 0.144     | 0.108               | 0.0766    | 0.045     | 0.018     | —         | 0.900                      | 0.45                      | 2500           | 01 <sup>15</sup>   |
| 9      | 0.560      | 0.358     | 0.285     | 0.232     | 0.190     | 0.145               | 0.106     | 0.0616    | 0.0168    | —         | 1.9                        | 0.56                      | 2500           | 01 <sup>30</sup>   |
| 10     | 0.172      | 0.140     | 0.119     | 0.0996    | 0.0879    | 0.0781              | 0.0645    | 0.0526    | 0.0371    | 0.0176    | 0.56                       | 0.185                     | 2500           | 01 <sup>15</sup>   |
| 11     |            |           |           |           |           | помехи              |           |           |           |           |                            |                           |                |                    |
| 12     | 0.257      | 0.210     | 0.177     | 0.149     | 0.128     | 0.108               | 0.0874    | 0.0694    | 0.0489    | 0.0257    | 0.514                      | 0.257                     | 2500           | 01 <sup>25</sup>   |
| 13     |            |           |           |           |           | Измерения           |           |           |           |           |                            |                           |                |                    |
| 14     |            |           |           |           |           |                     |           |           |           |           |                            |                           |                |                    |
| 15     |            |           |           |           |           |                     |           |           |           |           |                            |                           |                |                    |
| 16     | 0.615      | 0.493     | 0.393     | 0.314     | 0.236     | 0.175               | 0.121     | 0.0786    | 0.0322    | —         | 2.0                        | 0.715                     | 2500           | 01 <sup>30</sup>   |
| 17     | 0.414      | 0.262     | 0.173     | 0.129     | 0.102     | 0.0799              | 0.0621    | 0.0444    | 0.0266    | 0.00888   | 0.80                       | 0.441                     | 2490           | 01 <sup>25</sup>   |
| 18     | 0.188      | 0.154     | 0.131     | 0.118     | 0.105     | 0.0929              | 0.0781    | 0.0634    | 0.0444    | 0.0232    | 0.44                       | 0.211                     | 2500           | 01 <sup>15</sup>   |
| 19     | 0.0832     | 0.063     | 0.0529    | 0.0462    | 0.0401    | 0.0348              | 0.0296    | 0.0248    | 0.0196    | 0.0138    | 0.24                       | 0.0925                    | 2500           | 01 <sup>20</sup>   |
| 20     | 0.384      | 0.292     | 0.238     | 0.200     | 0.169     | 0.146               | 0.123     | 0.100     | 0.069     | 0.0307    | 0.96                       | 0.384                     | 2500           | 01 <sup>25</sup>   |
| 21     | 0.129      | 0.105     | 0.090     | 0.0735    | 0.0615    | 0.048               | 0.036     | 0.024     | 0.012     | —         | 0.30                       | 0.16                      | 2500           | 01 <sup>30</sup>   |
| 22     | 0.157      | 0.123     | 0.104     | 0.0895    | 0.077     | 0.0661              | 0.0555    | 0.0412    | 0.0251    | 0.00538   | 0.46                       | 0.179                     | 2500           | 01 <sup>25</sup>   |
| 23     | 0.317      | 0.196     | 0.120     | 0.0565    | 0.0144    | —                   | —         | —         | —         | —         | 1.72                       | 0.344                     | 2500           | 01 <sup>20</sup>   |
| 24     | 0.346      | 0.212     | 0.166     | 0.144     | 0.122     | 0.104               | 0.0829    | 0.0649    | 0.0468    | 0.0216    | 0.60                       | 0.36                      | 2500           | 01 <sup>20</sup>   |
| 25     | 0.510      | 0.415     | 0.354     | 0.320     | 0.249     | 0.191               | 0.138     | 0.0886    | 0.0388    | —         | 1.8                        | 0.554                     | 2550           | 01 <sup>30</sup>   |
| 26     | 0.108      | 0.088     | 0.0695    | 0.0583    | 0.0521    | 0.0446              | 0.0372    | 0.0285    | 0.0186    | 0.00869   | 0.30                       | 0.124                     | 2400           | 01 <sup>20</sup>   |
| 27     | 0.469      | 0.319     | 0.242     | 0.193     | 0.149     | 0.106               | 0.0785    | 0.056     | 0.0346    | 0.0161    | 0.98                       | 0.559                     | 2500           | 01 <sup>25</sup>   |
| 28     | 1.01       | 0.516     | 0.300     | 0.204     | 0.144     | 0.096               | 0.060     | 0.024     | —         | —         | 2.40                       | 1.20                      | 2480           | 01 <sup>25</sup>   |
| 29     | 0.133      | 0.111     | 0.0945    | 0.081     | 0.0675    | 0.0525              | 0.0375    | 0.021     | 0.0075    | 0.0016    | 0.40                       | 0.15                      | 2500           | 01 <sup>30</sup>   |
| 30     | 0.416      | 0.333     | 0.269     | 0.218     | 0.185     | 0.157               | 0.130     | 0.0974    | 0.065     | 0.0278    | 0.80                       | 0.464                     | 2500           | 01 <sup>30</sup>   |
| 31     | 0.378      | 0.212     | 0.156     | 0.117     | 0.0935    | 0.0757              | 0.0576    | 0.0382    | 0.0206    | —         | 0.56                       | 0.42                      | 2500           | 01 <sup>20</sup>   |
| M      | 0.375      | 0.211     | 0.161     | 0.124     | 0.104     | 0.0929              | 0.0741    | 0.045     | 0.0258    | 0.0164    | 0.59                       | 0.352                     |                |                    |
| макс.  | 1.01       | 0.516     | 0.393     | 0.32      | 0.249     | 0.191               | 0.147     | 0.111     | 0.0783    | 0.0365    | 2.4                        | 1.2                       |                |                    |
| мин.   | 0.0832     | 0.050     | 0.031     | 0.022     | 0.0144    | 0.013               | 0.009     | 0.006     | 0.003     | 0.0015    | 0.2                        | 0.0925                    |                |                    |
| учтено | 26         | 26        | 26        | 26        | 26        | 25                  | 25        | 25        | 24        | 16        | 26                         | 26                        |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 2500 кгц

Станция Алма - Ата  
секретное время 04 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub>    | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнч</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      | 0.181             | 0.151            | 0.130            | 0.116            | 0.105            | 0.0846              | 0.084            | 0.0694           | 0.0525           | 0.0252           | 0.40             | 0.21            | 2500           | 0425               |
| 2      |                   |                  |                  |                  |                  | Измерен. не пробог. |                  |                  |                  |                  |                  |                 |                |                    |
| 3      | 0.150             | 0.115            | 0.0867           | 0.0669           | 0.0511           | 0.0388              | 0.021            | 0.0114           | 0.0175           | —                | 0.482            | 0.175           | 2500           | 0415               |
| 4      | 0.301             | 0.201            | 0.152            | 0.126            | 0.111            | 0.104               | 0.0974           | 0.0876           | 0.0714           | 0.0486           | 0.972            | 0.324           | 2500           | 0420               |
| 5      | 0.402             | 0.321            | 0.258            | 0.219            | 0.175            | 0.131               | 0.0846           | 0.059            | 0.0284           | —                | 0.80             | 0.473           | 2500           | 0430               |
| 6      | 0.167             | 0.140            | 0.122            | 0.104            | 0.0914           | 0.0799              | 0.0646           | 0.0495           | 0.0342           | 0.0152           | 0.201            | 0.190           | 2500           | 0420               |
| 7      | 0.124             | 0.105            | 0.0905           | 0.0762           | 0.063            | 0.0533              | 0.0422           | 0.0349           | 0.0253           | 0.0139           | 0.20             | 0.133           | 2500           | 0425               |
| 8      | 0.165             | 0.117            | 0.0936           | 0.0783           | 0.068            | 0.0596              | 0.0494           | 0.0408           | 0.0306           | 0.017            | 0.34             | 0.17            | 2500           | 0425               |
| 9      | 0.209             | 0.159            | 0.129            | 0.110            | 0.092            | 0.076               | 0.0575           | 0.038            | 0.0184           | —                | 0.60             | 0.23            | 2500           | 0420               |
| 10     | 0.158             | 0.126            | 0.101            | 0.0811           | 0.0667           | 0.0576              | 0.0469           | 0.036            | 0.0252           | 0.0126           | 0.276            | 0.18            | 2500           | 0415               |
| 11     | 0.220             | 0.133            | 0.102            | 0.0808           | 0.0605           | 0.0459              | 0.0341           | 0.0217           | 0.0096           | —                | 0.66             | 0.31            | 2500           | 0425               |
| 12     | 0.138             | 0.109            | 0.0845           | 0.0795           | 0.0675           | 0.0555              | 0.045            | 0.0345           | 0.0225           | 0.006            | 0.30             | 0.15            | 2500           | 0425               |
| 13     |                   |                  |                  |                  |                  | Измерения           |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  | не                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     |                   |                  |                  |                  |                  | пробогутись         |                  |                  |                  |                  |                  |                 |                |                    |
| 16     | 0.734             | 0.598            | 0.480            | 0.370            | 0.295            | 0.228               | 0.169            | 0.118            | 0.0675           | 0.00843          | 1.5              | 0.843           | 2460           | 0430               |
| 17     | 0.433             | 0.276            | 0.184            | 0.124            | 0.0827           | 0.0551              | 0.0322           | 0.0188           | —                | —                | 0.92             | 0.46            | 2450           | 0420               |
| 18     | 0.0227            | 0.0184           | 0.0151           | 0.0125           | 0.0105           | 0.0087              | 0.00665          | 0.00486          | 0.00282          | 0.00052          | 0.16             | 0.0256          | 2400           | 0415               |
| 19     | 0.278             | 0.215            | 0.179            | 0.154            | 0.128            | 0.103               | 0.078            | 0.053            | 0.0312           | 0.00624          | 0.78             | 0.312           | 2500           | 0415               |
| 20     | 0.184             | 0.110            | 0.0684           | 0.0513           | 0.0436           | 0.0342              | 0.0247           | 0.0171           | 0.0095           | —                | 0.38             | 0.19            | 2460           | 0415               |
| 21     | 0.360             | 0.288            | 0.212            | 0.164            | 0.124            | 0.084               | 0.044            | —                | —                | —                | 1.0              | 0.40            | 2500           | 0430               |
| 22     | 0.188             | 0.142            | 0.114            | 0.0935           | 0.0793           | 0.0671              | 0.0519           | 0.0406           | —                | —                | 0.54             | 0.203           | 2500           | 0420               |
| 23     | 0.148             | 0.121            | 0.0996           | 0.085            | 0.0672           | 0.0591              | 0.0462           | 0.0338           | 0.0187           | 0.0034           | 0.34             | 0.17            | 2450           | 0415               |
| 24     | 0.511             | 0.308            | 0.198            | 0.137            | 0.0985           | 0.0605              | 0.023            | 0.0165           | —                | —                | 2.20             | 0.55            | 2450           | 0420               |
| 25     | 0.142             | 0.104            | 0.0852           | 0.0726           | 0.0632           | 0.0514              | 0.0411           | 0.030            | 0.0174           | —                | 0.60             | 0.158           | 2500           | 0420               |
| 26     | 0.0791            | 0.0639           | 0.053            | 0.0459           | 0.0387           | 0.0333              | 0.027            | 0.0198           | 0.0135           | 0.00539          | 0.225            | 0.090           | 2500           | 0415               |
| 27     | 0.208             | 0.159            | 0.116            | 0.0896           | 0.0704           | 0.0547              | 0.0429           | 0.0291           | 0.0167           | 0.00242          | 0.38             | 0.242           | 2500           | 0420               |
| 28     |                   |                  |                  |                  |                  | Измерен. не пробог. |                  |                  |                  |                  |                  |                 |                |                    |
| 29     | 0.493             | 0.304            | 0.832            | 0.285            | 0.236            | 0.189               | 0.137            | 0.0904           | 0.0493           | 0.0109           | 1.04             | 0.548           | 2500           | 0420               |
| 30     | 0.169             | 0.142            | 0.122            | 0.105            | 0.0891           | 0.0795              | 0.0699           | 0.0581           | 0.0407           | 0.0155           | 0.68             | 0.194           | 2500           | 0430               |
| 31     | 0.311             | 0.252            | 0.210            | 0.176            | 0.147            | 0.119               | 0.095            | 0.0736           | 0.0512           | 0.0279           | 0.70             | 0.35            | 2500           | 0425               |
| M      | 0.186             | 0.142            | 0.118            | 0.0988           | 0.081            | 0.060               | 0.0466           | 0.036            | 0.0252           | 0.0118           | 0.57             | 0.206           |                |                    |
| макс.  | 0.734             | 0.598            | 0.48             | 0.37             | 0.295            | 0.228               | 0.169            | 0.118            | 0.0714           | 0.0486           | 2.20             | 0.843           |                |                    |
| мин.   | 0.0227            | 0.0184           | 0.0151           | 0.0125           | 0.0105           | 0.0087              | 0.00665          | 0.00486          | 0.00282          | 0.00052          | 0.16             | 0.0256          |                |                    |
| учтено | 26                | 26               | 26               | 26               | 26               | 26                  | 26               | 25               | 22               | 16               | 26               | 26              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица D(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 2500 кгц

секретное время 07

долгота 76°55'E

Станция Алма-Ата

широта 43°15'N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub>    | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнк</sub> | Э <sub>оп</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      | 0.116             | 0.0321           | 0.0774           | 0.0654           | 0.0586           | 0.0506              | 0.0426           | 0.032            | 0.0213           | 0.00666          | 0.50             | 0.133           | 2500           | 07 <sup>45</sup>   |
| 2      |                   |                  |                  |                  |                  | Измерен. не пробог. |                  |                  |                  |                  |                  |                 |                |                    |
| 3      | 0.151             | 0.111            | 0.0865           | 0.0692           | 0.0554           | 0.0428              | 0.0296           | 0.0137           | —                | —                | 0.26             | 0.173           | 2500           | 07 <sup>25</sup>   |
| 4      | 0.154             | 0.129            | 0.110            | 0.0956           | 0.0849           | 0.074               | 0.0616           | 0.0508           | 0.0339           | 0.0262           | 0.211            | 0.154           | 2500           | 07 <sup>25</sup>   |
| 5      | 0.138             | 0.113            | 0.0873           | 0.084            | 0.0722           | 0.0597              | 0.0495           | 0.0377           | 0.0252           | 0.0102           | 0.20             | 0.157           | 2500           | 07 <sup>32</sup>   |
| 6      | 0.0667            | 0.0466           | 0.0396           | 0.0352           | 0.0321           | 0.0283              | 0.0233           | 0.0189           | 0.0132           | 0.00694          | 0.112            | 0.063           | 2500           | 07 <sup>42</sup>   |
| 7      | 0.0657            | 0.0481           | 0.0391           | 0.0325           | 0.0265           | 0.0221              | 0.0188           | 0.0156           | 0.0124           | 0.0078           | 0.10             | 0.082           | 2500           | 07 <sup>30</sup>   |
| 8      | 0.140             | 0.112            | 0.0911           | 0.0771           | 0.0645           | 0.0546              | 0.0462           | 0.0378           | 0.028            | 0.0168           | 0.200            | 0.140           | 2500           | 07 <sup>30</sup>   |
| 9      | 0.444             | 0.361            | 0.278            | 0.214            | 0.175            | 0.134               | 0.098            | 0.0516           | 0.0103           | —                | 1.2              | 0.516           | 2500           | 07 <sup>30</sup>   |
| 10     | 0.080             | 0.064            | 0.053            | 0.0459           | 0.0404           | 0.0341              | 0.0287           | 0.0224           | 0.0152           | 0.0064           | 0.155            | 0.09            | 2500           | 07 <sup>15</sup>   |
| 11     | 0.0756            | 0.0504           | 0.0406           | 0.0353           | 0.0319           | 0.0279              | 0.0225           | 0.0162           | 0.0101           | 0.00188          | 0.12             | 0.09            | 2500           | 07 <sup>45</sup>   |
| 12     | 0.150             | 0.112            | 0.093            | 0.081            | 0.0705           | 0.060               | 0.0495           | 0.0405           | 0.030            | 0.016            | 0.20             | 0.15            | 2500           | 07 <sup>30</sup>   |
| 13     |                   |                  |                  |                  |                  | Измерения           |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  | не                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     |                   |                  |                  |                  |                  | пробоглисс          |                  |                  |                  |                  |                  |                 |                |                    |
| 16     | 0.250             | 0.200            | 0.167            | 0.138            | 0.112            | 0.091               | 0.0706           | 0.0558           | 0.0352           | 0.0117           | 0.40             | 0.294           | 2500           | 07 <sup>42</sup>   |
| 17     | 0.102             | 0.0857           | 0.0714           | 0.0612           | 0.052            | 0.045               | 0.0378           | 0.0306           | 0.0224           | 0.0142           | 0.154            | 0.102           | 2500           | 07 <sup>30</sup>   |
| 18     | 0.0925            | 0.076            | 0.0624           | 0.053            | 0.0457           | 0.0395              | 0.0322           | 0.0239           | 0.0166           | 0.00729          | 0.142            | 0.104           | 2500           | 07 <sup>15</sup>   |
| 19     | 0.090             | 0.0695           | 0.0578           | 0.0489           | 0.0409           | 0.0348              | 0.0286           | 0.0222           | 0.0152           | 0.0069           | 0.16             | 0.10            | 2500           | 07 <sup>30</sup>   |
| 20     | 0.056             | 0.0481           | 0.0408           | 0.0352           | 0.0308           | 0.0263              | 0.0218           | 0.0173           | 0.0129           | 0.00729          | 0.088            | 0.056           | 2500           | 07 <sup>30</sup>   |
| 21     | 0.258             | 0.210            | 0.174            | 0.147            | 0.114            | 0.090               | 0.069            | 0.048            | 0.024            | —                | 0.50             | 0.30            | 2500           | 07 <sup>30</sup>   |
| 22     | 0.104             | 0.0795           | 0.0655           | 0.055            | 0.0456           | 0.0374              | 0.0292           | 0.021            | 0.0129           | 0.00351          | 0.38             | 0.117           | 2500           | 07 <sup>35</sup>   |
| 23     | 0.106             | 0.0806           | 0.0794           | 0.0577           | 0.0492           | 0.0408              | 0.0321           | 0.023            | 0.0134           | 0.00216          | 0.20             | 0.12            | 2500           | 07 <sup>30</sup>   |
| 24     | 0.0625            | 0.0494           | 0.0406           | 0.0344           | 0.0288           | 0.0244              | 0.020            | 0.0162           | 0.0119           | 0.00625          | 0.0917           | 0.0625          | 2500           | 07 <sup>30</sup>   |
| 25     | 0.396             | 0.334            | 0.287            | 0.250            | 0.210            | 0.172               | 0.144            | 0.099            | 0.0612           | 0.0141           | 0.74             | 0.471           | 2500           | 07 <sup>30</sup>   |
| 26     | 0.0935            | 0.0776           | 0.0672           | 0.0589           | 0.0484           | 0.0399              | 0.0336           | 0.0273           | 0.0189           | 0.00841          | 0.148            | 0.105           | 2500           | 07 <sup>35</sup>   |
| 27     | 0.126             | 0.097            | 0.071            | 0.0574           | 0.0468           | 0.0364              | 0.0265           | 0.0162           | 0.0059           | —                | 0.22             | 0.147           | 2500           | 07 <sup>35</sup>   |
| 28     | 0.100             | 0.083            | 0.060            | 0.047            | 0.038            | 0.029               | 0.021            | 0.014            | 0.007            | —                | 0.20             | 0.10            | 2500           | 07 <sup>30</sup>   |
| 29     | 0.156             | 0.127            | 0.106            | 0.0841           | 0.070            | 0.0573              | 0.0447           | 0.0322           | 0.0161           | 0.0018           | 0.30             | 0.179           | 2500           | 07 <sup>30</sup>   |
| 30     | 0.0854            | 0.070            | 0.0605           | 0.0536           | 0.0479           | 0.0412              | 0.0355           | 0.0288           | 0.0201           | 0.0106           | 0.141            | 0.096           | 2200           | 07 <sup>15</sup>   |
| 31     | 0.0738            | 0.0583           | 0.0491           | 0.0424           | 0.0366           | 0.0314              | 0.0264           | 0.0214           | 0.0164           | 0.0098           | 0.10             | 0.082           | 2500           | 07 <sup>30</sup>   |
| M      | 0.104             | 0.083            | 0.071            | 0.0577           | 0.0484           | 0.0408              | 0.0322           | 0.0239           | 0.0162           | 0.00754          | 0.20             | 0.117           |                |                    |
| макс.  | 0.444             | 0.361            | 0.287            | 0.250            | 0.210            | 0.172               | 0.144            | 0.099            | 0.0612           | 0.0262           | 1.20             | 0.516           |                |                    |
| мин.   | 0.056             | 0.0406           | 0.0391           | 0.325            | 0.0265           | 0.0221              | 0.0188           | 0.0137           | 0.00588          | 0.0018           | 0.088            | 0.056           |                |                    |
| учтено | 27                | 27               | 27               | 27               | 27               | 27                  | 27               | 27               | 26               | 22               | 27               | 27              |                |                    |

