

гоФ2 О.И Мгц апрель 1973 г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновой

широта 55°28'N долгота 37°19' E

Кем подсчитана

поясное время

30⁰ E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|-----|------|------|------|-----|------|------|------|------|------|------|------|------|------|----|----|------|-----|------|------|-----|-----|------|------|
| I | 20F | 24F | 22F | 21F | 20F | 28 | 37 | 42 | 47 | 49 | 50 | 53 | 56 | 56 | 58 | 55 | 56F | 49 | 55 | F | 21 | 24F | 22F | 27F |
| 2 | 25F | 27F | U20F | 17F | 17F | 23 | 28 | E32G | E34G | E37G | E39G | E39G | E40G | E39G | 41 | 40 | E39G | 38 | 36 | 32F | 26F | 22F | 21F | 19F |
| 3 | 17F | 15 | 12 | 12F | 16F | 28 | 39 | 48 | 55 | 62 | 71 | 71 | 69 | 69 | 64 | 65 | 62 | 64 | 61 | 61 | 50 | 43F | 40F | 33F |
| 4 | 31F | 28F | 25F | 23F | 22F | 33 | 43 | 52 | 63 | 67 | 66 | 65 | 66 | 72 | 67 | 64 | 63 | 61 | 63 | 67 | 61 | 45 | 39F | 36F |
| 5 | 34F | 31F | 28F | 26F | 24F | 34 | 40 | 46 | 53 | 58 | 61 | 68 | 64 | 64 | 63 | 61 | 61 | 59 | 57 | 60 | 56 | 50 | 44 | 36F |
| 6 | 35F | U34F | 32 | 30F | 27 | 34 | 41 | 48 | 55 | 56 | 59 | 62H | 64 | 60 | 61 | 62 | 61 | 61 | 62 | 60 | 53 | 44F | 38 | 35F |
| 7 | 35 | 33 | 32 | 29F | 30F | 38 | 45 | 52 | 59 | 65 | 63 | 66 | 68 | 66 | 69 | 69 | 68 | 63 | 63 | 62 | 56 | 51 | 45 | 42 |
| 8 | 41 | 38 | 36F | 35F | 35F | 43 | 55 | 63 | 74F | 79 | 77V | 77 | 77 | 77 | 82 | 80 | 80 | 77 | 68 | 67 | 64 | 57 | 50 | 49 |
| 9 | 48 | 44 | 41 | 36 | 35 | 41 | 58 | 66 | 76 | 81H | 86H | 82 | 82 | 84 | 75 | 73 | 76 | 75 | 77 | 71 | 65 | 58 | 53 | 48 |
| 10 | 45 | 43 | 41 | 39 | 37 | 42 | 52 | 58 | 66 | 72 | 72 | 78 | 74 | 72 | 71 | 71 | 72 | 71 | 74 | 70 | 66 | 60 | 48 | 44 |
| 11 | 42 | 39 | 38 | 36 | 35 | 41F | 52 | 59 | 68 | 72 | 80F | 92 | 85 | 85 | 85 | 78 | 69 | 69 | 64 | 57 | 57F | 48 | 43 | 32 |
| 12 | 31F | 30F | 29F | 27F | 25F | 33F | 37 | 39 | 41 | 45 | 48 | 51 | 56H | 58 | 56 | 55 | 55 | 53 | 53 | 50 | 49 | 42 | 37F | 36 |
| 13 | 34 | 32F | 30F | 28F | 29 | 39H | 46 | 53 | 55 | 62 | 61 | 71 | 67 | 70 | 82 | 78 | 78 | 79H | 50 | 49 | 43 | 38 | 32 | 32 |
| 14 | 26 | 24 | 23F | 20F | 24 | 34 | 40H | E36G | 40 | 48 | 49 | 58 | 45 | 44 | 46 | 45 | 43 | 44 | 48 | 49 | 54 | 41 | 24 | I21A |
| 15 | 21 | 20 | 20F | 20F | 24F | 37F | 57 | 66 | 72 | 71 | 72 | 62 | 63 | 64 | 65 | 64 | 65 | 60 | 64 | 63 | 62 | 56 | 48 | 45 |
| 16 | 40 | 36 | 34 | 31 | 30 | 37 | 46 | 58 | 62 | 72V | 72 | 86 | 87 | 82 | 86 | 76 | 61 | 53 | 50F | 49 | 38 | 31F | 24F | 23F |
