

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

1957 - 1958 - 1959

**ИНСТИТУТ ЗЕМНОГО МАГНЕТИЗМА, ИОНОСФЕРЫ И
РАСПРОСТРАНЕНИЯ РАДИОВОЛН
АН СССР**

**МАТЕРИАЛЫ ИОНОСФЕРНЫХ
ИССЛЕДОВАНИЙ**

**Москва Moscow
(Красная Пахра)**

Март - Апрель

March-April

1960

Москва 1964

ГОРЯ 0.1 МГц. Март 1960г.

(середина) (длина) (шум) (год)

Станция Москва, Красная Пахра

Кем составлена Филипповой

ИОНОСФЕРНЫЕ ДАННЫЕ

Долгота 37°19'В широта 55°28'N

полное время 30°В

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|--------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 1 | 43 | 44 | 46 | 44 | 43 | 34 | 45 | 74 | 108R | 125 | 131 | 127 | 126 | 125 | 129 | 126 | 116S | 109S | 82 | U62S | 46 | 40 | 34 | 33 |
| 2 | 33 | 37 | 37 | 37 | 33 | 26 | 39 | 57 | 64 | 82 | J102R | J105R | 110 | 117 | 108 | J103R | 100 | 100 | 84 | U63C | U50C | U44C | 37V | 35P |
| 3 | U33C | U36C | 39V | 38 | 33 | 28 | 35 | 54 | 63 | 77 | 91 | 94 | 103 | 107 | 106 | 104 | 101 | 87 | 73 | 69 | J53R | 46 | 47 | 46 |
| 4 | 45 | 44 | J43R | 41 | 34 | 27 | 40 | 60 | 79 | 99 | 102 | 103 | 109 | 113 | 110 | 107 | 104 | 91 | U69S | U54S | U52S | U45S | 42 | 39 |
| 5 | 36 | 34P | 33P | 33 | 32 | 29 | 40 | 56 | 63 | 76 | 82 | 89 | 96 | 104 | 99 | 96 | 89 | 90 | 80 | 64 | 55 | U49S | J43S | 42 |
| 6 | 41 | 38 | 36 | 33 | 30 | 28P | 38 | 50 | 69 | 82 | 95 | 103 | 105 | 113 | 113 | 103 | 98 | 90 | 84 | U64S | 58 | 51S | 47P | 41 |
| 7 | 41S | 43 | 39 | 38 | 34P | 31 | 43 | 58 | 64 | 70 | 72 | 80 | 83 | 84 | 87 | 86 | 87 | 86 | J78S | U61S | 58 | J47S | 48 | 46 |
| 8 | 44 | 43 | 42 | 40 | 40 | 36 | 50 | 78 | 95 | 100 | 113 | 113 | 121 | 118 | 114 | 115 | 112 | 99 | 91 | 83 | 76S | 69C | 62 | 60 |
| 9 | 55 | 54 | 52 | 53 | 52 | 50 | 60 | 89 | J103B | 109 | 120 | J123R | 126 | 117S | 111 | 109 | D90S | 103R | 88 | U83S | J76S | 62 | 62S | 58 |
| 10 | 55 | 51 | 50 | 47 | 44 | 41P | 54 | 74 | 93 | 100 | 114 | 114 | 119 | 127 | 128 | 124 | 110 | 99 | 89 | 72R | 67 | 59 | 56 | 54S |
| 11 | 52 | 48 | 44 | 38 | 31 | 29 | 46 | 65R | 89 | 100 | 109 | 110 | 114 | 117 | 116 | J116S | 110 | 100 | U97S | J73S | 57 | 48 | 49 | 48 |
| 12 | J43S | 43 | 38 | 35 | 30 | 29 | 49 | 63 | 76 | 79 | 88 | 98 | 103 | 109 | 112 | 104 | 102R | 95S | 85 | J77S | 61 | U54S | 53 | 48 |
| 13 | 48 | 43 | 35P | U33P | U33P | 31P | 47 | J61S | J72S | 82 | U97R | 97 | 105 | 108 | 105 | 105 | 99 | 89 | 80 | 67 | 56 | 44 | 42 | 40 |
| 14 | 39 | 39 | 37 | 36 | 34 | 30 | 48 | 58 | 70 | 82 | 91 | 95 | 106 | J102R | 103 | 102 | 100 | 90 | 84 | 77 | 68S | 58 | 52 | 52S |
| 15 | 50S | 49 | 47S | 43 | 39 | 39 | 54 | 71 | 83 | 95 | 94 | 107 | 114 | 105 | 106 | 104 | 102 | 99S | 88 | 71 | 55 | 44 | 37S | 40 |
| 16 | 38 | 34 | 32 | 28S | 21P | U30S | 48 | 44 | 52V | 48 | 53 | 53 | 52 | 56 | 59 | 62 | 64S | 64S | 62 | 57 | 50 | 43 | U37S | 33 |
| 17 | 30 | 29 | 24 | 24P | 19P | 23 | 34 | 39 | 48 | 57 | 66 | J73S | 83V | 90 | 82 | 83 | 83 | 84 | 79 | 66 | 60 | 53 | 47 | 45 |
| 18 | 38 | 38 | 34 | 31 | 24 | 29 | 45 | 62 | 90 | 95 | U97R | 104 | 106 | 100 | 101 | 100 | 88 | 83 | 82 | 75R | 59S | 50S | 43 | 39 |
| 19 | 39 | 38P | 35V | 34 | 31P | 33P | 46 | 58 | 71 | 83 | 92H | 97 | 95 | 99 | 99 | 99 | 94 | 88 | 81 | J78S | U73S | U66S | U58S | 53S |
| 20 | 52 | 50 | 44 | 41 | 39 | 38 | 47 | 59 | 68V | 81 | 87 | 93 | 93 | 94 | 93 | 94 | 89 | 84 | 80 | 79 | 66 | 59 | 52 | 50 |
| 21 | 48 | 44 | 40S | 39P | 40 | 40 | 55 | 67 | 77R | 91R | U95R | J107R | J109R | 109 | J106R | D90R | U93R | 90 | 85 | 81 | 71 | 60 | 53 | 49 |
| 22 | 46 | 44 | 42 | 41 | 39 | 43 | J64R | J75R | 89 | J102R | 100 | J103R | J106R | J107R | 100 | 100 | 95 | 89 | 85 | 83R | 68 | 62R | 53 | 48 |
| 23 | 45 | 45 | 43 | 41 | 39 | 40 | 57 | 72 | 86 | 100 | 107 | 110 | 114 | 111 | 109 | 107U | 96 | J95R | 84 | 84 | 76 | J62R | J52R | 49 |
| 24 | 45 | 42 | 39 | 39 | 35 | 39 | 53 | 64V | 70 | 84 | 92 | 97 | 102 | 98 | 102R | 96 | 94 | 90 | 88 | 76 | 69 | 66 | J62S | 56 |
| 25 | 53 | 49 | 44 | 37 | 37 | 43 | 63 | 77 | 84 | 92V | 99 | 104 | 103 | J107R | 103 | 103 | 98 | 93 | 86 | 85 | U74R | U59R | 50 | 52 |
| 26 | 49 | 46 | 41 | 40 | 40 | 46 | 56 | 68 | 76 | 83 | 85 | 92 | 97 | 95 | 95 | 90 | 87 | 83 | 82 | 78 | 67 | U65R | 52 | 48 |
| 27 | U46C | 44 | 42V | 42R | 41V | 49 | 67 | 79 | 86 | 94 | 100 | 101 | 101 | 100 | 99 | 94 | 91 | 89 | 93V | 80 | J73R | U65R | 60 | 57 |
| 28 | 55 | 54 | 50 | 49 | 40V | 49 | 69V | 86V | 101 | 108R | 112 | 112 | 110 | 107 | 113 | 110 | 106 | 102 | 93 | 79S | 78 | J76S | 64 | 58 |
| 29 | 53 | 53 | 49 | 45 | 39 | 41 | 50 | 57 | U68C | В | 100 | 100 | 104 | 103 | 101 | 100 | 94 | 91 | 90 | 84 | U76C | 64C | U59C | U58C |
| 30 | 56 | 50 | 48 | 40 | 39 | 50 | 69 | 83 | 94 | 104 | 110 | 122 | 116 | J117R | J116S | 115 | 107 | 106 | 97 | 86 | 69 | 59 | 53 | 50 |
| 31 | 45 | 40 | 36 | 38 | 37 | 43 | 57 | 66 | 78 | 87 | 92 | 96 | 91 | 90 | 77 | 83 | 94 | J76R | 58 | U49R | 35V | А | В | Р |
| Д.КВ | 13 | 11 | 8 | 6 | 8 | 14 | 12 | 16 | 21 | 18 | 16 | 15 | 17 | 14 | 13 | 11 | 11 | 12 | 8 | 17 | 18 | 15 | 13 | 12 |
| Мелани | 45 | 44 | 41 | 39 | 37 | 36 | 49 | 64 | 77 | 89 | 97 | 103 | 105 | 107 | 105 | 103 | 97 | 90 | 87 | 76 | 66 | 58 | 52 | 48 |
| Удари | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 30 | 30 | 30 |
| кварт | 39 | 38 | 36 | 35 | 32 | 29 | 45 | 58 | 68 | 82 | 91 | 95 | 97 | 99 | 99 | 96 | 91 | 87 | 80 | 64 | 55 | 47 | 43 | 41 |
| | 52 | 49 | 44 | 41 | 40 | 43 | 57 | 74 | 89 | 100 | 107 | 110 | 114 | 113 | 112 | 107 | 102 | 99 | 88 | 81 | 73 | 62 | 56 | 53 |

(M3000)F2 0.01 Март 1960г.
(характеристика) (длина волны) (номер) (год)

ИЗМИРАН
(институт)

Станция Москва, Красная Пахра

Кем составлена ФЖЛИПОВОЙ

ИОНОСФЕРНЫЕ ДАННЫЕ

Долгота 37°19'Е широта 55°28'N

полное время 30°E

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 250 | 245 | 270 | 280 | 285 | 295 | 295 | 315 | 310R | 305 | 305 | 300 | 305 | 305 | 305 | 305 | 300S | 310S | 310 | U295S | 325 | 265 | 250 | 250 |
| 2 | 250 | 250 | 260 | 265 | 280 | 295 | 295 | 310 | 310 | 310 | J310R | J300R | 300 | 300 | 305 | J310R | 310 | 310 | 310 | U300C | U280C | U280C | 250V | 245F |
| 3 | U2450 | U240C | 250V | 265 | 275 | 280 | 320 | 320 | 310 | 325 | 315 | 305 | 285 | 300 | 300 | 295 | 315 | 310 | 290 | 305 | J300R | 270 | 260 | 260 |
| 4 | 260 | 255 | J270V | 245 | 270 | 265 | 300 | 310 | 305 | 310 | 310 | 315 | 310 | 320 | 310 | 310 | 305 | 310 | U285S | U280S | U280S | U270S | 255 | 260 |
| 5 | 250 | 255F | 250F | 250 | 260 | 275 | 300 | 320 | 315 | 315 | 310 | 305 | 310 | 310 | 315 | 315 | 310 | 310 | 300 | 295 | 290 | U275S | J270S | 270 |
| 6 | 260 | 255 | 260 | 255 | 250 | 240F | 290 | 300 | 305 | 300 | 310 | 310 | 305 | 300 | 310 | 320 | 330 | 320 | 310 | U305S | 285 | 290S | 275F | 260 |
| 7 | 250S | 275 | 270 | 265 | 270F | 280 | 295 | 310 | 325 | 320 | 300 | 310 | 310 | 310 | 320 | 320 | 325 | 320 | J315S | U305S | 320 | J295S | 280 | 285 |
| 8 | 280 | 280 | 275 | 280 | 280 | 290 | 300 | 310 | 310 | 305 | 300 | 290 | 295 | 295 | 300 | 300 | 305 | 315 | 300 | 300 | 300S | 290C | 275 | 270 |
| 9 | 270 | 285 | 270 | 275 | 280 | 285 | 290 | 280 | J305R | 300 | 300 | J305R | 305 | 295S | 305 | 310 | S | 305R | 300 | U295S | J290S | 270 | 265S | 275 |
| 10 | 265 | 255 | 260 | 265 | 255 | 280F | 320 | 320 | 320 | 305 | 320 | 300 | 300 | 295 | 305 | 310 | 315 | 310 | 310 | 295R | 270 | 260 | 270 | 270S |
| 11 | 265 | 270 | 270 | 255 | 240 | 250 | 305 | 300R | 295 | 305 | 305 | 300 | 305 | 300 | 295 | U295S | 305 | 300 | U310S | J310S | 300 | 250 | 255 | 255 |
| 12 | J270S | 270 | 255 | 265 | 265 | 260 | 295 | 315 | 320 | 315 | 310 | 300 | 300 | 300 | 305 | 310 | 310R | 315S | 320 | J305S | 305 | U270S | 285 | 280 |
| 13 | 275 | 260 | 270F | U270F | U270F | 270F | 305 | J325S | J320S | 305 | U275R | 305 | 310 | 305 | 310 | 315 | 310 | 325 | 320 | 315 | 300 | 305 | 280 | 270 |
| 14 | 265 | 265 | 280 | 280 | 295 | 275 | 305 | 335 | 305 | 315 | 315 | 300 | 300 | J295R | 310 | 315 | 310 | 310 | 305 | 310 | 295S | 295 | 280 | 275S |
| 15 | 280S | 280 | 270S | 255 | 270 | 270 | 315 | 325 | 305 | 320 | 305 | 315 | 320 | 305 | 305 | 310 | 310 | 310S | 315 | 295 | 265 | 255 | 235S | 235 |
| 16 | 260 | 245 | 235 | 235S | 260F | U265S | 290 | 285 | 235V | 225 | 245 | 250 | 255 | 275 | 270 | 290 | 295S | 295S | 280 | 280 | 260 | 250 | U235S | 235 |
| 17 | 250 | 240 | 255 | 250F | 250F | 255 | 285 | 290 | 300 | 295 | 310 | J290S | 285V | 330 | 300 | 310 | 310 | 305 | 310 | 290 | 275 | 280 | 270 | 265 |
| 18 | 250 | 250 | 255 | 250 | 245 | 270 | 290 | 305 | 315 | 300 | U295R | 290 | 305 | 300 | 310 | 315 | 310 | 315 | 300 | 300R | 285S | 290S | 280 | 275 |
| 19 | 270 | 260F | 250V | 250 | 250F | 275F | 310 | 320 | 325 | 300 | 310R | 320 | 300 | 300 | 295 | 300 | 315 | 305 | 295 | J290S | U290S | U290S | U265S | 260S |
| 20 | 255 | 260 | 265 | 250 | 255 | 280 | 295 | 310 | 305V | 315 | 310 | 305 | 300 | 305 | 300 | 305 | 305 | 305 | 295 | 295 | 295 | 285 | 275 | 275 |
| 21 | 260 | 270 | 250S | 270F | 280 | 295 | 320 | 320 | 330R | 300R | U285R | R | R | 295 | J300R | R | U320R | 305 | 295 | 295 | 310 | 290 | 290 | 280 |
| 22 | 280 | 270 | 275 | 275 | 290 | J320R | J330R | 290 | J320R | 300 | J290R | J290R | J280R | 290 | 305 | 310 | 305 | 305 | 300R | 300 | 290R | 290 | 290 | 285 |
| 23 | 270 | 270 | 270 | 275 | 265 | 275 | 300 | 315 | 305 | 310 | 300 | 310 | 285 | 295 | 295 | 300C | 300 | J310R | 305 | 300 | 300 | J305R | J285R | 270 |
| 24 | 275 | 260 | 250 | 235 | 255 | 275 | 300 | 305V | 300 | 295 | 305 | 295 | 295 | 295 | 295R | 295 | 300 | 290 | 300 | 280 | 270 | 265 | J255S | 245 |
| 25 | 250 | 240 | 230 | 240 | 250 | 285 | 300 | 290 | 300 | 295V | 300 | 300 | 285 | J290R | 285 | 290 | 300 | 300 | 285 | 295 | U290R | U275R | 270 | 275 |
| 26 | 270 | 265 | 255 | 255 | 255 | 280 | 305 | 305 | 310 | 295 | 285 | 280 | 285 | 290 | 280 | 300 | 290 | 290 | 295 | 290 | 290 | U290R | 285 | 270 |
| 27 | U260C | 260 | 260V | 255R | 270V | 295 | 315 | 305 | 300 | 295 | 295 | 300 | 290 | 290 | 285 | 300 | 295 | 300 | 295V | 285 | J290R | U275R | 270 | 270 |
| 28 | 270 | 265 | 270 | 270 | 275F | 290 | 310V | 305V | 295 | 290R | 300 | 295 | 285 | 275 | 275 | 290 | 285 | 295 | 300 | 280S | 270 | J265S | 260 | 245 |
| 29 | 240 | 240 | 240 | 255 | 285 | 285 | 320 | 320 | U280C | B | 285 | 275 | 275 | 270 | 290 | 290 | 290 | 300 | 300 | 295 | U285C | 290C | U275C | U260C |
| 30 | 260 | 270 | 265 | 250 | 255 | 300 | 310 | 295 | 295 | 295 | 290 | 285 | 280 | J280R | J280S | 290 | 280 | 290 | 305 | 300 | 290 | 270 | 260 | 265 |
| 31 | 245 | 235 | 245 | 260 | 265 | 285 | 310 | 310 | 305 | 295 | 255 | 270 | 265 | 265 | 245 | 250 | 270 | J280R | 260 | U275R | 215V | A | B | F |
| Д. К. В. | 20 | 20 | 20 | 20 | 25 | 20 | 15 | 15 | 15 | 20 | 15 | 15 | 20 | 10 | 15 | 15 | 15 | 10 | 15 | 10 | 20 | 20 | 20 | 15 |
| Мелкая | 260 | 260 | 260 | 255 | 270 | 280 | 300 | 310 | 305 | 305 | 300 | 300 | 300 | 295 | 300 | 305 | 305 | 305 | 300 | 295 | 290 | 280 | 270 | 270 |
| Уши | 31 | 31 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 30 | 31 | 30 | 30 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 |
| Кварт. | 250 | 250 | 250 | 250 | 255 | 270 | 295 | 305 | 300 | 295 | 295 | 290 | 285 | 290 | 290 | 295 | 295 | 300 | 295 | 290 | 280 | 270 | 260 | 260 |
| | 270 | 270 | 270 | 270 | 280 | 290 | 310 | 320 | 315 | 315 | 310 | 305 | 305 | 300 | 305 | 310 | 310 | 310 | 310 | 300 | 300 | 290 | 280 | 275 |

2834

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15сек. мин.