Составил

Проверил

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица  $D(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  2500 кГц

Станция Олма-Ола  
секретное время 10 долгота 76°56' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$                | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\delta_{\text{пнк}}$ | $\delta_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |  |
|--------|------------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|--|
| 1      |            |           |           |           |           |           | Измерения не проводились |           |           |           |                       |                      |                |                    |  |
| 2      | 0.220      | 0.177     | 0.156     | 0.144     | 0.135     | 0.126     | 0.118                    | 0.110     | 0.101     | 0.0905    | 1.44                  | 0.262                | 2500           | 10 <sup>15</sup>   |  |
| 3      | 0.133      | 0.109     | 0.092     | 0.080     | 0.0692    | 0.060     | 0.0506                   | 0.0413    | 0.0299    | 0.0199    | 0.183                 | 0.133                | 2500           | 10 <sup>20</sup>   |  |
| 4      | 0.486      | 0.346     | 0.254     | 0.178     | 0.130     | 0.0918    | 0.064                    | 0.0162    | —         | —         | 1.8                   | 0.54                 | 2500           | 10 <sup>30</sup>   |  |
| 5      | 0.461      | 0.367     | 0.315     | 0.272     | 0.236     | 0.199     | 0.163                    | 0.131     | 0.0895    | 0.042     | 0.774                 | 0.525                | 2500           | 10 <sup>15</sup>   |  |
| 6      | 0.167      | 0.120     | 0.0934    | 0.073     | 0.053     | 0.0382    | 0.0272                   | 0.0196    | 0.012     | 0.0049    | 0.25                  | 0.196                | 2500           | 10 <sup>25</sup>   |  |
| 7      | 0.320      | 0.218     | 0.178     | 0.127     | 0.102     | 0.0864    | 0.066                    | 0.0507    | 0.0304    | 0.00507   | 1.52                  | 0.507                | 2500           | 10 <sup>25</sup>   |  |
| 8      |            |           |           |           |           |           | Нет эр/эл.               |           |           |           |                       |                      |                |                    |  |
| 9      | 0.163      | 0.122     | 0.0975    | 0.0811    | 0.0721    | 0.0618    | 0.0505                   | 0.0378    | 0.0252    | 0.00901   | 0.30                  | 0.18                 | 2400           | 10 <sup>20</sup>   |  |
| 10     | 0.114      | 0.0781    | 0.0605    | 0.0503    | 0.0422    | 0.034     | 0.0277                   | 0.0189    | 0.0126    | 0.0063    | 0.14                  | 0.126                | 2500           | 10 <sup>25</sup>   |  |
| 11     | 0.150      | 0.115     | 0.096     | 0.081     | 0.069     | 0.0585    | 0.0495                   | 0.030     | 0.024     | 0.015     | 0.21                  | 0.15                 | 2500           | 10 <sup>25</sup>   |  |
| 12     |            |           |           |           |           |           | Измерения                |           |           |           |                       |                      |                |                    |  |
| 13     |            |           |           |           |           |           | не                       |           |           |           |                       |                      |                |                    |  |
| 14     |            |           |           |           |           |           | проводились              |           |           |           |                       |                      |                |                    |  |
| 15     | 0.510      | 0.413     | 0.340     | 0.268     | 0.206     | 0.164     | 0.115                    | 0.0668    | 0.0122    | —         | 1.44                  | 0.608                | 2500           | 10 <sup>25</sup>   |  |
| 16     | 0.540      | 0.438     | 0.360     | 0.306     | 0.252     | 0.198     | 0.150                    | 0.102     | 0.042     | —         | 1.20                  | 0.60                 | 2500           | 10 <sup>20</sup>   |  |
| 17     | 0.132      | 0.104     | 0.0826    | 0.0645    | 0.0511    | 0.0405    | 0.0315                   | 0.021     | 0.012     | —         | 0.30                  | 0.15                 | 2500           | 10 <sup>20</sup>   |  |
| 18     | 0.181      | 0.158     | 0.129     | 0.108     | 0.0934    | 0.0792    | 0.0666                   | 0.0521    | 0.0375    | 0.0187    | 0.27                  | 0.208                | 2500           | 10 <sup>25</sup>   |  |
| 19     | 0.160      | 0.118     | 0.0944    | 0.080     | 0.064     | 0.056     | 0.0447                   | 0.0352    | 0.024     | 0.0128    | 0.20                  | 0.16                 | 2500           | 10 <sup>20</sup>   |  |
| 20     | 0.306      | 0.228     | 0.178     | 0.153     | 0.128     | 0.101     | 0.0765                   | 0.0463    | 0.0178    | —         | 0.80                  | 0.356                | 2500           | 10 <sup>20</sup>   |  |
| 21     | 0.0791     | 0.0649    | 0.0541    | 0.0471    | 0.0418    | 0.0356    | 0.0284                   | 0.0222    | 0.0151    | 0.00711   | 0.136                 | 0.089                | 2500           | 10 <sup>25</sup>   |  |
| 22     | 0.151      | 0.0935    | 0.0713    | 0.054     | 0.0467    | 0.0355    | 0.0259                   | 0.0156    | 0.0052    | —         | 0.52                  | 0.173                | 2500           | 10 <sup>20</sup>   |  |
| 23     | 0.080      | 0.0711    | 0.0616    | 0.0527    | 0.0448    | 0.0376    | 0.0312                   | 0.0248    | 0.0176    | 0.0104    | 0.124                 | 0.08                 | 2500           | 10 <sup>15</sup>   |  |
| 24     | 0.133      | 0.107     | 0.0911    | 0.0785    | 0.0665    | 0.0545    | 0.0452                   | 0.0346    | 0.022     | 0.00665   | 0.40                  | 0.133                | 2500           | 10 <sup>20</sup>   |  |
| 25     | 0.0679     | 0.0563    | 0.047     | 0.0393    | 0.0324    | 0.0255    | 0.0193                   | 0.0139    | 0.00926   | 0.00463   | 0.12                  | 0.087                | 2500           | 10 <sup>20</sup>   |  |
| 26     | 0.223      | 0.182     | 0.149     | 0.122     | 0.104     | 0.0899    | 0.0765                   | 0.0615    | 0.045     | 0.0248    | 0.341                 | 0.248                | 2500           | 10 <sup>25</sup>   |  |
| 27     | 0.108      | 0.0816    | 0.0696    | 0.0612    | 0.0528    | 0.0456    | 0.0372                   | 0.030     | 0.0216    | 0.0096    | 0.16                  | 0.12                 | 2500           | 10 <sup>25</sup>   |  |
| 28     | 0.298      | 0.242     | 0.195     | 0.160     | 0.124     | 0.0995    | 0.071                    | 0.0461    | 0.0213    | —         | 0.64                  | 0.355                | 2500           | 10 <sup>30</sup>   |  |
| 29     | 0.142      | 0.112     | 0.0911    | 0.0736    | 0.0591    | 0.0496    | 0.0384                   | 0.0272    | 0.016     | 0.0032    | 0.64                  | 0.16                 | 2500           | 10 <sup>25</sup>   |  |
| 30     | 0.211      | 0.170     | 0.134     | 0.109     | 0.0939    | 0.083     | 0.0738                   | 0.063     | 0.0477    | 0.0276    | 0.30                  | 0.236                | 2500           | 10 <sup>20</sup>   |  |
| 31     |            |           |           |           |           |           | Измерения не провод.     |           |           |           |                       |                      |                |                    |  |
| M      | 0.160      | 0.120     | 0.096     | 0.081     | 0.0692    | 0.060     | 0.0505                   | 0.0362    | 0.218     | 0.100     | 0.300                 | 0.180                |                |                    |  |
| макс.  | 0.540      | 0.438     | 0.360     | 0.306     | 0.252     | 0.199     | 0.168                    | 0.131     | 0.101     | 0.0905    | 1.80                  | 0.608                |                |                    |  |
| мин.   | 0.0679     | 0.0563    | 0.047     | 0.0393    | 0.0324    | 0.0255    | 0.0193                   | 0.0139    | 0.052     | 0.0032    | 0.120                 | 0.080                |                |                    |  |
| учтено | 25         | 25        | 25        | 25        | 25        | 25        | 25                       | 25        | 24        | 18        | 25                    | 25                   |                |                    |  |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $D(V)$

Характеристика  $V_p$  мкВ/м  
 $f_0 = 2500$  кГц

Станция Алма-Ата  
секретное время 13 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$               | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta_{\text{лин}}$ | $\Delta_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      | Измерения не проводились |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      | 0.136                    | 0.096     | 0.0751    | 0.0492    | 0.0451    | 0.0352    | 0.0248    | 0.0144    | 0.00368   | —         | 0.24                  | 0.16                 | 2500           | 13 <sup>22</sup>   |
| 3      | 1.05                     | 0.771     | 0.584     | 0.463     | 0.374     | 0.297     | 0.231     | 0.176     | 0.110     | 0.044     | 1.32                  | 1.1                  | 2500           | 13 <sup>35</sup>   |
| 4      | 0.277                    | 0.225     | 0.189     | 0.160     | 0.131     | 0.108     | 0.0862    | 0.0647    | 0.040     | 0.0164    | 0.40                  | 0.308                | 2500           | 13 <sup>30</sup>   |
| 5      | 0.0791                   | 0.0656    | 0.0566    | 0.0504    | 0.0431    | 0.0369    | 0.0305    | 0.0242    | 0.017     | 0.0081    | 0.16                  | 0.09                 | 2500           | 13 <sup>15</sup>   |
| 6      | 0.109                    | 0.0867    | 0.0716    | 0.0624    | 0.0544    | 0.0469    | 0.0392    | 0.0317    | 0.0238    | 0.0135    | 0.44                  | 0.122                | 2500           | 13 <sup>25</sup>   |
| 7      | 0.217                    | 0.167     | 0.132     | 0.107     | 0.0848    | 0.0661    | 0.0477    | 0.0325    | 0.013     | —         | 1.30                  | 0.217                | 2500           | 13 <sup>35</sup>   |
| 8      | нет св. св.              |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 9      | 0.0745                   | 0.0532    | 0.047     | 0.0376    | 0.0282    | 0.0213    | 0.0162    | 0.012     | 0.00856   | 0.00342   | 0.125                 | 0.056                | 2500           | 13 <sup>25</sup>   |
| 10     | 0.0348                   | 0.0296    | 0.0258    | 0.0229    | 0.020     | 0.0172    | 0.0144    | 0.011     | 0.00809   | 0.004     | 0.20                  | 0.04                 | 2500           | 13 <sup>30</sup>   |
| 11     | 0.213                    | 0.170     | 0.141     | 0.118     | 0.100     | 0.084     | 0.0704    | 0.059     | 0.050     | 0.0295    | 0.36                  | 0.227                | 2500           | 13 <sup>30</sup>   |
| 12     | Измерения                |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13     | не                       |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     | проводились              |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     | 0.324                    | 0.252     | 0.209     | 0.181     | 0.155     | 0.128     | 0.102     | 0.0754    | 0.0132    | —         | 0.66                  | 0.377                | 2500           | 13 <sup>25</sup>   |
| 16     | 0.140                    | 0.117     | 0.098     | 0.084     | 0.0714    | 0.0602    | 0.0504    | 0.0406    | 0.0308    | 0.0182    | 0.28                  | 0.14                 | 2500           | 13 <sup>25</sup>   |
| 17     | 0.0825                   | 0.0666    | 0.0537    | 0.0481    | 0.0416    | 0.0362    | 0.0287    | 0.0213    | 0.0139    | 0.0056    | 0.148                 | 0.0927               | 2500           | 13 <sup>15</sup>   |
| 18     | 0.494                    | 0.390     | 0.337     | 0.301     | 0.271     | 0.238     | 0.201     | 0.160     | 0.114     | 0.0596    | 0.90                  | 0.568                | 2500           | 13 <sup>15</sup>   |
| 19     | 0.255                    | 0.219     | 0.181     | 0.155     | 0.135     | 0.120     | 0.102     | 0.0816    | 0.0611    | 0.0357    | 0.36                  | 0.255                | 2500           | 13 <sup>30</sup>   |
| 20     | 2р03а                    |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 21     | 0.100                    | 0.0821    | 0.0674    | 0.0559    | 0.0466    | 0.0376    | 0.0296    | 0.0206    | 0.0144    | —         | 0.40                  | 0.144                | 2500           | 13 <sup>20</sup>   |
| 22     | 0.283                    | 0.150     | 0.108     | 0.0885    | 0.0751    | 0.063     | 0.0534    | 0.0402    | 0.0233    | —         | 0.96                  | 0.268                | 2500           | 13 <sup>10</sup>   |
| 23     | 0.216                    | 0.141     | 0.106     | 0.0834    | 0.0676    | 0.0519    | 0.0406    | 0.0293    | 0.018     | 0.0042    | 0.90                  | 0.225                | 2500           | 13 <sup>30</sup>   |
| 24     | 0.122                    | 0.102     | 0.0856    | 0.0707    | 0.0571    | 0.0435    | 0.0326    | 0.0208    | 0.0109    | —         | 0.30                  | 0.136                | 2500           | 13 <sup>30</sup>   |
| 25     | 0.549                    | 0.457     | 0.396     | 0.348     | 0.305     | 0.278     | 0.232     | 0.189     | 0.140     | 0.0733    | 0.825                 | 0.610                | 2500           | 13 <sup>10</sup>   |
| 26     | 0.0648                   | 0.050     | 0.0412    | 0.0315    | 0.0304    | 0.0261    | 0.0221    | 0.0179    | 0.0126    | 0.0064    | 0.10                  | 0.0161               | 2500           | 13 <sup>15</sup>   |
| 27     | 0.100                    | 0.088     | 0.074     | 0.064     | 0.055     | 0.047     | 0.040     | 0.032     | 0.025     | 0.015     | 0.20                  | 0.10                 | 2500           | 13 <sup>30</sup>   |
| 28     | 2р03а                    |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 29     | 0.121                    | 0.0951    | 0.0748    | 0.0611    | 0.0503    | 0.0408    | 0.0313    | 0.0217    | 0.0122    | 0.00272   | 0.512                 | 0.136                | 2500           | 13 <sup>15</sup>   |
| 30     | 0.164                    | 0.139     | 0.120     | 0.105     | 0.090     | 0.0764    | 0.064     | 0.0506    | 0.0378    | 0.023     | 0.30                  | 0.20                 | 2500           | 13 <sup>15</sup>   |
| 31     | 0.0865                   | 0.0621    | 0.0476    | 0.0388    | 0.0311    | 0.0243    | 0.0175    | 0.0107    | 0.0029    | —         | 0.12                  | 0.0971               | 2460           | 13 <sup>40</sup>   |
| M      | 0.138                    | 0.110     | 0.0918    | 0.077     | 0.0624    | 0.0494    | 0.0403    | 0.0318    | 0.0175    | 0.015     | 0.330                 | 0.15                 |                |                    |
| макс.  | 1.05                     | 0.771     | 0.584     | 0.463     | 0.374     | 0.297     | 0.232     | 0.189     | 0.140     | 0.0733    | 1.32                  | 1.1                  |                |                    |
| мин.   | 0.0348                   | 0.0296    | 0.0258    | 0.0229    | 0.020     | 0.0172    | 0.0144    | 0.0107    | 0.0024    | 0.0012    | 0.100                 | 0.040                |                |                    |
| учтено | 24                       | 24        | 24        | 24        | 24        | 24        | 24        | 24        | 24        | 17        | 24                    | 24                   |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