| 17 | 22F | 23F | 21F | 17F | 22 | 31 | 35 | 39 | 43 | 42 | 44 | 47 | 47 | 49 | 44 | 48 | 48 | 48 | 50 | 46 | 36 | 25 | 20F | 19F |
| 18 | 17F | 17F | 15F | 13F | 23F | 34 | 37 | 43 | 47 | 54 | 54 | 59 | 58 | 58 | 57 | 56 | 57 | 57 | 54 | 46 | 45 | 42F | 32F | 28F |
| 19 | 27F | 25 | 23F | 22 | 24 | 33 | 36 | E38G | 46 | 49 | 56 | 62 | 60 | 52H | 61 | 59 | 55 | 55 | 60 | I60C | 55F | 42F | 32F | 25F |
| 20 | 21F | 16F | 15F | 18F | 24F | 32F | 35 | E35G | 42 | 45 | 46 | 48 | 53 | 50 | 54 | 56 | 54 | 54 | 50 | 46 | 40 | 30H | 22F | 17F |
| 21 | 16F | U12S | U15F | 20F | 25F | 32 | 38F | 40 | 42 | 43 | 43 | 45 | 46 | 48 | 46 | 45 | 45 | 42 | 41 | 41 | 36 | 28 | 21 | 18F |
| 22 | 15F | U15F | 14F | 15 | 24F | 32 | 36W | 39 | E39G | E40G | 44 | 44 | 46 | 46 | 45 | 45 | 44 | 41 | 42 | 43 | 43 | 38F | 31 | 26F |
| 23 | 23 | 21 | 20 | 18F | 25 | 32 | E35G | 39W | 45 | 48 | 51 | 55 | 60 | 55 | 56 | 58 | 58 | 56 | 56 | 50 | 50 | 39F | 28F | 25F |
| 24 | 24 | 23 | 22F | 22F | 31F | 38 | 42 | 45 | 49 | 52 | 55H | 59 | 60 | 60 | 61 | 60 | I60A | 59 | U60C | 61 | 59 | 55 | 47 | 39 |
| 25 | 34 | 31 | 28F | 25F | 32F | 43 | 49H | 53 | 56H | 65 | 68 | 68 | 66F | 62 | 62 | 58 | 60 | 64 | 62 | 64 | 60 | 51 | U43F | 41F |
| 26 | 40F | 34F | 31 | 29 | 27 | E30G | E34G | 46H | 58 | 58H | 58 | 57 | 61 | 63 | 65 | 62 | 68 | 69 | 65 | 64 | 65 | 55 | 44F | 32 |
| 27 | 25F | 24F | 23F | 16F | 27F | E33G | E37G | 42 | 48 | 53 | 60 | 63H | 61 | 61 | 58 | 61 | 56H | 57 | 58 | 59F | 54F | 51F | 43F | 37F |
| 28 | 31F | 24F | 22F | 21F | 32 | 40 | 51H | 57 | 65 | 74 | 74 | 68 | 62 | 65 | 63 | 55 | 72 | 67 | 66 | 72 | 62F | 59 | 43F | 38F |
| 29 | 32F | 32F | 27F | 27F | 34F | 40 | 42F | 43 | 43 | 47 | 53 | 48 | 50 | 50 | 49 | 45 | 49 | 49 | 51 | 50 | 48 | 42 | 37 | 28F |
| 30 | 24F | 22 | 23F | U24F | 31 | 48 | 59 | 66F | 75H | 76F | 77 | 73 | 71 | 69 | 71 | 70 | 67 | 72 | 72 | 68 | 65 | 64 | 60 | 54F |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Мед. | 29F | 26F | 23F | 22F | 26F | 34 | 40 | 46 | 54 | 57 | 60 | 62 | 62 | 62 | 62 | 60 | 60 | 59 | 59 | 60 | 54 | 44 | 38F | 32F |
| Учен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 |
| В.КВ. | 35 | 33 | 31 | 29 | 31 | 40 | 49 | 57 | 63 | 71 | 72 | 71 | 68 | 69 | 69 | 69 | 68 | 67 | 64 | 64 | 61 | 55 | 44 | 39 |
| Н.КВ. | 22 | 22 | 20 | 18 | 24 | 32 | 37 | 39 | 43 | 48 | 50 | 53 | 56 | 52 | 56 | 55 | 55 | 53 | 50 | 49 | 43 | 38 | 28 | 25 |
| М.КВ. | 13 | 11 | 11 | 11 | 17 | 08 | 12 | 18 | 20 | 23 | 22 | 18 | 12 | 17 | 13 | 14 | 13 | 14 | 14 | 15 | 18 | 17 | 16 | 14 |