Станция Автоматическая

Станция

Москва, Красная Пахра

Кем составлена

Филипповой

Долгота

37°19'В

широта

55°28'N

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

полное время 30°В

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|---------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| 1 | 440 | 440 | 380 | 370 | 350 | 300 | 330 | 310 | 295 | 300 | 300 | 320 | 325 | 320 | 335 | 305 | 315 | 300 | 300 | U330S | 320 | 400 | 430 | 470 | |
| 2 | 470 | 420 | 400 | 380 | 360 | 350 | 325 | 300 | 320 | 300 | J300R | J310R | 320 | 310 | 300 | J300R | 300 | 305 | 315 | U320G | U360G | U370G | 440 | 440 | |
| 3 | U450C | U450C | 450 | 400 | 380 | 350 | 300 | 300 | 300 | 280 | 300 | 310 | 345 | 315 | 315 | 330 | 300 | 310 | 340 | 330 | J340R | C | 410 | 410 | |
| 4 | 410 | 425 | J410R | 420 | 360 | 380 | 330 | 300 | 310 | 300 | 300 | 290 | 320 | 310 | 315 | 310 | 300 | 280 | U350S | U365S | U370S | U385S | 415 | 405 | |
| 5 | 420 | 425 | 430 | 425 | 415 | 355 | 310 | 280 | 300 | 300 | 290 | 320 | 305 | 290 | 310 | 290 | 305 | C | 320 | 320 | 340 | U350S | J390S | 410 | |
| 6 | 420 | 420 | 425 | 410 | 420 | 415 | 340 | 305 | 310 | 320 | 305 | 300 | 320 | 330 | 310 | 305 | 295 | 300 | 320 | U325S | 350 | 355 | 350 | 420 | |
| 7 | 410 | 360 | 380 | 390 | 380 | 380 | 330 | 290 | 280 | 280 | 310 | 310 | 300 | 300 | 305 | 300 | 290 | 300 | J300S | U320S | 290 | J310S | 360 | 360 | |
| 8 | 350 | 370 | 390 | 370 | 370 | 330 | 320 | 305 | 280 | 300 | 320 | 325 | 320 | 330 | 320 | 325 | 300 | 300 | 325S | 320S | 340S | 340 | 375 | 375 | |
| 9 | 380 | 400 | 400 | 375 | 370 | 365 | 325 | 310 | J305R | 320 | 320 | R | 325 | 330 | 320 | 310 | S | 315 | 325 | U325S | J325S | 360 | 380 | 360 | |
| 10 | 380 | 400 | 400 | 380 | 415 | 350 | 300 | 290 | 280 | 315 | 295 | 320 | 320 | 330 | 320 | 310 | 290 | 315 | 310 | 340 | 380 | 400 | 400 | 400 | |
| 11 | 400 | 390 | 400 | 420 | 425 | 400 | 325 | 310 | 325 | 305 | 305 | 320 | 310 | 320 | 330 | U335S | 300 | 320 | U300S | J325S | 310 | 425 | 425 | 410 | |
| 12 | J390S | 390 | 410 | 370 | 370 | 400 | 310 | 280 | 280 | 300 | 320 | 315 | 310 | 315 | 300 | 295 | 300 | 290 | 280 | J310S | 305 | U370S | 350 | 350 | |
| 13 | 355 | 400 | 380 | 370 | J375R | J375R | 300 | J275S | J280S | 320 | U360R | 325 | 305 | 320 | 300 | 295 | 305 | 280 | 290 | 290 | 320 | 320 | 360 | 400 | |
| 14 | 395 | 405 | 370 | 350 | 335 | 350 | 300 | 275 | 305 | 295 | 300 | 320 | 315 | J330R | 305 | 295 | 300 | 300 | 310 | 300 | 340 | 340 | 350 | 375 | |
| 15 | 380 | 380 | 375 | 390 | 400 | C | 305 | 280 | 300 | 300 | 300 | 290 | 290 | 300 | 305 | 310 | 310 | 300 | 295 | 320 | 385 | 405 | 475 | 450 | |
| 16 | 400 | 435 | 450 | 455 | S | 390 | 325 | 330 | 480 | G | G | G | G | 380 | 375 | 350 | 325 | 340 | 330 | 360 | 405 | 430 | U470S | 500 | |
| 17 | 440 | 450 | 420 | 420 | 420 | 400 | 340 | 330 | C | 325 | 300 | J335S | 350 | 270 | 315 | 290 | 300 | 310 | 300 | 350 | 360 | 370 | 395 | 400 | |
| 18 | 455 | 455 | 410 | 460 | 445 | 390 | 325 | 300 | 275 | 330 | U345R | 340 | 315 | 325 | 300 | 320 | 320 | 300 | 320 | 320 | 340 | 335 | 360 | 375 | |
| 19 | 380 | 410 | 430 | 425 | 420 | 360 | 300 | 280 | 275 | 315 | 300 | 305 | 315 | 330 | 330 | 320 | 300 | 310 | 330 | J340S | U335S | U345S | U380S | 400 | |
| 20 | 400 | 400 | 395 | 420 | 405 | 350 | 320 | 300 | 310 | 300 | 300 | 300 | 310 | 325 | 325 | 310 | 310 | 325 | 330 | 325 | 330 | 340 | 375 | 380 | |
| 21 | 400 | 390 | 420 | 390 | 370 | 330 | 290 | 280 | 300R | 330 | U360R | U325R | R | 340 | J315R | R | U300R | 305 | 315 | 325 | 300 | 335 | 340 | 375 | |
| 22 | 370 | 380 | 400 | 375 | 360 | 335 | J290R | J275R | 340 | J290R | 310 | J325R | J325R | J350R | 325 | 320 | 305 | 305 | 315 | 310 | 325 | 330 | 340 | 370 | |
| 23 | 400 | 400 | 380 | 380 | 380 | 340 | 320 | 290 | 310 | 310 | 320 | 300 | 340 | 330 | 320 | 310 | 305 | J300R | 305 | 310 | 320 | J305R | J350R | 370 | |
| 24 | 360 | 400 | 420 | 450 | 405 | 355 | 310 | 310 | 315 | 325 | 325 | 350 | 320 | 350 | 330 | 325 | 320 | 320 | 325 | 360 | 380 | 400 | J420S | 450 | |
| 25 | 450 | 455 | 490 | 470 | 450 | 375 | 320 | 335 | 320 | 355 | 330 | 315 | 350 | J445R | 345 | 345 | 325 | 315 | 350 | 330 | U340R | U370R | 380 | 375 | |
| 26 | 380 | 390 | 440 | 425 | 425 | 350 | 310 | 315 | 320 | 325 | 340 | 340 | 340 | 330 | 340 | 325 | 330 | 325 | 325 | 350 | 350 | U350R | 340 | 400 | |
| 27 | U400C | 440 | 400 | 410 | 380 | 340 | 300 | 300 | 320 | 330 | 325 | 320 | 345 | 350 | 350 | 320 | 325 | 320 | 330 | 350 | J340R | U360R | 380 | 375 | |
| 28 | 370 | 375 | 370 | 370 | 355R | 330 | 320 | 300 | 330 | 330 | 325 | 325 | 360 | 365 | C | 350 | 340 | 325 | 325 | 350 | 375 | J400S | 400 | 440 | |
| 29 | 450 | 440 | 440 | 420 | 340 | 330 | 290 | 290 | G | B | 350 | 360 | 360 | 370 | 345 | 340 | 340 | 320 | 325 | 330 | U335C | 350C | U375C | U400C | |
| 30 | 410 | 410 | 410 | 420 | 415 | 315 | 300 | 310 | 330 | 325 | 340 | 350 | 360 | J355R | J355S | 330 | 350 | 330 | C | C | C | C | C | C | |
| 31 | C | C | C | C | C | C | C | C | 315 | 320 | 340 | 420 | 375 | 400 | 380 | 430 | 425 | C | 365 | 395 | U365R | 520 | A | B | Y |
| Д. КВ | 40 | 45 | 35 | 45 | 55 | 45 | 25 | 30 | 40 | 25 | 30 | 15 | 35 | 35 | 25 | 25 | 20 | 20 | 25 | 30 | 35 | 50 | 55 | 40 | |
| Медиана | 400 | 400 | 405 | 405 | 380 | 350 | 315 | 300 | 310 | 310 | 310 | 320 | 320 | 330 | 320 | 315 | 305 | 310 | 320 | 325 | 340 | 360 | 380 | 400 | |
| Учтены | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 31 | 30 | 30 | 31 | 30 | 30 | 31 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 28 | 29 | 29 | |
| кварт | 380 | 390 | 390 | 375 | 365 | 335 | 300 | 280 | 280 | 300 | 300 | 310 | 310 | 315 | 310 | 305 | 300 | 300 | 305 | 320 | 325 | 340 | 355 | 375 | |
| | 420 | 435 | 425 | 420 | 420 | 380 | 325 | 310 | 320 | 325 | 330 | 325 | 345 | 350 | 335 | 330 | 320 | 320 | 330 | 350 | 360 | 390 | 410 | 415 | |

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек-мин.

Станция автоматическая
(ручная, автоматическая)

№ 2 кн. Март 1960г.

(характеристика) (сезон) (месяц) (год)

Станция

Москва, Красная Пахра

Кем составлена

Филипповой

Долгота

37°19'E

широта

55°28'N

полевое время 30°E

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|----|----|----|
| 1 | | | | | | | | | | L | L | L | L | | L | | | | | | | | | |
| 2 | | | | | | | | | L | L | L | L | L | L | L | L | | | | | | | | |
| | | | | | | | | | | 235 | 265 | U250L | L | U260L | 250L | | | | | | | | | |
| | | | | | | | | | | 250L | 240L | 245L | U245L | L | L | | | | | | | | | |
| | | | | | | | | | | 245L | L | L | L | 250 | | | | | | | | | | |
| | | | | | | | | | | | 240 | 250 | L | L | | | | | | | | | | |
| | | | | | | | | | | U270L | L | U280L | 270 | L | 250 | | | | | | | | | |
| | | | | | | | | | | U240L | | | | | | | | | | | | | | |
| | | | | | | | | | 240L | L | 250 | L | L | L | L | | | | | | | | | |
| | | | | | | | | | | | | U235L | | | | | | | | | | | | |
| 11 | | | | | | | | | 245 | 250 | 255 | L | L | 250 | | | | | | | | | | |
| 12 | | | | | | | | | 270 | 250 | 270 | 250 | 250L | 245L | 240L | | | | | | | | | |
| 13 | | | | | | | | | 250 | L | 245 | U240L | 230 | L | L | | | | | | | | | |
| 14 | | | | | | | | | | L | U270L | 245 | L | L | | | | | | | | | | |
| | | | | | | | | | | U255L | U230L | 260 | 250L | U250L | L | | | | | | | | | |
| 16 | | | | | | | | | 480 | 610 | 480 | 460 | 465 | 390 | 350 | 315 | L | | | | | | | |
| 17 | | | | | | | | | L | 325 | 280 | 255 | U305L | 250 | 245 | L | L | | | | | | | |
| 18 | | | | | | | | | L | 275 | L | L | L | L | 260 | L | | | | | | | | |
| 19 | | | | | | | | | U250L | 260 | 250L | 270L | L | L | L | | | | | | | | | |
| 20 | | | | | | | | | U250L | 265L | 255 | U270L | 265L | 250 | 245L | U270L | | | | | | | | |
| 21 | | | | | | | | | | 290L | L | 260 | 270 | L | 260 | | | | | | | | | |
| 22 | | | | | | | | | L | 270L | 250L | L | L | L | 240 | L | | | | | | | | |
| 23 | | | | | | | | 250 | L | U250L | 250L | U260L | 280L | L | 250L | 250L | | | | | | | | |
| 24 | | | | | | | | U275L | 270L | 295 | U280L | 280L | L | 300L | L | | | | | | | | | |
| 25 | | | | | | | | | L | U260L | 260L | 290 | 255L | 275 | 250 | L | | | | | | | | |
| 26 | | | | | | | | L | L | 285 | 260L | U265L | L | U255L | U255L | L | | | | | | | | |
| 27 | | | | | | | | | L | U260L | 270L | 270 | 290 | 275 | 260L | 250L | | | | | | | | |
| 28 | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | | |
| 29 | | | | | | | | | L | B | U275L | L | 270 | L | L | 250L | | | | | | | | |
| 30 | | | | | | | | | L | L | L | L | L | L | L | L | | | | | | | | |
| 31 | | | | | | | | | L | 370L | U300L | 355 | L | L | L | L | | | | | | | | |
| Д. КВ. | | | | | | | | | 20 | 30 | 20 | 25 | 40 | 35 | 25 | 40 | | | | | | | | |
| Месяц | | | | | | | | 260 | 250 | 260 | 260 | 260 | 270 | 255 | 250 | 250 | | | | | | | | |
| Уч. год | | | | | | | | 2 | 8 | 20 | 21 | 20 | 14 | 13 | 13 | 5 | | | | | | | | |
| кварт | 5 | | | | | | | | 250 | 250 | 250 | 250 | 250 | 250 | 245 | 250 | | | | | | | | |
| | | | | | | | | | 270 | 280 | 270 | 275 | 290 | 285 | 260 | 290 | | | | | | | | |

(M3000) 21.04.01 Март 1960г.

(континент) (широта) (долгота) (год)

Станция

Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН
(ИЗМЕРИТЕЛЬ)

Кем составлена ФИЛИПОВОЙ

Долгота 37°19' E широта 55°28' N

поясное время 30° E

Кем подсчитана

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|----|----|----|----|----|----|----|----|-----|-------|-------|-------|-------|-------|------|-------|----|----|----|----|----|----|----|----|
| 1 | | | | | | | | | | L | L | L | L | L | L | | | | | | | | | |
| 2 | | | | | | | | | L | L | L | L | L | L | L | L | | | | | | | | |
| 3 | | | | | | | | | | L | L | L | L | L | L | | | | | | | | | |
| 4 | | | | | | | | | | L | L | L | L | L | L | | | | | | | | | |
| 5 | | | | | | | | | | L | L | L | L | L | L | | | | | | | | | |
| 6 | | | | | | | | | | | L | L | L | L | L | | | | | | | | | |
| 7 | | | | | | | | | | L | L | L | U370L | L | L | | | | | | | | | |
| 8 | | | | | | | | | | L | L | L | L | L | | | | | | | | | | |
| 9 | | | | | | | | | L | L | L | L | L | L | L | | | | | | | | | |
| 10 | | | | | | | | | | | L | L | L | L | L | | | | | | | | | |
| 11 | | | | | | | | | L | L | L | L | L | L | L | | | | | | | | | |
| 12 | | | | | | | | | L | L | U380L | U390L | L | L | L | | | | | | | | | |
| 13 | | | | | | | | | L | L | L | L | L | L | L | | | | | | | | | |
| 14 | | | | | | | | | | L | U370L | L | L | L | L | | | | | | | | | |
| 15 | | | | | | | | | | L | L | L | L | L | L | | | | | | | | | |
| 16 | | | | | | | | | 290 | 325 | 320H | 335 | 345 | U325L | 335L | U330L | L | | | | | | | |
| 17 | | | | | | | | | L | U325L | U325L | U390L | L | L | L | L | L | | | | | | | |
| 18 | | | | | | | | | L | U340L | L | L | L | L | L | L | L | | | | | | | |
| 19 | | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | |
| 20 | | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | |
| 21 | | | | | | | | | | L | L | U400L | U360L | L | L | L | | | | | | | | |
| 22 | | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | |
| 23 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 24 | | | | | | | | L | L | U355L | L | L | L | L | L | L | L | | | | | | | |
| 25 | | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | |
| 26 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 27 | | | | | | | | | L | L | L | 360H | 380 | U370L | L | L | L | | | | | | | |
| 28 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 29 | | | | | | | | | L | B | B | L | L | L | L | L | L | | | | | | | |
| 30 | | | | | | | | | | L | L | L | L | L | L | L | L | | | | | | | |
| 31 | | | | | | | | | | L | U315L | L | 320L | L | L | L | L | | | | | | | B |
| Д.КВ. | | | | | | | | | | | 50 | 45 | 45 | | | | | | | | | | | |
| Медиа | | | | | | | | | 290 | U330L | U325L | U390L | 360 | U350L | 335L | U330L | | | | | | | | |
| Углы | | | | | | | | | 1 | 4 | 5 | 5 | 5 | 2 | 1 | 1 | | | | | | | | |
| кварт | | | | | | | | | | | 320 | 350 | 330 | | | | | | | | | | | |
| | | | | | | | | | | | 375 | 395 | 375 | | | | | | | | | | | |

2834

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Станция Автоматическая (ручная, автоматическая)

h'F км. Март 1960г.
(среднерегиональн.) (данным) (полюс) (год)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Фидипповой

Долгота 37°19'Е широта 55°28'К

поясное время 30°Е

Кем подсчитана

| Лин | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-------|
| 1 | 340 | E335B | 275 | 265 | 255 | 235 | 255 | 230 | 240 | 225 | 235 | 225 | 220 | 230 | 225 | 235 | 230 | 220 | 210 | 220 | 260 | 305 | 360 | 370 |
| 2 | 385 | 330 | 300 | 280 | 280 | 270 | 275 | 265 | 230 | 225 | 210 | 220 | 215 | 220 | 230 | 225 | 230 | 230 | 220 | 230 | 250 | 260 | 335 | 350 |
| 3 | 345 | 340 | 315 | 270 | 265 | 270 | 260 | 250 | 240 | 225 | 240 | 210 | 230 | 225 | 230 | 235 | 230 | 240 | 225 | 230 | 245 | 275 | 310 | 290 |
| 4 | 300 | 295 | 280 | 280 | 275 | 280 | 275 | 245 | 240 | 245 | 220 | 205 | 210 | 235 | 235 | 245 | 235 | 215 | 225 | 240 | 275 | 275 | 290 | 295 |
| 5 | 320 | 320 | 315 | 315 | 295 | 270 | 255 | 245 | 235 | 230 | 225 | 220 | 210 | 210 | 230 | 225 | 230 | 230 | 230 | 225 | 250 | 270 | 275 | 290 |
| 6 | 300 | 320 | E330A | 310 | 300 | 305 | 265 | 240 | 235 | 220 | 210 | 220 | 205 | 215 | 235 | 230 | 225 | 225 | 225 | 230 | 245 | 265 | 260 | 320 |
| 7 | 315 | 275 | 270 | 280 | 295 | 290 | 275 | 250 | 240 | 230 | 225 | 215 | 210 | 220 | 210 | 240 | 235 | 230 | 220 | 220 | 230 | 230 | 270 | 275 |
| 8 | 260 | 275 | 275 | 270 | 260 | 255 | 235 | 230 | 235 | 220 | 220 | 220 | 220 | 235 | 235 | 240 | 230 | 220 | 230 | 230 | 240 | 240 | 270 | 275 |
| 9 | 275 | 290 | 290 | 270 | 260 | 260 | 250 | 235 | 220 | 230 | 210 | 225 | 215 | 230 | 225 | 240 | 230 | 220 | 225 | 225 | 230 | 245 | 275 | 255 |
| 10 | 270 | 290 | 280 | 260 | 265 | 250 | 250 | 220 | 245 | 220 | 230 | 220 | 220 | 230 | 230 | 225 | 220 | 220 | 220 | 245 | 255 | 300 | 290 | 295 |
| 11 | 280 | 280 | 295 | 295 | 310 | 310 | 265 | 230 | 235 | 230 | 225 | 205 | 220 | 235 | 230 | 235 | 230 | 230 | 215 | 235 | 240 | E300B | 300 | 300 |
| 12 | 275 | 280 | 275 | E290A | 270 | 280 | 250 | 235 | 245 | 220 | 210 | 200 | 220 | 220 | 230 | 230 | 230 | 215 | 220 | 235 | 230 | 245 | 245 | 260 |
| 13 | 275 | 280 | 295 | 295 | 290 | 280 | 260 | 240 | 230 | 215 | 220 | 210 | 200 | 225 | 225 | 230 | 225 | 220 | 220 | 210 | 230 | 245 | 270 | 300 |
| 14 | 305 | 300 | 275 | 280 | 260 | 260 | 245 | 235 | 230 | 220 | 220 | 220 | 210 | 205 | 240 | 240 | 240 | 225 | 225 | 225 | 240 | 240 | 270 | 280 |
| 15 | 280 | 280 | 275 | 275 | 285 | 275 | 260 | 240 | 230 | 225 | 210 | 210 | 220 | 210 | 230 | 240 | 235 | 225 | 225 | 230 | 245 | 280 | 380 | 330 |
| 16 | 310 | 320 | E320B | 350 | 330 | 300 | 270 | 275 | 275 | 265 | 260 | 235 | 245 | 240 | 245 | 250 | 265 | 275 | 260 | 255 | 260 | 290 | 350 | E380S |
| 17 | 360 | 360 | 350 | 340 | E315B | 355 | 305 | 275 | 275 | 240 | 235 | 220 | 225 | 220 | 230 | 240 | 235 | 245 | 230 | 255 | 260 | 270 | 300 | 295 |
| 18 | 335 | 340 | 315 | 350 | 350 | 310 | 250 | 240 | 250 | 215 | 215 | 205 | 215 | 220 | 240 | 235 | 240 | 240 | 240 | 235 | 240 | 250 | 255 | 290 |
| 19 | 295 | 305 | 335 | 320 | 310 | 295 | 255 | 240 | 240 | 220 | 220 | 200 | 230 | 220 | 240 | 235 | 245 | 240 | 240 | 250 | 250 | 245 | 250 | 280 |
| 20 | 290 | 290 | 290 | 300 | 280 | 275 | 255 | 250 | 235 | 235 | 230 | 220 | 215 | 215 | 225 | 225 | 245 | 230 | 225 | 240 | 235 | 250 | 260 | E280S |
| 21 | 290 | E305S | 300 | 290 | 270 | 260 | 240 | 240 | 245 | 225 | 230 | 220 | 220 | 240 | 220 | 230 | 240 | 240 | 230 | 240 | 225 | 240 | 250 | 270 |
| 22 | 270 | 285 | 290 | 270 | 270 | 260 | 240 | 235 | 220 | 215 | 210 | 210 | 235 | 220 | 210 | 220 | 240 | 230 | 230 | 235 | 225 | 245 | 250 | 255 |
| 23 | E305A | 300 | 295 | 300 | 280 | 270 | 250 | 240 | 230 | 210 | 220 | 235 | 210 | 230 | 225 | 220 | 240 | 230 | 225 | 240 | 235 | 225 | 245 | 270 |
| 24 | 270 | 300 | 310 | 310 | 310 | 300 | 250 | 265 | 230 | 215 | 205 | 210 | 245 | 220 | 220 | 245 | 250 | 235 | 240 | 250 | 250 | 270 | 290 | 340 |
| 25 | 325 | 305 | 340 | 340 | 310 | 290 | 245 | 235 | 240 | 225 | 220 | 200 | 230 | 220 | 230 | 235 | 235 | 240 | 230 | 245 | 240 | 245 | 270 | 270 |
| 26 | 270 | 280 | 310 | 300 | 305 | 275 | 250 | 245 | 240 | 210 | 240 | 215 | 225 | 215 | 225 | 225 | 235 | 240 | 245 | 240 | 250 | 250 | 240 | 280 |
| 27 | 280 | 300 | 305 | 300 | 285 | 260 | 250 | 245 | 240 | 240 | 225 | 210 | 210 | 205 | 225 | 235 | 235 | 240 | 245 | 225 | 235 | 245 | 255 | 270 |
| 28 | 260 | 260 | 255 | 255 | 255 | 255 | 245 | 235 | 230 | 225 | 220 | 225 | 215 | 235 | 240 | 240 | 245 | 235 | 240 | 250 | 270 | 280 | 275 | 325 |
| 29 | E320B | 325 | 325 | 300 | 255 | 275 | 255 | 240 | 230 | В | В | 250 | 230 | 240 | 240 | 230 | 240 | 245 | 245 | 245 | 245 | 250 | 275 | 280 |
| 30 | 295 | 310 | 300 | 310 | 300 | 270 | 250 | 235 | 230 | 230 | 220 | 220 | 225 | 230 | 240 | 230 | 245 | 250 | 230 | 235 | 235 | 280 | 315 | 340 |
| 31 | 345 | 335 | 325 | 300 | 305 | 280 | 260 | 240 | 245 | 230 | 230 | 250 | 245 | 245 | 245 | 270 | 255 | 270 | 320 | 275 | E300B | А | В | Р |
| УВВ | 45 | 40 | 35 | 35 | 40 | 30 | 10 | 10 | 10 | 10 | 15 | 10 | 20 | 15 | 15 | 10 | 10 | 15 | 15 | 15 | 15 | 30 | 45 | 40 |
| Медиа | 295 | 300 | 295 | 295 | 280 | 275 | 255 | 240 | 235 | 225 | 220 | 220 | 220 | 220 | 230 | 235 | 235 | 230 | 230 | 235 | 240 | 250 | 270 | 290 |
| Уточн | 29 | 29 | 29 | 31 | 30 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 29 |
| кварт | 275 | 280 | 280 | 275 | 265 | 260 | 250 | 235 | 230 | 220 | 215 | 210 | 210 | 220 | 225 | 230 | 230 | 225 | 225 | 230 | 235 | 245 | 255 | 270 |
| | 320 | 320 | 315 | 310 | 305 | 290 | 260 | 245 | 240 | 230 | 230 | 220 | 230 | 235 | 240 | 240 | 240 | 240 | 240 | 245 | 250 | 275 | 300 | 310 |

Пробег частоты от 1.0 МГц до 25.0 МГц 15 сек. мин.

Станция автоматическая

(ручная, автоматическая)

гоБ 0,01 Мгц. Март 1960г.