атмосферные радиопомехи

сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 = 2500$  кГц

секретное время 16

долгота 76°55' E

Станция Алма-Ата

широта 43°15' N

| Дни    | V <sub>0,2</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>лих</sub> | Э <sub>оп</sub> | частота<br>кГц | Время<br>час. мин. |
|--------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 0.0552           | 0.0444           | 0.0332           | 0.0246           | 0.0187           | 0.0129           | 0.00707          | 0.00096          | —                | —                | 0.10             | 0.06            | 2500           | 16 <sup>30</sup>   |
| 3      | 0.112            | 0.082            | 0.064            | 0.0516           | 0.0427           | 0.0348           | 0.028            | 0.0224           | 0.0179           | 0.0112           | 0.224            | 0.112           | 2500           | 16 <sup>15</sup>   |
| 4      | 0.258            | 0.203            | 0.152            | 0.120            | 0.0887           | 0.060            | 0.0344           | 0.00715          | —                | —                | 1.0              | 0.286           | 2500           | 16 <sup>20</sup>   |
| 5      | 0.131            | 0.106            | 0.0884           | 0.0765           | 0.0662           | 0.056            | 0.0471           | 0.0368           | 0.025            | 0.0103           | 0.247            | 0.147           | 2500           | 16 <sup>15</sup>   |
| 6      | 0.230            | 0.194            | 0.166            | 0.145            | 0.126            | 0.107            | 0.089            | 0.0722           | 0.0527           | 0.0275           | 0.40             | 0.262           | 2500           | 16 <sup>40</sup>   |
| 7      | 0.140            | 0.104            | 0.0856           | 0.073            | 0.0604           | 0.049            | 0.0378           | 0.0266           | 0.0154           | 0.0028           | 0.28             | 0.14            | 2500           | 16 <sup>30</sup>   |
| 8      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 9      | 0.0665           | 0.0544           | 0.0463           | 0.0389           | 0.0338           | 0.0279           | 0.0227           | 0.0169           | 0.011            | 0.00514          | 0.126            | 0.0735          | 2500           | 16 <sup>15</sup>   |
| 10     | 0.0975           | 0.0631           | 0.0517           | 0.044            | 0.0366           | 0.0304           | 0.0257           | 0.0195           | 0.0139           | 0.0071           | 0.20             | 0.114           | 2500           | 16 <sup>10</sup>   |
| 11     | 0.044            | 0.0345           | 0.027            | 0.0221           | 0.0181           | 0.0146           | 0.0115           | 0.00796          | 0.0053           | 0.00176          | 0.133            | 0.044           | 2500           | 16 <sup>35</sup>   |
| 12     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.622            | 0.472            | 0.382            | 0.322            | 0.262            | 0.210            | 0.150            | 0.090            | 0.0262           | —                | 1.5              | 0.75            | 2500           | 16 <sup>15</sup>   |
| 16     | 0.100            | 0.0788           | 0.066            | 0.0575           | 0.050            | 0.0426           | 0.0362           | 0.0288           | 0.0213           | 0.0117           | 0.140            | 0.108           | 2500           | 16 <sup>35</sup>   |
| 17     | 0.072            | 0.0584           | 0.0495           | 0.044            | 0.040            | 0.0344           | 0.0288           | 0.0224           | 0.016            | 0.008            | 0.107            | 0.080           | 2500           | 16 <sup>10</sup>   |
| 18     | 0.225            | 0.184            | 0.152            | 0.130            | 0.110            | 0.0905           | 0.0766           | 0.0619           | 0.0455           | 0.0232           | 0.50             | 0.25            | 2500           | 16 <sup>20</sup>   |
| 19     | 0.257            | 0.218            | 0.182            | 0.157            | 0.134            | 0.113            | 0.0824           | 0.0715           | 0.054            | 0.0257           | 0.36             | 0.257           | 2500           | 16 <sup>22</sup>   |
| 20     | 0.100            | 0.074            | 0.0604           | 0.0473           | 0.0376           | 0.0296           | 0.0211           | 0.0125           | 0.00456          | —                | 0.20             | 0.114           | 2500           | 16 <sup>15</sup>   |
| 21     | 0.136            | 0.107            | 0.0856           | 0.072            | 0.0581           | 0.052            | 0.044            | 0.0352           | 0.026            | 0.0122           | 0.42             | 0.153           | 2500           | 16 <sup>15</sup>   |
| 22     | 0.082            | 0.0537           | 0.0396           | 0.0311           | 0.0258           | 0.0217           | 0.0173           | 0.013            | 0.0082           | 0.00373          | 0.20             | 0.091           | 2500           | 16 <sup>10</sup>   |
| 23     | 1.05             | 0.434            | 0.210            | 0.112            | 0.070            | 0.042            | 0.028            | 0.014            | —                | —                | 4.20             | 1.40            | 2500           | 16 <sup>20</sup>   |
| 24     | 0.244            | 0.210            | 0.183            | 0.161            | 0.138            | 0.115            | 0.086            | 0.0574           | 0.0258           | —                | 0.86             | 0.287           | 2500           | 16 <sup>20</sup>   |
| 25     | 0.0898           | 0.0745           | 0.0632           | 0.054            | 0.0469           | 0.0408           | 0.0347           | 0.0276           | 0.0204           | 0.0102           | 0.184            | 0.102           | 2500           | 16 <sup>10</sup>   |
| 26     | 0.132            | 0.0823           | 0.0665           | 0.0551           | 0.0468           | 0.0377           | 0.0297           | 0.0206           | 0.0115           | —                | 0.52             | 0.156           | 2500           | 16 <sup>10</sup>   |
| 27     | 0.171            | 0.144            | 0.121            | 0.104            | 0.0906           | 0.0786           | 0.065            | 0.053            | 0.0393           | 0.0239           | 0.288            | 0.171           | 2500           | 16 <sup>20</sup>   |
| 28     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 29     | 0.146            | 0.118            | 0.0951           | 0.077            | 0.0656           | 0.0525           | 0.041            | 0.0279           | 0.0147           | 0.00323          | 0.96             | 0.174           | 2500           | 16 <sup>15</sup>   |
| 30     | 0.079            | 0.0625           | 0.0525           | 0.0451           | 0.039            | 0.0329           | 0.0278           | 0.0222           | 0.016            | 0.00893          | 0.12             | 0.093           | 2500           | 16 <sup>15</sup>   |
| 31     | 0.0909           | 0.0746           | 0.0626           | 0.0545           | 0.0485           | 0.0414           | 0.0354           | 0.0293           | 0.0212           | 0.0121           | 0.14             | 0.101           | 2200           | 16 <sup>10</sup>   |
| M      | 0.131            | 0.0823           | 0.0665           | 0.0575           | 0.050            | 0.042            | 0.0347           | 0.0266           | 0.0192           | 0.0102           | 0.247            | 0.127           |                |                    |
| макс.  | 1.05             | 0.472            | 0.382            | 0.322            | 0.262            | 0.210            | 0.150            | 0.090            | 0.054            | 0.0275           | 4.20             | 1.400           |                |                    |
| мин.   | 0.044            | 0.0345           | 0.027            | 0.0221           | 0.0181           | 0.0129           | 0.00707          | 0.00096          | 0.00456          | 0.00176          | 0.100            | 0.044           |                |                    |
| учтено | 25               | 25               | 25               | 25               | 25               | 25               | 25               | 25               | 22               | 18               | 25               | 25              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Свободная таблица D(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_o = 2500$  кГц

секретное время 19

долгота 76°56' E

Станция Алма-Ата

широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{\text{лин}}$ | $\mathcal{E}_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|---------------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 2      | 189        | 153       | 116.5     | 92.6      | 78.5      | 66.7      | 55        | 42.4      | 26.4      | 24.9      | 0.66                       | 0.22                      | 2500           | 19 <sup>15</sup>   |
| 3      | 2430       | 1970      | 1700      | 1480      | 1270      | 1080      | 920       | 730       | 566       | 551       | 3.6                        | 2.7                       | 2530           | 19 <sup>30</sup>   |
| 4      | 402        | 329       | 279       | 238       | 199       | 160       | 121       | 77.6      | 43.5      | —         | 0.8                        | 0.457                     | 2500           | 19 <sup>10</sup>   |
| 5      | 285        | 21.7      | 16.2      | 12.0      | 8.44      | 5.5       | 4.21      | 2.91      | 1.62      | 0.324     | 0.14                       | 0.0324                    | 2500           | 19 <sup>15</sup>   |
| 6      | 96.5       | 76.3      | 55.6      | 35.8      | 24.7      | 17.2      | 14.6      | 11.2      | 7.86      | 2.58      | 0.14                       | 0.112                     | 2500           | 19 <sup>15</sup>   |
| 7      | 261        | 171       | 126       | 102       | 84.0      | 69.0      | 51.0      | 36.0      | 21.0      | 3.00      | 1.20                       | 0.300                     | 2500           | 19 <sup>10</sup>   |
| 8      | 270        | 217       | 174       | 129       | 87.0      | 60.0      | 34.4      | 9.00      | —         | —         | 1.2                        | 0.300                     | 2500           | 19 <sup>20</sup>   |
| 9      | 875        | 697       | 570       | 421       | 402       | 324       | 265       | 196       | 22.2      | 0.589     | 0.18                       | 0.0984                    | 2500           | 19 <sup>15</sup>   |
| 10     | 300        | 22.9      | 191       | 161       | 14.4      | 11.9      | 9.75      | 7.50      | 5.33      | 2.32      | 0.06                       | 0.0375                    | 2500           | 19 <sup>10</sup>   |
| 11     | 111        | 82.1      | 66.7      | 58.9      | 51.1      | 43.4      | 36.6      | 28.9      | 21.1      | 11.1      | 0.148                      | 0.111                     | 2500           | 19 <sup>15</sup>   |
| 12     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 15     | 308        | 250       | 205       | 171       | 140       | 106       | 78.6      | 49.6      | 20.5      | —         | 0.600                      | 0.342                     | 2500           | 19 <sup>20</sup>   |
| 16     | 216        | 168       | 140       | 119       | 102       | 86.4      | 71.3      | 56.1      | 38.9      | 21.6      | 0.336                      | 0.216                     | 2500           | 19 <sup>20</sup>   |
| 17     | 871        | 701       | 594       | 514       | 45.5      | 38.6      | 31.6      | 24.7      | 16.8      | 7.91      | 0.153                      | 0.099                     | 2500           | 19 <sup>25</sup>   |
| 18     | 62.9       | 51.6      | 43.7      | 38.1      | 32.5      | 28.2      | 23.5      | 18.7      | 13.4      | 7.72      | 0.100                      | 0.0723                    | 2500           | 19 <sup>20</sup>   |
| 19     | 100        | 82.0      | 69.0      | 60.0      | 53.0      | 47.0      | 40.0      | 33.0      | 25.0      | 15.0      | 0.600                      | 0.100                     | 2500           | 19 <sup>30</sup>   |
| 20     | 203        | 167       | 139       | 112       | 91.2      | 68.4      | 50.2      | 29.6      | 21.2      | —         | 0.400                      | 0.228                     | 2500           | 19 <sup>20</sup>   |
| 21     | 102        | 77.9      | 63.6      | 50.1      | 39.9      | 29.6      | 19.4      | 11.4      | 5.70      | 2.28      | 0.72                       | 0.114                     | 2500           | 19 <sup>15</sup>   |
| 22     | 121        | 68.9      | 47.2      | 32.0      | 16.2      | —         | —         | —         | —         | —         | 1.22                       | 0.135                     | 2500           | 19 <sup>20</sup>   |
| 23     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 24     | 373        | 305       | 267       | 233       | 19.9      | 16.5      | 12.7      | 82.0      | 50.8      | 24.8      | 1.100                      | 0.424                     | 2500           | 19 <sup>30</sup>   |
| 25     | 750        | 612       | 526       | 457       | 40.5      | 34.5      | 29.3      | 22.4      | 15.5      | 6.90      | 0.113                      | 0.0864                    | 2500           | 19 <sup>15</sup>   |
| 26     | 134        | 105       | 86.5      | 70.5      | 57.6      | 46.4      | 35.6      | 25.2      | 13.8      | —         | 0.400                      | 0.160                     | 2500           | 19 <sup>20</sup>   |
| 27     | 354        | 209       | 144       | 106       | 79.7      | 60.7      | 45.6      | 30.4      | 15.2      | —         | 0.600                      | 0.38                      | 2500           | 19 <sup>20</sup>   |
| 28     | 158        | 128       | 112       | 96.0      | 78.4      | 57.0      | 35.6      | 16.0      | —         | —         | 0.800                      | 0.178                     | 2500           | 19 <sup>20</sup>   |
| 29     | 104        | 84.1      | 70.1      | 60.9      | 52.6      | 44.5      | 36.2      | 28.1      | 17.5      | 7.01      | 0.981                      | 0.382                     | 2500           | 19 <sup>15</sup>   |
| 30     | 187        | 132       | 102       | 87.5      | 65.2      | 51.1      | 36.2      | 22.6      | 11.6      | —         | 0.29                       | 0.226                     | 2500           | 19 <sup>15</sup>   |
| 31     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| М      | 134        | 105       | 86.5      | 70.5      | 53.0      | 49        | 56.2      | 26.6      | 16.2      | 7.25      | 0.6                        | 0.178                     |                |                    |
| макс.  | 2430       | 1970      | 1700      | 1480      | 1270      | 1080      | 920       | 730       | 566       | 351       | 3.6                        | 2.7                       |                |                    |
| мин.   | 28.5       | 21.7      | 16.2      | 12.0      | 8.44      | 5.50      | 4.21      | 2.91      | 1.62      | 0.324     | 0.06                       | 0.0324                    |                |                    |
| учтено | 25         | 25        | 25        | 25        | 25        | 24        | 24        | 24        | 22        | 16        | 25                         | 25                        |                |                    |

Примеч. Все значения  $V_{0,02} - V_{0,9}$  умножить на  $10^{-3}$

Составил

Проверил

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 2500 кгц

Станция Алма-Ата  
секретное время 22 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Ф <sub>лин</sub> | Ф <sub>оп</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 0.449             | 0.374            | 0.309            | 0.241            | 0.205            | 0.165            | 0.124            | 0.0861           | 0.056            | 0.0239           | 0.86             | 0.478           | 2500           | 22 <sup>40</sup>   |
| 3      | 0.155             | 0.119            | 0.104            | 0.0916           | 0.0791           | 0.0667           | 0.0559           | 0.045            | 0.0326           | 0.0202           | 0.241            | 0.155           | 2500           | 22 <sup>30</sup>   |
| 4      | 0.510             | 0.349            | 0.280            | 0.232            | 0.186            | 0.137            | 0.0858           | 0.040            | —                | —                | 1.6              | 0.572           | 2500           | 22 <sup>30</sup>   |
| 5      | 0.178             | 0.141            | 0.117            | 0.101            | 0.087            | 0.0729           | 0.0606           | 0.0485           | 0.0344           | 0.0168           | 0.36             | 0.202           | 2500           | 22 <sup>15</sup>   |
| 6      | 0.325             | 0.241            | 0.198            | 0.167            | 0.139            | 0.114            | 0.0911           | 0.0674           | 0.0466           | 0.0205           | 0.76             | 0.38            | 2500           | 22 <sup>40</sup>   |
| 7      | 0.0288            | 0.0204           | 0.0165           | 0.0135           | 0.0105           | 0.0081           | 0.006            | 0.0039           | 0.0021           | —                | 0.12             | 0.03            | 2510           | 22 <sup>45</sup>   |
| 8      | 0.970             | 0.770            | 0.638            | 0.528            | 0.429            | 0.330            | 0.253            | 0.176            | 0.088            | —                | 2.2              | 1.1             | 2470           | 22 <sup>22</sup>   |
| 9      | 0.188             | 0.156            | 0.130            | 0.106            | 0.0821           | 0.0649           | 0.0475           | 0.0346           | 0.0194           | 0.00649          | 0.82             | 0.216           | 2500           | 22 <sup>40</sup>   |
| 10     | 0.136             | 0.099            | 0.0791           | 0.0665           | 0.0564           | 0.0472           | 0.038            | 0.0285           | 0.0106           | 0.0016           | 0.24             | 0.16            | 2500           | 22 <sup>45</sup>   |
| 11     | 0.150             | 0.120            | 0.101            | 0.0855           | 0.075            | 0.063            | 0.051            | 0.0405           | 0.0285           | 0.015            | 0.24             | 0.15            | 2500           | 22 <sup>30</sup>   |
| 12     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.490             | 0.382            | 0.323            | 0.269            | 0.223            | 0.172            | 0.118            | 0.0753           | 0.0323           | —                | 1.4              | 0.538           | 2500           | 22 <sup>40</sup>   |
| 16     | 1.82              | 1.14             | 0.898            | 0.738            | 0.640            | 0.524            | 0.408            | 0.291            | 0.153            | —                | 3.877            | 1.94            | 2500           | 22 <sup>45</sup>   |
| 17     | 0.223             | 0.175            | 0.147            | 0.124            | 0.0965           | 0.0785           | 0.0609           | 0.0456           | 0.0278           | 0.0126           | 0.76             | 0.253           | 2500           | 22 <sup>40</sup>   |
| 18     | 0.408             | 0.269            | 0.181            | 0.132            | 0.0959           | 0.0266           | 0.00408          | 0.00259          | 0.00141          | —                | 0.96             | 0.48            | 2500           | 22 <sup>40</sup>   |
| 19     | 0.173             | 0.0812           | 0.0606           | 0.0484           | 0.0398           | 0.0311           | 0.0225           | 0.0138           | 0.0069           | 0.00086          | 0.52             | 0.173           | 2500           | 22 <sup>35</sup>   |
| 20     | 0.208             | 0.167            | 0.140            | 0.116            | 0.0932           | 0.0759           | 0.066            | 0.0373           | 0.0163           | —                | 0.70             | 0.233           | 2500           | 22 <sup>30</sup>   |
| 21     | 0.358             | 0.288            | 0.234            | 0.189            | 0.152            | 0.128            | 0.0986           | 0.070            | 0.0411           | 0.0128           | 0.72             | 0.411           | 2500           | 22 <sup>15</sup>   |
| 22     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 23     | 2.090             | 1.100            | 0.598            | 0.345            | 0.184            | 0.069            | —                | —                | —                | —                | 9.2              | 2.3             | 2450           | 22 <sup>40</sup>   |
| 24     | 0.344             | 0.288            | 0.256            | 0.246            | 0.194            | 0.160            | 0.128            | 0.088            | 0.044            | —                | 1.0              | 0.40            | 2500           | 22 <sup>30</sup>   |
| 25     | 0.0616            | 0.0493           | 0.0402           | 0.034            | 0.0291           | 0.0243           | 0.0194           | 0.0139           | 0.00831          | 0.00208          | 0.26             | 0.0964          | 2500           | 22 <sup>40</sup>   |
| 26     | 0.380             | 0.276            | 0.214            | 0.179            | 0.151            | 0.123            | 0.0875           | 0.072            | 0.0489           | 0.0242           | 0.68             | 0.407           | 2520           | 22 <sup>25</sup>   |
| 27     | 2.500             | 1.770            | 0.936            | 0.520            | 0.260            | 0.052            | —                | —                | —                | —                | 5.2              | 2.6             | 2500           | 22 <sup>40</sup>   |
| 28     | 0.700             | 0.573            | 0.487            | 0.416            | 0.354            | 0.306            | 0.248            | 0.185            | 0.118            | 0.0393           | 1.4              | 0.786           | 2500           | 22 <sup>30</sup>   |
| 29     | 0.297             | 0.244            | 0.201            | 0.162            | 0.132            | 0.109            | 0.0891           | 0.066            | 0.0429           | 0.0132           | 0.66             | 0.33            | 2500           | 22 <sup>15</sup>   |
| 30     | 0.238             | 0.173            | 0.140            | 0.116            | 0.095            | 0.0761           | 0.0581           | 0.0408           | 0.0232           | 0.00405          | 0.58             | 0.27            | 2500           | 22 <sup>30</sup>   |
| 31     | 0.276             | 0.228            | 0.190            | 0.159            | 0.127            | 0.102            | 0.0798           | 0.0572           | 0.0318           | 0.00636          | 0.70             | 0.318           | 2500           | 22 <sup>30</sup>   |
| M      | 0.311             | 0.242            | 0.194            | 0.160            | 0.130            | 0.0773           | 0.0704           | 0.0470           | 0.0323           | 0.0129           | 0.74             | 0.0355          |                |                    |
| макс.  | 2.50              | 1.77             | 0.936            | 0.738            | 0.640            | 0.525            | 0.408            | 0.297            | 0.155            | 0.0393           | 9.20             | 2.6             |                |                    |
| мин.   | 0.0288            | 0.0204           | 0.0165           | 0.0135           | 0.0105           | 0.0081           | 0.00408          | 0.00259          | 0.00144          | 0.00086          | 0.12             | 0.03            |                |                    |
| учтено | 26                | 26               | 26               | 26               | 26               | 26               | 24               | 24               | 23               | 16               | 26               | 26              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  5000 кГц

секретное время 01

долгота 76°55'E

широта 43°15'N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | длин | дсп | частота<br>кГц | Время<br>час. мин. |  |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|-----|----------------|--------------------|--|
| 1      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 2      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 3      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 4      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 5      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 6      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 7      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 8      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 9      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 10     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 11     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 12     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 13     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 14     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 15     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 16     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 17     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 18     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 19     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 20     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 21     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 22     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 23     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 24     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 25     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 26     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 27     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 28     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 29     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 30     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| 31     |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| M      |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| мокс.  |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| мин.   |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |
| учтено |            |           |           |           |           |           |           |           |           |           |      |     |                |                    |  |

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Измерен. не проводились

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Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $D(V)$

Май 1959 год  
Характеристика  $V_p$  мкВ/м  
 $f_0 =$  5000 кгц

Станция Алма-Ата  
секретное время 04 долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta_{\text{лим}}$ | $\Delta_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 3      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 4      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 8      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 9      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 10     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 17     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 18     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 20     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 21     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 25     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 26     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 27     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 28     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 30     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 31     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| M      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| макс.  |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| мин.   |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| учтено |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |

1-3: *Вещание и телеграфн. работа*

2: *Измерен. не провод.*

3: *Вещание и телеграфн. работа*

4: *— " —*

5: *— " —*

6: *— " —*

7: *— " —*

8: *— " —*

9: *— " —*

10: *— " —*

11: *— " —*

12: *— " —*

13: *Измерения*

14: *не*

15: *проводились*

16: *Вещание и телеграфн. работа*

17: *— " —*

18: *— " —*

19: *— " —*

20: *— " —*

21: *— " —*

22: *— " —*

23: *— " —*

24: *— " —*

25: *— " —*

26: *— " —*

27: *— " —*

28: *Измерения не проводились*

29: *— " —*

30: *— " —*

31: *— " —*

M: *— " —*

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  5000 кгц

Станция Олма-Ата  
секретное время 07 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$           | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\delta_{\text{пмч}}$ | $\delta_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|---------------------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      | 0.161      | 0.124     | 0.089     | 0.0306    | 0.0715    | 0.0568              | 0.0439    | 0.0311    | 0.0183    | 0.00366   | 0.55                  | 0.183                | 5000           | 07 35              |
| 2      |            |           |           |           |           | Измерен. не пробег. |           |           |           |           |                       |                      |                |                    |
| 3      | 0.0636     | 0.0471    | 0.0329    | 0.0243    | 0.0215    | 0.00996             | 0.004     | —         | —         | —         | 0.196                 | 0.0785               | 5000           | 07 30              |
| 4      |            |           |           |           |           | помехи р/см         |           |           |           |           |                       |                      |                |                    |
| 5      | 0.0783     | 0.052     | 0.0366    | 0.0282    | 0.0213    | 0.0153              | 0.00938   | 0.00512   | 0.253     | —         | 0.284                 | 0.0853               | 5000           | 07 50              |
|        | 0.0765     | 0.0625    | 0.051     | 0.044     | 0.0387    | 0.0325              | 0.0263    | 0.0202    | 0.0132    | 0.00527   | 0.162                 | 0.088                | 5000           | 07 30              |
|        | 0.0314     | 0.0213    | 0.016     | 0.0137    | 0.0111    | 0.0092              | 0.00694   | 0.00411   | 0.00078   | —         | 0.098                 | 0.0392               | 5000           | 07 30              |
| 8      | 0.094      | 0.066     | 0.053     | 0.044     | 0.036     | 0.028               | 0.020     | 0.013     | 0.007     | —         | 0.200                 | 0.100                | 5000           | 07 42              |
| 9      | 0.214      | 0.160     | 0.118     | 0.0918    | 0.0433    | 0.0355              | 0.0187    | —         | —         | —         | 1.02                  | 0.255                | 5000           | 07 30              |
| 10     |            |           |           |           |           | помехи р/см.        |           |           |           |           |                       |                      |                |                    |
| 11     | 0.198      | 0.148     | 0.122     | 0.104     | 0.0848    | 0.0695              | 0.0502    | 0.0291    | 0.00673   | —         | 0.393                 | 0.224                | 5000           | 07 30              |
| 12     | 0.0441     | 0.0328    | 0.026     | 0.021     | 0.0171    | 0.0132              | 0.00932   | 0.00637   | 0.00294   | —         | 0.070                 | 0.049                | 5010           | 07 40              |
| 13     |            |           |           |           |           | Измерен.            |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           | не                  |           |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           | пробег.             |           |           |           |           |                       |                      |                |                    |
| 16     | 0.176      | 0.147     | 0.122     | 0.103     | 0.084     | 0.0672              | 0.0504    | 0.0315    | 0.0105    | —         | 0.49                  | 0.21                 | 5000           | 07 40              |
| 17     | 0.0531     | 0.0425    | 0.0348    | 0.0295    | 0.0254    | 0.0212              | 0.0171    | 0.0124    | 0.00709   | 0.00177   | 0.118                 | 0.059                | 5000           | 07 30              |
| 18     |            |           |           |           |           | помехи р/см         |           |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           | помехи р/см         |           |           |           |           |                       |                      |                |                    |
| 20     | 0.0823     | 0.0593    | 0.0409    | 0.0371    | 0.0288    | 0.023               | 0.0165    | 0.0115    | 0.00498   | 0.00165   | 0.247                 | 0.0823               | 5000           | 07 30              |
| 21     | 0.225      | 0.172     | 0.142     | 0.125     | 0.106     | 0.085               | 0.060     | 0.0425    | 0.0225    | 0.00225   | 0.392                 | 0.25                 | 5000           | 07 40              |
| 22     | 0.0749     | 0.0566    | 0.0458    | 0.0383    | 0.0324    | 0.0258              | 0.0192    | 0.0117    | 0.0025    | —         | 0.334                 | 0.0804               | 5000           | 07 30              |
| 23     | 0.111      | 0.0765    | 0.0668    | 0.0452    | 0.0354    | 0.0251              | 0.0141    | 0.00462   | —         | —         | 0.176                 | 0.132                | 5000           | 07 40              |
| 24     | 0.0674     | 0.0507    | 0.0421    | 0.0348    | 0.029     | 0.0232              | 0.0174    | 0.0123    | 0.00725   | 0.000725  | 0.145                 | 0.0725               | 5000           | 07 30              |
| 25     | 0.288      | 0.216     | 0.147     | 0.113     | 0.0856    | 0.0651              | 0.0412    | 0.0137    | —         | —         | 1.37                  | 0.343                | 5000           | 07 40              |
| 26     | 0.207      | 0.167     | 0.138     | 0.117     | 0.0987    | 0.0824              | 0.0611    | 0.040     | 0.0217    | —         | 0.471                 | 0.235                | 5000           | 07 30              |
| 27     | 0.352      | 0.292     | 0.247     | 0.212     | 0.186     | 0.161               | 0.134     | 0.110     | 0.0863    | 0.0471    | 0.49                  | 0.302                | 4950           | 07 35              |
| 28     | 0.188      | 0.123     | 0.095     | 0.0776    | 0.0626    | 0.0475              | 0.0324    | 0.0194    | 0.00432   | —         | 0.804                 | 0.216                | 5010           | 07 40              |
| 29     | 0.190      | 0.156     | 0.126     | 0.0962    | 0.0687    | 0.0435              | 0.0206    | 0.00458   | —         | —         | 0.687                 | 0.229                | 5000           | 07 30              |
| 30     | 0.0552     | 0.0432    | 0.0318    | 0.0258    | 0.021     | 0.0156              | 0.00964   | 0.00301   | —         | —         | 0.236                 | 0.0601               | 5000           | 07 35              |
| 31     | 0.0716     | 0.0341    | 0.0438    | 0.0375    | 0.0316    | 0.0261              | 0.0212    | 0.0162    | 0.0109    | 0.00412   | 0.117                 | 0.0823               | 4960           | 07 30              |
| M      | 0.094      | 0.066     | 0.053     | 0.044     | 0.036     | 0.028               | 0.020     | 0.013     | 0.0709    | 0.00206   | 0.284                 | 0.100                |                |                    |
| макс.  | 0.352      | 0.292     | 0.247     | 0.212     | 0.186     | 0.161               | 0.134     | 0.110     | 0.0863    | 0.0471    | 1.37                  | 0.392                |                |                    |
| мин.   | 0.0314     | 0.0213    | 0.0168    | 0.0137    | 0.0111    | 0.00919             | 0.007     | 0.00301   | 0.000785  | 0.000725  | 0.070                 | 0.0392               |                |                    |
| учтено | 23         | 23        | 23        | 23        | 23        | 23                  | 23        | 21        | 17        | 8         | 23                    | 23                   |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

\_\_\_\_\_ Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 5000 кгц

Станция Олма-Ата  
секретное время 10 долгота 76°55' E широта 43°15' N

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнч</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      | 0.085             | 0.060            | 0.0485           | 0.043            | 0.0395           | 0.037            | 0.035            | 0.033            | 0.031            | 0.028            | 0.10             | 0.10            | 5000           | 10 <sup>30</sup>   |
| 3      | 0.0876            | 0.0664           | 0.053            | 0.0434           | 0.0356           | 0.0288           | 0.0281           | 0.0173           | 0.0106           | 0.00288          | 0.144            | 0.0963          | 5000           | 10 <sup>30</sup>   |
| 4      | 0.446             | 0.355            | 0.282            | 0.230            | 0.186            | 0.145            | 0.108            | 0.0686           | 0.0294           | —                | 0.687            | 0.49            | 5000           | 10 <sup>30</sup>   |
| 5      | 0.094             | 0.0786           | 0.0676           | 0.0589           | 0.0513           | 0.0436           | 0.036            | 0.0272           | 0.0185           | 0.00874          | 0.180            | 0.109           | 5000           | 10 <sup>30</sup>   |
| 6      | 0.080             | 0.0469           | 0.0368           | 0.0295           | 0.0223           | 0.011            | —                | —                | —                | —                | 0.25             | 0.196           | 5000           | 10 <sup>30</sup>   |
| 7      | 0.165             | 0.115            | 0.0808           | 0.0636           | 0.0576           | 0.0412           | 0.035            | 0.0275           | 0.0172           | —                | 0.686            | 0.172           | 5000           | 10 <sup>35</sup>   |
| 8      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 9      | 0.078             | 0.050            | 0.030            | 0.0144           | —                | —                | —                | —                | —                | —                | 0.50             | 0.111           | 5000           | 10 <sup>35</sup>   |
| 10     | 0.897             | 0.587            | 0.432            | 0.309            | 0.202            | 0.117            | 0.0405           | —                | —                | —                | 3.20             | 1.07            | 5000           | 10 <sup>30</sup>   |
| 11     | 0.104             | 0.0715           | 0.0572           | 0.0481           | 0.0402           | 0.0325           | 0.026            | 0.0182           | 0.0117           | 0.0026           | 0.174            | 0.13            | 5000           | 10 <sup>35</sup>   |
| 12     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 0.200             | 0.166            | 0.134            | 0.112            | 0.0904           | 0.0684           | 0.0512           | 0.0342           | 0.0146           | —                | 0.428            | 0.244           | 5000           | 10 <sup>35</sup>   |
| 16     | 0.163             | 0.117            | 0.0863           | 0.0627           | 0.0461           | 0.0274           | 0.0117           | —                | —                | —                | 0.686            | 0.196           | 5000           | 10 <sup>30</sup>   |
| 17     | 0.0621            | 0.0503           | 0.0419           | 0.0349           | 0.0293           | 0.0244           | 0.0188           | 0.0132           | 0.00767          | 0.00139          | 0.142            | 0.0698          | 5000           | 10 <sup>35</sup>   |
| 18     | 0.0445            | 0.0286           | 0.0175           | 0.0115           | 0.00524          | —                | —                | —                | —                | —                | 0.196            | 0.0524          | 5000           | 10 <sup>30</sup>   |
| 19     | 0.0846            | 0.0582           | 0.047            | 0.0395           | 0.0348           | 0.0291           | 0.0235           | 0.0188           | 0.0134           | 0.00564          | 0.19             | 0.0941          | 5000           | 10 <sup>30</sup>   |
| 20     | 0.710             | 0.558            | 0.470            | 0.406            | 0.342            | 0.270            | 0.199            | 0.135            | 0.0677           | —                | 1.27             | 0.796           | 5000           | 10 <sup>35</sup>   |
| 21     | 0.0607            | 0.0481           | 0.0384           | 0.0307           | 0.0216           | 0.014            | 0.00830          | 0.00419          | —                | —                | 0.314            | 0.0699          | 5000           | 10 <sup>30</sup>   |
| 22     | 0.0815            | 0.0651           | 0.0534           | 0.0443           | 0.0353           | 0.0294           | 0.0235           | 0.0172           | 0.00995          | 0.00136          | 0.196            | 0.0905          | 5000           | 10 <sup>35</sup>   |
| 23     | 0.0624            | 0.0499           | 0.0390           | 0.0336           | 0.0281           | 0.023            | 0.0181           | 0.0131           | 0.00748          | —                | 0.125            | 0.0624          | 5000           | 10 <sup>35</sup>   |
| 24     | 0.578             | 0.455            | 0.354            | 0.292            | 0.244            | 0.204            | 0.156            | 0.116            | 0.068            | 0.0136           | 0.91             | 0.68            | 5000           | 10 <sup>30</sup>   |
| 25     | 0.0741            | 0.0588           | 0.0476           | 0.0383           | 0.0298           | 0.0213           | 0.0128           | 0.00256          | —                | —                | 0.51             | 0.0851          | 5000           | 10 <sup>35</sup>   |
| 26     | 0.0905            | 0.073            | 0.0577           | 0.0489           | 0.0401           | 0.0316           | 0.0246           | 0.0193           | 0.0146           | —                | 0.137            | 0.103           | 5000           | 10 <sup>35</sup>   |
| 27     | 0.236             | 0.167            | 0.132            | 0.107            | 0.0825           | 0.0605           | 0.0412           | 0.0192           | —                | —                | 0.824            | 0.275           | 5000           | 10 <sup>35</sup>   |
| 28     | 0.226             | 0.185            | 0.152            | 0.128            | 0.106            | 0.081            | 0.0615           | 0.0418           | 0.0221           | —                | 0.393            | 0.246           | 5000           | 10 <sup>30</sup>   |
| 29     | 0.107             | 0.0879           | 0.0684           | 0.0561           | 0.0464           | 0.0378           | 0.0281           | 0.0183           | 0.00854          | —                | 0.57             | 0.122           | 5000           | 10 <sup>30</sup>   |
| 30     | 0.190             | 0.144            | 0.117            | 0.098            | 0.0827           | 0.0655           | 0.0502           | 0.0371           | 0.022            | 0.0072           | 0.392            | 0.218           | 5000           | 10 <sup>30</sup>   |
| 31     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| M      | 0.094             | 0.0715           | 0.0577           | 0.0489           | 0.0426           | 0.037            | 0.0316           | 0.0192           | 0.0146           | 0.00564          | 0.392            | 0.122           |                |                    |
| макс.  | 0.897             | 0.587            | 0.470            | 0.406            | 0.342            | 0.270            | 0.199            | 0.135            | 0.068            | 0.028            | 3.20             | 1.07            |                |                    |
| мин.   | 0.0445            | 0.0285           | 0.0175           | 0.0115           | 0.00524          | 0.011            | 0.00830          | 0.00419          | 0.00748          | 0.00136          | 0.10             | 0.0524          |                |                    |
| учтено | 25                | 25               | 25               | 25               | 24               | 23               | 22               | 20               | 17               | 9                | 25               | 25              |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  5000 кГц

секретное время 13

долгота 76°55' E

широта 43°15' N

Станция ЦМА-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пнк}}$ | $\Sigma_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      | 0.0862     | 0.0568    | 0.047     | 0.0315    | 0.0196    | 0.0112    | 0.00509   | —         | —         | —         | 0.196                 | 0.098                | 5000           | 13 <sup>45</sup>   |
| 3      | 0.209      | 0.131     | 0.094     | 0.0705    | 0.0521    | 0.0391    | 0.0313    | 0.0209    | 0.0104    | —         | 0.394                 | 0.261                | 5000           | 13 <sup>35</sup>   |
| 4      | 0.129      | 0.100     | 0.0794    | 0.0625    | 0.050     | 0.0367    | 0.025     | 0.0147    | 0.00284   | —         | 0.392                 | 0.147                | 5000           | 13 <sup>30</sup>   |
| 5      | 0.104      | 0.0883    | 0.0627    | 0.0571    | 0.0477    | 0.0393    | 0.0321    | 0.0238    | 0.0131    | 0.00238   | 0.216                 | 0.112                | 5000           | 13 <sup>20</sup>   |
| 6      | 0.104      | 0.0464    | 0.022     | 0.00879   | 0.00601   | 0.00146   | —         | —         | —         | —         | 0.245                 | 0.122                | 5000           | 13 <sup>30</sup>   |
| 7      | 0.220      | 0.168     | 0.134     | 0.111     | 0.091     | 0.0726    | 0.059     | 0.0431    | 0.025     | 0.00454   | 0.681                 | 0.227                | 5000           | 13 <sup>45</sup>   |
| 8      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 9      | 0.0841     | 0.0507    | 0.0304    | 0.016     | 0.0029    | —         | —         | —         | —         | —         | 0.51                  | 0.145                | 5000           | 13 <sup>30</sup>   |
| 10     | 0.267      | 0.184     | 0.134     | 0.0934    | 0.0649    | 0.0407    | 0.017     | —         | —         | —         | 0.67                  | 0.334                | 5000           | 13 <sup>45</sup>   |
| 11     | 0.0657     | 0.0476    | 0.0378    | 0.0312    | 0.0254    | 0.0197    | 0.014     | 0.00823   | 0.00411   | —         | 0.11                  | 0.0823               | 5000           | 13 <sup>40</sup>   |
| 12     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     | 0.128      | 0.106     | 0.0882    | 0.0706    | 0.0574    | 0.047     | 0.0368    | 0.0235    | 0.011     | —         | 0.294                 | 0.147                | 5000           | 13 <sup>35</sup>   |
| 16     | 0.189      | 0.138     | 0.111     | 0.0926    | 0.0784    | 0.0619    | 0.0494    | 0.0371    | 0.0247    | 0.0103    | 0.294                 | 0.206                | 5000           | 13 <sup>40</sup>   |
| 17     | 0.0955     | 0.0709    | 0.0489    | 0.0317    | 0.0207    | 0.00979   | —         | —         | —         | —         | 0.49                  | 0.122                | 5000           | 13 <sup>20</sup>   |
| 18     | 0.362      | 0.197     | 0.135     | 0.0905    | 0.053     | 0.0114    | —         | —         | —         | —         | 0.944                 | 0.472                | 5000           | 13 <sup>35</sup>   |
| 19     | 0.056      | 0.0419    | 0.0326    | 0.0277    | 0.023     | 0.0189    | 0.0147    | 0.0106    | 0.0059    | —         | 0.118                 | 0.050                | 5000           | 13 <sup>20</sup>   |
| 20     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 21     | 0.0574     | 0.0451    | 0.0367    | 0.0303    | 0.0245    | 0.018     | 0.0116    | 0.00451   | —         | —         | 0.353                 | 0.0645               | 5000           | 13 <sup>30</sup>   |
| 22     | 0.151      | 0.109     | 0.0862    | 0.0686    | 0.0581    | 0.0479    | 0.0388    | 0.0282    | 0.0169    | 0.00388   | 0.96                  | 0.288                | 5000           | 13 <sup>40</sup>   |
| 23     | 0.125      | 0.088     | 0.066     | 0.0502    | 0.0377    | 0.0282    | 0.0204    | 0.0125    | 0.0047    | —         | 0.628                 | 0.157                | 5000           | 13 <sup>30</sup>   |
| 24     | 0.172      | 0.137     | 0.106     | 0.0861    | 0.0705    | 0.053     | 0.0333    | 0.0116    | —         | —         | 0.785                 | 0.196                | 5000           | 13 <sup>20</sup>   |
| 25     | 0.0735     | 0.0579    | 0.0463    | 0.0362    | 0.0289    | 0.0206    | 0.0132    | 0.00495   | —         | —         | 0.589                 | 0.0836               | 5000           | 13 <sup>45</sup>   |
| 26     | 0.105      | 0.0782    | 0.0638    | 0.0543    | 0.0454    | 0.0361    | 0.0282    | 0.0196    | 0.0104    | 0.00123   | 0.333                 | 0.132                | 5000           | 13 <sup>25</sup>   |
| 27     | 0.0815     | 0.0595    | 0.0464    | 0.0367    | 0.0285    | 0.022     | 0.0155    | 0.0101    | 0.00489   | —         | 0.163                 | 0.0815               | 5000           | 13 <sup>20</sup>   |
| 28     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 29     | 0.102      | 0.0761    | 0.058     | 0.0451    | 0.031     | 0.0206    | 0.0116    | 0.00258   | —         | —         | 0.647                 | 0.129                | 5000           | 13 <sup>20</sup>   |
| 30     | 0.150      | 0.118     | 0.0935    | 0.0787    | 0.0664    | 0.0547    | 0.0324    | 0.0318    | 0.0209    | 0.00586   | 0.177                 | 0.167                | 5000           | 13 <sup>20</sup>   |
| 31     | 0.104      | 0.0755    | 0.0579    | 0.0472    | 0.0378    | 0.0295    | 0.0212    | 0.018     | 0.00354   | —         | 0.236                 | 0.118                | 5000           | 13 <sup>15</sup>   |
| M      | 0.104      | 0.0881    | 0.0648    | 0.0557    | 0.0450    | 0.0295    | 0.0231    | 0.0172    | 0.0104    | 0.00421   | 0.368                 | 0.138                |                |                    |
| макс.  | 0.362      | 0.197     | 0.135     | 0.111     | 0.091     | 0.0726    | 0.059     | 0.0431    | 0.025     | 0.0103    | 0.96                  | 0.472                |                |                    |
| мин.   | 0.056      | 0.0419    | 0.022     | 0.00872   | 0.0029    | 0.00146   | 0.00509   | 0.00258   | 0.00294   | 0.00132   | 0.110                 | 0.059                |                |                    |
| учтено | 24         | 24        | 24        | 24        | 24        | 23        | 20        | 18        | 14        | 6         | 24                    | 24                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 5000 кГц