ИЗМИРАН

(ИЗМТ177)

Станция Москва, Красная Пахра

Кем составлена Филипповой

ИОНОСФЕРНЫЕ ДАННЫЕ

Долгота 37°19'Е широта 55°28'N

полное время 30°E

Кем подсчитана

| Дан | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|---------|-------|-------|-------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|----|----|----|
| 1 | | | | | | | E130B | 200 | 260R | I280A | 300 | 310 | 305 | 300 | 290H | 260 | 215H | 160 | | | | | | E |
| 2 | | | | | | | E150S | 200 | 250 | 285 | 300 | 300 | 300 | 300 | 290 | 250 | 215H | 170H | A | | | | | |
| 3 | | | | | | | 150 | 210 | 245 | 280 | 305A | I310A | 315 | 305 | 285 | 260H | 235H | 180H | A | | | | | |
| 4 | | | | | | | E U205A | 250V | 275R | | 300H | 305 | 305 | 310 | 290H | 260 | 220 | 170 | E | | | | | |
| 5 | | | | | | | 140 | 205 | 245 | 270 | I295A | 300 | 310 | 300 | 290 | 260 | 220 | 170 | E | | | | | |
| 6 | | | | | | | 150 | 210 | 250 | 280 | 300 | 300 | 305H | 300H | 295H | 265H | 230H | 180 | E | | | | | |
| 7 | | | | | | | E | 200 | 250 | 285 | 300 | 305 | 310H | 305 | 300 | 265 | 235 | 190H | E | | | | | |
| 8 | | | | | | | 150 | 220H | 255 | 290 | 305 | 305 | 310 | 305 | 300 | 260 | 230 | 160 | E | | | | | |
| 9 | | | | | | | 150 | 200 | 250 | 300 | I305A | 310 | 310 | 320 | 300 | 280 | 240A | 180H | E | E | | | | |
| 10 | | | | | | | 160 | 220 | 255 | 285 | 300 | 305 | 310 | 305 | 295 | 260 | 230H | 185H | E | E | | | | |
| 11 | | | | | | | 150 | 210 | 250 | I280A | 290A | 310 | 320 | 305 | 300H | 270H | 215H | 190 | E | E | | | | |
| 12 | | | | | | | 160 | 210 | 250A | 275A | I290A | 310 | 310 | 310H | 295H | 265 | 230 | 180 | A | | | | | |
| 13 | | | | | E | E | 150 | 210 | 255 | 290 | 310 | 310 | 310 | 310 | 300 | 280 | 230 | 190 | E | | | | | |
| 14 | | | | | | | 160H | 220 | 260H | 290R | A | A | 320H | 310 | 300 | 280 | 240 | 200 | E | | | | | |
| 15 | | | | | | | 165 | 235 | 265 | 300 | 310 | 315 | 320 | 320 | 300 | 275 | 235 | 190 | E135B | | | | E | E |
| 16 | | E | | | | | E 200H | 240H | 260 | I290R | 305R | 310 | 320 | 310 | 300 | 280 | 230 | 200H | E130B | | | | | |
| 17 | | | | | | | E 200H | 250H | 270 | 300H | 300 | I310A | 315 | 305 | I300C | 270 | 240 | 190H | 130 | | | | | |
| 18 | | | | | | | 180 | 230H | 260 | 300 | 310 | 315 | 310 | 310 | 300H | 280H | 240 | 190 | 140 | | | | | |
| 19 | | | | | | | 185H | 220 | 270 | 300 | 310 | 310 | 320 | 310 | 310 | 280 | 240 | 200H | I130B | | | | | |
| 20 | | | | | | | E 150 | 240H | 275 | 300 | I310A | 320 | 320 | 310 | 305 | 275 | 250 | 200 | 130 | | | | | |
| 21 | | | | | | | E 185H | 235 | I280R | 315 | 330 | E340A | 340 | 330 | 320 | 300 | 260H | 205 | 130 | | | | | |
| 22 | | | | | | | E 190 | 230 | 280 | 305 | I320A | A | A | A | 310 | 295 | 260 | 205 | E | | | | | |
| 23 | | | | | | | 130 | 195 | 250 | 280H | 305 | 320 | 330 | 330 | 320 | 310 | 290 | 260H | 210 | A | E | | | |
| 24 | | | | | | | E150S | 190H | 240 | 280 | 305 | 315 | 330 | 330 | I320A | 320 | 300 | 260 | 210 | A | A | | | |
| 25 | | | E | E | | | 120 | 200H | 250 | 290 | 315 | 325 | 330 | 330H | 320 | 310 | 295 | 250 | 210H | A | | | | |
| 26 | | | | | | | 130 | 190 | 240 | 290 | 310 | I320A | 330 | 330 | 325 | 310 | 290 | 260 | 210 | I140A | | | | |
| 27 | | | | | | | E 140 | 200 | 255 | 305 | 315 | 330 | 335 | 340H | 330 | 315H | 305H | 270 | 215H | 150H | | | | |
| 28 | | | | | | | E 130 | I200A | 260 | 300 | 320 | 335 | 335 | 330 | 330 | 320 | 295 | 270 | 210 | 150 | E | | | |
| 29 | | | | | | | 150 | 210 | 260 | 300 | B | B | B | I380A | 350H | 330 | 280H | 280 | 215 | 170 | E | | | |
| 30 | | | | | | | 145 | 210 | 270 | I300A | 320 | 340 | 355 | 350 | 350 | 330H | 310H | 280H | 240H | 200 | E | E | | |
| 31 | | | | | | | 120 | 160 | 220 | 260 | 295H | I320A | 340A | 340 | 350 | 335 | 325 | 310A | 270 | 210A | 160A | | | B |
| Д. КВ | | | | | | | D30 | 50 | 40 | 30 | 20 | 25 | 25 | 20 | 15 | 15 | 30 | 30 | D30 | | | | | |
| Медiana | | E | E | E | | | E 120 | 165 | 230 | 260 | 300 | 310 | 310 | 320 | 310 | 300 | 280 | 240 | 190 | 130 | E | E | E | E |
| Уменьш | 1 | 1 | 1 | | | 4 | 15 | 31 | 31 | 31 | 30 | 29 | 27 | 30 | 30 | 31 | 31 | 31 | 31 | 24 | 7 | 1 | 1 | 2 |
| кварт | | | | | | | E 130 | 150 | 210 | 250 | 285 | 305 | 305 | 310 | 305 | 295 | 265 | 230 | 180 | E | E | E | E | |

2834

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15 сек. мин.

Станция автоматическая
(ручная, автоматическая)

2834

h'E км. Март 1960г.

ИЗМИРАН

(станция) (длина) (ширина) (год)

Станция

Москва, Красная Пахра

Кем составлена

Филиппов

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

Долгота

37°19'E

широта

55°28'N

полюсное время 30°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|-------|----|----|----|----|-------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|---|
| 1 | | | | | | | E | 125 | 115 | 105 | 105 | 105 | 105 | E120A | 115H | E120A | 120H | 145E | | | | | | | E |
| 2 | | | | | | E | S | E125E | 115 | 115 | 110 | E130A | E145A | 100 | 110 | 115 | 120H | E115E | E | | | | | | |
| 3 | | | | | | | E145E | E130S | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110H | 115H | E140E | E | | | | | | |
| 4 | | | | | | | E | 135 | 115 | 110 | 105H | 105 | 105 | 105 | 105H | 110 | 120 | E150E | E | | | | | | |
| 5 | | | | | | | 115 | E110A | 110 | 110 | 110 | E140A | E115A | 110 | 110 | 110 | 115 | E135E | E | | | | | | |
| 6 | | | | | | | E125E | 120 | 115 | 105 | 105 | 105 | 105H | 105H | 105H | 105H | 100H | E150A | E | | | | | | |
| 7 | | | | | | | E | 110 | 110 | 110 | 110 | 110 | 110H | E115A | 110 | 110 | E120A | E155A | E | | | | | | |
| 8 | | | | | | | E210E | 120 | 105 | 105 | 105 | 105 | 100 | 110 | 115 | 115 | E145E | E | | | | | | | |
| 9 | | | | | | | E150E | 115 | 110 | E120E | 110 | 110 | 110 | 110 | 110 | 110 | 110H | E130E | E | E | | | | | |
| 10 | | | | | | | E150E | 120 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 115H | 145H | E | E | | | | | |
| 11 | | | | | | | 125 | 125 | 115 | 110 | 110 | 105 | 110 | 110 | 115H | 105H | 105H | E135E | E | E | | | | | |
| 12 | | | | | | | 130 | 110 | 110 | 105 | 105 | 105 | 105 | 105H | 105H | 105 | 110 | E135E | E | | | | | | |
| 13 | | | | | E | E | E160E | 120 | 115 | 110 | 110 | 105 | 105 | 105 | 110 | 115 | E120A | E130E | E | | | | | | |
| 14 | | | | | | | 125H | 115 | 110H | 110 | A | A | 110H | 110 | 105 | 105 | 115 | 125 | | | | | | | |
| 15 | | | | | | | E120S | 115 | 110 | 110 | 110 | 110 | 110 | 110 | 110H | 110H | 115 | 125 | | | | | | E | E |
| 16 | E | | | | | E | 115H | 125 | 110 | 105 | 110 | 110 | 110 | 110 | 110 | 115 | 115 | 130H | E | | | | | | |
| 17 | | | | | | E | 125H | 115H | 110 | 110H | 110 | 105 | 105 | 110 | 110 | 115 | 120 | 120H | E140E | | | | | | |
| 18 | | | | | | | E130A | 110H | 115 | 110 | 110 | 110 | 110 | 105 | 110 | 105H | E125A | E130A | 110 | | | | | | |
| 19 | | | | | | | E145E | 110 | 110 | 110 | 105 | 105 | 110 | E120E | E125E | 110 | 115 | 105H | E | | | | | | |
| 20 | | | | | | E | E140E | 120H | 110 | 105 | 105 | 105 | 105 | 105 | E115A | E110A | 110H | E130A | E200E | | | | | | |
| 21 | | | | | | E | 130H | 115 | 115 | 110 | 110 | 110 | 110 | 110 | 105 | 105H | 120H | E120E | E200E | | | | | | |
| 22 | | | | | | E | E120E | 115 | 110 | 105 | 105 | 105 | E105A | 105 | 105 | 100 | 110 | 110 | E | | | | | | |
| 23 | | | | | | E | 120 | 110 | 110H | 105 | 105 | 105 | 105 | 100 | 110 | 110 | 110H | 115 | E | E | | | | | |
| 24 | | | | | | E | 130H | 115 | 105 | 105 | 105 | 105 | 105 | A | E125A | E125A | E130A | E140A | A | E | | | | | |
| 25 | | E | E | | | E230E | 120H | 110 | 110 | 105 | 105 | 105 | 105H | 105 | 105 | 105 | 105 | 105H | E | | | | | | |
| 26 | | | | | | E300E | E125E | 110 | 110 | 110 | 105 | 105 | 105 | 110 | 110 | 110 | 105 | E120E | E125E | | | | | | |
| 27 | | | | | E | E225E | E120E | 110 | 110 | 110 | 110 | 105 | 100H | 105 | 105H | 105H | 110 | 115H | 115H | | | | | | |
| 28 | | | | | E | E | 120 | 115 | 110 | 105 | 100 | 105 | 105 | 105 | 110 | 110 | 110 | 120 | E145E | E | | | | | |
| 29 | | | | | | E175E | 125 | 110 | 105 | B | B | B | 120 | 105H | 115 | 110H | 115 | 120 | E125E | E | | | | | |
| 30 | | | | | | E120E | 110 | E110A | 110 | 110 | 110 | E115E | 110 | 110 | 110H | E120A | 110H | 115H | E130E | E | E | E | | | |
| 31 | | | | | E250E | 130 | C | E120E | 110H | 110 | 110 | E115E | E115E | 110 | 110 | 115 | 115 | 120 | 135 | | | | | | B |
| КВ. | | | | | | | D30 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | D20 | | | | | | | |
| Медиа | E | E | E | | E | E | E125 | 115 | 110 | 110 | 110 | 105 | 105 | 105 | 110 | 110 | 115 | E130 | E | E | E | E | E | E | |
| Учито | 1 | 1 | 1 | | 4 | 15 | 29 | 28 | 31 | 29 | 29 | 25 | 28 | 27 | 28 | 28 | 27 | 31 | 29 | 8 | 1 | 1 | 1 | 2 | |
| кварт | | | | | | E175 | 120 | 110 | 110 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 110 | 120 | E140 | E | E | | | | |
| | | | | | | E | E150 | 120 | 115 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 115 | E140 | E | E | | | | | |

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15сек.мин.

Высоты отсчитаны с точностью 5 км.
Станция автоматическая
(ручная, автоматическая)

ГоEs 0,1 МГц. Март 1960г.

(характеристика) (единица) (мощность) (год)

ИЗМИРАН

(местность)

Станция Москва, Красная Пахра

Кем составлена ФИЛИПЦОВОЙ

ИОНОСФЕРНЫЕ ДАННЫЕ

Долгота 37°19'Е широта 55°28'N

полное время 30°E

Кем подсчитана

| Диа | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|--------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 1 | E13B | E15B | E | E | 20M | E13B | G | 16G | 24G | 30 | 29G | 26G | 24G | 27G | G | 20G | G | G | E | E | 20 | E14B | J16X | E13S |
| 2 | E15S | E14B | 18M | J17X | 20M | E | G | G | 23G | 24G | G | 30 | 29G | G | G | G | G | G | 16G | E13S | E14S | E13B | E13B | E |
| 3 | E12S | E | E | E | E | E12B | G | 18G | 25 | 26G | 33 | 31 | 31G | G | G | G | G | G | 13 | E13S | E13S | E | E14B | E |
| 4 | E | 20M | E | E | E | E | G | 20G | G | 34 | G | G | G | G | G | G | G | G | E11B | E12B | E14B | E14B | E15B | E13B |
| 5 | E14B | E11B | E11B | E | 13 | E12B | G | 20G | 24G | 26G | 32 | 30 | 22G | 19G | G | G | 22 | G | 20M | 20M | E12B | E13B | E13B | E |
| 6 | 12 | 13 | 15 | E | E | E | G | G | G | 26G | 26G | G | G | G | G | G | G | 21 | G | E12B | E12B | E | 15 | E13B |
| 7 | E14B | 19 | E | E | E | E11B | G | 16G | G | 29 | G | 25G | G | 18G | G | G | 22G | 15G | G | E11B | E11B | E11B | E11B | E14B |
| 8 | E14B | E13B | E | E | E | E11B | G | G | 25G | 27G | 25G | 22G | G | G | G | G | G | G | E12B | E12B | E13S | E11B | E12B | E14S |
| 9 | E14B | E14S | E | E | E | E | G | G | 26 | 29G | 34 | G | G | G | G | G | 24 | G | G | E12B | E12B | E12B | E14B | E12B |
| 10 | E14B | E | E | E12B | E | E13B | G | G | 29 | 30 | 30G | G | G | G | G | 26 | G | G | G | E | E13B | E15B | E13B | E11B |
| 11 | E12B | E | E | E | E | E12B | G | G | 26 | 29 | 29 | 30G | 36 | 32 | G | G | G | G | E12B | E12B | E | E12B | E12B | E11B |
| 12 | E13B | E | E | 16 | E | E11B | G | G | 28 | 30 | 31 | 33 | G | G | G | G | 13G | 18 | 18 | E13B | E11B | E13B | E12B | 18 |
| 13 | E12B | E11B | 12 | E | E | E | G | G | G | G | G | G | G | G | G | G | 22G | 13G | E12S | E12S | E | E12B | E13S | E13S |
| 14 | E12S | E | E | E | E | E | G | G | G | 28G | 30 | 36 | G | G | G | G | G | 16G | G | E11B | E12B | E12B | E14B | E:2B |
| 15 | E13B | E12B | E | E | E | G | G | 23G | G | G | 31 | 30G | 30G | 30G | G | G | 24 | G | G | E11B | E13B | E12B | E14B | E13B |
| 16 | E15S | E12B | 11 | E | E | G | G | G | G | G | G | G | G | G | G | G | G | G | G | E11B | E11B | E11B | E12B | E15S |
| 17 | E14S | E13S | E | E | E | G | G | G | G | G | 32G | 33 | 32 | G | G | G | G | G | G | Y | E12S | E14B | E14B | E11B |
| 18 | E13S | E12S | E | E | E | E14S | 50 | G | G | G | 33 | 30G | 30G | 25G | 30 | G | 18G | 20 | G | E12B | E13B | 15 | E13B | 17 |
| 19 | 18 | E | E | E | E | E | G | G | 25G | G | 31 | 33 | 32 | 25G | 26G | G | G | G | G | E12B | 15 | E11B | E11B | E11B |
| 20 | E | E12B | E | E | E | G | G | 17 | G | G | 34 | G | G | 33 | 15G | 30 | 13G | 20 | 15 | E | E | E12B | E11B | E17S |
| 21 | E16S | E16S | E | E11B | 20M | G | G | G | 36 | G | G | 37 | G | 34 | 33 | 33 | G | G | G | 17 | E16B | E12B | E12B | E13B |
| 22 | E12B | E11B | E | E | E | G | G | G | G | 38 | 36 | 38 | 35 | 34 | 36 | G | G | 22 | 15 | E12B | E13B | E11B | 18 | E11B |
| 23 | 20 | E12B | E | E | E | G | 18G | G | G | G | 33 | 40 | 34 | G | 16G | G | G | G | 18 | E12B | E12B | E14B | E12B | E15B |
| 24 | E13B | E12B | E | E | E | G | 20G | 26 | 30 | 34 | 34 | 34 | 36 | 36 | 33 | 27G | 23G | 22 | 18 | J15X | E11B | E | E12B | E14B |
| 25 | E | E11B | E | E | E | G | G | G | G | G | 36 | 34 | 34 | G | G | G | G | 15 | E | E11B | E | E14B | E14B | |
| 26 | E | E | E | E | E | G | G | G | G | G | 36 | G | G | G | G | G | G | G | 14 | E13B | 23 | E13B | E12B | 16 |
| 27 | E | E12B | E12B | E | E | G | G | G | G | G | 32G | 31G | G | G | G | G | G | G | G | E11B | E12B | E12B | E14B | E14B |
| 28 | E11B | E12B | E | E | E | G | 20G | G | G | 33 | 34 | 35 | 34 | G | G | G | 26G | G | G | E | E12B | E12B | E11B | E |
| 29 | E15B | E | E | E | E | G | 25 | G | G | G | G | G | 38 | G | G | G | G | 22 | G | E13B | E13C | J16X | J17X | E13C |
| 30 | E13B | E13B | E | E | E | G | G | 29 | 31 | 32 | 34 | G | G | G | G | 26G | 29 | G | G | E | E | E13B | E16B | |
| 31 | E14B | E12B | E | E | G | G | G | G | 30 | 32 | 38 | 34 | 34G | 33G | G | 33 | G | 25 | 20 | 28 | E12B | 24 | B | 21 |
| Медиа: | E13B | E12B | E | E | E | G | G | G | G | 26 | 32 | 30 | 22 | G | G | G | G | G | G | E12B | E12B | E12B | E13B | E13B |
| Учено | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 31 |
| кварт | E12 | E | E | E | E | G | G | G | G | 16 | G | 26 | G | 34 | G | G | G | G | G | E11 | E11 | E11 | E12 | E11 |
| | E14 | E13 | E | E | E | E11 | G | G | G | 25 | 30 | 34 | G | 34 | G | 27 | G | G | G | E13 | E13 | E14 | E14 | E15 |

2834

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Станция автоматическая

Станция

Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена

Филипповой

Долгота

37°19'Е

широта

55°28'N

полярное время 30°Е

Кем подсчитана

| Дни | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|------|------|------|------|------|------|------|
| 1 | E13B | E13B | E | E | E | E13B | G | 16G | 24G | 30 | 29G | 26G | 24G | 27G | G | 20G | G | E | E | 16 | E14B | J14X | E13S | |
| 2 | E15S | E14B | E | E | E | E | G | G | 23G | 24G | G | 27 | 29G | G | G | G | G | 13 | E13B | E14S | E13B | E13B | E | |
| 3 | E12S | E | E | E | E | E12B | G | 18G | G | 26G | 33 | 31 | 29G | G | G | G | G | 12 | E13S | E13S | E | E14B | E | |
| 4 | 12 | E | E | E | E | E | G | 20G | G | 33 | G | G | G | G | G | G | G | E11B | E12B | E14B | E14B | E15B | E13B | |
| 5 | E14B | E11B | E11B | E | 11 | E12B | G | 20G | 24G | 26G | 32 | 29 | 22G | 19G | G | G | 22 | G | E13S | E | E12B | E13B | E13B | |
| 6 | 12 | 1J | 14 | E | E | E | G | G | G | 26G | 26G | G | G | G | G | G | 15 | G | E12B | E12B | E | 15 | E13B | |
| 7 | E14B | 11 | E | E | E | E11B | G | 16G | G | 29 | G | 25G | G | 18G | G | G | 16G | 15G | G | E11B | E11B | E11B | E14B | |
| 8 | E14B | E13B | E | E | E | E11B | G | G | G | 27G | 25G | 22G | G | G | G | G | G | E12B | E12B | E13S | E11B | E12B | E14S | |
| 9 | E14B | E14S | E | E | E | E | G | G | G | G | 31 | G | G | G | G | G | 24 | G | G | E | E12B | E12B | E14B | E12B |
| 10 | E14B | E | E | E12B | E | E13B | G | G | G | G | G | 30G | G | G | G | G | G | G | E | E13B | E15B | E13B | E11B | |
| 11 | E12B | E | E | E | E | E12B | G | G | 26 | 29 | 29 | 30 | G | G | G | G | G | G | E12B | E | E12B | E12B | E11B | |
| 12 | E13B | E | E | 15 | E | E11B | G | G | 28 | 30 | 31 | G | G | G | G | G | 130 | 16 | 17 | E13B | E13B | E12B | 16 | |
| 13 | E12B | E11B | E | E | E | E | G | G | G | G | G | G | G | G | G | 16G | G | E12S | E12S | E | E12B | E13S | E13S | |
| 14 | E12S | E | E | E | E | E | G | G | G | G | 30 | 32 | G | G | G | G | 16G | G | E11B | E12B | E12B | E14B | E12B | |
| 15 | E13B | E12B | E | E | E | C | G | 23G | G | G | G | 30G | 30G | 30G | G | G | G | G | E11B | E13B | E12B | E14B | E13B | |
| 16 | E15S | E12B | 11 | E | E | G | G | G | G | G | G | G | G | G | G | G | G | G | E11B | E11B | E11B | E12B | E15B | |
| 17 | E14S | E13S | E | E | E | G | G | G | G | G | 32 | 33 | 32 | G | G | G | G | G | 12E | E12S | E14B | E14B | E11B | |
| 18 | E13S | E12S | E | E | E | E14S | 14 | G | G | G | 32 | 30 | 30 | 25 | G | G | 16G | 20G | G | E12B | E13B | 14 | E13B | 13 |
| 19 | 14 | E | E | E | E | E | G | G | 25G | G | 31 | 32 | 25G | 26G | G | G | G | G | E12B | 12 | E11B | E11B | E11B | |
| 20 | E | E12B | E | E | E | G | 17 | G | G | G | 33 | G | G | 33 | 15 | 14 | 13 | 17 | G | E | E | E12B | E11B | E17S |
| 21 | E16S | E16S | E | E11B | 11G | G | G | G | G | G | 34 | G | 31 | G | G | G | G | G | 16 | E13B | E12B | E12B | E13B | |
| 22 | E12B | E11B | E | E | E | G | G | G | G | G | 32 | 33 | 33 | 32 | G | G | G | G | 12 | E12B | E13B | E11B | 17 | E11B |
| 23 | 18 | E12B | E | E | E | G | G | G | G | G | G | G | G | 16G | G | G | G | G | 17 | E12B | E12B | E14B | E12B | E15B |
| 24 | E13B | E12B | E | E | E | G | 20G | 26 | 30 | 34 | 34 | 34 | 36 | 36 | 27 | 26G | 22G | 16 | 14 | J15X | E11B | E | E12B | E14B |
| 25 | E | E11B | E | E | E | G | G | G | G | G | G | G | G | G | G | G | G | G | 14 | E | E11B | E | E14B | E14B |
| 26 | E | E | E | E | E | G | G | G | G | G | 32 | G | G | G | G | G | G | G | 14 | E13B | 20 | E13B | E12B | 14 |
| 27 | E | E12B | E12B | E | E | G | G | G | G | G | 32 | 31 | G | G | G | G | G | G | G | E11B | E12B | E12B | E14B | E14B |
| 28 | E11B | E12B | E | E | E | G | 20G | G | G | 33 | 34 | 35 | 34 | G | G | G | 26G | G | G | E | E12B | E12B | E11B | E |
| 29 | E15B | E | E | E | E | G | G | G | G | B | B | B | 38 | G | G | G | G | G | G | E13B | E13C | J15X | J15X | E13C |
| 30 | E13B | E13B | E | E | E | G | G | 29 | 30 | G | 32 | G | G | G | G | 26G | G | G | G | E | E | E13B | E16B | |
| 31 | E14B | E12B | E | E | E | G | G | G | G | 32 | 34 | 34 | 34 | 33 | G | 32 | G | 25 | 20 | 22 | E12B | 12 | B | 16 |
| Модуль | E13B | E12B | E | E | E | G | G | G | G | G | 30 | 28 | G | G | G | G | G | G | G | E12B | E12B | E12B | E13B | E13B |
| Углы | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 |
| Варт. | E12 | E | E | E | E | G | G | G | G | G | G | G | G | G | G | G | G | G | G | F11 | E11 | E12 | E11 | |
| | E14 | E13 | E | E | E | E11 | G | 16 | 23 | 29 | 32 | 31 | 30 | 25 | G | G | 13 | 15 | 12 | E13 | E15 | E13 | E14 | E14 |

h'Es км. Март 1960г.

(СЭАН) (УРЕСТАНА) (СДВЯИМ) (МНОИМ) (ГОД)

ИЗМИРАН

(ИСТИТУТ)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИПОВОЙ

Долгота 37°19'E широта 55°28'N

поясное время 300E

Кем подсчитана

| Дня | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|-----|-----|-----|-----|-----|------|------------|------------|-----------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-----|---|
| 1 | B | B | E | E | 100 | B | G | E1600E1300 | 115 | 105 | 110 | 105 | 120 | G | 105 | G | G | E | E | 115 | B | 115 | S | |
| 2 | S | B | 105 | 100 | 100 | E | G | G | 120 | 120 | G | 110 | 105 | G | G | G | G | 100 | B | S | S | B | B | E |
| 3 | S | E | E | E | E | B | G | 130 | E1500E1500 | E1500 | 115 | 115 | G | G | G | G | G | 130 | S | S | E | B | E | |
| 4 | E | 110 | E | E | E | E | G | E1400 | G | 120 | G | G | G | G | G | G | G | B | B | B | B | B | B | |
| 5 | B | B | B | E | 120 | B | G | 110 | E1550 | 120 | 110 | 105 | 105 | 100 | G | G | E1500 | G | 100 | 100 | B | B | B | |
| 6 | 105 | 105 | 105 | E | E | E | G | G | E1250E1200 | G | G | G | G | G | G | G | 100 | G | B | B | E | 115 | B | |
| 7 | B | 100 | E | E | E | B | G | 120 | G | E1500 | G | 110 | G | 100 | G | G | 105 | 110 | G | B | B | B | B | |
| 8 | B | B | E | E | E | B | G | G | E1450E1350E1200 | 110 | G | G | G | G | G | G | G | B | B | S | B | P | S | |
| 9 | B | S | E | E | E | E | G | G | E1300E1300 | 120 | G | G | G | G | G | G | E1600 | G | G | E | B | B | B | |
| 10 | B | E | E | B | E | B | G | G | E1400E1250 | 120 | G | G | G | G | E1450 | G | G | G | E | B | B | B | B | |
| 11 | B | E | E | E | E | B | G | G | E1500E1250E1200 | 105 | 110 | 125 | G | G | G | G | G | B | E | B | B | B | | |
| 12 | B | E | E | 105 | E | B | G | G | 125 | 115 | 110 | E1250 | G | G | G | G | 100 | E1450 | 100 | B | B | B | 105 | |
| 13 | B | B | 105 | E | E | E | G | G | G | G | G | G | G | G | G | 100 | 100 | S | S | E | B | S | | |
| 14 | S | E | E | E | E | E | G | G | G | E1350 | 110 | 110 | G | G | G | G | E1300 | G | B | B | B | B | | |
| 15 | B | B | E | E | E | C | G | E1700 | G | G | E1350 | 110 | 110 | 110 | G | G | 120 | G | B | B | B | B | | |
| 16 | S | B | 155 | E | E | G | G | G | G | G | G | G | G | G | G | G | G | G | B | B | B | B | | |
| 17 | S | S | E | E | E | G | G | G | G | E1600E1450 | E1600 | G | G | G | G | G | G | 115 | S | B | B | B | | |
| 18 | S | S | E | E | E | S | 110 | G | G | G | 120 | 120 | 110 | 105 | E1400 | G | 100 | E1350 | G | B | B | 115 | | |
| 19 | 100 | B | E | E | E | E | G | G | 125 | G | 120 | 115 | 110 | 105 | G | G | G | G | B | 110 | B | B | | |
| 20 | E | B | E | E | E | E | G | E1500 | G | G | G | 120 | G | 120 | 100 | E1400 | 100 | 115 | 110 | E | E | B | | |
| 21 | S | S | E | B | 115 | G | G | G | 125 | G | G | 130 | G | E1750 | E1600 | 140 | G | G | G | 130 | B | B | B | |
| 22 | B | B | E | E | E | G | G | G | G | 120 | 115 | 120 | 105 | 125 | 120 | G | G | E1500 | 125 | B | B | B | | |
| 23 | 105 | B | E | E | E | G | E1600 | G | G | G | E1500 | 120 | E1250 | G | 100 | G | G | 125 | B | B | B | B | | |
| 24 | B | B | E | E | E | G | E1600E1450 | E1350 | 120 | 120 | 120 | 120 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | B | E | B | | |
| 25 | E | B | E | E | E | G | G | G | G | G | 120 | 110 | 115 | G | G | G | G | 125 | E | B | E | B | | |
| 26 | E | E | E | E | E | G | G | G | G | G | 115 | G | G | G | G | G | G | G | 120 | B | 110 | B | 110 | |
| 27 | E | B | B | E | E | E | G | G | G | G | 115 | 110 | G | G | G | G | G | G | B | B | B | B | | |
| 28 | B | B | E | E | E | G | E1400 | G | G | E1350 | E1300 | 115 | 115 | G | G | G | E1300 | G | E | B | B | B | | |
| 29 | B | E | E | E | E | G | 100 | G | G | B | B | B | 125 | G | G | G | E1400 | G | B | C | U1200 | U1200 | | |
| 30 | B | B | E | E | E | G | G | E1200 | 110 | E1200 | 115 | G | G | G | 110 | E1500 | G | G | E | E | B | B | | |
| 31 | B | B | E | E | G | G | C | G | E1300E1200 | 120 | E1200 | 120 | 130 | G | 120 | G | E1350 | 130 | 125 | B | 140 | B | 140 | |
| Д. КР. | | | | | | U50 | 30 | U25 | D15 | 5 | 10 | 10 | 20 | 10 | 30 | 5 | U35 | 25 | 30 | | | | | |
| Миним | 105 | 105 | 105 | 100 | 110 | | E140 | E130 | E120 | 120 | 110 | 110 | 110 | 100 | 110 | 100 | E130 | 120 | 115 | 110 | 120 | 115 | 110 | |
| Улучш | 3 | 3 | 4 | 2 | 4 | | 6 | 8 | 13 | 18 | 18 | 19 | 14 | 11 | 5 | 5 | 7 | 11 | 11 | 5 | 3 | 3 | 4 | |
| КВЕРТ | | | | | | 110 | 120 | 125 | 120 | 115 | 110 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | | | | | |
| | | | | | | E160 | 150 | E150 | E135 | 120 | 120 | 115 | 125 | 110 | 130 | 105 | E135 | 125 | 130 | | | | | |

2834

Высоты отсчитаны с точностью 5 км.

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.мин. Станция автоматическая

2834

ТИП В Март 1960г.

ИЗМИРАН

(станция) (разность) (часов) (месяц) (год)

(широта)

Станция

Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена

Филипповой

Долгота

37°19' E широта 55°28' N

полное время 30° E

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | |
|-----|----|----|----|----|----|----|-------|----|----|----|----|----|----|------|------|-------|----|-------|------|----|----|----|----|----|--|--|
| | | | | | f2 | | | e2 | e2 | e3 | e2 | e2 | e1 | e212 | | 11 | | | | | f2 | | f1 | | | |
| | | f1 | f2 | f1 | | | | e2 | e5 | e2 | | 12 | 12 | | | | | | 11 | | | | | | | |
| | | f1 | | | | | | e2 | e2 | e1 | e1 | e3 | e1 | | | | | | e1 | | | | | | | |
| | | | | | f2 | | | e4 | e1 | e2 | e2 | 12 | 12 | 11 | | | e1 | | 11 | f1 | | | | | | |
| | f1 | f1 | f3 | | | | | e1 | | e2 | e2 | | | | | | | 12 | | | | | | f2 | | |
| | | f1 | | | | | | e2 | e2 | e1 | e2 | e1 | | 12 | | | 12 | 11 | | | | | | | | |
| | | | | | | | | e1 | e2 | e2 | e1 | e2 | e1 | | | | e2 | | | | | | | | | |
| | | | | | | | | e2 | e2 | e2 | e2 | e1 | | | | | e1 | | | | | | | | | |
| | | | f4 | | | | | e1 | e2 | e2 | e2 | e1 | | | | | 12 | e2 11 | 12 | | | | | f3 | | |
| | | f2 | | | | | | e2 | e2 | e2 | e1 | | | | | | 11 | 11 | | | | | | | | |
| | | | | | | | | e1 | | e1 | e2 | e2 | e2 | e2 | | | e1 | | | | | | | | | |
| | | | f2 | | | | | | | e1 | e2 | e1 | | | | | | | | | f1 | | | | | |
| | f1 | | | | | | 11 e1 | | | e2 | e2 | e2 | e2 | e2 | e1 | | 11 | e2 11 | | | | f3 | | f1 | | |
| | | | | | | | e2 | | e2 | e1 | e1 | e1 | e1 | e1 | e2 | | | | | | f2 | | | | | |
| | | | | | | | | | | e3 | e3 | | | e2 | 11 | 11 e2 | 12 | e1 | 11 | | | | | | | |
| | | | | | f1 | | | 11 | | e2 | e2 | | | e1 | e1 | e2 | | | | f2 | | | | | | |
| | f2 | | | | | | e1 | | e1 | e1 | e1 | e1 | e1 | e1 | e1h1 | | | e1 | e2 | | | | | | | |
| | | | | | | | e2 | e2 | e2 | e4 | e4 | e2 | e2 | 12 | 12 | 14 | 13 | 13 | 13 | 13 | 12 | | | | | |
| | | | | | | | | | | e1 | e1 | e1 | | | | | | | e212 | | | | | | | |
| | | | | | | | | | | e2 | e2 | e1 | | | | | | | e2 | | f4 | | | f1 | | |
| | | | | | | | e2 | | | e1 | e2 | e2 | e2 | | | | e2 | | | | | | | | | |
| | | | | | | | 11 | | | e2 | e2 | e1 | e1 | | | | | e1 | | | | f1 | f1 | | | |
| | | | | | | | | e2 | 11 | e1 | e2 | | | | | 12 | e2 | | | | | | | | | |
| | | | | | | | | | e2 | e2 | e1 | e1 | e1 | e1 | | e2 | | e3 | e4 | f3 | | f3 | | f1 | | |

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Станция автоматическая
(ручная, автоматическая)

f-min 0.1 МГц. Март 1960г.

(кран: (метки) (длина) (мощ) (пол))

ИЗМИРАН

(автомат)

Станция Москва, Красная Шахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена

Филипповой

Долгота 37°19'E широта 55°28'N

полное время 30°E

Кем подсчитана

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|------|------|----|----|----|------|------|------|------|----|----|----|------|----|------|------|----|------|------|------|------|------|------|------|
| 1 | 13 | 15 | 10 | 10 | 10 | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 13 | 14 | 16 | 14 | 12 | 11 | 10 | 10 | 10 | 14 | E14S | E13S |
| 2 | E15S | 14 | 10 | 10 | 10 | 10 | E15S | 10 | E12S | 12 | 11 | 15 | E14S | 12 | 13 | E13S | 10 | E12S | 11 | 13 | E14S | 13 | 13 | 10 |
| 3 | E12S | 10 | 10 | 10 | 10 | 12 | 10 | E13S | 10 | 13 | 10 | 13 | 13 | 12 | 13 | 13 | 10 | 13 | 10 | E13S | E13S | 10 | 14 | 10 |
| 4 | 10 | 12 | 10 | 10 | 10 | 10 | 14 | 12 | 10 | 11 | 10 | 13 | 12 | 11 | 12 | 10 | 11 | 12 | 11 | 12 | 14 | 14 | 15 | 13 |
| 5 | 14 | 11 | 11 | 10 | 10 | 12 | 10 | 11 | 13 | 12 | 12 | 13 | 13 | 11 | E14S | 14 | 13 | 13 | E13S | 10 | 12 | 13 | 13 | 10 |
| 6 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 13 | 13 | 11 | 13 | 14 | 13 | 14 | 13 | 11 | 11 | 10 | 11 | 12 | 12 | 10 | 12 | 13 |
| 7 | 14 | 11 | 10 | 10 | 10 | 11 | 13 | 10 | 12 | 11 | 13 | 12 | 13 | 13 | 12 | 13 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 14 |
| 8 | 14 | 13 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 11 | 12 | 13 | 17 | 10 | 15 | 13 | 11 | 13 | 12 | 12 | E13S | 11 | 12 | E14S |
| 9 | 14 | E14S | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 16 | 12 | 13 | 12 | 11 | 11 | 12 | 11 | 12 | 11 | 10 | 12 | 12 | 14 | 12 |
| 10 | 14 | 10 | 10 | 12 | 10 | 13 | 10 | 12 | 12 | 13 | 14 | 13 | 14 | 14 | 15 | 13 | 12 | 12 | 12 | 11 | 13 | 15 | 13 | 11 |
| 11 | 12 | 10 | 10 | 10 | 10 | 12 | 10 | 11 | 13 | 12 | 15 | 15 | 15 | 15 | 14 | 13 | 11 | 11 | 10 | 12 | 10 | 12 | 12 | 11 |
| 12 | 13 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 10 | 12 | 12 | 13 | 14 | 13 | 14 | 11 | 10 | 10 | 11 | 13 | 11 | 13 | 12 | 12 |
| 13 | 12 | 11 | 10 | 10 | 10 | 10 | 11 | 10 | 11 | 13 | 18 | 20 | 13 | 12 | 14 | 12 | 10 | 11 | E12S | E12S | 10 | 12 | E13S | E13S |
| 14 | E12S | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 13 | 15 | 13 | 15 | 13 | 12 | 13 | 12 | 11 | 11 | 12 | 12 | 14 | 12 |
| 15 | 13 | 12 | 10 | 10 | 10 | E15C | E12S | 12 | 13 | 11 | 14 | 16 | 15 | 16 | 15 | 13 | 13 | 13 | 13 | 11 | 13 | 12 | 14 | 13 |
| 16 | E15S | 12 | 10 | 10 | 10 | 10 | 10 | 13 | 12 | 12 | 16 | 15 | 16 | 16 | 13 | 13 | 13 | 11 | 13 | 11 | 11 | 11 | 12 | E15S |
| 17 | E14S | E13S | 10 | 10 | 10 | 10 | 10 | 11 | 13 | 13 | 14 | 14 | 16 | 15 | 14 | 15 | 15 | 13 | 10 | 12 | E12S | 14 | 14 | 11 |
| 18 | E13S | E12S | 10 | 10 | 10 | E14S | 10 | 14 | 12 | 14 | 14 | 14 | 16 | 14 | 14 | 13 | 12 | 10 | 10 | 12 | 13 | 12 | 13 | 12 |
| 19 | 12 | 10 | 10 | 10 | 10 | 12 | 13 | 11 | 12 | 13 | 13 | 13 | 15 | 14 | 12 | 13 | 12 | 10 | 13 | 12 | 10 | 11 | 11 | 11 |
| 20 | 10 | 12 | 10 | 10 | 10 | 10 | 13 | 13 | 12 | 13 | 12 | 14 | 14 | 13 | 11 | 10 | 10 | 11 | 11 | 10 | 10 | 12 | 11 | E17S |
| 21 | E16S | E16S | 10 | 11 | 11 | E11S | 13 | 13 | 12 | 13 | 13 | 13 | 14 | 12 | 12 | 12 | 13 | 10 | 11 | 12 | 13 | 12 | 12 | 13 |
| 22 | 12 | 11 | 10 | 10 | 10 | 12 | 10 | 13 | 11 | 12 | 13 | 10 | 14 | 13 | 13 | 10 | 10 | 12 | 10 | 12 | 13 | 11 | 12 | 11 |
| 23 | 12 | 12 | 10 | 10 | 10 | 11 | 10 | 10 | 11 | 11 | 13 | 11 | 13 | 12 | 11 | 10 | 10 | 11 | 11 | 12 | 12 | 14 | 13 | 15 |
| 24 | 13 | 12 | 10 | 10 | 10 | 15 | 12 | 12 | 10 | 11 | 13 | 13 | 14 | 13 | 13 | 12 | 11 | 11 | 10 | 11 | 11 | 10 | 12 | 14 |
| 25 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 13 | 14 | 12 | 14 | 15 | 14 | 13 | 14 | 11 | 11 | 11 | 10 | 11 | 10 | 14 | 14 |
| 26 | 10 | 10 | 10 | 10 | 10 | 13 | 12 | 12 | 11 | 12 | 12 | 11 | 15 | 12 | 15 | 14 | 11 | 10 | 10 | 13 | 10 | 13 | 12 | 12 |
| 27 | 10 | 12 | 12 | 10 | 10 | 10 | 13 | 10 | 12 | 13 | 20 | 14 | 12 | 16 | 13 | 12 | 11 | 10 | 10 | 11 | 12 | 12 | 14 | 14 |
| 28 | 11 | 12 | 10 | 10 | 10 | 12 | 11 | 13 | 11 | 11 | 14 | 15 | 14 | 16 | 12 | 13 | 11 | 10 | 11 | 10 | 12 | 12 | 11 | 10 |
| 29 | 15 | 10 | 10 | 10 | 10 | 12 | 10 | 12 | 12 | В | 50 | 41 | 24 | 15 | 18 | 14 | 13 | 12 | 13 | 13 | E13C | E13C | E13C | E13C |
| 30 | 13 | 13 | 10 | 10 | 10 | E13C | 14 | 13 | 14 | 13 | 14 | 17 | 13 | 16 | 14 | 14 | 12 | 12 | 13 | 10 | 11 | 13 | 13 | 16 |
| 31 | 14 | 12 | 10 | 10 | 10 | 10 | 13 | 14 | 11 | 13 | 14 | 17 | 15 | 14 | 14 | 13 | 10 | 12 | 11 | 13 | 12 | 12 | В | 16 |
| Д.КВ. | 4 | 2 | | | | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 |
| Число | 28 | 27 | 31 | 31 | 31 | 28 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 29 | 29 | 28 | 30 | 30 | 25 |
| Радикал | 12 | 11 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 12 |
| кварц | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 12 | 12 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 11 |
| | 14 | 12 | 10 | 10 | 10 | 12 | 13 | 13 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 14 | 12 | 12 | 12 | 12 | 13 | 13 | 14 | 14 |