секретное время 16

долгота 76°55'E

широта 43°15'N

Станция Алма-Ата

| Дни                      | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнч</sub> | Э <sub>ап</sub> | частота<br>кГц | Время<br>час. мин. |
|--------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1                        |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| Измерения не проводились |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2                        | 0.0705            | 0.0564           | 0.0439           | 0.0352           | 0.027            | 0.0187           | 0.011            | 0.00314          | —                | —                | 0.106            | 0.0784          | 5000           | 16 <sup>40</sup>   |
| 3                        | 0.099             | 0.0686           | 0.0563           | 0.0466           | 0.0384           | 0.0302           | 0.0233           | 0.0164           | 0.00961          | 0.00274          | 0.216            | 0.137           | 5010           | 16 <sup>45</sup>   |
| 4                        | 0.257             | 0.200            | 0.151            | 0.120            | 0.097            | 0.0735           | 0.050            | 0.0264           | 0.00588          | —                | 0.883            | 0.294           | 5000           | 16 <sup>40</sup>   |
| 5                        | 0.162             | 0.128            | 0.0969           | 0.0745           | 0.0576           | 0.0428           | 0.0297           | 0.0186           | 0.00372          | —                | 0.609            | 0.186           | 5000           | 16 <sup>40</sup>   |
| Неисправность аппаратуры |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 6                        |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 7                        | 0.214             | 0.147            | 0.111            | 0.0886           | 0.073            | 0.0596           | 0.0443           | 0.031            | 0.0177           | 0.00442          | 0.884            | 0.221           | 5000           | 16 <sup>40</sup>   |
| 8                        |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| нет за/за.               |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 9                        | 0.0961            | 0.0731           | 0.0568           | 0.0415           | 0.0251           | 0.0131           | 0.00345          | —                | —                | —                | 0.49             | 0.109           | 5000           | 16 <sup>40</sup>   |
| 10                       | 0.0576            | 0.0366           | 0.0235           | 0.0137           | 0.00262          | —                | —                | —                | —                | —                | 0.196            | 0.0555          | 5000           | 16 <sup>45</sup>   |
| 11                       | 0.109             | 0.0624           | 0.0429           | 0.0299           | 0.0195           | 0.013            | 0.0065           | 0.0026           | —                | —                | 0.39             | 0.13            | 5000           | 16 <sup>55</sup>   |
| 12                       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| Измерения                |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13                       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| не проводились           |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14                       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15                       | 0.142             | 0.580            | 0.498            | 0.432            | 0.357            | 0.282            | 0.208            | 0.124            | 0.0416           | —                | 1.43             | 0.82            | 5000           | 16 <sup>45</sup>   |
| 16                       | 0.117             | 0.0875           | 0.070            | 0.0587           | 0.050            | 0.0425           | 0.0338           | 0.025            | 0.0162           | 0.00625          | 0.18             | 0.125           | 5000           | 16 <sup>45</sup>   |
| 17                       | 0.138             | 0.110            | 0.086            | 0.0716           | 0.0605           | 0.0494           | 0.0366           | 0.0238           | 0.0111           | —                | 0.255            | 0.159           | 5000           | 16 <sup>45</sup>   |
| 18                       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| Неисправность аммарат.   |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 19                       | 0.0424            | 0.0282           | 0.022            | 0.0178           | 0.015            | 0.0117           | 0.00892          | 0.00611          | 0.00329          | —                | 0.0627           | 0.047           | 5000           | 16 <sup>40</sup>   |
| 20                       | 0.0555            | 0.0432           | 0.0346           | 0.0278           | 0.0228           | 0.0183           | 0.0137           | 0.0085           | 0.00392          | —                | 0.196            | 0.0654          | 5000           | 16 <sup>45</sup>   |
| 21                       | 0.0187            | 0.0142           | 0.0118           | 0.00915          | 0.00654          | 0.00501          | 0.00371          | 0.00262          | 0.00131          | —                | 0.22             | 0.0218          | 5000           | 16 <sup>40</sup>   |
| 22                       | 0.0282            | 0.0172           | 0.0127           | 0.00928          | 0.00688          | 0.0048           | 0.00278          | 0.000688         | —                | —                | 0.137            | 0.0344          | 5000           | 16 <sup>45</sup>   |
| 23                       | 0.461             | 0.297            | 0.116            | 0.0477           | 0.0169           | —                | —                | —                | —                | —                | 5.30             | 0.53            | 5000           | 16 <sup>40</sup>   |
| 24                       | 0.350             | 0.288            | 0.236            | 0.193            | 0.146            | 0.106            | 0.071            | 0.0315           | —                | —                | 1.18             | 0.394           | 5000           | 16 <sup>40</sup>   |
| 25                       | 0.069             | 0.0574           | 0.0486           | 0.0392           | 0.0314           | 0.0243           | 0.0165           | 0.00855          | —                | —                | 0.471            | 0.0785          | 5000           | 16 <sup>45</sup>   |
| 26                       | 0.182             | 0.151            | 0.128            | 0.109            | 0.094            | 0.0805           | 0.0664           | 0.0514           | 0.0364           | 0.0171           | 0.235            | 0.214           | 5000           | 16 <sup>45</sup>   |
| 27                       | 0.0824            | 0.0521           | 0.0402           | 0.032            | 0.0247           | 0.0201           | 0.0147           | 0.00824          | —                | —                | 0.183            | 0.0916          | 5000           | 16 <sup>40</sup>   |
| 28                       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| Зроща                    |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 29                       | 0.111             | 0.0921           | 0.0743           | 0.0601           | 0.0474           | 0.0333           | 0.0218           | 0.0128           | 0.00384          | —                | 0.725            | 0.128           | 5000           | 16 <sup>40</sup>   |
| 30                       | 0.110             | 0.0833           | 0.0656           | 0.0515           | 0.046            | 0.0374           | 0.0294           | 0.0224           | 0.0141           | 0.00512          | 0.274            | 0.128           | 5000           | 16 <sup>45</sup>   |
| 31                       | 0.110             | 0.087            | 0.0707           | 0.0558           | 0.0384           | 0.0248           | 0.0124           | 0.00248          | —                | —                | 0.373            | 0.124           | 5000           | 16 <sup>45</sup>   |
| M                        | 0.110             | 0.0833           | 0.0656           | 0.0477           | 0.0384           | 0.0302           | 0.0218           | 0.0146           | 0.00961          | 0.00512          | 0.274            | 0.128           |                |                    |
| мощ.                     | 0.722             | 0.58             | 0.498            | 0.432            | 0.357            | 0.282            | 0.208            | 0.124            | 0.0415           | 0.0171           | 5.30             | 0.82            |                |                    |
| мин.                     | 0.0187            | 0.0142           | 0.0118           | 0.00915          | 0.00262          | 0.00461          | 0.00278          | 0.000688         | 0.00181          | 0.00274          | 0.0627           | 0.0218          |                |                    |
| учтено                   | 23                | 23               | 23               | 23               | 23               | 21               | 21               | 20               | 13               | 5                | 23               | 23              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 5000 кгц

секретное время 19

долгота 76°55' E широта 43°15' N

Станция Алма-Ата

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub> | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пмч</sub> | Э <sub>ап</sub> | частота<br>кгц | Время<br>час. мин. |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|
| 1      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 2      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 3      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 4      | 192               | 150              | 116              | 94.6             | 74.9             | 55.0             | 37.4             | 19.8             | 2.2              | -                | 0.588            | 0.22            | 5000           | 19 <sup>30</sup>   |
| 5      | 240               | 197              | 165              | 13.8             | 11.1             | 8.39             | 5.41             | 2.43             | -                | -                | 0.216            | 0.027           | 5000           | 19 <sup>20</sup>   |
| 6      | 105               | 82.0             | 60.5             | 45.1             | 31.0             | 2.22             | 13.9             | 7.39             | 1.40             | -                | 0.254            | 0.117           | 5000           | 19 <sup>25</sup>   |
| 7      |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 8      | 206               | 146              | 120              | 101              | 83.0             | 62.7             | 47.0             | 31.4             | 14.6             | -                | 0.785            | 0.224           | 4950           | 19 <sup>30</sup>   |
| 9      | 299               | 255              | 207              | 160              | 115              | 7.84             | 5.10             | 2.38             | -                | -                | 0.156            | 0.034           | 5000           | 19 <sup>20</sup>   |
| 10     | 539               | 26.8             | 17.5             | 10.0             | 2.51             | -                | -                | -                | -                | -                | 0.216            | 0.072           |                | 19 <sup>00</sup>   |
| 11     | 118               | 76.4             | 58.8             | 47.0             | 37.6             | 31.7             | 25.9             | 18.8             | 11.78            | 2.35             | 0.235            | 0.118           | 5040           | 19 <sup>35</sup>   |
| 12     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 13     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 14     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 15     | 478               | 372              | 294              | 22.2             | 17.8             | 12.8             | 75.0             | 13.9             | -                | -                | 1.67             | 0.556           | 5000           | 19 <sup>30</sup>   |
| 16     | 109               | 92.6             | 77.4             | 65.4             | 54.5             | 43.6             | 33.8             | 24.0             | 14.1             | 5.45             | 0.174            | 0.109           | 5000           | 19 <sup>35</sup>   |
| 17     | 311               | 236              | 176              | 130.5            | 95.5             | 70.6             | 49.5             | 28.2             | 70.6             | -                | 0.924            | 0.353           | 5000           | 19 <sup>30</sup>   |
| 18     | 105               | 81.5             | 60.2             | 44.8             | 31.8             | 22.0             | 13.7             | 7.38             | 1.52             | -                | 0.254            | 0.117           | 5000           | 19 <sup>25</sup>   |
| 19     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 20     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 21     | 94.4              | 75.4             | 60.5             | 46.6             | 35.0             | 27.6             | 18.0             | 8.49             | -                | -                | 0.451            | 0.106           | 5000           | 19 <sup>20</sup>   |
| 22     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 23     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 24     | 370               | 306              | 255              | 212              | 174              | 132              | 97.6             | 61.6             | 21.2             | -                | 1.27             | 0.425           | 5000           | 19 <sup>00</sup>   |
| 25     | 104               | 78.0             | 62.5             | 52.9             | 44.4             | 34.8             | 24.0             | 12.0             | -                | -                | 0.884            | 0.120           | 5000           | 19 <sup>20</sup>   |
| 26     | 392               | 330              | 282              | 238              | 191              | 152              | 117              | 8.48             | 52.2             | 17.4             | 0.76             | 0.435           | 4950           | 19 <sup>25</sup>   |
| 27     | 62.6              | 37.1             | 24.8             | 16.3             | 7.83             | 1.959            | -                | -                | -                | -                | 1.96             | 0.653           | 4980           | 19 <sup>35</sup>   |
| 28     | 590               | 495              | 428              | 364              | 298              | 232              | 166              | 99.0             | 43.0             | -                | 1.27             | 0.664           | 5000           | 19 <sup>30</sup>   |
| 29     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 30     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| 31     |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |                |                    |
| M      | 118               | 92.6             | 77.4             | 65.4             | 54.5             | 39.2             | 33.8             | 18.8             | 10.6             | -                | 0.588            | 0.120           |                |                    |
| макс.  | 62.6              | 49.5             | 42.8             | 36.4             | 29.8             | 23.2             | 16.6             | 9.90             | 5.2.2            | -                | 1.96             | 0.664           |                |                    |
| мин.   | 24.0              | 19.7             | 16.5             | 10.0             | 2.51             | 7.84             | 5.10             | 2.38             | 11.78            | -                | 0.156            | 0.027           |                |                    |
| учтено | 17                | 17               | 17               | 17               | 17               | 16               | 15               | 15               | 10               | 3                | 17               | 17              |                |                    |

Примеч. Все значения V<sub>0,02</sub>-V<sub>0,0</sub> × 10<sup>-3</sup>

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Свободная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  5000 кГц

Станция Алма-Ата

секретное время 22 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$                  | $V_{0,8}$ | $V_{0,9}$ | $\Delta f_{\text{лин}}$ | $\Delta f_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|-----------|-----------|-------------------------|------------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           | Измерения не проводились   |           |           |                         |                        |                |                    |
| 2      |            |           |           |           |           |           |           | помехи р/ст.               |           |           |                         |                        |                |                    |
| 3      |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 4      |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 5      |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 6      |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 7      |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 8      |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 9      |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 10     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 11     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 12     |            |           |           |           |           |           |           | Измерения не проводились   |           |           |                         |                        |                |                    |
| 13     |            |           |           |           |           |           |           | помехи р/ст.               |           |           |                         |                        |                |                    |
| 14     |            |           |           |           |           |           |           | помехи р/ст.               |           |           |                         |                        |                |                    |
| 15     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 16     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 17     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 18     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 19     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 20     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 21     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 22     |            |           |           |           |           |           |           | Гроза. Выключ. аппаратура. |           |           |                         |                        |                |                    |
| 23     |            |           |           |           |           |           |           | помехи р/ст.               |           |           |                         |                        |                |                    |
| 24     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 25     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 26     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 27     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 28     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 29     |            |           |           |           |           |           |           | — I —                      |           |           |                         |                        |                |                    |
| 30     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| 31     |            |           |           |           |           |           |           | — II —                     |           |           |                         |                        |                |                    |
| M      |            |           |           |           |           |           |           |                            |           |           |                         |                        |                |                    |
| макс.  |            |           |           |           |           |           |           |                            |           |           |                         |                        |                |                    |
| мин.   |            |           |           |           |           |           |           |                            |           |           |                         |                        |                |                    |
| учтено |            |           |           |           |           |           |           |                            |           |           |                         |                        |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кГц

Станция Алма-Ата  
 декретное время 01 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{лин}}$ | $\Sigma_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 3      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 4      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 8      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 9      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 10     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 17     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 18     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 20     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 21     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 25     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 26     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 27     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 28     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 30     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 31     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| M      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| макс.  |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| мин.   |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| учтено |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |

Составил \_\_\_\_\_  
 Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $D(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кгц

Станция Алма-Ата

секретное время 04 долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пнм}}$ | $\Sigma_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 3      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 4      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 8      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 9      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 10     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 17     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 18     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 20     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 21     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 25     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 26     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 27     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 28     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 30     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 31     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| M      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| макс.  |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| мин.   |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| учтено |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кГц

Станция Алма-Ата

секретное время 07 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пмх}}$ | $\Sigma_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 3      | 0.140      | 0.103     | 0.0754    | 0.0548    | 0.042     | 0.0321    | 0.0221    | 0.0124    | —         | —         | 0.7                   | 0.161                | 7500           | 07 55              |
| 4      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 7      | 0.185      | 0.143     | 0.115     | 0.0934    | 0.0768    | 0.0631    | 0.0508    | 0.0366    | 0.0231    | 0.00631   | 0.455                 | 0.210                | 7500           | 07 35              |
| 8      | 0.115      | 0.0812    | 0.0666    | 0.0537    | 0.046     | 0.0375    | 0.022     | 0.0218    | 0.0133    | 0.00363   | 0.19                  | 0.121                | 7500           | 07 50              |
| 9      | 0.465      | 0.351     | 0.294     | 0.260     | 0.221     | 0.170     | 0.119     | 0.071     | 0.0226    | —         | 1.7                   | 0.567                | 7500           | 07 40              |
| 10     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 12     | 0.158      | 0.119     | 0.0968    | 0.0809    | 0.0699    | 0.057     | 0.046     | 0.0333    | 0.0222    | 0.00416   | 0.317                 | 0.158                | 7550           | 07 00              |
| 13     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 17     | 0.0525     | 0.041     | 0.033     | 0.0278    | 0.0231    | 0.0189    | 0.0142    | 0.0105    | 0.00525   | —         | 0.105                 | 0.0525               | 7510           | 07 40              |
| 18     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 20     | 0.250      | 0.195     | 0.161     | 0.137     | 0.116     | 0.0924    | 0.0712    | 0.0528    | 0.0317    | 0.00792   | 0.396                 | 0.264                | 7510           | 07 40              |
| 21     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 24     | 0.142      | 0.109     | 0.0864    | 0.0708    | 0.058     | 0.0454    | 0.0354    | 0.0255    | 0.0156    | 0.00485   | 0.283                 | 0.142                | 7510           | 07 40              |
| 25     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 26     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 27     | 0.529      | 0.401     | 0.323     | 0.270     | 0.221     | 0.177     | 0.137     | 0.0984    | 0.064     | 0.0236    | 0.981                 | 0.638                | 7500           | 07 45              |
| 28     | 0.081      | 0.0729    | 0.0632    | 0.0526    | 0.0437    | 0.0356    | 0.0275    | 0.0202    | 0.0121    | 0.00324   | 0.162                 | 0.081                | 7500           | 08 00              |
| 29     |            |           |           |           |           |           |           |           |           |           |                       |                      |                |                    |
| 30     | 0.259      | 0.207     | 0.169     | 0.137     | 0.108     | 0.0874    | 0.0641    | 0.0436    | 0.0145    | —         | 0.378                 | 0.291                | 7500           | 07 30              |
| 31     | 0.143      | 0.113     | 0.0924    | 0.0748    | 0.063     | 0.0516    | 0.0408    | 0.0292    | 0.0148    | —         | 0.217                 | 0.181                | 7500           | 07 35              |
| M      | 0.150      | 0.116     | 0.0946    | 0.0778    | 0.0664    | 0.0544    | 0.0434    | 0.0312    | 0.0166    | 0.00425   | 0.348                 | 0.171                |                |                    |
| макс.  | 0.529      | 0.401     | 0.323     | 0.270     | 0.221     | 0.177     | 0.137     | 0.0984    | 0.064     | 0.00792   | 1.7                   | 0.638                |                |                    |
| мин.   | 0.0525     | 0.041     | 0.033     | 0.0278    | 0.0231    | 0.0189    | 0.0142    | 0.0105    | 0.00525   | 0.00236   | 0.105                 | 0.0525               |                |                    |
| учтено | 12         | 12        | 12        | 12        | 12        | 12        | 12        | 12        | 11        | 7         | 12                    | 12                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика Vp мкВ/м