Станция Москва, Красная Пахра

МОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИПОВОЙ

Долгота 37°19'Е широта 55°28'N

полное время 30°0E

Кем подсчитана

| Лин | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-------|------|-------|-------|-----|------|-------|------|------|------|
| 1 | F E21G | F E19G | F E20G | F E24G | F E30G | F E33G | F E34G | F E36G | F E36G | B | B | B | B | B | B | B | B | A | A | A | A | A | A |
| 2 | F E21G | F E19G | F E20G | F E24G | F E30G | F E33G | F E34G | F E36G | F E36G | 46 | 51 | 60 | 70 | 71 | 75 | J72S | 67 | 69 | 67 | 61 | 59 | 54 | 50 |
| 3 | 47 U45F | 39F | 30 | 25F | 39 | 48F | E46G | 67 | 63 | 60 | 61 | 64 | 74 | 79 | 77 | 80 | 80 | 84 | 80 | 66 | U54F | I47A | 40 |
| 4 | U39F | 36F | 35F | 33F | 31F | 40 | 52 | 64 | 77 | 87 | 91 | 90 | 88 | 88 | 88 | 91 | 92R | 88 | 83 | 75 | J60R | 59 | 59 |
| 5 | 49S | 46 | 43 | 42 | 38F | 42 | 50 | 51 | 61 | 67 | 85 | 87 | 84 | 83 | 84 | 81 | 85 | 83 | J78R | 79 | U68R | 56 | 51 |
| 6 | J42R | 39 | 34 | 30 | 30F | 38 | 45 | 50 | 58 | 62 | 68 | 69 | 78 | 78 | 81 | 80 | 78 | 84 | 89 | 84 | 76 | 60 | 56S |
| 7 | 47 | 46 | 45 | 43 | 36 | 42 | 50 | 57 | 70 | 82 | 87 | 92V | 89 | 88 | 86 | 85 | 84 | 84 | 86 | 80 | U72S | U58S | 49 |
| 8 | 47 | 43 | 42 | 39 | 30 | 37 | 45 | 47 | 51R | 57 | 65 | 67 | 68 | 72 | 77 | 79 | 77 | 77 | 75R | 68 | J61R | 58 | J59R |
| 9 | 50 | 49 | 40F | 39F | 33 | 42 | 52 | 59 | 74R | 76 | 83 | 87 | 88 | 90 | 89 | 85 | 81 | 77 | 79 | 80 | 75 | U67C | 59 |
| 10 | 57 | 53 | 49 | 48 | 48 | 56 | 68 | 82 | 89 | 98 | 107 | 110 | 115 | 112 | 109 | J105R | 100 | 95R | U98R | 94 | 85 | 72R | 63S |
| 11 | 50 | J43R | F | F | F | 46F | 52 | 49 | 55 | U68R | 88 | 95 | 100 | 99 | 102 | 96 | 94 | 91 | 83 | U76C | 63R | 58 | 56 |
| 12 | 47F | 42F | 40V | 36F | 29 | 29 | E37G | 44 | 61 | 78 | 84 | 94 | 96 | 94 | C | C | C | 100 | 89 | 83 | 77 | 68 | 62S |
| 13 | 52 | 49 | 42 | 42 | 43 | 56 | 74 | 89 | 102R | U105R | 119 | 124 | 125 | 125 | 108 | 106 | 101 | 101 | 101 | 93S | 90 | 78 | 66 |
| 14 | 51 | 49 | 45 | 40 | 40 | 50 | 67 | 78 | 89 | 101 | 107 | 112 | 118 | 116 | 109 | 108 | J106R | 106 | 104 | 103 | 85 | 69 | U63C |
| 15 | 57 | 58 | 49 | 49 | 49 | 57 | J75R | 86 | 95 | 100 | J107R | 110 | 103 | 103 | 103 | 103 | 100 | 103 | 101 | U103C | 81 | 74R | U66C |
| 16 | 56 | 51F | 49 | 52 | 57 | 77 | 95 | U106S | 113 | 121 | 120 | 128 | 126 | 127 | 123 | 112 | 107 | 93 | 96S | 91 | 84S | 63S | 56 |
| 17 | 47 | 48 | 40R | J32S | 38 | 46 | 55 | 67 | 79 | 87 | 87 | 95 | 95 | 93 | 96 | 92 | 90 | 89 | 90 | 86 | 72S | U68S | U62S |
| 18 | 49 | 44 | 44 | 40 | 34 | 42 | 45 | 52S | 61R | 69V | 76 | 91 | 99 | 93 | 95 | 93 | 94 | 90 | 90 | 85 | 78 | 68 | 65 |
| 19 | 58 | 56 | 50 | 47 | 47 | 56 | 72 | 83 | 94 | 103R | 107 | 114 | 108 | 110 | 107 | 103 | 100 | 97 | 104 | 101 | 92 | 84 | 74 |
| 20 | 62S | 59 | 55 | 55 | 59 | 72S | 83 | 93 | J103R | 108 | 113 | 117 | 112 | 113 | 112 | 110 | 107 | 103 | 100S | 94S | 92 | 86 | 79 |
| 21 | 64 | 61 | 60 | 58 | 63 | 69 | 79 | 88 | 100 | 104 | 107 | 109 | 112 | 110 | 108 | 103 | 100 | 96 | 96 | 93 | 90 | 83 | 76 |
| 22 | 68 | 64 | 60 | 58 | 62 | 63 | 70 | 83 | U92C | 99 | 104R | 104 | 108R | J104R | 100R | 100 | J99R | 96 | 94 | 94 | 88 | 80 | 75 |
| 23 | 67 | 63 | 62 | 60 | 63V | 82 | 96 | 101 | 104 | 109 | 110 | 107 | 112 | 109 | 102 | 97 | 97 | 98R | 99R | 94 | 89 | 79R | 73S |
| 24 | 57 | 47 | 43F | 42 | 41V | U49F | 44 | 50 | 47 | E43G | 49 | 50 | 53 | 53 | 53 | 53F | 54 | 57 | 57 | 60 | 52 | 43 | 40 |
| 25 | 26 | J24R | J24R | F | 41 | 42V | E46G | 52 | 54 | 60 | 66 | 72 | 70 | 71 | 74 | 74 | 70 | 68 | 64 | J63S | J60R | J53R | J43R |
| 26 | J26S | J24R | 25R | J26R | 37 | 44 | 46 | U55R | 66 | U75R | 85 | U90C | 103 | 102 | 95 | 91 | 86 | 83 | 84 | 86 | 76 | 73 | 58 |
| 27 | 48 | 44 | 37 | 36 | 41 | 46 | 52 | 50 | 53 | 63 | 69 | 73 | 77 | 78 | 76 | U74R | 75 | 77 | 74 | 70 | 71 | 63 | 57 |
| 28 | 34 | 29 | 26 | 39 | 41 | 40 | E40G | E40G | E39G | 51 | 53 | 54 | 60 | 59 | 51 | 48 | 44 | 48 | 48 | 54S | 36 | 24F | 19F |
| 29 | 18F | 16 | 15F | U21F | 29 | E34G | 42 | 49 | 55 | 56 | 62F | 71 | 70 | 69 | 68V | 68 | 69 | 68 | 73 | 73 | 69 | 69 | 53 |
| 30 | 49 | 42 | 34 | 32 | 42 | E40G | E45G | 49 | 47 | 69 | 80 | 89 | 86 | 93 | 92 | 83 | 76 | 71 | 61 | B | A | A | A |
| 31 | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | 10 | 12 | 14 | 16 | 16 | 16 | 25 | 34 | 38 | 38 | 41 | 38 | 36 | 34 | 27 | 25 | 24 | 19 | 23 | 20 | 18 | 16 | 12 |
| Мелшова | 49 | 46 | 42 | 40 | 40 | 43 | 51 | 54 | 66 | 76 | 85 | 91 | 95 | 93 | 94 | 90 | 88 | 89 | 88 | 84 | 76 | 68 | 58 |
| Учхоз | 28 | 29 | 27 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 28 | 29 | 29 | 28 | 28 | 28 | 28 |
| кварт | 47 | 40 | 35 | 32 | 32 | 40 | 45 | 49 | 54 | 62 | 66 | 72 | 74 | 76 | 78 | 78 | 76 | 77 | 74 | 74 | 67 | 58 | 54 |
| | 57 | 52 | 49 | 48 | 48 | 56 | 70 | 83 | 92 | 100 | 107 | 110 | 110 | 110 | 105 | 103 | 100 | 96 | 97 | 94 | 85 | 74 | 66 |

(M3000)P2 0.01 Апрель 1960г.
(характеристика) (единицы) (месяц) (год).ИЗМИР АН
(институт)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИПОВОЙ

Долгота 37°19'Е широта 55°28'N

полное время 30°E

Кем подсчитана

| Дня | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|----------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| 1 | F | F | F | G | F | G | G | G | G | G | G | В | В | В | В | В | В | В | А | А | А | А | А | А |
| 2 | F | F | F | F | F | 0 | G | G | G | G | G | 275 | 295 | 310 | 305 | 320 | J320S | 320 | 305 | 300 | 290 | 285 | 295 | 290 |
| 3 | 285 | J290F | 270F | 265 | 250F | 300 | 265F | G | 265 | 305 | 280 | 290 | 325 | 325 | 310 | 295 | 310 | 305 | 295 | 300 | 295 | U295F | А | 265 |
| 4 | U265F | 250F | 260F | 270F | 275F | 250 | 310 | 305 | 305 | 295 | 290 | 300 | 295 | 290 | 300 | 295 | 295 | 305R | 305 | 295 | 290 | J270R | 265 | 255 |
| 5 | 225S | 235 | 245 | 265 | 255F | 270 | 290 | 295 | 275 | 270 | 265 | 295 | 290 | 285 | 290 | 295 | 305 | 300 | J295R | 285 | U270R | 270 | 260 | 270 |
| 6 | J265R | 250 | 265 | 265 | 275F | 295 | 315 | 290 | 285 | 285 | 280 | 290 | 290 | 295 | 295 | 300 | 295 | 310 | 305 | 305 | 300 | 295 | 270S | 270 |
| 7 | 250 | 255 | 265 | 280 | 280 | 300 | 295 | 280 | 300 | 290 | 280 | 300V | 300 | 290 | 290 | 290 | 305 | 305 | 305 | 285 | U275G | U265S | 240 | 240R |
| 8 | 245 | 250 | 245 | 240 | 250 | 275 | 275 | 265 | 265R | 275 | 260 | 270 | 280 | 275 | 290 | 290 | 300 | 300 | 290R | 290 | J270R | 265 | J270R | 255 |
| 9 | 265 | 260 | 260F | 255 | 270 | 285 | 290 | 295 | 290R | 295 | 290 | 300 | 295 | 295 | 295 | 300 | 295 | 290 | 290 | 290 | 285 | U290C | 260 | U260C |
| 10 | 260 | 250 | 275 | 260 | 300 | 310 | 310 | 305 | 290 | 285 | 275 | 275 | 280 | 285 | 285 | J290R | 290 | 295R | U295R | 300 | 300 | 285R | 265S | 250 |
| 11 | 245 | J240R | F | F | F | 285F | 280 | 255 | 250 | U245R | 260 | 285 | 295 | 290 | 295 | 295 | 280 | 300 | 295 | U290C | 285R | 275 | 260 | U260C |
| 12 | 250F | 255F | 255V | 260F | 255 | 285 | G | 260 | 290 | 310 | 290 | 295 | 280 | 300 | C | C | C | 300 | 295 | 290 | 280 | 270 | 265S | 255 |
| 13 | 245 | 235 | 235 | 250 | 270 | 315 | 305 | 295 | 290R | U285R | 270 | 270 | 280 | 280 | 290 | 290 | 285 | 295 | 290S | 295 | 285 | 270 | 260S | |
| 14 | 265 | 260 | 245 | 250 | 290 | 305 | 300 | 305 | 290 | 290 | 275 | 275 | 285S | 285 | 285 | 280 | J280R | 290 | 290 | 305 | 305 | 285 | U260C | C |
| 15 | 255 | 255 | 250 | 265 | 270 | 300 | J300R | 280 | 285 | 275 | J280R | 270 | 270 | 270 | 275 | 285 | 280 | 270 | 285 | U280C | 275 | 280R | U275C | 275 |
| 16 | 260 | 265F | 265 | 270 | 285 | 310 | 305 | U305S | 290 | 295 | 290 | 285 | 285 | 285 | 285 | 285 | 280 | 275 | 305S | 285 | 255S | 250S | 260 | 240S |
| 17 | 235 | 230 | 235R | J245S | 255 | 300 | 305 | 280 | 300 | 295 | 295 | 290 | 285 | 280 | 285 | 285 | 290 | 290 | 300 | 300 | 270S | U270S | U250S | 245S |
| 18 | 240 | 250 | 250 | 255 | 270 | 295 | 305 | 275S | 285R | 265V | 260 | 270 | 285 | 275 | 270 | 280 | 285 | 285 | 300 | 290 | 285 | 270 | 270 | 265 |
| 19 | 270 | 270 | 265 | 270 | 285 | 305 | 295 | 290 | 300 | 285R | 295 | 285 | 270 | 290 | 285 | 285 | 290 | 280 | 295 | 295 | 285 | 295 | 300 | 285 |
| 20 | 285S | 280 | 270 | 270 | 290 | 300S | 300 | 290 | J290R | 280 | 285 | 275 | 275 | 280 | 285 | 290 | 300 | 290 | 300S | 300S | 280 | 295 | 285 | 280C |
| 21 | 280 | 270 | 275 | 270 | 280 | 300 | 305 | 295 | 295 | 280 | 275 | 275 | 270 | 280 | 280 | 280 | 290 | 280 | 290 | 300 | 300 | 295 | 280 | 275 |
| 22 | 270 | 270 | 270 | 270 | 275 | 290 | 300 | 280 | U295C | 265 | 280R | 270 | 270R | J280R | 275R | 270 | J285R | 290 | 300 | 300 | 295 | 275 | 270 | 265 |
| 23 | 255 | 255 | 270 | 270 | 275V | 290 | 295 | 300 | 290 | 280 | 280 | 275 | 285 | 285 | 285 | 290 | 295 | 295R | 300R | 290 | 295 | 285R | 270S | 265 |
| 24 | 255 | 235 | 245F | 245 | 245V | U270F | 230 | 280 | 200 | G | 205 | 220 | 235 | 230 | 240 | 245F | 245 | 255 | 265 | 295 | 290 | 250 | 235 | 220 |
| 25 | 230 | J225R | R | F | 280 | 265V | G | 270 | 240 | 265 | 265 | 275 | 265 | 265 | 270 | 290 | 285 | 270 | 270 | J280S | R | R | R | 250 |
| 26 | | SJ245R | 240R | J250R | 295 | 305 | 300 | U265R | 290 | U300R | 290 | U290C | 280 | 290 | 290 | 300 | 300 | 290 | 300 | 295 | 300 | 300 | 290 | 260 |
| 27 | 245 | 240 | 230 | 250 | 290 | 300 | 285 | 275 | 300 | 280 | 275 | 300 | 290 | 280 | 285 | U285R | 290 | 285 | 280 | 310 | 275 | 275 | 265 | 320 |
| 28 | 255 | 260 | 255 | 275 | 250 | 250 | G | G | G | 230 | 220 | 215 | 200 | 245 | 250 | 235 | 220 | 255 | 270 | 285S | 300 | 235F | 240F | 230V |
| 29 | 200F | 255 | 240F | U255F | 260 | G | 250 | 245 | 290 | 250 | 255F | 260 | 280 | 295 | 285V | 290 | 300 | 285 | 285 | 275 | 280 | 290 | 275 | 270 |
| 30 | 270 | 245 | 265 | 270 | 290 | G | G | 300 | 280 | 230 | 275 | 265 | 275 | 290 | 280 | 275 | 250 | 245 | 285 | B | A | A | A | A |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.К.В. | 20 | 20 | 20 | 20 | 30 | 30 | 45 | 30 | 20 | 30 | 35 | 20 | 20 | 10 | 10 | 15 | 20 | 20 | 10 | 10 | 20 | 20 | 15 | 20 |
| Мощность | 255 | 250 | 260 | 265 | 275 | 290 | 295 | 280 | 290 | 280 | 280 | 275 | 280 | 285 | 285 | 290 | 290 | 290 | 295 | 290 | 285 | 280 | 270 | 260 |
| Участок | 27 | 28 | 26 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 28 | 29 | 29 | 28 | 27 | 27 | 26 | 27 |
| КВАРТ | 245 | 240 | 245 | 250 | 255 | 270 | 260 | 265 | 275 | 265 | 265 | 270 | 270 | 280 | 280 | 280 | 280 | 280 | 290 | 290 | 275 | 270 | 260 | 250 |
| | 265 | 260 | 265 | 270 | 285 | 300 | 305 | 295 | 295 | 295 | 290 | 290 | 290 | 290 | 290 | 295 | 300 | 300 | 300 | 300 | 295 | 290 | 275 | 270 |

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15сек.

Станция автоматическая

(ручная, автоматическая)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИППОВОЙ

Долгота 37°19'Е широта 55°28'N

полюсное время 30°E

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|------|-----|
| | F | F | F | G | F | G | G | G | G | G | G | B | B | B | B | B | B | B | A | A | A | A | A | A | |
| | F | F | F | F | F | G | G | G | G | G | G | G | 370 | 315 | 305 | 290 | 290 | 300 | 305 | 330 | 350 | 345 | 350 | 355 | |
| 350 | U360F | 380F | 400 | 435F | 320 | G | G | G | 405 | 335 | 420 | 390 | 290 | 275 | 295 | 340 | 300 | 315 | 325 | 325 | 340 | U325F | A | 400 | |
| U400F | 420 | 380 | 390 | 350 | 320 | 320 | 320 | 320 | 320 | 350 | 350 | 325 | 340 | 340 | 330 | 335 | 325 | 310 | 305 | 335 | 330 | U370R | 380 | 410 | |
| 490S | 465 | 430 | 400 | 420F | 375 | 325 | 320 | 320 | 380 | 380 | 375 | 340 | 340 | 325 | 325 | 340 | 330 | 325 | 320 | 335 | U380R | 370 | 415 | 390 | |
| U415R | 420 | 395 | 380 | 375 | 350 | 300 | 340 | 340 | 350 | 355 | 370 | 345 | 340 | 320 | 325 | 320 | 325 | 315 | 320 | 325 | 320 | 330 | 330 | 380 | 415 |
| 430 | 420 | 400 | 370 | 350 | 320 | 320 | 365 | 315 | 340 | 330 | 340 | 340 | 315 | 325 | 340 | 340 | 325 | 330 | 325 | 360 | U375R | U400S | 480 | 490 | |
| 460 | 450 | 460 | 450 | 440 | 375 | 370 | 400G | G | G | G | G | 370 | 355 | 360 | 350 | 345 | 315 | 320 | 325 | 340 | J365R | 390 | J370R | 405 | |
| 395 | 405 | 400F | 405 | 370 | 350 | 340 | 340 | 300 | 320 | 350 | 330 | C | 340 | 325 | 325 | 320 | 325 | 355 | 330 | 350 | U330C | 390 | U405C | | |
| 380 | 380 | 380 | 420 | 350 | 305 | 300 | 310 | 335 | 350 | 365 | 370 | 355 | 350 | 350 | 340 | 350 | 330 | 340 | 330 | 330 | 330 | 350 | 405 | 445 | |
| 470 | J480R | F | F | F | 350F | 355 | 400G | 500G | 420 | 370 | 340 | 330 | 340 | 325 | 330 | 355C | 325 | 320 | U340C | 350 | 365 | 420 | U420C | | |
| 430 | 450 | 450 | 440 | 400 | 315 | G | G | 350 | 310 | 350 | 340 | 370 | 330 | C | C | C | 320 | 325 | 335 | 350 | 375 | 400S | 410 | | |
| 430 | 460 | 470 | 425 | 360 | 285 | 320 | 335 | 325 | U350R | 375 | 350 | 345 | 325 | 320 | 335 | 325 | 335 | 325 | 330S | 325 | 335 | 375 | 415S | | |
| 425 | 430 | 415 | 400 | 350 | 305 | 310 | 310 | 330 | 340 | 360 | 360 | 345 | 350 | 350 | 350 | J350R | 330 | 320 | 315 | 325 | 350 | U425C | C | | |
| 435 | 430 | 470 | 430 | 380 | 330 | U320R | 340 | 340 | 365 | J365R | 370 | 380 | 365 | 360 | 350 | 365 | 350 | 335 | U360C | 370 | 360 | U380C | 390 | | |
| 425 | 420 | 420 | 375 | 350 | 290 | 305 | U290S | 350 | 325 | 350 | 335 | 345 | 340 | 345 | 350 | 340 | 370 | 305 | 350 | 410 | 420 | 400 | 450 | | |
| 470 | 480 | 455 | J425S | 405 | 315 | 320 | 375 | 320 | 325 | 350 | 340 | 350 | 370 | 340 | 350 | 340 | 335 | 330 | 330 | 375 | U385S | U415S | 425 | | |
| 465 | 445 | 430 | 410 | 365 | 325 | 300 | G | 360 | 380 | 400 | 380 | 350 | 370 | 360 | 350 | 340 | 330 | 340 | 355 | 370 | 375 | 385 | | | |
| 395 | 400 | 405 | 380 | 345 | 305 | 315 | 345 | 320 | 325 | 325G | 345 | 365 | 340 | 335 | 340 | 320 | 360 | 320 | 325 | 335 | 325 | 370 | 380 | | |
| 380 | 370 | 380 | 375 | 330 | 320 | 310 | 340 | J330R | 350 | 350 | 355 | 365 | 360 | 355 | 345 | 320 | 330 | 320 | 325S | 355C | 330 | 340 | 355C | | |
| 380 | 380 | 360 | 380 | 350 | 320 | 320 | 325 | 330 | 350 | 350 | 375 | 370 | 370 | 350 | 350 | 335 | 350 | 330 | 320 | C | C | C | C | | |
| C | C | C | C | C | 325 | 320 | 355 | U325C | 380 | 360 | 375 | 375 | J360R | 365 | 375 | J355R | 345 | 330 | 330 | 340 | 370 | 390 | 400 | | |
| 410 | 420 | 390 | 385 | 375 | 330 | 335 | 330 | 350 | 350 | 355 | C | C | C | C | C | C | 350 | 335 | 330 | 335 | 350 | 380 | 425 | | |
| 450 | 490 | 480 | 440 | 420 | U400F | G | 400 | G | G | G | G | G | G | G | G | G | 480 | 410 | 390 | 335 | 335 | 420 | 470 | 505F | |
| 490 | J505R | R | F | 360 | 410 | G | G | G | G | G | 430 | 380 | 400 | 380 | 390 | 360 | 350 | 370 | 365 | J360S | J375R | R | R | 430 | |
| S | 450 | 430 | 425 | 340 | 315 | 320G | 375 | 333 | 325 | 350 | 335C | 350 | C | C | C | C | C | 320 | 315 | 320 | C | C | C | C | |
| C | C | C | C | C | C | C | C | C | G | 375 | 370 | 330 | 340 | 350 | 335 | U350R | 340 | 350 | 355 | C | C | C | C | C | |
| C | C | C | C | C | C | C | C | C | G | G | G | G | G | 450 | G | G | G | 425 | 375 | 340 | 330 | 460 | 455 | 490 | |
| E | E | E | U410F | 410 | G | G | G | G | G | G | 400 | 410 | 360 | 310 | 340 | 330 | 325 | 340 | 350 | 370 | 355 | 330 | 375 | 400 | |
| 400 | C | 380 | 380 | C | C | G | C | C | C | C | C | 400 | 355 | 345 | 350 | 355 | 425 | 445 | 365 | B | A | A | A | A | |
| д. кв. | 65 | 55 | 70 | 45 | 55 | 35 | 10 | 50 | 35 | 40 | 20 | 35 | 30 | 35 | 25 | 25 | 30 | 30 | 25 | 15 | 40 | 50 | 40 | 30 | |
| | 425 | 425 | 410 | 400 | 365 | 320 | 320 | 340 | 335 | 350 | 360 | 350 | 350 | 340 | 340 | 340 | 335 | 335 | 325 | 330 | 350 | 360 | 390 | 410 | |
| | 23 | 28 | 22 | 23 | 23 | 24 | 20 | 20 | 21 | 22 | 24 | 25 | 25 | 26 | 24 | 24 | 25 | 29 | 29 | 27 | 25 | 24 | 23 | 24 | |
| кварт | 395 | 405 | 380 | 380 | 350 | 315 | 310 | 320 | 320 | 325 | 350 | 340 | 340 | 325 | 325 | 335 | 320 | 320 | 320 | 325 | 330 | 330 | 375 | 400 | |
| | 460 | 460 | 450 | 425 | 405 | 350 | 320 | 370 | 355 | 365 | 370 | 375 | 370 | 360 | 350 | 350 | 350 | 350 | 345 | 340 | 370 | 380 | 415 | 430 | |

2834

h'P2 км. Апрель 1960г.

(характеристика) (единицы) (школа) (год)

ИЗМИР АН

(институт)

Станция Москва, Красная Пахра

Кем составлена ФИЛИПОВА

Долгота 37°19'Е широта 55°28'Ш

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

полное время 30°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|----------|----|----|----|----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|----|----|----|----|----|
| 1 | G | G | G | G | G | G | G | G | G | G | G | B | B | B | B | B | B | B | | | | | | |
| 2 | | | | | | G | G | G | G | G | G | 450 | 370 | 310 | 290 | 265 | U250L | | | | | | | |
| 3 | | | | | | | L | G | 400 | 335 | 420 | 385 | 290 | 260 | 260 | L | 250 | | | | | | | |
| 4 | | | | | | | | U280L | 270L | U320L | 280L | 285 | 305 | L | L | L | | | | | | | | |
| 5 | | | | | | | | 290L | 375 | 375 | 300 | U280L | U280L | 300L | L | L | L | | | | | | | |
| 6 | | | | | | | | L | 370 | L | 370 | 345 | L | 300 | L | L | L | 250L | | | | | | |
| 7 | | | | | | | L | L | L | 300L | L | L | L | 295 | U260L | L | U270L | | | | | | | |
| 8 | | | | | | | 350L | 460 | 450 | 400 | 420 | 360 | 340 | 325 | 325 | U310L | | | | | | | | |
| 9 | | | | | | | | U320L | 290L | 270 | 310L | U290L | 290L | 300L | 280L | U265L | L | L | | | | | | |
| 10 | | | | | | | | U260L | 280L | 300L | L | U280L | 270L | L | 265 | | | | | | | | | |
| 11 | | | | | | | | G | 495 | 400 | 325 | 275L | L | L | L | L | L | L | | | | | | |
| 12 | | | | | | | G | L | L | 290 | 270L | 310L | 325 | U280L | G | G | G | | | | | | | |
| 13 | | | | | | L | L | U270L | 260 | L | L | 255L | 270L | 265L | L | L | L | | | | | | | |
| 14 | | | | | | | | U260L | 250L | L | U255L | L | 300L | 250L | 250L | | | | | | | | | |
| 15 | | | | | | | U280L | L | L | 305 | 300 | L | L | L | L | L | | | | | | | | |
| 16 | | | | | | | | 245 | L | 260L | U270L | 275 | 270 | 270L | 260 | 245 | L | L | | | | | | |
| 17 | | | | | | | | 375L | U270L | 260L | 260L | 280 | 275L | 320 | L | L | | | | | | | | |
| 18 | | | | | | | | L | 355 | 375 | L | L | 295 | L | L | L | | | | | | | | |
| 19 | | | | | | | | L | L | U300L | U310L | U260L | 275 | L | L | L | 250 | | | | | | | |
| 20 | | | | | | | | 250 | L | L | L | L | 270 | L | L | 255 | L | 250 | | | | | | |
| 21 | | | | | | | 265L | 250 | 270L | 260L | 265L | L | 320 | 300L | 265L | L | L | | | | | | | |
| 22 | | | | | | | L | U320L | 295 | L | 310 | 335 | 290 | L | U280L | L | L | | | | | | | |
| 23 | | | | | | | 270L | 280 | 280 | 275 | U280L | 270 | 305 | 270 | 290 | 260L | U270L | | | | | | | |
| 24 | | | | | 370 | 350 | 600 | 410 | 810 | G | 725 | 650 | 570 | 580 | 540 | 490 | 480 | L | | | | | | |
| 25 | | | | | | U365L | G | 420 | 525 | 450 | 430 | 370 | 370 | 340L | 380 | 330L | L | | | | | | | |
| 26 | | | | | | | L | L | L | 320 | L | 330 | U285L | 290 | 280 | 275 | 270 | | | | | | | |
| 27 | | | | | | 270 | 300 | L | 460 | 375 | 350 | 325 | 335 | 320 | 310 | U310L | L | | | | | | | |
| 28 | | | | | | G | G | G | 610 | 615 | 620 | 540 | 450 | 540 | 540 | 530L | 620 | 425 | | | | | | |
| 29 | | | | | | G | 530 | 500 | 370 | 495 | 400 | 410 | 330 | 300 | 300 | 290 | U270L | 280 | 275 | | | | | |
| 30 | | | | | | G | G | 350 | 490 | 425 | 440 | U300L | 310 | 300 | 300 | 305 | 350 | 350 | 330 | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Д. КВ. | | | | | | | | 200 | 205 | 130 | 135 | 90 | 50 | 50 | 60 | 45 | 155 | 140 | | | | | | |
| Минимум | G | G | G | G | 370 | G | 600 | 390 | 370 | 355 | 310 | 320 | 300 | 300 | 290 | 280 | 270 | 280 | 300 | | | | | |
| Максимум | 1 | 1 | 1 | 1 | 2 | 7 | 13 | 20 | 24 | 24 | 25 | 22 | 25 | 23 | 17 | 14 | 9 | 5 | 2 | | | | | |
| КВАРТ | | | | | | 350 | 290 | 280 | 270 | 280 | 280 | 280 | 280 | 270 | 260 | 265 | 260 | 250 | | | | | | |
| | | | | | | G | G | 480 | 475 | 410 | 415 | 370 | 330 | 320 | 320 | 310 | 415 | 390 | | | | | | |

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Станция АВРОМАТИЧЕСКАЯ

(ручная, автоматическая)

ГОР1 0,1 мгц Апрель 1960г.

(характеристика) (единицы) (милли) (годы)

ИЗМИР АН

(институт)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Филипповой

Долгота 37°19'Е широта 55°28'N

поисное время 30°E

Кем подсчитана

| Дня | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|-----|----|----|------|----|-----|------|------|------|------|------|------|------|------|------|-----|------|----|----|----|----|----|----|
| 1 | F | 2/F | F | 3 | U20F | 28 | 30 | 33 | 34 | 36 | 36 | B | B | B | B | B | B | B | | | | | | |
| 2 | | | | | | 26 | 32 | 35 | 38 | 41 | 42 | 45 | 45 | 46 | U43L | L | L | | | | | | | |
| 3 | | | | | | | L | 46 | 44 | 44 | 45 | 48 | 46 | U48L | L | L | L | | | | | | | |
| 4 | | | | | | | | L | L | L | L | 50 | U53L | L | L | L | | | | | | | | |
| 5 | | | | | | | | L | U44L | 46L | 46L | L | L | L | L | L | L | | | | | | | |
| 6 | | | | | | | | L | 45L | L | 53L | U55L | L | U52L | L | L | L | L | | | | | | |
| 7 | | | | | | | L | L | L | 50L | L | L | L | L | L | L | L | | | | | | | |
| 8 | | | | | | | | U34L | 40 | 42 | 44 | 48H | 48H | 50 | U53L | U50L | L | L | | | | | | |
| 9 | | | | | | | | L | U45L | L | 48L | L | L | L | L | L | L | L | | | | | | |
| 10 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 11 | | | | | | | | L | 43 | 46 | 48H | L | L | L | L | L | L | L | | | | | | |
| 12 | | | | | | | | 37 | 40L | L | U47L | L | L | U62L | L | C | C | C | | | | | | |
| 13 | | | | | | L | L | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 14 | | | | | | | | L | L | L | L | L | L | L | L | L | | | | | | | | |
| 15 | | | | | | | | L | L | L | U48L | U56L | L | L | L | L | L | | | | | | | |
| 16 | | | | | | | | L | L | L | L | L | L | L | L | L | L | L | | | | | | |
| 17 | | | | | | | | L | L | L | L | U46L | U45L | L | L | L | | | | | | | | |
| 18 | | | | | | | | L | 45V | U49L | L | L | U52L | L | L | | L | | | | | | | |
| 19 | | | | | | | | | L | L | L | L | U48L | U49L | L | | | | | | | | | |
| 20 | | | | | | | | | L | L | L | L | U50L | L | L | L | L | L | | | | | | |
| 21 | | | | | | | | L | L | L | L | L | U49L | U55L | L | L | L | | | | | | | |
| 22 | | | | | | | | L | L | U47L | L | U56L | L | L | L | L | L | | | | | | | |
| 23 | | | | | | | | L | U49L | L | L | L | L | L | L | L | L | | | | | | | |
| 24 | | | | | 20 | 29 | 41H | 42H | 43 | 43 | 43 | 45 | 46 | 46 | 46 | 46 | 43 | U42L | | | | | | |
| 25 | | | | | L | 46 | 44 | 47 | 47 | 48 | 50H | 49 | 49 | 50 | U46L | L | | | | | | | | |
| 26 | | | | | | | L | L | L | U49L | L | U53C | L | L | L | L | L | | | | | | | |
| 27 | | | | | L | L | L | U45L | 46 | 48 | 50R | 50 | U48L | U50L | U48L | L | | | | | | | | |
| 28 | | | | | | 40 | 40 | 40 | 39 | 46 | 46 | 45 | 45H | 42H | 44 | 43L | 40H | 37L | | | | | | |
| 29 | | | | | | 34 | 40 | 44 | 43 | 46 | 49 | 48 | 47 | 45 | A | L | L | U35L | L | | | | | |
| 30 | | | | | | 40 | 45 | 42 | 46 | 50 | 50 | U48L | U50L | U50L | 52L | 43L | 40 | 38 | L | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | | | | | | 14 | 10 | 4 | 2 | 4 | 5 | 4 | 5 | 5 | 6 | 4 | | | | | | | | |
| Медiana | | 21 | | 19 | 20 | 29 | 40 | 42 | 44 | 46 | 48 | 48 | 50 | U48L | 50 | 46 | 40 | 38 | | | | | | |
| Учтено | | 1 | | 1 | 2 | 5 | 9 | 11 | 16 | 17 | 16 | 13 | 16 | 12 | 7 | 5 | 3 | 4 | | | | | | |
| кварт | | | | | | 23 | 33 | 40 | 43 | 44 | 45 | 46 | 46 | 46 | 44 | 43 | | | | | | | | |
| | | | | | | 37 | 40 | 44 | 45 | 48 | 50 | 50 | 51 | 51 | 50 | 47 | | | | | | | | |

2834

Пробег частоты от 1.0 Мгц до 25.0 Мгц 150к.

Станция АВТОМАТИЧЕСКАЯ

(Другая, автоматическая)

(M3000)P1 0.01 Апрель 1960г.
(характеристики) (сдвиги) (месяц) (год)

ИЗМИР АН
(институт)

Станция Москва, Красная Пахра

Кем составлена Филипповой

Долгота 37°19'В широта 55°28'N

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

полное время 30°В

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|----|----|----|-----|-----|-----|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-----|-------|----|----|----|----|----|
| 1 | F | F | F | G | F | 240 | 265 | 310 | 300 | 330 | 330 | B | B | B | B | B | B | B | | | | | | |
| 2 | | | | | | 270 | 295 | 325 | 325 | 355 | 345 | 330 | 345 | 325 | U370L | L | L | | | | | | | |
| 3 | | | | | | | L | 320 | 300 | 330 | 350 | 335 | 350 | L | L | L | L | | | | | | | |
| 4 | | | | | | | | L | L | L | L | 355 | U360L | L | L | L | L | | | | | | | |
| 5 | | | | | | | | L | U320L | 325L | 350L | L | L | L | L | L | L | | | | | | | |
| 6 | | | | | | | | L | 335L | L | 310L | U310L | L | U325L | L | L | L | L | | | | | | |
| 7 | | | | | | | L | L | L | 350L | L | L | L | L | L | L | L | | | | | | | |
| 8 | | | | | | | U340L | 330 | 350 | 345H | 345H | 350H | 340 | U330L | U335L | L | | | | | | | | |
| 9 | | | | | | | L | U355L | L | 345L | L | L | L | L | L | L | L | L | | | | | | |
| 10 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 11 | | | | | | | | L | 335 | 315 | 330H | L | L | L | L | L | L | L | | | | | | |
| 12 | | | | | | | 310 | 330L | L | U340L | L | L | U345L | L | C | C | C | | | | | | | |
| 13 | | | | | | L | L | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 14 | | | | | | | | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 15 | | | | | | | L | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 16 | | | | | | | | L | L | L | L | L | L | L | L | L | L | L | | | | | | |
| 17 | | | | | | | | L | L | L | L | U370L | U370L | L | L | L | L | | | | | | | |
| 18 | | | | | | | | L | 340V | L | L | L | L | L | L | L | L | L | | | | | | |
| 19 | | | | | | | | | L | L | L | L | L | L | U350L | L | L | L | | | | | | |
| 20 | | | | | | | | L | L | L | L | L | L | U360L | L | L | L | L | L | | | | | |
| 21 | | | | | | | L | L | L | L | L | L | L | U340L | U350L | L | L | L | | | | | | |
| 22 | | | | | | | L | L | U340L | L | L | L | L | L | L | L | L | | | | | | | |
| 23 | | | | | | | L | L | L | L | L | L | L | L | L | L | L | | | | | | | |
| 24 | | | | | | 270 | 305 | 300H | 330H | 340 | 340 | 350 | 345 | 350 | 360 | 350 | 330 | 315 | L | | | | | |
| 25 | | | | | | L | 280 | 300 | 320 | 340 | 340 | 330H | 335 | 335 | 325 | U340L | L | | | | | | | |
| 26 | | | | | | | L | L | L | U340L | L | C | L | L | L | L | L | | | | | | | |
| 27 | | | | | | | L | L | U350L | 360 | 350 | 340L | 335 | U350L | U340L | U340L | L | | | | | | | |
| 28 | | | | | | | C | C | 360 | 335 | 350 | 345 | 330H | 355H | 345 | 350L | 360H | L | | | | | | |
| 29 | | | | | | | 290 | 320 | 320 | 350 | 350 | 340 | 335 | 345 | 355 | A | L | L | U360L | L | | | | |
| 30 | | | | | | | 295 | 315 | C | C | C | C | L | L | L | L | L | 340 | 320 | L | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | | | | | | 45 | 30 | 15 | 30 | 20 | 15 | 20 | 15 | 25 | 15 | | | | | | | | | |
| Медиа | | | | 365 | 270 | 290 | 310 | 320 | 335 | 340 | 345 | 340 | 345 | 350 | 340 | 340 | 340 | 340 | 340 | | | | | |
| Учит | | | | 1 | 1 | 2 | 8 | 8 | 15 | 14 | 13 | 11 | 13 | 10 | 6 | 4 | 3 | 2 | | | | | | |
| кварт | | | | | | 255 | 300 | 330 | 315 | 320 | 330 | 335 | 330 | 340 | 330 | 335 | 350 | | | | | | | |

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15сек.

Станция АВТОМАТИЧЕСКАЯ

(ручной, автоматический)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИПОВАЯ

Долгота 37°12'Е широта 55°28'N

полное время 30°0E

Кем подсчитана

| № | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|------|------|-------|------|-------|-------|-----|-------|-------|-------|-----|-------|-------|-----|
| 1 | 470 | E550G | E550G | G | 460 | E510G | 360 | 320 | 360 | 275 | 315 | | В | В | В | В | В | В | А | А | А | А | А | | |
| 2 | 500 | U460F | 450 | 360 | E350E | E330A | 300 | 255 | 255 | 250 | 250 | 265 | 245 | 230 | 240 | 235 | 235 | 240 | 255 | 250 | 250 | 260 | 260 | 260 | |
| 3 | 265 | 265 | 270 | 300 | 350 | 280 | 250 | 250 | 245 | 245 | 220 | 250 | 245 | E230A | 230 | 230 | 245 | 245 | 250 | 240 | 225 | 245 | А | E320A | |
| 4 | E320A | 335 | 310 | E325A | 270 | 260 | 250 | 235 | 230 | 220 | 225 | 220 | 220 | 210H | 220H | 230 | 245 | 245 | 235 | 240 | 230 | 245 | 235 | 295 | |
| 5 | 330 | 335 | 310 | 280 | 300 | 305 | 290 | 275 | 245 | 245 | 240 | 250 | 230 | 225 | 235 | 235 | 250 | 250 | 250 | 250 | 255 | 250 | 300 | 280 | |
| 6 | 310 | 300 | 300 | 300 | 300 | 280 | 260 | 235 | 225 | 220 | 205H | 200H | 205H | 225 | 225 | 235 | 240 | 245 | 250 | 245 | 230 | 235 | 275 | 300 | |
| 7 | 325 | 320 | 295 | 275 | 245 | 275 | 255 | 245 | 245 | 225 | 235 | 200H | 220 | 220 | 220 | 225 | 245 | 250 | 250 | 250 | 265 | 280 | 350 | 370 | |
| 8 | 335 | 320 | 330 | 325 | 345 | 300 | 255 | 240 | 230 | 220 | 200H | 200H | 245 | 230 | 220 | 235 | 245 | 245 | 235 | 260 | 255 | 270 | 270 | 280 | |
| 9 | 285 | 285 | 295 | 300 | 295 | 250 | 255 | 245 | 230 | 220 | 215 | 230 | 220 | 235 | 235 | 225 | 235 | 250 | 255 | 260 | 255 | 250 | 270 | 285 | |
| 10 | 275 | 275 | 265 | 280 | 265 | 245 | 240 | 240 | 230 | 225 | E235A | 235 | 220H | 220 | 220 | 220 | 240 | 250 | 255 | 235 | E255A | 240 | 280 | 320 | |
| 11 | 340 | 345 | 340 | 320 | 315 | 285 | 260 | 245 | 230 | 225 | 235H | 240 | 220 | 230 | 225 | 230 | 245 | 255 | 250 | 250 | 250 | 255 | 300 | 300 | |
| 12 | 325 | 335 | 330 | 300 | 365 | 310 | 270 | 250 | 230 | 230 | 220 | 220 | 230 | 225 | | С | С | С | 255 | 235 | 245 | 250 | 255 | 280 | 290 |
| 13 | 310 | 325 | 350 | 320 | 265 | 245 | 245 | 235 | 225 | 220 | 225 | 235 | 225 | 220 | 220 | 230 | 240 | 250 | 245 | 240 | 235 | 235 | 250 | E270C | |
| 14 | 320 | 310 | 300 | 290 | 270 | 255 | 240 | 235 | 225 | 225 | 215 | 215 | 235 | 230 | 225 | 225 | 235 | 245 | 250 | 245 | 250 | 250 | 300 | 320 | |
| 15 | 320 | 320 | 330 | 320 | 285 | 260 | 250 | 235 | 230 | 230 | 225 | 215 | 225 | 245 | 230 | 245 | 250 | 250 | 250 | 250 | 250 | 265 | 295 | | |
| 16 | 310 | 305 | 295 | 280 | 270 | 230 | 240 | 220 | 220 | 205H | 210H | 200H | 220 | 215H | 220 | 225 | 235 | 245 | 250 | 250 | 260 | 270 | 290 | 325 | |
| 17 | 355 | 355 | 320 | 310 | 290 | 285 | 250 | 240 | 240 | 225 | 210 | 205 | 210 | 240 | 235 | 230 | E250A | 250 | 250 | 245 | 255 | 285 | 300 | 400 | |
| 18 | 340 | 335 | 300 | 265 | 310 | 270 | 240 | 235 | 220 | 220 | 210H | 220 | 235 | 230 | 220 | 240 | 240 | 250 | 255 | 245 | 240 | 250 | 270 | 270 | |
| 19 | 295 | 295 | 290 | 265 | 260 | 250 | 235 | 225 | 225 | 225 | 210 | 215 | 215 | 200 | 225 | 230 | 225 | 235 | 250 | 245 | 240 | 235 | 230 | 255 | |
| 20 | 265 | 270 | 265 | 270 | 265 | 245 | 240 | 235 | 225H | 220 | 215 | 200H | 215 | 220 | 205H | 220 | 230 | 230 | 245 | 240 | 245 | 245 | 240 | 250 | |
| 21 | 250 | 270 | 265 | 255 | 270 | 250 | 245 | 220 | 220 | 220 | 215 | 235 | 255 | 235 | 230 | 245 | 230 | 240 | 250 | 240 | 245 | 240 | 250 | 270 | |
| 22 | 280 | 280 | 290 | 290 | 260 | 250 | 240 | 225 | 220 | 220 | 230 | 220 | 220 | 220 | 225 | 230 | 240 | 250 | 255 | 255 | 250 | 250 | 260 | 280 | |
| 23 | 300 | 290 | 270 | 265 | 290 | 255 | 240 | 230 | 240 | 240 | 210H | 220 | 220 | 230 | 220 | 240 | 250 | 255 | 260 | 250 | 250 | 250 | 265 | 295 | |
| 24 | 320 | 370 | 360 | 350 | 305 | 255 | 225H | 245H | 250 | 225 | 225 | 260 | 230 | 230 | 230 | 240 | 250 | 265 | E300A | 280 | 260 | 290 | 345 | 370 | |
| 25 | E390S | E370S | 350 | 325 | 310 | 330 | 260 | 255 | 250 | 250 | 240 | 225H | 245 | 240 | 240 | 250 | 260 | 265 | E250A | 255 | 295 | 315 | 320 | | |
| 26 | E430S | 360 | 335 | 325 | 300 | 275 | E275A | E270A | 235 | 220 | 210 | 225 | 210 | 230 | 230 | 235 | 235 | 250 | 260 | E270A | 260 | 260 | 275 | 275 | |
| 27 | 300 | 300 | 300 | 300 | 290 | 250 | 250 | 230 | 235 | 220 | 220 | 220 | 220 | 235 | 230 | 225 | 230 | 260 | 270 | 270 | 260 | 270 | 280 | 310 | |
| 28 | 340 | 370 | 365 | 375 | 330 | 310 | 275 | I260C | 250 | 240 | 230 | 240 | 235 | 225H | 245 | 230 | 225H | 305 | E320A | 295 | 280E | 345 | E400E | E480A | |
| 29 | E440E | E405E | E395E | E395E | 335 | 310 | 270 | 260 | 240 | 240 | 260 | 250 | 235 | 225 | А | E275A | E260A | 250 | 255 | 260 | 260 | 245 | 275 | 295 | |
| 30 | 290 | 300 | E290E | 300 | 300 | 300 | 250 | 235 | 210H | 220 | 225 | 225 | 220 | 225 | 225 | 230 | 250 | 270 | 290 | | В | А | А | А | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Д. КВ. | 45 | 45 | 40 | 40 | 40 | 40 | 20 | 15 | 20 | 20 | 20 | 25 | 15 | 10 | 15 | 10 | 10 | 10 | 5 | 10 | 10 | 25 | 40 | 35 | |
| Медиа | 320 | 320 | 300 | 300 | 290 | 260 | 250 | 240 | 230 | 225 | 220 | 225 | 225 | 225 | 230 | 240 | 250 | 250 | 250 | 250 | 250 | 275 | 295 | | |
| Учит. | 27 | 27 | 28 | 28 | 29 | 28 | 29 | 28 | 30 | 30 | 29 | 29 | 29 | 28 | 27 | 27 | 26 | 29 | 27 | 27 | 27 | 28 | 26 | 26 | |
| КВАРТ | 290 | 290 | 290 | 280 | 270 | 250 | 240 | 235 | 225 | 220 | 210 | 215 | 220 | 220 | 220 | 225 | 235 | 245 | 250 | 245 | 245 | 260 | 275 | | |
| | 335 | 335 | 330 | 320 | 310 | 290 | 260 | 250 | 245 | 240 | 230 | 240 | 235 | 230 | 235 | 235 | 245 | 255 | 255 | 255 | 255 | 270 | 300 | 310 | |

ГоЕ 0.01 МГц Апрель 196Гг.