f<sub>0</sub> = 7500 кГц

секретное время 10

долгота 76°55' E

широта 43°15' N

Станция Алма-Ата

| Дни    | V <sub>0,02</sub> | V <sub>0,1</sub> | V <sub>0,2</sub> | V <sub>0,3</sub> | V <sub>0,4</sub> | V <sub>0,5</sub> | V <sub>0,6</sub>        | V <sub>0,7</sub> | V <sub>0,8</sub> | V <sub>0,9</sub> | Э <sub>пнк</sub> | Э <sub>оп</sub> | частота<br>кГц | Время<br>час. мин. |  |
|--------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------------|------------------|------------------|------------------|------------------|-----------------|----------------|--------------------|--|
| 1      |                   |                  |                  |                  |                  |                  | Измерен. не проводились |                  |                  |                  |                  |                 |                |                    |  |
| 2      |                   |                  |                  |                  |                  |                  | помехи р/ст.            |                  |                  |                  |                  |                 |                |                    |  |
| 3      | 0.264             | 0.204            | 0.164            | 0.135            | 0.111            | 0.0902           | 0.069                   | 0.053            | 0.0342           | 0.0132           | 0.529            | 0.264           | 7540           | 10 <sup>32</sup>   |  |
| 4      | 0.849             | 0.650            | 0.642            | 0.457            | 0.377            | 0.311            | 0.245                   | 0.179            | 0.113            | 0.0377           | 0.00141          | 0.943           | 7500           | 10 <sup>22</sup>   |  |
| 5      | 0.0667            | 0.0469           | 0.0321           | 0.0247           | 0.0189           | 0.0132           | 0.00824                 | 0.00164          | —                | —                | 0.226            | 0.0824          | 7500           | 10 <sup>25</sup>   |  |
| 6      | 0.272             | 0.156            | 0.101            | 0.0652           | 0.060            | 0.0398           | 0.0362                  | —                | —                | —                | 0.605            | 0.362           | 7500           | 10 <sup>22</sup>   |  |
| 7      | 0.168             | 0.126            | 0.103            | 0.0875           | 0.0757           | 0.0622           | 0.054                   | 0.0387           | 0.0252           | 0.048            | 0.336            | 0.168           | 7500           | 10 <sup>25</sup>   |  |
| 8      |                   |                  |                  |                  |                  |                  | нет эр/эн.              |                  |                  |                  |                  |                 |                |                    |  |
| 9      | 0.0104            | 0.00796          | 0.0059           | 0.00413          | 0.00266          | 0.00194          | 0.000413                | —                | —                | —                | 0.0945           | 0.048           | 7500           | 10 <sup>30</sup>   |  |
| 10     | 0.052             | 0.0362           | 0.0268           | 0.0202           | 0.0148           | 0.0112           | 0.00785                 | 0.00452          | 0.0012           | —                | 0.151            | 0.0604          | 7500           | 10 <sup>32</sup>   |  |
| 11     | 0.132             | 0.104            | 0.0858           | 0.0726           | 0.0606           | 0.0515           | 0.0436                  | 0.0304           | 0.0198           | 0.0066           | 0.189            | 0.132           | 7500           | 10 <sup>25</sup>   |  |
| 12     |                   |                  |                  |                  |                  |                  | Измерения               |                  |                  |                  |                  |                 |                |                    |  |
| 13     |                   |                  |                  |                  |                  |                  | не                      |                  |                  |                  |                  |                 |                |                    |  |
| 14     |                   |                  |                  |                  |                  |                  | проводились             |                  |                  |                  |                  |                 |                |                    |  |
| 15     | 0.515             | 0.421            | 0.360            | 0.310            | 0.234            | 0.204            | 0.164                   | 0.113            | 0.0744           | 0.0248           | 0.00123          | 0.62            | 7500           | 10 <sup>45</sup>   |  |
| 16     | 0.267             | 0.222            | 0.181            | 0.151            | 0.125            | 0.101            | 0.0744                  | 0.0416           | —                | —                | 1.03             | 0.297           | 7500           | 10 <sup>32</sup>   |  |
| 17     | 0.135             | 0.106            | 0.0882           | 0.073            | 0.0609           | 0.0456           | 0.0334                  | 0.0228           | 0.0106           | —                | 0.216            | 0.152           | 7500           | 10 <sup>30</sup>   |  |
| 18     | 0.116             | 0.080            | 0.0619           | 0.0479           | 0.0343           | 0.0231           | 0.0137                  | 0.0053           | —                | —                | 0.264            | 0.132           | 7500           | 10 <sup>45</sup>   |  |
| 19     |                   |                  |                  |                  |                  |                  | помехи р/ст.            |                  |                  |                  |                  |                 |                |                    |  |
| 20     | 0.505             | 0.402            | 0.314            | 0.255            | 0.198            | 0.147            | 0.0964                  | 0.0454           | 0.00567          | —                | 1.32             | 0.567           | 7560           | 11 <sup>00</sup>   |  |
| 21     | 0.0247            | 0.0186           | 0.0144           | 0.0117           | 0.00973          | 0.00779          | 0.00584                 | 0.00361          | 0.00139          | —                | 0.132            | 0.0278          | 7500           | 10 <sup>35</sup>   |  |
| 22     | 0.185             | 0.151            | 0.122            | 0.103            | 0.0852           | 0.0681           | 0.049                   | 0.0298           | 0.0106           | —                | 0.905            | 0.213           | 7500           | 10 <sup>32</sup>   |  |
| 23     | 0.199             | 0.154            | 0.127            | 0.108            | 0.0895           | 0.075            | 0.0583                  | 0.0436           | 0.027            | 0.00416          | 0.415            | 0.208           | 7570           | 10 <sup>22</sup>   |  |
| 24     | 0.105             | 0.0945           | 0.084            | 0.0735           | 0.063            | 0.0535           | 0.0441                  | 0.0346           | 0.0242           | 0.0126           | 0.189            | 0.105           | 7500           | 10 <sup>32</sup>   |  |
| 25     | 0.120             | 0.0945           | 0.0766           | 0.0621           | 0.0514           | 0.0419           | 0.0324                  | 0.0216           | 0.0108           | —                | 0.81             | 0.185           | 7500           | 10 <sup>22</sup>   |  |
| 26     | 0.587             | 0.404            | 0.339            | 0.292            | 0.253            | 0.215            | 0.174                   | 0.126            | 0.0774           | 0.0222           | 0.96             | 0.697           | 7500           | 10 <sup>32</sup>   |  |
| 27     | 0.155             | 0.113            | 0.0911           | 0.0756           | 0.0602           | 0.0481           | 0.0361                  | 0.0253           | 0.0137           | 0.00344          | 0.208            | 0.172           | 7500           | 10 <sup>22</sup>   |  |
| 28     | 0.206             | 0.164            | 0.133            | 0.103            | 0.0806           | 0.0605           | 0.0403                  | 0.0202           | —                | —                | 0.755            | 0.252           | 7500           | 10 <sup>32</sup>   |  |
| 29     | 0.0211            | 0.017            | 0.0139           | 0.012            | 0.0101           | 0.0084           | 0.00649                 | 0.0048           | 0.00162          | —                | 0.132            | 0.024           | 7500           | 10 <sup>45</sup>   |  |
| 30     | 0.0972            | 0.080            | 0.0653           | 0.0523           | 0.0453           | 0.0381           | 0.0313                  | 0.0237           | 0.0162           | 0.00756          | 0.151            | 0.108           | 7500           | 10 <sup>25</sup>   |  |
| 31     |                   |                  |                  |                  |                  |                  | Измерен. не провод.     |                  |                  |                  |                  |                 |                |                    |  |
| M      | 0.155             | 0.113            | 0.0911           | 0.0735           | 0.068            | 0.0515           | 0.0403                  | 0.0298           | 0.0162           | 0.0122           | 0.336            | 0.172           |                |                    |  |
| макс.  | 0.849             | 0.65             | 0.642            | 0.457            | 0.377            | 0.311            | 0.245                   | 0.179            | 0.113            | 0.0377           | 1.41             | 0.943           |                |                    |  |
| мин.   | 0.0211            | 0.017            | 0.0139           | 0.0117           | 0.00973          | 0.00779          | 0.00254                 | 0.00164          | 0.0012           | 0.00344          | 0.0945           | 0.048           |                |                    |  |
| учтено | 23                | 23               | 23               | 23               | 23               | 23               | 23                      | 21               | 17               | 10               | 23               | 23              |                |                    |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кгц

секретное время 13 долгота 76°55' E широта 43°15' N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$                | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $f_{\text{пнч}}$ | $f_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------|------------------|-----------------|----------------|--------------------|
| 1      |            |           |           |           |           | Измерения не проводились |           |           |           |           |                  |                 |                |                    |
| 2      | 0.162      | 0.087     | 0.0659    | 0.0506    | 0.0374    | 0.0267                   | 0.0172    | 0.0081    | —         | —         | 0.511            | 0.202           | 7500           | 13 <sup>55</sup>   |
| 3      | 0.161      | 0.0968    | 0.069     | 0.053     | 0.046     | 0.0368                   | 0.0276    | 0.0161    | 0.0115    | —         | 0.459            | 0.23            | 7520           | 13 <sup>56</sup>   |
| 4      | 0.392      | 0.312     | 0.246     | 0.205     | 0.167     | 0.134                    | 0.101     | 0.0715    | 0.0358    | 0.00447   | 0.51             | 0.447           | 7500           | 13 <sup>52</sup>   |
| 5      | 0.374      | 0.310     | 0.263     | 0.225     | 0.191     | 0.144                    | 0.106     | 0.0765    | 0.0425    | 0.0085    | 0.851            | 0.425           | 7500           | 13 <sup>56</sup>   |
| 6      | 0.0627     | 0.0458    | 0.039     | 0.0342    | 0.0309    | 0.0268                   | 0.0224    | 0.0175    | 0.0117    | 0.0054    | 0.0945           | 0.0675          | 7500           | 13 <sup>52</sup>   |
| 7      | 0.290      | 0.197     | 0.151     | 0.127     | 0.110     | 0.096                    | 0.0811    | 0.0667    | 0.0493    | 0.029     | 0.869            | 0.29            | 7500           | 13 <sup>55</sup>   |
| 8      |            |           |           |           |           | нет э/п/эп.              |           |           |           |           |                  |                 |                |                    |
| 9      | 0.0194     | 0.0152    | 0.0117    | 0.00905   | 0.00639   | 0.00419                  | 0.0022    | —         | —         | —         | 0.132            | 0.022           | 7500           | 13 <sup>55</sup>   |
| 10     | 0.121      | 0.0544    | 0.0377    | 0.0287    | 0.0211    | 0.0142                   | 0.0068    | —         | —         | —         | 0.188            | 0.151           | 7500           | 13 <sup>52</sup>   |
| 11     | 0.086      | 0.0665    | 0.0554    | 0.0471    | 0.0388    | 0.0323                   | 0.025     | 0.0185    | 0.012     | 0.0046    | 0.419            | 0.021           | 7500           | 13 <sup>55</sup>   |
| 12     |            |           |           |           |           | Измерения                |           |           |           |           |                  |                 |                |                    |
| 13     |            |           |           |           |           | не                       |           |           |           |           |                  |                 |                |                    |
| 14     |            |           |           |           |           | проводились              |           |           |           |           |                  |                 |                |                    |
| 15     | 0.504      | 0.411     | 0.344     | 0.287     | 0.244     | 0.200                    | 0.163     | 0.119     | 0.0704    | 0.0216    | 0.85             | 0.542           | 7500           | 13 <sup>55</sup>   |
| 16     | 0.106      | 0.0696    | 0.0666    | 0.0495    | 0.0425    | 0.0366                   | 0.0295    | 0.0236    | 0.0177    | 0.00945   | 0.188            | 0.118           | 7500           | 13 <sup>55</sup>   |
| 17     | 0.0901     | 0.0731    | 0.057     | 0.048     | 0.033     | 0.025                    | 0.018     | 0.010     | 0.002     | —         | 0.402            | 0.10            | 7500           | 13 <sup>56</sup>   |
| 18     | 0.963      | 0.747     | 0.611     | 0.498     | 0.385     | 0.294                    | 0.226     | 0.158     | 0.0566    | —         | 2.64             | 1.13            | 7500           | 13 <sup>52</sup>   |
| 19     | 0.366      | 0.239     | 0.192     | 0.162     | 0.135     | 0.112                    | 0.0886    | 0.0664    | 0.0424    | 0.0164    | 1.15             | 0.385           | 7500           | 13 <sup>52</sup>   |
| 20     |            |           |           |           |           | Эрроз                    |           |           |           |           |                  |                 |                |                    |
| 21     | 0.143      | 0.114     | 0.0929    | 0.0815    | 0.0716    | 0.062                    | 0.0505    | 0.0391    | 0.0244    | 0.0065    | 0.735            | 0.163           | 7500           | 13 <sup>55</sup>   |
| 22     | 0.721      | 0.486     | 0.339     | 0.254     | 0.182     | 0.130                    | 0.0984    | 0.0695    | 0.0417    | —         | 1.3              | 0.87            | 7500           | 13 <sup>52</sup>   |
| 23     | 0.256      | 0.205     | 0.169     | 0.141     | 0.123     | 0.102                    | 0.087     | 0.0691    | 0.0512    | 0.0256    | 0.642            | 0.256           | 7520           | 13 <sup>52</sup>   |
| 24     | 0.339      | 0.265     | 0.214     | 0.168     | 0.129     | 0.0935                   | 0.0663    | 0.0351    | —         | —         | 1.17             | 0.39            | 7500           | 13 <sup>55</sup>   |
| 25     | 0.0909     | 0.0745    | 0.0622    | 0.051     | 0.0408    | 0.0316                   | 0.0235    | 0.0153    | 0.0064    | —         | 0.547            | 0.102           | 7500           | 13 <sup>52</sup>   |
| 26     | 0.165      | 0.128     | 0.103     | 0.0919    | 0.0738    | 0.0606                   | 0.0485    | 0.0352    | 0.0239    | 0.00829   | 0.564            | 0.188           | 7500           | 13 <sup>52</sup>   |
| 27     | 0.0945     | 0.0813    | 0.069     | 0.0576    | 0.0491    | 0.0397                   | 0.0312    | 0.0227    | 0.0142    | 0.00473   | 0.189            | 0.0945          | 7500           | 13 <sup>52</sup>   |
| 28     |            |           |           |           |           | Эрроз                    |           |           |           |           |                  |                 |                |                    |
| 29     | 0.106      | 0.0861    | 0.0685    | 0.0566    | 0.0472    | 0.0378                   | 0.0283    | 0.0189    | 0.00709   | —         | 0.471            | 0.148           | 7500           | 13 <sup>55</sup>   |
| 30     | 0.169      | 0.128     | 0.102     | 0.0815    | 0.0632    | 0.0502                   | 0.0366    | 0.0235    | 0.00834   | —         | 0.813            | 0.202           | 7500           | 13 <sup>52</sup>   |
| 31     | 0.142      | 0.114     | 0.0836    | 0.0709    | 0.058     | 0.0466                   | 0.0338    | 0.0209    | 0.00484   | —         | 0.565            | 0.161           | 7500           | 13 <sup>52</sup>   |
| M      | 0.162      | 0.114     | 0.0882    | 0.0762    | 0.0621    | 0.0484                   | 0.0323    | 0.0293    | 0.0239    | 0.00839   | 0.555            | 0.195           |                |                    |
| макс.  | 0.963      | 0.747     | 0.611     | 0.498     | 0.385     | 0.294                    | 0.226     | 0.158     | 0.0704    | 0.029     | 2.64             | 1.13            |                |                    |
| мин.   | 0.0194     | 0.0152    | 0.0117    | 0.00905   | 0.00639   | 0.0042                   | 0.0022    | 0.0081    | 0.002     | 0.00447   | 0.119            | 0.022           |                |                    |
| учтено | 24         | 24        | 24        | 24        | 24        | 24                       | 24        | 22        | 19        | 12        | 24               | 24              |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кгц

секретное время 16

долгота 76°55'E широта 43°15'N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{\text{пнч}}$ | $\mathcal{E}_{\text{оп}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|---------------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 2      | 0.355      | 0.276     | 0.222     | 0.175     | 0.124     | 0.0697    | 0.0418    | —         | —         | —         | 1.18                       | 0.418                     | 7500           | 16 <sup>30</sup>   |
| 3      | 0.100      | 0.068     | 0.0521    | 0.0388    | 0.0266    | 0.0182    | 0.0109    | 0.00605   | 0.00242   | —         | 0.544                      | 0.121                     | 7520           | 16 <sup>35</sup>   |
| 4      | 0.326      | 0.248     | 0.202     | 0.173     | 0.138     | 0.113     | 0.0885    | 0.0602    | 0.0288    | —         | 0.567                      | 0.354                     | 7500           | 16 <sup>40</sup>   |
| 5      | 0.244      | 0.179     | 0.136     | 0.108     | 0.0895    | 0.0705    | 0.0515    | 0.0325    | 0.0195    | —         | 0.70                       | 0.271                     | 7500           | 16 <sup>25</sup>   |
| 6      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 7      | 0.282      | 0.187     | 0.138     | 0.108     | 0.0828    | 0.0618    | 0.046     | 0.0306    | 0.00306   | —         | 1.524                      | 0.306                     | 7540           | 16 <sup>45</sup>   |
| 8      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 9      | 0.161      | 0.122     | 0.096     | 0.0755    | 0.0591    | 0.0408    | 0.0224    | 0.00408   | —         | —         | 0.204                      | 0.17                      | 7500           | 16 <sup>25</sup>   |
| 10     | 0.0507     | 0.0401    | 0.0369    | 0.025     | 0.0195    | 0.0146    | 0.0105    | 0.0064    | 0.00233   | —         | 0.083                      | 0.0582                    | 7500           | 16 <sup>25</sup>   |
| 11     | 0.282      | 0.166     | 0.121     | 0.098     | 0.0733    | 0.0536    | 0.0366    | 0.0198    | 0.00423   | —         | 0.472                      | 0.282                     | 7510           | 16 <sup>45</sup>   |
| 12     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 13     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 14     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 15     | 0.171      | 0.132     | 0.108     | 0.0896    | 0.0728    | 0.0571    | 0.0413    | 0.0276    | 0.0188    | —         | 0.435                      | 0.107                     | 7500           | 16 <sup>35</sup>   |
| 16     | 0.347      | 0.260     | 0.217     | 0.181     | 0.159     | 0.102     | 0.0884    | 0.0616    | 0.058     | 0.0146    | 0.724                      | 0.362                     | 7500           | 16 <sup>45</sup>   |
| 17     | 0.128      | 0.0995    | 0.0794    | 0.062     | 0.049     | 0.0374    | 0.0259    | 0.0144    | 0.00288   | —         | 0.435                      | 0.144                     | 7500           | 16 <sup>20</sup>   |
| 18     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 19     | 0.254      | 0.183     | 0.147     | 0.122     | 0.104     | 0.0839    | 0.0737    | 0.0684    | 0.0406    | 0.0152    | 0.702                      | 0.254                     | 7500           | 16 <sup>40</sup>   |
| 20     | 0.156      | 0.127     | 0.103     | 0.0831    | 0.0655    | 0.0495    | 0.0354    | 0.0195    | 0.00354   | —         | 0.473                      | 0.177                     | 7500           | 16 <sup>35</sup>   |
| 21     | 0.0411     | 0.0336    | 0.0266    | 0.0196    | 0.0149    | 0.0117    | 0.00841   | 0.00514   | 0.0014    | —         | 0.245                      | 0.0466                    | 7500           | 16 <sup>25</sup>   |
| 22     | 0.895      | 0.759     | 0.641     | 0.534     | 0.417     | 0.334     | 0.254     | 0.179     | 0.104     | —         | 2.26                       | 0.942                     | 7500           | 16 <sup>20</sup>   |
| 23     | 0.773      | 0.401     | 0.270     | 0.185     | 0.131     | 0.085     | 0.054     | 0.0232    | 0.00773   | —         | 1.547                      | 0.773                     | 7510           | 16 <sup>40</sup>   |
| 24     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 25     | 0.0336     | 0.0265    | 0.0204    | 0.0147    | 0.0102    | 0.00719   | 0.00491   | 0.00378   | —         | —         | 0.141                      | 0.0378                    | 7500           | 16 <sup>20</sup>   |
| 26     | 0.303      | 0.219     | 0.160     | 0.115     | 0.080     | 0.0578    | 0.0401    | 0.0226    | 0.0064    | —         | 0.944                      | 0.337                     | 7500           | 16 <sup>20</sup>   |
| 27     | 0.236      | 0.147     | 0.113     | 0.0783    | 0.0686    | 0.0515    | 0.0344    | 0.0197    | 0.00245   | —         | 0.981                      | 0.245                     | 7500           | 16 <sup>40</sup>   |
| 28     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |
| 29     | 0.164      | 0.138     | 0.113     | 0.0907    | 0.0775    | 0.0661    | 0.0529    | 0.0394    | 0.0227    | —         | 0.85                       | 0.139                     | 7500           | 16 <sup>25</sup>   |
| 30     | 0.174      | 0.136     | 0.114     | 0.0961    | 0.0795    | 0.0638    | 0.050     | 0.034     | 0.0169    | —         | 0.70                       | 0.20                      | 7500           | 16 <sup>30</sup>   |
| 31     | 0.151      | 0.122     | 0.0969    | 0.0799    | 0.0646    | 0.051     | 0.0357    | 0.0255    | 0.017     | 0.0068    | 0.61                       | 0.17                      | 7500           | 16 <sup>20</sup>   |
| M      | 0.250      | 0.142     | 0.114     | 0.0818    | 0.0754    | 0.0574    | 0.0408    | 0.0232    | 0.00773   | 0.0145    | 0.634                      | 0.222                     |                |                    |
| макс.  | 0.895      | 0.759     | 0.641     | 0.534     | 0.417     | 0.334     | 0.254     | 0.179     | 0.104     | 0.0152    | 2.26                       | 0.942                     |                |                    |
| мин.   | 0.0336     | 0.0265    | 0.0204    | 0.0147    | 0.0102    | 0.00719   | 0.00491   | 0.00378   | 0.0014    | 0.0068    | 0.083                      | 0.0378                    |                |                    |
| учтено | 22         | 22        | 22        | 22        | 22        | 22        | 22        | 21        | 19        | 3         | 22                         | 22                        |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кГц

секретное время 19

долгота 76°56' E

широта 43°15' N

Станция Арма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$      | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta f_{\text{пнч}}$ | $\Delta f_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|-----------|-------------------------|------------------------|----------------|--------------------|
| 1      |            |           |           |           |           | измерения | не проводились |           |           |           |                         |                        |                |                    |
| 2      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 3      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 4      | 292        | 235       | 191       | 148       | 7         | 908       | 588            | 37.0      | 16.8      | -         | 0.605                   | 0.336                  | 7500           | 19 <sup>00</sup>   |
| 5      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 6      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 7      | 776        | 396       | 230       | 134       | 79.2      | 39.6      | 1584           | -         | -         | -         | 3.96                    | 0.792                  | 7450           | 19 <sup>30</sup>   |
| 8      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 9      |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 10     | 581        | 375       | 269       | 202       | 145       | 85.1      | 36.8           | -         | -         | -         | 2.26                    | 0.709                  | 7500           | 19 <sup>30</sup>   |
| 11     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 12     |            |           |           |           |           | измерения | не проводились |           |           |           |                         |                        |                |                    |
| 13     |            |           |           |           |           | измерения | не проводились |           |           |           |                         |                        |                |                    |
| 14     |            |           |           |           |           | измерения | не проводились |           |           |           |                         |                        |                |                    |
| 15     | 266        | 216       | 177       | 141       | 115       | 90.6      | 68.0           | 45.3      | 22.6      | -         | 0.85                    | 0.283                  | 7500           | 19 <sup>00</sup>   |
| 16     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 17     |            |           |           |           |           |           | интерфер       |           |           |           |                         |                        |                |                    |
| 18     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 19     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 20     | 250        | 193       | 156       | 130.5     | 111       | 91.0      | 73.8           | 57.0      | 36.9      | -         | 0.944                   | 0.284                  | 7500           | 19 <sup>00</sup>   |
| 21     |            |           |           |           |           |           | интерфер       |           |           |           |                         |                        |                |                    |
| 22     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 23     |            |           |           |           |           |           | гроза          |           |           |           |                         |                        |                |                    |
| 24     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 25     |            |           |           |           |           |           | интерфер       |           |           |           |                         |                        |                |                    |
| 26     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 27     | 2860       | 1730      | 1220      | 884       | 610       | 396       | 244            | 60.1      | -         | -         | 6.1                     | 3.05                   | 7500           | 19 <sup>00</sup>   |
| 28     | 336        | 274       | 239       | 206       | 170       | 132       | 91.6           | 58.0      | 27.0      | -         | 0.85                    | 0.386                  | 7500           | 19 <sup>00</sup>   |
| 29     | 340        | 274       | 229       | 198.5     | 172       | 145       | 118            | 91.6      | 61.1      | 22.9      | 0.981                   | 0.382                  | 7500           | 19 <sup>00</sup>   |
| 30     |            |           |           |           |           |           | помехи р/ст    |           |           |           |                         |                        |                |                    |
| 31     |            |           |           |           |           | измерен.  | не провод.     |           |           |           |                         |                        |                |                    |
| M      | 338        | 274       | 230       | 173.2     | 131       | 90.9      | 70.9           | 57.5      | 27.0      | -         | 0.962                   | 0.384                  |                |                    |
| макс.  | 2860       | 1730      | 1220      | 884       | 670       | 396       | 240            | 91.6      | 61.1      | -         | 6.1                     | 3.05                   |                |                    |
| мин.   | 250        | 193       | 156       | 130.5     | 79.2      | 39.6      | 1584           | 37.0      | 16.8      | -         | 0.605                   | 0.283                  |                |                    |
| учтено | 8          | 8         | 8         | 8         | 8         | 8         | 8              | 6         | 5         |           | 8                       | 8                      |                |                    |

Примеч. Все значения  $V_{0,02}$ - $V_{0,9}$  умножить на  $10^{-3}$

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  7500 кгц

секретное время 22

Станция Алма-Ата  
долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$                       | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{лин}$ | $\mathcal{E}_{оп}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|---------------------|--------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           | <i>Измерения не проводились</i> |           |           |           |                     |                    |                |                    |
| 2      | 0.814      | 0.684     | 0.561     | 0.467     | 0.402     | 0.340     | 0.279                           | 0.210     | 0.146     | 0.0713    | 1.83                | 0.915              | 7500           | 22 30              |
| 3      |            |           |           |           |           |           | <i>помехи р/ст.</i>             |           |           |           |                     |                    |                |                    |
| 4      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 5      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 6      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 7      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 8      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 9      |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 10     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 11     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 12     |            |           |           |           |           |           | <i>Измерения</i>                |           |           |           |                     |                    |                |                    |
| 13     |            |           |           |           |           |           | <i>не</i>                       |           |           |           |                     |                    |                |                    |
| 14     |            |           |           |           |           |           | <i>проводились</i>              |           |           |           |                     |                    |                |                    |
| 15     |            |           |           |           |           |           | <i>помехи р/ст.</i>             |           |           |           |                     |                    |                |                    |
| 16     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 17     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 18     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 19     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 20     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 21     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 22     |            |           |           |           |           |           | <i>гроза</i>                    |           |           |           |                     |                    |                |                    |
| 23     | 1.250      | 0.791     | 0.436     | 0.317     | 0.250     | 0.198     | 0.145                           | 0.0924    | 0.0527    | —         | 2.64                | 1.32               | 7510           | 22 35              |
| 24     |            |           |           |           |           |           | <i>помехи р/ст.</i>             |           |           |           |                     |                    |                |                    |
| 25     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 26     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 27     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 28     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 29     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 30     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| 31     |            |           |           |           |           |           | — " —                           |           |           |           |                     |                    |                |                    |
| M      |            |           |           |           |           |           |                                 |           |           |           |                     |                    |                |                    |
| макс.  |            |           |           |           |           |           |                                 |           |           |           |                     |                    |                |                    |
| мин.   |            |           |           |           |           |           |                                 |           |           |           |                     |                    |                |                    |
| учтено |            |           |           |           |           |           |                                 |           |           |           |                     |                    |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  10000 кГц

секретное время 01 долгота 76°55' E широта 43°15' N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\mathcal{E}_{\text{лим}}$ | $\mathcal{E}_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |   |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|---------------------------|----------------|--------------------|---|
| 1      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 2      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 3      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 4      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 5      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 6      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 7      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 8      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 9      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 10     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 11     | 0.521      | 0.416     | 0.336     | 0.275     | 0.216     | 0.167     | 0.132     | 0.0967    | 0.0567    | 0.0092    | 0.80                       | 0.60                      | 10050          | 01 <sup>30</sup>   |   |
| 12     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 13     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 14     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 15     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 16     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 17     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 18     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 19     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 20     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 21     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 22     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 23     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 24     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 25     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 26     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 27     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 28     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 29     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 30     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| 31     |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| M      |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| мочс.  |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| мин.   |            |           |           |           |           |           |           |           |           |           |                            |                           |                |                    |   |
| учтено | /          | /         | /         | /         | /         | /         | /         | /         | /         | /         | /                          | /                         | /              | /                  | / |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Свободная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  10000 кгц

Станция Алма-Ата  
секретное время 04 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$                   | $V_{0,6}$ | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta_{\text{лин}}$ | $\Delta_{\text{оп}}$ | частота<br>кгц | Время<br>час. мин. |  |
|--------|------------|-----------|-----------|-----------|-----------|-----------------------------|-----------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|--|
| 1      |            |           |           |           |           | Вещание и телеграфн. работа |           |           |           |           |                       |                      |                |                    |  |
| 2      |            |           |           |           |           | Измерен. не проводились     |           |           |           |           |                       |                      |                |                    |  |
| 3      | 0.189      | 0.123     | 0.0858    | 0.059     | 0.0322    | 0.0107                      | —         | —         | —         | —         | 0.965                 | 0.214                | 10050          | 04 <sup>25</sup>   |  |
| 4      |            |           |           |           |           | Вещание и телеграфн. работа |           |           |           |           |                       |                      |                |                    |  |
| 5      |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 6      |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 7      |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 8      |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 9      |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 10     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 11     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 12     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 13     |            |           |           |           |           | Измерения                   |           |           |           |           |                       |                      |                |                    |  |
| 14     |            |           |           |           |           | не                          |           |           |           |           |                       |                      |                |                    |  |
| 15     |            |           |           |           |           | проводились                 |           |           |           |           |                       |                      |                |                    |  |
| 16     | 0.230      | 0.188     | 0.157     | 0.134     | 0.111     | 0.085                       | 0.062     | 0.0387    | 0.0181    | —         | 0.582                 | 0.258                | 10.000         | 04 <sup>50</sup>   |  |
| 17     |            |           |           |           |           | Вещание и телеграфн. работа |           |           |           |           |                       |                      |                |                    |  |
| 18     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 19     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 20     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 21     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 22     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 23     | 0.303      | 0.200     | 0.153     | 0.131     | 0.109     | 0.0912                      | 0.0711    | 0.051     | 0.0291    | 0.00728   | 0.727                 | 0.364                | 10.050         | 04 <sup>30</sup>   |  |
| 24     |            |           |           |           |           | Вещание и телегр. работа    |           |           |           |           |                       |                      |                |                    |  |
| 25     | 0.243      | 0.189     | 0.154     | 0.121     | 0.0945    | 0.0675                      | 0.0405    | 0.0135    | —         | —         | 0.944                 | 0.27                 | 10000          | 04 <sup>50</sup>   |  |
| 26     |            |           |           |           |           | Вещание и телеграфн. работа |           |           |           |           |                       |                      |                |                    |  |
| 27     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 28     |            |           |           |           |           | Измерен. не проводились     |           |           |           |           |                       |                      |                |                    |  |
| 29     |            |           |           |           |           | Вещание и телеграфн. работа |           |           |           |           |                       |                      |                |                    |  |
| 30     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| 31     |            |           |           |           |           | —    —                      |           |           |           |           |                       |                      |                |                    |  |
| M      | 0,236      | 0,188     | 0,154     | 0,126     | 0,1017    | 0,0762                      | 0,062     | 0,0387    | 0,0236    | —         | 0,835                 |                      |                |                    |  |
| макс.  | 0,303      | 0,200     | 0,157     | 0,134     | 0,111     | 0,0912                      | 0,0711    | 0,051     | 0,0291    | —         | 0,965                 |                      |                |                    |  |
| мин.   | 0,189      | 0,123     | 0,0858    | 0,059     | 0,0322    | 0,0107                      | 0,0405    | 0,0135    | 0,0181    | —         | 0,582                 |                      |                |                    |  |
| учтено | 4          | 4         | 4         | 4         | 4         | 4                           | 3         | 3         | 2         | —         | 4                     |                      |                |                    |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи

Сводная таблица D(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  10000 кгц

Станция Алма-Ата  
секретное время 07 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$           | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta_{\text{лим}}$ | $\Delta_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|---------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           | Измерен. не провод. |           |           |           |                       |                      |                |                    |
| 3      |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 4      |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 8      | 0.362      | 0.274     | 0.214     | 0.170     | 0.131     | 0.101     | 0.070               | 0.0436    | 0.0218    | —         | 0.655                 | 0.436                | 10.000         | 08 <sup>00</sup>   |
| 9      |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 10     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           | Измерения           |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           | не                  |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           | проводилась         |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 17     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 18     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 20     | 0.285      | 0.195     | 0.153     | 0.129     | 0.111     | 0.093     | 0.075               | 0.054     | 0.036     | 0.009     | 0.60                  | 0.30                 | 10.000         | 07 <sup>30</sup>   |
| 21     |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 25     | 0.153      | 0.122     | 0.0965    | 0.0729    | 0.0564    | 0.040     | 0.0236              | 0.00728   | —         | —         | 0.637                 | 0.182                | 10.000         | 07 <sup>30</sup>   |
| 26     |            |           |           |           |           |           | помехи р/ст.        |           |           |           |                       |                      |                |                    |
| 27     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 28     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 30     |            |           |           |           |           |           | — " —               |           |           |           |                       |                      |                |                    |
| 31     |            |           |           |           |           |           |                     |           |           |           |                       |                      |                |                    |
| М      | 0.285      | 0.195     | 0.153     | 0.129     | 0.111     | 0.093     | 0.070               | 0.0436    | 0.0289    | 0.009     | 0.657                 |                      |                |                    |
| макс.  | 0.362      | 0.274     | 0.214     | 0.170     | 0.131     | 0.101     | 0.075               | 0.054     | 0.036     | 0.009     | 0.655                 |                      |                |                    |
| мин.   | 0.153      | 0.122     | 0.0965    | 0.0729    | 0.0564    | 0.040     | 0.0236              | 0.00728   | 0.0218    | 0.009     | 0.60                  |                      |                |                    |
| учтено | 3          | 3         | 3         | 3         | 3         | 3         | 3                   | 3         | 2         | 1         | 3                     |                      |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 = 10.000$  кГц

секретное время 10 долгота 76°55' E широта 43°15' N

Станция Салма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$               | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{пнк}}$ | $\Sigma_{\text{ап}}$ | частота<br>кГц | Время<br>час. мин. |  |  |
|--------|------------|-----------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|--|--|
| 1      |            |           |           |           |           |           | Измерения не провод.    |           |           |           |                       |                      |                |                    |  |  |
| 2      |            |           |           |           |           |           | помехи р/ст.            |           |           |           |                       |                      |                |                    |  |  |
| 3      | 0.162      | 0.120     | 0.0976    | 0.0823    | 0.0689    | 0.0555    | 0.044                   | 0.0325    | 0.0191    | 0.00573   | 0.273                 | 0.191                | 10.020         | 10 <sup>25</sup>   |  |  |
| 4      | 0.246      | 0.195     | 0.151     | 0.125     | 0.101     | 0.0821    | 0.063                   | 0.0438    | 0.0283    | 0.00274   | 0.364                 | 0.274                | 10.000         | 10 <sup>55</sup>   |  |  |
| 5      | 0.162      | 0.124     | 0.102     | 0.0875    | 0.073     | 0.0584    | 0.0419                  | 0.0273    | 0.0146    | 0.00182   | 0.474                 | 0.182                | 10.000         | 10 <sup>30</sup>   |  |  |
| 6      | 0.120      | 0.0755    | 0.051     | 0.0377    | 0.0268    | 0.016     | 0.00435                 | —         | —         | —         | 0.605                 | 0.362                | 10.000         | 10 <sup>30</sup>   |  |  |
| 7      | 0.109      | 0.0786    | 0.0623    | 0.0514    | 0.0416    | 0.0338    | 0.0273                  | 0.0207    | 0.0142    | 0.00545   | 0.218                 | 0.109                | 10.000         | 10 <sup>25</sup>   |  |  |
| 8      |            |           |           |           |           |           | нет за./за              |           |           |           |                       |                      |                |                    |  |  |
| 9      | 0.104      | 0.0901    | 0.0705    | 0.051     | 0.0375    | 0.0255    | 0.0165                  | 0.006     | —         | —         | 0.80                  | 0.15                 | 10.000         | 10 <sup>25</sup>   |  |  |
| 10     | 0.288      | 0.200     | 0.156     | 0.115     | 0.0873    | 0.0653    | 0.0493                  | 0.031     | 0.0152    | —         | 0.455                 | 0.379                | 10.000         | 10 <sup>20</sup>   |  |  |
| 11     |            |           |           |           |           |           | помехи р/ст             |           |           |           |                       |                      |                |                    |  |  |
| 12     |            |           |           |           |           |           | Измерения               |           |           |           |                       |                      |                |                    |  |  |
| 13     |            |           |           |           |           |           | не                      |           |           |           |                       |                      |                |                    |  |  |
| 14     |            |           |           |           |           |           | проводились             |           |           |           |                       |                      |                |                    |  |  |
| 15     | 0.141      | 0.116     | 0.0935    | 0.0765    | 0.063     | 0.051     | 0.0374                  | 0.0255    | 0.0136    | 0.0017    | 0.273                 | 0.17                 | 10.000         | 10 <sup>55</sup>   |  |  |
| 16     | 0.205      | 0.164     | 0.135     | 0.109     | 0.0912    | 0.073     | 0.057                   | 0.0365    | 0.0205    | 0.00842   | 0.364                 | 0.228                | 10.000         | 10 <sup>55</sup>   |  |  |
| 17     | 0.0617     | 0.0498    | 0.042     | 0.0364    | 0.0315    | 0.0273    | 0.0224                  | 0.0175    | 0.0119    | 0.0056    | 0.14                  | 0.0701               | 10.000         | 10 <sup>55</sup>   |  |  |
| 18     | 0.095      | 0.0535    | 0.0349    | 0.0224    | 0.014     | 0.00516   | —                       | —         | —         | —         | 0.327                 | 0.109                | 10.000         | 10 <sup>30</sup>   |  |  |
| 19     |            |           |           |           |           |           | помехи р/ст.            |           |           |           |                       |                      |                |                    |  |  |
| 20     | 0.960      | 0.764     | 0.621     | 0.512     | 0.425     | 0.349     | 0.262                   | 0.175     | 0.0873    | —         | 1.64                  | 1.09                 | 10.000         | 11 <sup>10</sup>   |  |  |
| 21     | 0.116      | 0.0921    | 0.0764    | 0.061     | 0.0455    | 0.0325    | 0.0221                  | 0.013     | 0.0052    | —         | 0.62                  | 0.13                 | 10.000         | 10 <sup>20</sup>   |  |  |
| 22     | 0.106      | 0.0686    | 0.0526    | 0.040     | 0.0294    | 0.0207    | 0.0124                  | 0.00518   | —         | —         | 0.291                 | 0.13                 | 10.000         | 10 <sup>35</sup>   |  |  |
| 23     |            |           |           |           |           |           | помехи р/ст             |           |           |           |                       |                      |                |                    |  |  |
| 24     |            |           |           |           |           |           | помехи р/ст             |           |           |           |                       |                      |                |                    |  |  |
| 25     | 0.129      | 0.102     | 0.0826    | 0.0681    | 0.0551    | 0.0435    | 0.0305                  | 0.016     | —         | —         | 0.875                 | 0.145                | 10.000         | 10 <sup>35</sup>   |  |  |
| 26     | 0.0908     | 0.0804    | 0.0622    | 0.0498    | 0.0413    | 0.033     | 0.0249                  | 0.0162    | 0.00701   | —         | 0.191                 | 0.113                | 10.000         | 10 <sup>55</sup>   |  |  |
| 27     | 0.0827     | 0.0636    | 0.0504    | 0.0406    | 0.033     | 0.0256    | 0.019                   | 0.0132    | 0.00744   | 0.00248   | 0.182                 | 0.037                | 10.000         | 10 <sup>30</sup>   |  |  |
| 28     | 0.319      | 0.266     | 0.223     | 0.190     | 0.154     | 0.123     | 0.0948                  | 0.0667    | 0.0386    | 0.00222   | 0.492                 | 0.351                | 10.000         | 10 <sup>55</sup>   |  |  |
| 29     | 0.103      | 0.0824    | 0.0661    | 0.051     | 0.0394    | 0.0267    | 0.0174                  | 0.00926   | 0.00116   | —         | 0.695                 | 0.116                | 10.000         | 10 <sup>30</sup>   |  |  |
| 30     |            |           |           |           |           |           | помехи р/ст.            |           |           |           |                       |                      |                |                    |  |  |
| 31     |            |           |           |           |           |           | Измерен. не проводились |           |           |           |                       |                      |                |                    |  |  |
| M      | 0.120      | 0.0921    | 0.0754    | 0.061     | 0.0455    | 0.0338    | 0.0229                  | 0.0207    | 0.0139    | 0.00342   | 0.364                 | 0.150                |                |                    |  |  |
| макс.  | 0.960      | 0.764     | 0.621     | 0.512     | 0.425     | 0.349     | 0.262                   | 0.175     | 0.0873    | 0.00702   | 1.64                  | 1.09                 |                |                    |  |  |
| мин.   | 0.0617     | 0.0498    | 0.0349    | 0.0224    | 0.014     | 0.00516   | 0.00435                 | 0.00518   | 0.0016    | 0.0017    | 0.14                  | 0.0701               |                |                    |  |  |
| учтено | 19         | 19        | 19        | 19        | 19        | 19        | 18                      | 17        | 14        | 9         | 19                    | 19                   |                |                    |  |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_o =$  10.000 кгц