ИЗМИР АН

(вспутник)

Сеть члр Москва, Красная Пахра

Кем составлена ФИЛИППОВОЙ

ИОНОСФЕРНЫЕ ДАННЫЕ

Д 37°19'Е широта 55°28'N

полевое время 30°E

Кем подсчитана

| Д.кв. | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|----|----|----|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|---|
| | | | | 170 | U100A | 260 | 280 | 300 | 300 | B | B | B | B | B | B | B | 230H | 190 | E | | | | | |
| | | | | A | 230 | 260 | 300 | 310 | 325 | U340R | 330 | 320 | 310 | 300 | 280H | 230H | 175H | E | | | | | | |
| | | | | U160A | 230 | U275H | 305 | 315 | 325 | 340 | 345 | U340A | 335 | 305 | 270 | 230H | 175H | E | | | | | | |
| | | | | 150 | 225H | 270 | 300A | 320 | 335 | 350 | 350 | 340 | 325 | 300A | 270A | U230A | 160A | E | | | | | | |
| | | | | E 180H | 240H | 290H | 315H | 335H | 355 | 360 | 360 | 350H | 330H | 300 | 270 | 240H | 170 | E | | | | | | |
| | | | | 180 | 230H | 260 | 300 | 325H | 340H | 345H | 340 | 330 | 320H | I300A | 270 | 240 | U165A | | | | | | | |
| | | | | E 180 | 235 | 270 | 300 | 320 | 330 | 340 | 340 | 340 | 315H | 300 | 280 | 240 | 180 | E | E | E | E | E | | |
| | | | | E 170 | 230 | 260 | 295 | 310S | 320 | 335 | 360H | 340 | 315 | 300 | 265 | 240 | 170A | B | | | | | | |
| | | | | 110 | 180 | 230 | 275H | 300 | 320 | 335 | 335 | 350 | 330 | 320 | 305 | 270 | 240H | 175 | A | | | | | |
| | | | | E 175 | 230 | 285 | 305 | 320 | 340A | 340 | 340H | 340 | 325H | 300 | 280 | 240 | 190 | E | | | | | | |
| | | | | E 170 | 230R | 280R | 300H | 320R | U330A | 340 | 340 | 340 | 330 | 320 | 270 | 240H | 190 | 130 | | | | | | |
| | | | | 120 | 180 | 230 | 265 | 300 | 325 | 350H | 355 | 360 | 350 | C | C | C | 230H | U180A | 120 | | | | | |
| | | | | 110 | 180H | 240 | 280 | 310 | 330 | 340 | 350 | 350 | 350 | 330 | 310 | 280 | 240 | 190 | E | | | | | |
| | | | | 110 | 195 | 230 | 280 | 310 | A | A | 350 | 350A | 340 | 320 | 310 | 280 | 235 | 180 | E | | | | | |
| | | | | 115 | 190H | 240 | 285 | 310 | 320 | U340R | A | 350 | 340 | 320 | 300 | 290 | 250 | 190H | A | | | | | |
| | | | | 130 | 200H | 250H | 290 | 315 | 335 | 345 | 350 | 355 | 340 | 330 | 305 | 280 | 250 | 200H | 130 | | | | | |
| | | | | 140H | 210H | 255 | 290 | 310 | 325 | 340 | 355 | 350 | 345 | 325 | A | A | A | 200H | A | | | | | |
| | | | | 135 | 200 | 240 | 280 | 305 | 320 | 340H | 360R | U360A | 360 | 340 | 330 | 300 | 255 | 200 | 140H | | | | | |
| | | | | A 200 | 250 | 300 | 315 | 330 | 350 | 360 | 360 | 350 | 335 | 310H | 290 | 250 | 205 | 140 | E | | | E | | |
| | | | | 130 | 200 | 260 | 300 | 315 | 345 | 350 | 355 | 360 | 355 | 335 | 315 | 300 | 260 | 200 | E130B | | | | | |
| | | | | 135 | 200H | 260 | 290H | 325 | 350 | 360 | 360 | 360 | 360H | 340 | 320 | 295 | 255 | 210H | A | | | | | |
| | | | | 150 | 200 | 260 | 300 | 320 | 340 | 360 | 370R | U370A | A | 340 | 325H | 300H | 275H | A | A | | | | | |
| | | | | 150 | 225H | 270 | 300 | U330A | A | 365 | 370 | 360 | 350 | 340 | 310 | 300 | 265H | U225A | 150 | | | | | |
| | | | | 150 | 205 | 250 | 290 | 320R | 330 | U330A | 350 | 350R | 350R | 340 | 320 | 290 | 250H | 220H | A | | | | | |
| | | | | 170H | 230R | 270 | 310 | 330 | 340 | 350 | 360 | 360R | I350A | 340R | 320 | 300R | I260R | 195 | A | | | | | |
| | | | | 170H | 230H | R | R | U320R | U350R | B | B | 360H | 340 | 340H | 305H | 295 | A | A | | | | | | |
| | | | | 160 | 220 | 250 | 290 | U310R | U340R | I350R | I360R | U360R | I350R | I335B | U325R | 300 | I260R | U210A | 160 | | | | | |
| | | | | 190 | 230H | 285 | U300C | 310 | 310 | 330 | 330 | 330 | 320 | 315 | 300H | 280 | 260H | A | A | A | | | | |
| | | | | 160 | 220H | 290 | 320 | 330 | 340 | 340 | 340 | 335 | A | A | A | A | 250 | 210 | 160 | E | | | | |
| | | | | 180 | A | A | 300H | 300 | 330 | 350 | 345 | 335 | 330 | 320 | 310 | 300 | 290 | A | B | | | | | |
| д. кв. | | | | 45 | 30 | 30 | 30 | 15 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 30 | 20 | 20 | | | | | | |
| мес. | E | E | E | E | 130 | 200 | 240 | 285 | 310 | 325 | 340 | 350 | 350 | 340 | 330 | 310 | 280 | 250 | 190 | 120 | E | E | E | E |
| уч. | 1 | 3 | 2 | 3 | 24 | 28 | 28 | 29 | 30 | 28 | 28 | 27 | 29 | 27 | 27 | 26 | 26 | 27 | 25 | 16 | 3 | 1 | 2 | 1 |
| кварт. | | | | | 110 | 180 | 230 | 270 | 300 | 320 | 330 | 340 | 340 | 340 | 320 | 300 | 270 | 240 | 180 | E | | | | |
| | | | | | 155 | 210 | 260 | 300 | 315 | 340 | 350 | 360 | 360 | 350 | 340 | 320 | 300 | 260 | 200 | 140 | | | | |

№ км. Апрель 1960г.

ИЗМИР АН

(город) (страна) (единица) (месяц) (год)

Москва, Красная Пахра

Кем составлена Филипповой

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

Долгота 37°19'Е широта 55°28'N

полосное время 3000

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|----|----|----|----|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|------|------|
| 1 | | | | | | 105 | 110 | 110 | 105 | 105 | 105 | В | В | В | В | В | В | В | В | | | | | | |
| 2 | | | | | | А 105 | 100 | 105 | 105 | 105 | 115 | 110 | 105 | 110 | 110 | 105H | 105H | 105H | 105H | 105H | 105H | 105H | 105H | 105H | 105H |
| 3 | | | | | | AE125A | E120B | 110 | 105 | 105 | 105 | 110 | 110 | 110 | E130B | 105 | 105 | 105H | 105H | 105H | 105H | 105H | 105H | 105H | 105H |
| 4 | | | | | | 120 | 105H | 110 | 110 | 110 | 105 | E120B | 110 | 110 | 110 | 110 | 105 | 105H | 100H | 100 | 100 | 100 | 100 | 100 | 100 |
| 5 | | | | | | Е 120H | 110H | 115H | 110H | 105H | 105 | 105 | 105 | 105 | 105H | 105H | 100 | 110 | 115H | 125 | 125 | 125 | 125 | 125 | 125 |
| 6 | | | | | | 110 | 105H | 105 | 105 | 105H | 100H | 100H | E115A | E115A | 100H | 110 | E120A | 115 | E120B | | | | | | |
| 7 | | | | | | Е 125 | 115 | 105 | 105 | 105 | 105 | 105 | 100 | 100 | 105H | 110 | E125A | E140A | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| 8 | | | Е | | Е | 120 | 120 | 115 | 110 | 105 | 100 | 100 | 105 | 100 | 115 | 115 | 115 | E145A | В | В | В | В | В | В | В |
| 9 | | | | | Е | Е 110 | 110 | 105 | 105 | E135A | E125A | E120A | 105 | 105 | 105 | 105 | E115A | E115A | E120A | E150A | А | А | А | А | А |
| 10 | | | | | Е | E135E | E120A | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105H | 100 | 110 | 110 | E125E | Е | Е | Е | Е |
| 11 | | | | | Е | 115 | 110 | 110 | 110H | 105 | 105 | 100 | 100 | 100 | 105 | 115 | 115 | 115H | 120 | E180E | | | | | |
| 12 | | | | | E150E | 125 | 110 | 105 | 105 | 110 | 110H | 110 | 110 | 110 | С | С | С | 110H | 125 | 120 | 120 | 120 | 120 | 120 | 120 |
| 13 | | | | | 130 | 110H | 110 | 105 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | E110A | 115 | E120C | Е | Е | Е | Е | Е | Е |
| 14 | | | | | Е | E125A | 100 | 105 | 105 | 100 | 100 | 105 | 100 | 100 | 100 | 105 | 100 | E125A | E145A | Е | Е | Е | Е | Е | Е |
| 15 | | | | | Е | 115H | 110 | 105 | 105 | 105 | 100 | 100 | E130A | 100 | 100 | 100 | 105 | 110 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |
| 16 | | | | | E135E | E135C | 110H | 105 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 105 | 110 | 115H | Е | Е | Е | Е | Е | Е |
| 17 | | | | | 125H | 110H | 115 | 110 | 105 | 105 | 100 | 100 | 100 | E110B | 105 | А | А | 115 | 130H | Е | Е | Е | Е | Е | Е |
| 18 | | | | | 125 | 125 | 110 | 105 | 105 | 105 | 105H | 105H | 110 | 110 | 110 | 110 | 105 | E115A | E125E | E125E | Е | Е | Е | Е | Е |
| 19 | | | | | E125E | E115E | 115 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100H | 100 | 110 | 130 | 125 | Е | Е | Е | Е | Е |
| 20 | | | Е | Е | E250E | 110 | 110 | 105 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 110 | E120A | E130A | Е | Е | Е | Е | Е | Е |
| 21 | | | | | E250E | 110H | E135A | 105H | 100 | 100 | 100 | 105 | 105 | 105H | 105 | 105 | E120A | E120A | 100H | Е | Е | Е | Е | Е | Е |
| 22 | | | | | 115 | 110 | 105 | 105 | 100 | 105 | 110 | 110 | 110 | 110 | 100 | 110 | 110 | 110 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| 23 | | | | | E230A | 110H | 110 | 110 | 110 | 110 | 105 | 110 | 110 | 110 | 110 | 100 | 110 | 110H | 115H | 125 | 125 | 125 | 125 | 125 | 125 |
| 24 | | Е | Е | Е | Е | 145 | 125 | 115 | 110 | 110 | 110 | 105 | 110 | 110 | 110 | 110 | 110 | 110H | 115H | Е | Е | Е | Е | Е | Е |
| 25 | | | | | E130B | 125 | 115 | 110 | 110 | 105 | 105 | E110B | 100 | E115B | 105 | 110 | 110 | E120B | E130B | Е | Е | Е | Е | Е | Е |
| 26 | | | | | E150B | 135H | 115 | 110 | 110 | 110 | 110B | 110 | 115H | 115 | 110H | 110H | 110 | А | А | А | А | А | А | А | А |
| 27 | | | | | Е | 110 | 100 | 110 | 110 | 105 | 110 | 110 | 110 | 110 | 110B | 110 | 105 | 110 | 135 | E130E | Е | Е | Е | Е | Е |
| 28 | | | | | E180E | 115H | 115 | 110C | 110 | 100 | 105 | 105 | 105 | 105 | 100 | 105H | 110 | 120H | 125 | 130 | Е | Е | Е | Е | Е |
| 29 | | | | | 115 | 110H | E115E | E140E | E110E | E120E | E110E | 105 | 105 | 105 | 105 | 105 | 110 | 110 | E125E | E130E | Е | Е | Е | Е | Е |
| 30 | | | | | Е | 110 | 110C | 115 | 105H | 110 | 110 | 110 | 100 | 100 | 100 | 105 | 110 | 110 | 120 | 120 | В | В | В | В | В |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | | | | | | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 5 | 5 | 10 | | | | | | |
| Месяц | Е | Е | Е | Е | E165 | 115 | 110 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 110 | 110 | 120 | Е | Е | Е | Е | Е | Е |
| Учтено | 1 | 3 | 2 | 4 | 25 | 25 | 26 | 28 | 29 | 28 | 28 | 26 | 27 | 26 | 27 | 26 | 28 | 20 | 20 | 24 | 4 | 1 | 2 | 1 | 1 |
| кварт. | | | | | 130 | 110 | 110 | 105 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 105 | 110 | 115 | 115 | 130 | | | | |
| | | | | | Е | 120 | 115 | 110 | 110 | 110 | 110 | 105 | 105 | 110 | 110 | 110 | 110 | 110 | 115 | 125 | Е | Е | Е | Е | Е |

2834

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Высоты отсчитаны с точностью 5 км. Станция автоматическая

(ручная, автоматическая)

Годе 0.1 МГц Апрель 1960г.

(контрастная) (длинами) (высоты) (год)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИППОВОЙ

Долгота 37°19'В широта 55°28'Ш

поисное время 30°E

Кем подсчитана

| № п/п | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|-----|------|------|------|------|------|------|
| 1 | 16 | 22 | 16 | 15 | E | 20 | 22 | Q | Q | Q | Q | B | B | B | B | B | B | B | 31 | 33 | 38 | 42 | 36 | 38 |
| 2 | 20 | E | 19 | E | E | 20 | Q | 39 | Q | Q | Q | Q | Q | Q | Q | Q | Q | 24 | 21 | 20 | J23X | E11B | E12B | E12B |
| 3 | E15S | E11B | E | E | E | 18 | 18Q | Q | Q | Q | 320 | 34 | Q | 4Q | 34 | Q | 27 | 24 | Q | Q | 22 | 20 | 50 | J27X |
| 4 | J29X | J40X | 23 | 27 | 23 | 14Q | Q | Q | 31 | 35 | 34 | Q | Q | Q | Q | 30 | 29 | 25 | 18 | Q | E12B | E13B | E14B | E13B |
| | E | E12B | E | 16 | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 20Q | 20 | E11B | E13B | E12B | E13B | E12B |
| 6 | E12B | E | E | 20 | 29 | Q | Q | Q | Q | Q | Q | Q | 28Q | 24Q | 35 | 30 | 16Q | 24 | 17 | E13B | E13B | E12B | E12B | E |
| 7 | E13B | E | E | E | E | Q | Q | Q | 29Q | 33 | Q | 29Q | 34 | Q | 35 | Q | 27Q | 23Q | Q | Q | E | E | E | E |
| 8 | E12B | E | E | 23 | E | Q | Q | Q | 28Q | 30Q | Q | 34 | Q | Q | Q | 16Q | 15Q | Q | 20 | 29 | E11B | E11B | E11B | E11B |
| 9 | 13 | 22 | 15 | E | Q | Q | Q | 25Q | 27Q | 28Q | 29Q | 35 | Q | Q | Q | 24Q | 19Q | 20Q | 23 | J27X | J26X | E12B | E11B | E |
| 10 | E12C | E11B | E | E | 14 | 20M | 20M | Q | 32 | 36 | 38 | Q | Q | Q | Q | Q | Q | 27 | 20 | Q | J26X | E12B | E13B | E12B |
| 11 | E14B | E11B | E | E | Q | Q | Q | Q | Q | Q | 33 | Q | Q | Q | Q | Q | Q | Q | Q | Q | E12B | E | E15B | E13B |
| 12 | E13B | E13B | E | E | Q | Q | Q | Q | 30 | 33 | 36 | 17Q | Q | Q | Q | Q | Q | 25 | 18 | Q | E14B | E13B | E13B | E12B |
| 13 | E13B | J14X | J15X | 27 | Q | Q | Q | Q | Q | Q | Q | 36 | Q | 37 | Q | Q | 18Q | Q | 20 | Q | E14S | E12B | E12B | E15C |
| 14 | E14C | J16X | J17X | J15X | 21M | 20 | Q | Q | 34 | 35 | 39 | 40 | 38 | Q | 34 | Q | Q | 20Q | 20 | 26 | 20 | E14B | E14C | E14C |
| 15 | E14C | E12B | E | E | 22 | Q | Q | Q | Q | Q | 33Q | 39 | 33Q | 37 | 38 | 35 | Q | 36 | Q | 15 | 23 | 24 | 25 | E13B |
| 16 | E15C | J27X | 20 | 22 | Q | E | Q | 30 | 32 | 34 | 30Q | 30Q | Q | Q | Q | Q | Q | Q | Q | 22 | E12B | E13B | E14B | E15B |
| 17 | E15B | J15X | 20M | E | Q | Q | Q | Q | Q | Q | 35 | 35Q | 35 | Q | Q | 32 | 32 | 25 | Q | 17 | J22X | E11B | 23M | E14B |
| 18 | E14B | E13B | U20M | U20M | 25 | 17Q | Q | Q | Q | Q | Q | Q | 36 | Q | Q | Q | 31 | 26 | Q | Q | E12B | E12B | E12B | 20M |
| 19 | E13B | E | E | E | 20 | 20 | 26 | Q | Q | 32Q | Q | Q | Q | Q | Q | Q | Q | 28 | 21 | Q | E | E12B | E | E13B |
| 20 | E12B | E | E11B | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 37 | Q | 20Q | 27 | 23 | 20M | 16 | E11B | E14B | E12B |
| 21 | E12B | E11B | E | E | Q | Q | 21Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 18Q | 27 | 24 | 20 | E22C | E | E | E |
| 22 | E | E | E | E | Q | Q | Q | Q | Q | 38 | 37 | Q | 37 | 36 | 40 | Q | 32 | 28 | 25 | 21 | E13B | E13B | E14B | E12B |
| 23 | E14B | E | E | 13 | 14Q | Q | 28 | 36 | 34 | 40 | Q | Q | Q | Q | Q | Q | Q | 27 | 24 | Q | E12B | E15S | E15B | E14B |
| 24 | E | E | E | Q | Q | Q | Q | Q | Q | 39 | 34 | Q | Q | Q | Q | Q | Q | Q | Q | 27 | 20 | 20 | E15B | E16B |
| 25 | E16S | E15S | E | E13B | Q | Q | Q | 30Q | Q | Q | Q | Q | 34Q | 36 | Q | Q | Q | 29 | 27 | J32X | 19 | E16B | E17B | E14B |
| 26 | E18S | E14B | E12B | E11B | Q | Q | 32 | 42 | Q | 35 | B | B | Q | 38 | 34 | Q | 35 | 25 | 26 | J30X | 19 | E13B | E12B | E13B |
| 27 | E12B | E12B | E11B | E12B | Q | Q | Q | 33 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 32 | Q | E15B | E11B | E | E |
| 28 | 14 | E | 18 | 19 | Q | Q | Q | Q | Q | Q | Q | 34 | Q | B | Q | Q | 29 | 30 | J32X | 26 | 23 | 23 | 50M | J35X |
| 29 | E11B | J30X | 16 | J26X | 27 | Q | 27Q | Q | 32Q | 33Q | Q | 34 | Q | 37 | 46 | J43X | 34 | 30 | 25 | 40 | E11B | E11B | E14B | E14B |
| 30 | E12B | E | E | 12 | Q | 43 | 29 | Q | 36 | Q | Q | 35 | 34 | 36 | Q | 34 | 34 | 35 | J30X | B | 50M | 45M | 30M | 35M |
| Д.КВ | | | | | | | | | | | | | | | | | | 8 | 7 | | D10 | | | |
| Медиа | E13B | 12 | E | 12 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 18 | 25 | 20 | 17 | 15 | E12B | E14B | E13B |
| | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 39 | 30 | 30 | 29 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 |
| КВЭРТ | E12 | E | E | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 20 | 17 | Q | E12 | E11 | E12 | E12 |
| | E15 | 15 | 16 | 19 | 14 | 14 | 21 | Q | 29 | 34 | 34 | 34 | 34 | 30 | 34 | 20 | 29 | 28 | 25 | 26 | 22 | E15 | E15 | E15 |

Пробег частоты от 1.0 МГц до 25.0 МГц 15сек.

Станция АВТОМАТИЧЕСКАЯ

(лучшая, автоматическая)

ГрЕв. 0,1 Мгц Апрель 1960г.

(стандартная) (единица) (школа) (год)

ИЗМИР АН

(институт)

Станция: Москва, Красная Пахра

Кем составлена ФИЛИПОВОЙ

Долгота 37°19'Е широта 55°28'N

ИОНОСФЕРНЫЕ ДАННЫЕ

полное время 30⁰⁰Е

Кем подсчитана

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|------------|----------|--------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|---------|--------|---------|---------|---------|---------|---------|-----------|------------|------------|------------|
| 1 | 15 | 14 | 14 | 13 | E | 16G | 22 | Q | Q | Q | Q | B | B | B | B | B | B | B | A | A | A | A | A | A | |
| 2 | E14B | E | E | E | E | 16 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 23 | Q | Q | 15 | E11B | E12B | E12B | |
| 3 | E15S | E11B | E | E | E | 16 | 18Q | Q | Q | Q | 32Q | 34 | Q | Q | 39 | Q | Q | Q | Q | Q | Q | E12B | 15 | 16 | |
| 4 | 14 | E11B | E | 18 | E | 14Q | Q | Q | 31 | 35 | 34 | Q | Q | Q | Q | 30 | 29 | 25 | 18 | Q | E12B | E13B | E14B | E13B | |
| 5 | E | E12B | E | E | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 20Q | Q | E11B | E13B | E12B | E13B | E12B | |
| 6 | E12B | E | E | E | E | Q | Q | Q | Q | Q | Q | Q | 26Q | 24Q | 30Q | 30 | 14Q | Q | 17 | E13B | E13B | E12B | E12B | E | |
| 7 | E13B | E | E | E | E | Q | Q | Q | 29Q | 31Q | Q | 29Q | Q | Q | Q | Q | 21Q | 20Q | Q | Q | E | E | E | E | |
| 8 | E12B | E | E | E | E | Q | Q | Q | 28Q | Q | Q | Q | Q | Q | Q | 16Q | 15Q | Q | 20 | 26 | E11B | E11B | E11B | E11B | |
| 9 | 12 | 12 | E11B | E | Q | Q | Q | 25Q | 27Q | 28Q | 29Q | 27Q | Q | Q | Q | 24Q | 17Q | 17Q | 18 | 20 | 15 | E12B | E11B | E | |
| 10 | E12C | E11B | E | E | Q | Q | 14Q | Q | Q | 35 | 38 | Q | Q | Q | Q | Q | Q | Q | 20 | Q | 25 | E12B | E13B | E12B | |
| 11 | E14B | E11B | E | E | Q | Q | Q | Q | Q | Q | 33 | Q | Q | Q | Q | Q | Q | Q | Q | Q | E12B | E | E15B | E13B | |
| 12 | E13B | E13B | E | E | Q | Q | Q | Q | 30 | Q | 35 | 36 | 16Q | Q | C | C | C | 23 | 18 | Q | E14B | E13B | E13B | E12B | |
| 13 | E13B | 13 | 13 | 16 | Q | Q | Q | Q | Q | Q | Q | 36 | Q | 37 | Q | Q | 18Q | Q | 20 | Q | E14S | E12B | E12B | E15C | |
| 14 | E14C | E11B | E | E | Q | 15Q | Q | Q | Q | 35 | 35 | Q | 36 | Q | Q | Q | Q | 20Q | Q | Q | E14B | E14B | E14C | E14C | |
| 15 | E14C | E12B | E | E | Q | Q | Q | Q | Q | Q | 33Q | 37 | 32Q | Q | 38 | 32 | Q | Q | Q | 15 | 23 | 20 | 16 | E13B | |
| 16 | E15C | 15 | E | 13 | Q | Q | Q | Q | Q | Q | 30Q | 30Q | Q | Q | Q | Q | Q | Q | Q | 13 | E12B | E13B | E14B | E15B | |
| 17 | E15B | E12B | E | E | Q | Q | Q | Q | Q | Q | 35 | Q | Q | Q | Q | 32 | 32 | 25 | Q | 13 | 16 | E11B | E11B | E14B | |
| 18 | E14B | E13B | E | E | Q | 13Q | Q | Q | Q | Q | Q | Q | 38 | Q | Q | Q | Q | Q | Q | Q | E12B | E12B | E12B | E | |
| 19 | E13B | E | E | E | 18 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | E | E12B | E | E13B | |
| 20 | E12B | E | E11B | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 34 | Q | 18Q | 19Q | 14Q | E13B | 15 | E11B | E14B | E12B | |
| 21 | E12B | E11B | E | E | Q | Q | 21Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 18Q | 27 | 22 | 20 | E22C | E | E | E | |
| 22 | E | E | E | E | Q | Q | Q | Q | Q | Q | 36 | Q | Q | 37 | 36 | Q | Q | 32 | Q | 24 | 20 | E13B | E13B | E14B | E12B |
| 23 | E14B | E | E | 13 | 13Q | Q | Q | 31 | 34 | 37 | Q | Q | Q | Q | Q | Q | Q | 27 | 24 | Q | E12B | E15S | E15B | E14B | |
| 24 | E | E | E | Q | Q | Q | Q | Q | Q | Q | 34 | Q | Q | Q | Q | Q | Q | Q | 26 | 26 | E13B | 14 | E15B | E16B | |
| 25 | E16S | E15S | E | E13B | Q | Q | Q | 30Q | Q | Q | Q | Q | Q | 36 | Q | Q | Q | 29 | 26 | 31 | E13B | E16B | E17B | E14B | |
| 26 | E18S | E14B | E12B | E11B | Q | Q | 32 | 36 | Q | 35 | B | B | Q | 35 | Q | Q | 27Q | E28R | 26 | 30 | E11B | E13B | E12B | E13B | |
| 27 | E12B | E12B | E11B | E12B | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 32 | Q | E15B | E11B | E | E | E | |
| 28 | E11B | E | E | E | Q | Q | Q | C | Q | Q | Q | Q | Q | Q | Q | Q | Q | 28 | 27 | 20 | 14 | E12B | E11B | 13 | |
| 29 | E11B | E | E | 13 | Q | Q | Q | Q | Q | 33Q | Q | Q | Q | 37 | 46 | 40 | 34 | 30 | Q | Q | E11B | E11B | E14B | E14B | |
| 30 | E12B | E | E | Q | Q | 30 | 29 | Q | Q | Q | Q | Q | Q | Q | Q | 34 | Q | Q | 25 | B | E19B | E15B | E14B | E14B | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиа | E13B | E11B | E | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 18 | 11 | E13B | E12B | E13B | E13B | |
| Учтено | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 25 | 30 | 30 | 29 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | |
| КВАРТ | E12 E14 | E E12 | E E | E 12 | E Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q 28 | Q 33 | Q 32 | Q Q | Q 37 | Q Q | Q 20 | Q 18 | Q 24 | Q 24 | Q 20 | E12 14 | E11 E13 | E11 E14 | E12 E14 |

h'Es км Апрель 1960г.
(характеристика) (единица) (школа) (год)

Станция Москва, Красная Пахра

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена ФИЛИПОВОЙ

Долгота 37°19'E широта 55°28'N

полное время 30°E

Кем подсчитана

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|--------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|
| 1 | 125 | 120 | 125 | 115 | E | 120 | 120 | Q | Q | Q | Q | B | B | B | B | B | B | B | 145 | 135 | 130 | 125 | 135 | 125 |
| 2 | 115 | E | 160 | E | E | 105 | Q | 100 | Q | Q | Q | Q | Q | Q | Q | B | E1500 | E1400 | 120 | 120 | B | B | B | B |
| 3 | S | B | E | E | E | 100 | 100 | Q | Q | 100 | 105 | 105 | Q | 120 | E1500 | Q | E1550 | E1490 | Q | 120 | 129 | 120 | 120 | 135 |
| 4 | 135 | 135 | 110 | 105 | 105 | 125 | Q | Q | E1450 | E1250 | E1200 | Q | Q | Q | Q | Q | 115 | E1300 | 120 | 130 | Q | B | B | B |
| 5 | E | B | E | 110 | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 120 | 105 | B | B | B | B |
| 6 | B | E | E | 100 | 95 | Q | Q | Q | Q | Q | Q | Q | 100 | 100 | 120 | 115 | 100 | E1450 | 120 | B | B | B | B | E |
| 7 | B | E | E | E | E | Q | Q | Q | 110 | 110 | Q | 105 | E1500 | Q | E1350 | Q | 105 | 105 | Q | Q | E | E | E | E |
| 8 | B | E | E | 115 | E | Q | Q | Q | E1200 | E1200 | Q | 110 | Q | Q | Q | 100 | 100 | Q | 135 | 120 | B | B | B | B |
| 9 | 100 | 100 | 105 | E | Q | Q | Q | E1250 | E1200 | 105 | 105 | 120 | Q | Q | Q | 100 | 100 | 100 | 100 | 100 | 100 | B | B | E |
| 10 | C | B | E | E | 100 | 110 | 100 | Q | E1400 | E1250 | 120 | Q | Q | Q | Q | Q | Q | 125 | 125 | Q | 120 | B | B | B |
| 11 | B | B | E | E | Q | Q | Q | Q | Q | Q | E1200 | Q | Q | Q | Q | Q | Q | Q | Q | Q | B | E | B | B |
| 12 | B | B | E | E | Q | Q | Q | Q | E1250 | E1700 | E1300 | 120 | 105 | Q | C | C | C | E1300 | E1300 | Q | B | B | B | B |
| 13 | B | 105 | 100 | 100 | Q | Q | Q | Q | Q | Q | Q | E1250 | Q | E1250 | Q | Q | 100 | Q | 130 | Q | S | B | B | C |
| 14 | C | 100 | 100 | 105 | 110 | 100 | Q | Q | 120 | 110 | 105 | 110 | 125 | Q | 110 | Q | Q | 105 | E1450 | 100 | 100 | B | C | C |
| 15 | C | B | E | E | 130 | Q | Q | Q | Q | Q | 120 | 105 | 105 | 125 | 115 | 120 | Q | E1550 | Q | 130 | 120 | 120 | 115 | B |
| 16 | C | 135 | 130 | 125 | Q | Q | Q | E1400 | E1500 | E1300 | 110 | 100 | Q | Q | Q | Q | Q | Q | Q | 110 | B | B | B | B |
| 17 | B | 105 | 130 | E | Q | Q | Q | Q | Q | Q | E1250 | E1250 | E1200 | Q | Q | E1350 | 105 | E1250 | Q | 125 | 120 | B | 120 | B |
| 18 | B | B | 105 | 100 | 135 | 105 | Q | Q | Q | Q | Q | Q | E1400 | Q | Q | Q | E1600 | E1450 | Q | Q | B | B | B | 100 |
| 19 | B | E | E | E | 120 | E1300 | 125 | Q | Q | 110 | Q | Q | Q | Q | Q | Q | Q | 140 | 135 | Q | E | B | E | B |
| 20 | B | E | B | E | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 110 | Q | Q | 100 | 100 | 100 | 115 | B | B | B |
| 21 | B | B | E | E | Q | Q | 105 | Q | Q | Q | Q | Q | Q | Q | Q | Q | 105 | E1600 | 125 | 115 | C | E | E | E |
| 22 | E | E | E | E | Q | Q | Q | Q | Q | 130 | 120 | Q | 130 | 115 | 120 | Q | E1800 | E1500 | 130 | 120 | B | B | B | B |
| 23 | B | E | E | 130 | E1400 | Q | E1500 | 120 | E1400 | 120 | Q | Q | Q | Q | Q | Q | Q | E1600 | 135 | Q | B | S | B | B |
| 24 | E | E | E | Q | Q | Q | Q | Q | Q | 110 | 130 | Q | Q | Q | Q | Q | Q | Q | 130 | 125 | 120 | 120 | B | B |
| 25 | S | S | E | B | Q | Q | Q | E1400 | Q | Q | Q | Q | E1250 | 120 | Q | Q | Q | 150 | 140 | 130 | 130 | B | B | B |
| 26 | S | B | B | B | Q | Q | 160 | 140 | Q | 130 | B | B | Q | 120 | E1450 | Q | 115 | 110 | 105 | 110 | 120 | B | B | B |
| 27 | B | B | B | B | Q | Q | Q | 100 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | E1600 | Q | B | B | E | E |
| 28 | 110 | E | 140 | 150 | Q | Q | Q | C | Q | Q | Q | E1200 | Q | Q | Q | Q | E1800 | 135 | 120 | 125 | 125 | 120 | 120 | 120 |
| 29 | B | 110 | 120 | 115 | 130 | Q | E1500 | Q | E1350 | E1250 | Q | E1150 | Q | 110 | 110 | 110 | 115 | 130 | 135 | 125 | B | B | B | B |
| 30 | B | E | E | E1750 | Q | 115 | 135 | Q | 125 | Q | Q | E1350 | E1250 | 120 | Q | 130 | 145 | E1750 | 130 | B | 120 | 120 | 115 | 115 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| д. кв. | 20 | 30 | 25 | 15 | 30 | 20 | 35 | 4 | D20 | 15 | 15 | 15 | 30 | 20 | 10 | 20 | 15 | 25 | 19 | 15 | 5 | - | 5 | 20 |
| Медиа | 115 | 110 | 120 | 110 | 145 | 110 | 120 | 110 | E25 | 140 | 120 | 105 | 105 | 120 | 140 | 145 | 140 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| Экстр. | 3 | 8 | 21 | 32 | 18 | 28 | 7 | 4 | 21 | 18 | 26 | 17 | 25 | 26 | 28 | 27 | 20 | 22 | 20 | 26 | 44 | 6 | 6 | 3 |
| кварт | 110 | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 120 | 120 | 140 | 105 | 108 | 100 | 140 | 100 | 100 | 105 | 120 | 130 | 120 | 120 | 115 | 110 |
| | 130 | 130 | 130 | 115 | 130 | 120 | 135 | 140 | E140 | 125 | 126 | 126 | 130 | 120 | 120 | 120 | 115 | 130 | 125 | 125 | 120 | 120 | 120 | 130 |

Высоты считаны с точностью 5 км.

Провер частоты от 1.0 Мгц до 25.0 Мгц 15сек.

Станция АВТОМАТИЧЕСКАЯ

(ручная автоматическая)

тип Es Апрель 1960г.
(Сорт) (частота) (единица) (месяц) (год)

ИЗМР АИ
(место)

станция Москва, Красная Пахра

Кем составлена ФИЛИПОВА

долгота 37°19'Е широта 55°28'N

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем подсчитана

поясное время 30°E

| Час | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|--------|----|----|----|----------|----|----|----|----|----|----|----|------|----|----|----|------|----|------|------|------|----|----|----|----|----|
| 1 | f1 | f1 | f1 | f1 | | e2 | e2 | | | | | | | | | | | a1 | a1 | a2 | a1 | a1 | a1 | | |
| 2 | a1 | | f1 | | | 12 | | 11 | | | | | | | | | | e1 | e1 | e1 | e1 | f2 | | | |
| 3 | | | | | | 12 | 11 | | | | e1 | e1 | | e2 | e1 | | e1 | e1 | e1 | e1 | | f1 | f1 | f4 | f2 |
| 4 | f3 | f2 | f2 | f8 f1 | f2 | e1 | | | e2 | e2 | e2 | | | | | | e1 | e1 | e2 | e2 | | | | | |
| 5 | | | | f1 | f1 | | | | | | | | 11 | 12 | e1 | e111 | 11 | e111 | e2 | | | | | | |
| 6 | | | | | | | | | e2 | e2 | | e1 | e1 | | e1 | | 12 | 12 | | | | | | | |
| 7 | | | | f1 | | | | | e1 | e1 | | e1 | | | | 11 | 11 | e211 | e2 | | | | | | |
| 8 | f1 | f2 | f1 | | | | | e1 | e1 | 11 | 11 | e111 | | | | 12 | 12 | 11 | 11e2 | 12 | f2 | | | | |
| 9 | | | | | 12 | 11 | 12 | | e1 | e2 | | | | | | | | e1 | e2 | | | f3 | | | |
| 10 | | | | | | | | | | | e1 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | e1 | e1 | e1 | e2 | 12 | | | | | e2 | e2 | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | f1 | f2 | f4 | | | | | | | | e1 | | e2 | | | 12 | | e2 | | | | | | |
| 14 | | f2 | f2 | f2 | 11 | 12 | | | e2 | e2 | e2 | e1 | e2 | | e1 | | | 12 | e111 | 11 | 11 | | | | |
| 15 | | | | | 11 | | | | | | e1 | e2 | 12 | e1 | e2 | e1 | | e1 | | | e2 | f4 | f5 | f4 | |
| 16 | | f4 | f6 | f3 | | | | e1 | e1 | e1 | e1 | e2 | | | | | | | | 11 | | | | | |
| 17 | | f1 | f1 | | | | | | | | e2 | e1 | e1 | | | e212 | 12 | e2 | | e1 | f3 | | f1 | | |
| 18 | | | f1 | f1 | e1 | 11 | | | | | | | e1 | | | | e1 | e111 | | | | | | f1 | |
| 19 | | | | | e6 | e2 | e2 | | | 12 | | | | | | | | e1 | e1 | e1 | | | | | |
| 20 | | | | | | | | | | | | | | | e1 | | 12 | 12e2 | 13e1 | 12e2 | f3 | | | | |
| 21 | | | | | | | 13 | | | | | | | | | | 13 | e212 | e3 | e4 | | | | | |
| 22 | | | | | | | | | | e1 | e1 | | e1 | e2 | e1 | | e1 | e1 | e2 | e4 | | | | | |
| 23 | | | | f2 | e1 | | e3 | e1 | e1 | e1 | | | | | | | | e1 | e2 | | | | | | |
| 24 | | | | | | | | | | 11 | e2 | | | | | | | | e3 | e5 | f1 | f1 | | | |
| 25 | | | | | | | | | e2 | | | | e1 | e2 | | | | e1 | e2 | e3 | f1 | | | | |
| 26 | | | | | | | e1 | e1 | | e1 | | | | e1 | e1 | | e1 | 13 | 13 | f3 | f1 | | | | |
| 27 | | | | | | | | 11 | | | | | | | | | | | e1 | | | | | | |
| 28 | f1 | | f1 | f1 | | | | | | | e1 | | | | | | e1 | e1 | e3 | e3 | e2 | f1 | f1 | f3 | |
| 29 | | f1 | f2 | f3 | e2 | | e1 | | e1 | e1 | | e1 | | e1 | e2 | e3 | e3 | e2 | e1 | e1 | | | | | |
| 30 | | | | e1 | | e1 | e1 | | e1 | | e1 | e1 | e1 | e1 | | e1 | e2 | e2 | e1 | | f1 | a1 | a1 | a1 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиа | | | | | | | | | | | | | | | | | | | | | | | | | |
| Учтено | | | | | | | | | | | | | | | | | | | | | | | | | |

г-мин 0,1 мГц Апрель 1960г.
(характеристика) (единицы) (месяц) (год)

Станция Москва, Красная Пахра

Кем составлена Филипповой

ИОНОСФЕРНЫЕ ДАННЫЕ

Долгота 37°19'Е широта 55°28'N

полное время 30°E

Кем подсчитана

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|---------|------|------|----|----|----|------|------|----|----|------|------|------|----|----|------|----|----|------|----|------|------|------|------|------|--|
| 1 | 12 | 12 | 10 | 10 | 10 | 10 | 11 | 11 | 13 | 13 | 15 | В | В | В | В | В | В | В | 21 | 14 | 12 | 14 | 13 | 13 | |
| 2 | 14 | 10 | 10 | 10 | 10 | 10 | 11 | 13 | 13 | 18 | 18 | 26 | 20 | 17 | 17 | 15 | 13 | 12 | 12 | 10 | 12 | 11 | 12 | 12 | |
| 3 | E15S | 11 | 10 | 10 | 10 | 10 | 14 | 22 | 15 | 14 | 16 | 15 | 17 | 15 | 30 | 15 | 13 | 11 | 10 | 13 | 12 | 11 | 12 | 10 | |
| 4 | 10 | 11 | 10 | 10 | 10 | 11 | 11 | 14 | 14 | 14 | 13 | 28 | 22 | 16 | 16 | 14 | 13 | 11 | 11 | 11 | 12 | 13 | 14 | 13 | |
| 5 | 10 | 12 | 10 | 10 | 10 | 11 | 13 | 15 | 16 | 19 | 18 | 17 | 18 | 15 | 14 | 14 | 13 | 12 | 12 | 11 | 13 | 12 | 13 | 12 | |
| 6 | 12 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 12 | 12 | 14 | 11 | 11 | 12 | 13 | 12 | 12 | 13 | 13 | 12 | 12 | 10 | |
| 7 | 13 | 10 | 10 | 10 | 10 | 12 | 13 | 12 | 13 | 15 | 13 | 13 | 13 | 12 | 17 | 14 | 13 | 12 | 11 | 12 | 12 | 13 | 11 | 12 | |
| 8 | 12 | 11 | 10 | 10 | 10 | 12 | E13S | 14 | 13 | 14 | 13 | 12 | 11 | 13 | 14 | 13 | 12 | 13 | 14 | 14 | 11 | 11 | 11 | 11 | |
| 9 | 10 | 11 | 11 | 10 | 10 | 12 | 13 | 13 | 14 | 14 | 17 | 13 | 18 | 18 | 15 | 13 | 12 | 10 | 11 | 10 | 12 | 12 | 11 | 10 | |
| 10 | E14C | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 14 | 14 | 14 | E13C | 13 | 14 | 14 | 11 | 13 | 13 | 11 | 13 | 10 | 12 | 13 | 12 | |
| 11 | 14 | 11 | 10 | 10 | 10 | 11 | 11 | 13 | 13 | 18 | 13 | 13 | 13 | 13 | 13 | 14 | 13 | 12 | 11 | 10 | 12 | 10 | 15 | 13 | |
| 12 | 13 | 13 | 10 | 10 | 10 | 13 | 11 | 10 | 12 | 14 | 12 | 14 | 14 | 15 | С | С | С | 11 | 13 | 10 | 14 | 13 | 13 | 12 | |
| 13 | 13 | 11 | 10 | 10 | 10 | 10 | 12 | 11 | 12 | 13 | 13 | 12 | 12 | 10 | 11 | 12 | 12 | 13 | 10 | 10 | E14S | 12 | 12 | E15C | |
| 14 | E14C | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 13 | 11 | 14 | 14 | 13 | 10 | 13 | 11 | 10 | 10 | E14S | 14 | 14 | E14C | E14C | |
| 15 | E14C | 12 | 10 | 10 | 10 | 10 | 11 | 10 | 13 | 11 | 13 | 13 | 13 | 12 | 12 | 13 | 11 | 10 | 13 | 12 | 12 | 13 | 13 | 13 | |
| 16 | E15C | 12 | 10 | 10 | 10 | E14C | E13C | 10 | 11 | 11 | 13 | 12 | 13 | 13 | E12C | 10 | 12 | 12 | 10 | 12 | 12 | 13 | 14 | 15 | |
| 17 | 15 | 12 | 10 | 10 | 10 | 12 | 14 | 13 | 11 | 12 | 13 | 12 | 12 | 16 | 13 | 12 | 12 | 11 | 13 | 10 | 12 | 11 | 11 | 14 | |
| 18 | 14 | 13 | 10 | 10 | 10 | 11 | 12 | 11 | 12 | 14 | 14 | 14 | 15 | 15 | 13 | 12 | 10 | E12S | 13 | 12 | 12 | 12 | 12 | 10 | |
| 19 | 13 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 12 | 12 | 14 | 13 | 13 | 13 | 12 | 10 | 11 | 10 | 11 | 12 | 12 | 12 | 13 | |
| 20 | 12 | 10 | 11 | 10 | 10 | 13 | 12 | 12 | 13 | E14S | 14 | 12 | 13 | 14 | 12 | 11 | 10 | 10 | 13 | 10 | 11 | 14 | 12 | | |
| 21 | 12 | 11 | 10 | 10 | 10 | 10 | 12 | 11 | 10 | 10 | 13 | 12 | 13 | 11 | 11 | 13 | 12 | 10 | 10 | 12 | E22C | 10 | 10 | 10 | |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 13 | 12 | 13 | 13 | 14 | 12 | 13 | 12 | 12 | 12 | E14S | 13 | 13 | 14 | 12 | |
| 23 | 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 11 | 12 | 10 | 13 | 12 | E15S | 15 | 14 | |
| 24 | 14 | 10 | 10 | 12 | 12 | 13 | 12 | 10 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 11 | 12 | 13 | 12 | 15 | 16 | |
| 25 | E16S | E15S | 10 | 13 | 13 | 15 | 15 | 13 | 14 | 16 | 16 | 17 | 14 | 16 | 13 | 16 | 15 | 15 | 14 | 13 | 13 | 16 | 17 | 14 | |
| 26 | E18S | 14 | 12 | 11 | 14 | 15 | 13 | 13 | 13 | 15 | 15 | 15 | 12 | 15 | 12 | 15 | 12 | 14 | 13 | 14 | 11 | 13 | 12 | 13 | |
| 27 | 12 | 12 | 11 | 12 | 12 | 11 | 10 | 13 | 13 | 14 | 16 | 16 | 15 | 28 | 34 | 16 | 14 | 15 | 14 | 12 | 15 | 11 | 10 | 10 | |
| 28 | 11 | 10 | 10 | 10 | 13 | 10 | 14 | С | 15 | 14 | E14C | 15 | 15 | 13 | 14 | 13 | 12 | 14 | 13 | 11 | 12 | 12 | 11 | 11 | |
| 29 | 11 | 10 | 10 | 10 | 10 | 13 | 17 | 30 | 23 | 29 | 20 | 15 | 16 | 18 | 15 | 13 | 13 | 13 | 14 | 13 | 11 | 11 | 14 | 14 | |
| 30 | 12 | 10 | 10 | 10 | 10 | 10 | 15 | 12 | 10 | 11 | 11 | 11 | 13 | 10 | 12 | 12 | 14 | 14 | 12 | В | 19 | 15 | 14 | 14 | |
| И | | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ | 3 | 2 | - | - | - | 2 | 2 | 2 | 2 | 1 | 4 | 3 | 2 | 4 | 2 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | |
| Медiana | 12 | 11 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 14 | 13 | 13 | 13 | 14 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | |
| Углубл. | 23 | 29 | 30 | 30 | 30 | 29 | 28 | 29 | 30 | 30 | 29 | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 30 | 28 | 28 | 29 | 29 | 28 | |
| кварт | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 11 | 10 | 11 | 12 | 11 | 12 | 11 | |
| | 14 | 12 | 10 | 10 | 10 | 12 | 13 | 13 | 14 | 14 | 16 | 15 | 15 | 16 | 14 | 14 | 13 | 13 | 11 | 13 | 13 | 13 | 14 | 14 | |

Пробег частоты от 1.0 Мгц до 25.0 Мгц 15сек.

Станция АВТОМАТИЧЕСКАЯ

(ручная, автоматическая)