секретное время 13

долгота 76°55'E

широта 43°15'N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$   | $V_{0,6}$                | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $S_{\text{пнк}}$ | $S_{\text{ап}}$ | частота<br>кгц | Время<br>час. мин. |  |  |
|--------|------------|-----------|-----------|-----------|-----------|-------------|--------------------------|-----------|-----------|-----------|------------------|-----------------|----------------|--------------------|--|--|
| 1      |            |           |           |           |           |             | Измерения не проводились |           |           |           |                  |                 |                |                    |  |  |
| 2      | 0.0377     | 0.0278    | 0.0227    | 0.0195    | 0.0164    | 0.0131      | 0.00942                  | 0.00534   | —         | —         | 0.0546           | 0.041           | 10.000         | 14 <sup>00</sup>   |  |  |
| 3      | 0.080      | 0.0485    | 0.0364    | 0.0278    | 0.0194    | 0.0133      | 0.00726                  | 0.00242   | —         | —         | 0.364            | 0.121           | 10.040         | 13 <sup>55</sup>   |  |  |
| 4      | 0.143      | 0.111     | 0.0864    | 0.0706    | 0.0564    | 0.044       | 0.0308                   | 0.0183    | 0.00498   | —         | 0.291            | 0.166           | 10.000         | 13 <sup>50</sup>   |  |  |
| 5      | 0.219      | 0.174     | 0.136     | 0.101     | 0.0756    | 0.058       | 0.0454                   | 0.0353    | 0.0226    | 0.00505   | 0.66             | 0.252           | 10.000         | 13 <sup>40</sup>   |  |  |
| 6      | 0.187      | 0.137     | 0.104     | 0.0834    | 0.0692    | 0.0564      | 0.0434                   | 0.0301    | 0.0201    | 0.00228   | 0.419            | 0.228           | 10.000         | 13 <sup>50</sup>   |  |  |
| 7      | 0.300      | 0.229     | 0.161     | 0.103     | 0.0682    | 0.0434      | 0.0248                   | 0.0093    | —         | —         | 1.23             | 0.310           | 10.010         | 14 <sup>05</sup>   |  |  |
| 8      |            |           |           |           |           | нет эл./эл. |                          |           |           |           |                  |                 |                |                    |  |  |
| 9      | 0.0822     | 0.0637    | 0.048     | 0.0369    | 0.0258    | 0.0185      | 0.00925                  | —         | —         | —         | 0.555            | 0.0925          | 10.000         | 13 <sup>40</sup>   |  |  |
| 10     | 0.292      | 0.185     | 0.124     | 0.088     | 0.0624    | 0.0388      | 0.0131                   | —         | —         | —         | 0.656            | 0.328           | 10.000         | 13 <sup>55</sup>   |  |  |
| 11     | 0.146      | 0.112     | 0.0901    | 0.073     | 0.0611    | 0.051       | 0.0408                   | 0.0306    | 0.0204    | 0.0085    | 0.51             | 0.17            | 10.000         | 13 <sup>32</sup>   |  |  |
| 12     |            |           |           |           |           | Измерения   |                          |           |           |           |                  |                 |                |                    |  |  |
| 13     |            |           |           |           |           | не          |                          |           |           |           |                  |                 |                |                    |  |  |
| 14     |            |           |           |           |           | проводились |                          |           |           |           |                  |                 |                |                    |  |  |
| 15     | 0.266      | 0.206     | 0.175     | 0.130     | 0.0934    | 0.0707      | 0.051                    | 0.0283    | 0.00283   | —         | 0.637            | 0.283           | 10.000         | 13 <sup>55</sup>   |  |  |
| 16     | 0.151      | 0.122     | 0.0974    | 0.0818    | 0.0679    | 0.0574      | 0.047                    | 0.0365    | 0.0244    | 0.0104    | 0.416            | 0.174           | 10.000         | 14 <sup>05</sup>   |  |  |
| 17     | 0.0939     | 0.0729    | 0.0604    | 0.050     | 0.0416    | 0.0333      | 0.025                    | 0.0156    | 0.00521   | —         | 0.382            | 0.104           | 10.000         | 13 <sup>30</sup>   |  |  |
| 18     | 0.715      | 0.490     | 0.350     | 0.231     | 0.145     | 0.087       | 0.0289                   | —         | —         | —         | 1.54             | 0.968           | 10.000         | 13 <sup>40</sup>   |  |  |
| 19     | 0.291      | 0.215     | 0.169     | 0.134     | 0.108     | 0.0873      | 0.0641                   | 0.0437    | 0.0204    | —         | 0.582            | 0.291           | 10.000         | 13 <sup>50</sup>   |  |  |
| 20     |            |           |           |           |           | 20032       |                          |           |           |           |                  |                 |                |                    |  |  |
| 21     | 0.0348     | 0.0277    | 0.0223    | 0.0164    | 0.0109    | 0.00625     | 0.00352                  | 0.00117   | —         | —         | 0.134            | 0.0391          | 10.000         | 13 <sup>40</sup>   |  |  |
| 22     | 0.605      | 0.288     | 0.129     | 0.0749    | 0.0432    | 0.0187      | —                        | —         | —         | —         | 1.62             | 0.72            | 10.000         | 13 <sup>25</sup>   |  |  |
| 23     | 0.282      | 0.132     | 0.0905    | 0.073     | 0.0591    | 0.0487      | 0.0383                   | 0.0244    | 0.0139    | 0.00348   | 0.696            | 0.348           | 10.100         | 13 <sup>52</sup>   |  |  |
| 24     | 0.321      | 0.280     | 0.210     | 0.168     | 0.125     | 0.0892      | 0.050                    | 0.00892   | —         | —         | 1.54             | 0.357           | 10.000         | 14 <sup>05</sup>   |  |  |
| 25     | 0.0895     | 0.0719    | 0.0604    | 0.050     | 0.0374    | 0.0239      | 0.0135                   | 0.00416   | —         | —         | 0.673            | 0.104           | 10.000         | 13 <sup>25</sup>   |  |  |
| 26     | 0.116      | 0.0889    | 0.0674    | 0.0553    | 0.0464    | 0.0382      | 0.031                    | 0.0228    | 0.0131    | 0.00164   | 0.29             | 0.137           | 10.000         | 13 <sup>35</sup>   |  |  |
| 27     | 0.156      | 0.0936    | 0.0702    | 0.0561    | 0.0436    | 0.0343      | 0.0234                   | 0.0156    | 0.00624   | —         | 0.312            | 0.156           | 10.000         | 13 <sup>32</sup>   |  |  |
| 28     |            |           |           |           |           | 20032       |                          |           |           |           |                  |                 |                |                    |  |  |
| 29     | 0.115      | 0.0978    | 0.083     | 0.0684    | 0.0522    | 0.0335      | 0.00937                  | —         | —         | —         | 0.436            | 0.134           | 10.000         | 13 <sup>40</sup>   |  |  |
| 30     | 0.101      | 0.078     | 0.0574    | 0.0434    | 0.0309    | 0.0206      | 0.0143                   | 0.00573   | —         | —         | 0.382            | 0.115           | 10.000         | 13 <sup>25</sup>   |  |  |
| 31     | 0.141      | 0.115     | 0.0896    | 0.064     | 0.0416    | 0.0272      | 0.016                    | 0.0048    | —         | —         | 0.80             | 0.16            | 10.000         | 13 <sup>55</sup>   |  |  |
| M      | 0.148      | 0.114     | 0.0884    | 0.0695    | 0.0543    | 0.0385      | 0.025                    | 0.0156    | 0.0204    | 0.00426   | 0.55             | 0.168           |                |                    |  |  |
| макс.  | 0.715      | 0.490     | 0.350     | 0.231     | 0.145     | 0.0892      | 0.0641                   | 0.0437    | 0.0294    | 0.0104    | 1.62             | 0.968           |                |                    |  |  |
| мин.   | 0.0348     | 0.0277    | 0.0223    | 0.0164    | 0.0109    | 0.00625     | 0.00352                  | 0.00117   | 0.00498   | 0.00164   | 0.134            | 0.0391          |                |                    |  |  |
| учтено | 24         | 24        | 24        | 24        | 24        | 24          | 23                       | 19        | 11        | 6         | 24               | 24              |                |                    |  |  |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

## Атмосферные радиопомехи Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  10.000 кгц

секретное время 16 долгота 76°55' E широта 43°15' N

Станция Алма-Ата

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$                | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Sigma_{\text{лин}}$ | $\Sigma_{\text{оп}}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           | Измерения не проводились |           |           |           |                       |                      |                |                    |
| 2      | 0.115      | 0.0975    | 0.081     | 0.0692    | 0.0578    | 0.0458    | 0.0354                   | 0.0243    | 0.0097    | —         | 0.236                 | 0.135                | 10000          | 16 <sup>55</sup>   |
| 3      |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 4      | 0.129      | 0.100     | 0.0806    | 0.067     | 0.0535    | 0.0426    | 0.031                    | 0.0193    | 0.00645   | —         | 0.291                 | 0.129                | 10000          | 16 <sup>50</sup>   |
| 5      | 0.0624     | 0.0637    | 0.0517    | 0.0444    | 0.0388    | 0.0323    | 0.0258                   | 0.0194    | 0.012     | 0.00462   | 0.71                  | 0.0925               | 10000          | 16 <sup>30</sup>   |
| 6      |            |           |           |           |           |           | нестабильность аппарата. |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           | помехи р/ст.             |           |           |           |                       |                      |                |                    |
| 8      |            |           |           |           |           |           | нет св/ст                |           |           |           |                       |                      |                |                    |
| 9      | 0.0119     | 0.00965   | 0.00779   | 0.00671   | 0.0055    | 0.00429   | 0.00282                  | 0.00134   | —         | —         | 0.121                 | 0.0134               | 10000          | 16 <sup>30</sup>   |
| 10     | 0.501      | 0.421     | 0.358     | 0.300     | 0.247     | 0.193     | 0.137                    | 0.0855    | 0.0284    | —         | 0.91                  | 0.57                 | 10000          | 16 <sup>30</sup>   |
| 11     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           | Измерения                |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           | не                       |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           | проводились              |           |           |           |                       |                      |                |                    |
| 15     | 0.520      | 0.393     | 0.324     | 0.272     | 0.214     | 0.162     | 0.116                    | 0.0665    | 0.0173    | —         | 0.867                 | 0.578                | 10000          | 16 <sup>45</sup>   |
| 16     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 17     | 0.184      | 0.144     | 0.119     | 0.0985    | 0.0776    | 0.0544    | 0.0334                   | 0.0146    | —         | —         | 0.795                 | 0.209                | 10000          | 16 <sup>45</sup>   |
| 18     |            |           |           |           |           |           | нестабильность аппарата. |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           | помехи р/ст.             |           |           |           |                       |                      |                |                    |
| 20     | 0.278      | 0.224     | 0.193     | 0.165     | 0.132     | 0.100     | 0.067                    | 0.0312    | —         | —         | 1.09                  | 0.312                | 10000          | 16 <sup>40</sup>   |
| 21     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           | " "                      |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           | " "                      |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           | " "                      |           |           |           |                       |                      |                |                    |
| 25     | 0.0349     | 0.0302    | 0.0247    | 0.0196    | 0.0137    | 0.00982   | 0.00748                  | 0.00511   | 0.00275   | —         | 0.109                 | 0.0303               | 10000          | 16 <sup>30</sup>   |
| 26     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 27     | 0.286      | 0.169     | 0.103     | 0.0707    | 0.0501    | 0.0324    | 0.0206                   | 0.00885   | —         | —         | 1.18                  | 0.295                | 10000          | 16 <sup>30</sup>   |
| 28     |            |           |           |           |           |           | 2 р/ст                   |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 30     | 0.314      | 0.238     | 0.179     | 0.139     | 0.107     | 0.0831    | 0.0621                   | 0.0433    | 0.0271    | 0.00361   | 0.62                  | 0.361                | 10000          | 16 <sup>35</sup>   |
| 31     | 0.026      | 0.0219    | 0.0156    | 0.00964   | 0.00376   | 0.00116   | —                        | —         | —         | —         | 0.164                 | 0.0239               | 10000          | 16 <sup>35</sup>   |
| M      | 0.156      | 0.122     | 0.092     | 0.070     | 0.0556    | 0.0442    | 0.0334                   | 0.0194    | 0.012     | —         | 0.665                 | 0.172                |                |                    |
| макс.  | 0.52       | 0.421     | 0.358     | 0.300     | 0.247     | 0.193     | 0.137                    | 0.0855    | 0.0284    |           | 1.18                  | 0.578                |                |                    |
| мин.   | 0.0119     | 0.00955   | 0.00779   | 0.00671   | 0.00376   | 0.00116   | 0.0028                   | 0.00134   | 0.00275   |           | 0.109                 | 0.0134               |                |                    |
| учтено | 12         | 12        | 12        | 12        | 12        | 12        | 11                       | 11        | 7         | 2         | 12                    | 12                   |                |                    |

Составил \_\_\_\_\_

Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица P(V)

Май 1959 год

Характеристика  $V_p$  мкВ/м

$f_0 =$  10.000 кгц

Станция Алма-Ата  
декретное время 19 долгота 76°55'E широта 43°15'N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$                 | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $f_{мин}$ | $f_{оп}$ | частота<br>кгц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|---------------------------|-----------|-----------|-----------|-----------|----------|----------------|--------------------|
| 1      |            |           |           |           |           |           | Измерения не проводились. |           |           |           |           |          |                |                    |
| 2      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 3      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 4      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 5      |            |           |           |           |           |           | визуальные                |           |           |           |           |          |                |                    |
| 6      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 7      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 8      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 9      |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 10     | 305        | 192       | 117       | 65.0      | 26.1      | -         | -                         | -         | -         | -         | 2.54      | 0.364    | 10000          | 19 <sup>30</sup>   |
| 11     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 12     |            |           |           |           |           |           | Измерения не проводились  |           |           |           |           |          |                |                    |
| 13     |            |           |           |           |           |           | Измерения не проводились  |           |           |           |           |          |                |                    |
| 14     |            |           |           |           |           |           | Измерения не проводились  |           |           |           |           |          |                |                    |
| 15     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 16     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 17     |            |           |           |           |           |           | визуальные                |           |           |           |           |          |                |                    |
| 18     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 19     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 20     | 278        | 222       | 181       | 146       | 113       | 87.4      | 64.8                      | 42.1      | 19.4      | -         | 0.91      | 0.324    | 10000          | 19 <sup>50</sup>   |
| 21     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 22     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 23     |            |           |           |           |           |           | шум                       |           |           |           |           |          |                |                    |
| 24     |            |           |           |           |           |           | шум                       |           |           |           |           |          |                |                    |
| 25     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 26     | 406        | 339       | 280       | 227       | 178       | 137       | 100                       | 63.4      | 21.8      | -         | 1.63      | 0.436    | 10050          | 19 <sup>35</sup>   |
| 27     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 28     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 29     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 30     |            |           |           |           |           |           | помехи                    |           |           |           |           |          |                |                    |
| 31     |            |           |           |           |           |           | Измерения не провод.      |           |           |           |           |          |                |                    |
| M      |            |           |           |           |           |           |                           |           |           |           |           |          |                |                    |
| макс.  |            |           |           |           |           |           |                           |           |           |           |           |          |                |                    |
| мин.   |            |           |           |           |           |           |                           |           |           |           |           |          |                |                    |
| учтено |            |           |           |           |           |           |                           |           |           |           |           |          |                |                    |

Примеч. Все значения  $V_{0,02} - V_{0,9} \times 10^{-3}$

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_

# МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

Атмосферные радиопомехи  
Сводная таблица  $P(V)$

Май 1959 год  
Характеристика  $V_p$  мкВ/м  
 $f_0 =$  10.000 кГц

Станция Алма-Ата  
географическое время 22 долгота 76°55' E широта 43°15' N

| Дни    | $V_{0,02}$ | $V_{0,1}$ | $V_{0,2}$ | $V_{0,3}$ | $V_{0,4}$ | $V_{0,5}$ | $V_{0,6}$                | $V_{0,7}$ | $V_{0,8}$ | $V_{0,9}$ | $\Delta_{\text{пнк}}$ | $\Delta_{\text{оп}}$ | частота<br>кГц | Время<br>час. мин. |
|--------|------------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------------------|----------------------|----------------|--------------------|
| 1      |            |           |           |           |           |           | Измерения не проводились |           |           |           |                       |                      |                |                    |
| 2      |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 3      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 4      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 5      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 6      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 7      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 8      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 9      |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 10     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 11     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 12     |            |           |           |           |           |           | Измерения                |           |           |           |                       |                      |                |                    |
| 13     |            |           |           |           |           |           | не                       |           |           |           |                       |                      |                |                    |
| 14     |            |           |           |           |           |           | проводились              |           |           |           |                       |                      |                |                    |
| 15     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 16     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 17     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 18     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 19     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 20     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 21     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 22     |            |           |           |           |           |           | Гроза                    |           |           |           |                       |                      |                |                    |
| 23     |            |           |           |           |           |           | помехи р/ст              |           |           |           |                       |                      |                |                    |
| 24     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 25     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 26     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 27     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 28     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 29     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 30     |            |           |           |           |           |           | — " —                    |           |           |           |                       |                      |                |                    |
| 31     | 0.494      | 0.406     | 0.348     | 0.290     | 0.238     | 0.186     | 0.148                    | 0.081     | 0.0406    | 0.0058    | 1.45                  | 0.58                 | 10.050         | 22 55              |
| M      |            |           |           |           |           |           |                          |           |           |           |                       |                      |                |                    |
| макс.  |            |           |           |           |           |           |                          |           |           |           |                       |                      |                |                    |
| мин.   |            |           |           |           |           |           |                          |           |           |           |                       |                      |                |                    |
| учтена |            |           |           |           |           |           |                          |           |           |           |                       |                      |                |                    |

Составил \_\_\_\_\_  
Проверил \_\_\_\_\_