Пробег частоты от 1.0 Мгц до 20.0 Мгц 30сек Станция

№Ф1 О.И Мгц апрель 1973 г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновой

Широта 55°28'N долгота 37°19'E

Кем подсчитана

поясное время

30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|----|----|----|----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|
| I | | | | | | | | U37L | 39H | 41H | 43H | 43 | 43H | 43 | 42H | 41 | L | L | | | | | | |
| 2 | | | | | | | L | 32 | 34 | 37H | 39H | 39 | 40H | 39 | 39 | 38 | 39 | | | | | | | |
| 3 | | | | | | | | 44 | U43L | U46L | 46 | U45L | U45L | L | L | L | L | L | | | | | | |
| 4 | | | | | | | L | U43L | 42 | 44H | 45 | 46H | 46 | 45 | U43L | L | L | L | | | | | | |
| 5 | | | | | | | 25L | 30L | 41H | 44 | 45H | 46H | 45 | 44H | U43L | L | L | | | | | | | |
| 6 | | | | | | | U35L | 40H | 41H | 43 | 44 | 45H | 45 | U44L | 43 | U42L | L | L | | | | | | |
| 7 | | | | | | | L | U40L | U42L | 43 | U46L | U47L | U46L | U45L | U42L | L | L | | | | | | | |
| 8 | | | | | | | L | L | U43L | U44L | 47 | 47H | U45L | L | L | U42L | L | L | | | | | | |
| 9 | | | | | | | L | 40 | L | L | U46L | L | U46L | U45L | L | U46L | L | | | | | | | |
| 10 | | | | | | | L | L | U42L | 45 | 45H | U45L | U44L | L | L | L | L | | | | | | | |
| 11 | | | | | | | L | 40 | U41L | U45L | 47 | U45L | 45 | U47L | U44L | 40L | U36L | L | | | | | | |
| 12 | | | | | | U27L | 34 | 37 | 39 | 41 | 43 | 44 | 44H | 44 | 43 | 41 | U39L | L | | | | | | |
| 13 | | | | | | | | L | U42L | 44 | 44H | 45H | 45H | 45 | 43 | U42L | L | L | | | | | | |
| 14 | | | | | | | 34 | 36 | 37 | 39 | 39H | 40H | 40H | 40H | 41 | 39 | U38L | U33L | L | | | | | |
| 15 | | | | | | | L | L | U41L | 42 | 44 | U43L | U43L | U44L | U45L | L | L | L | | | | | | |
| 16 | | | | | | L | 35 | 39H | 43H | 43H | 45 | 45 | 44 | 43 | 41 | 40 | U36L | L | | | | | | |
| 17 | | | | | | | | 36H | 37 | 39 | 41 | 41H | 41 | 42 | 41 | 40H | U37L | U35L | L | | | | | |
| 18 | | | | | | | | U38L | 39H | 40 | 42H | 43H | 42H | 44H | 41 | 40H | 36H | L | | | | | | |
| 19 | | | | | | | | 38 | 40 | 41 | 42 | 42H | 43H | U48L | 42 | U40L | U37L | L | | | | | | |
| 20 | | | | | | U22L | 34 | 35 | 38 | 40H | 41 | 41 | 41 | 42 | 42 | 40 | U38L | L | | | | | | |
| 21 | | | | | | | L | 36 | 39 | 40 | 40H | 41H | 41H | 41 | 42 | 40H | 37H | L | | | | | | |
| 22 | | | | | | | 34 | 37 | 39 | 40 | 40H | 41H | 42H | 42H | 41H | 40H | 39 | L | | | | | | |
| 23 | | | | | | | 35 | 37H | 40H | 42H | 44 | 44 | 44 | 44 | 44H | 41 | U40L | L | | | | | | |
| 24 | | | | | | | L | 41 | 43H | 43 | 45H | 45 | 44H | 46 | U44L | A | A | L | | | | | | |
| 25 | | | | | | | U38L | 42 | 42 | 45H | 44 | A | 46 | 45 | 45 | U43L | L | L | L | | | | | |
| 26 | | | | | | 30 | 34 | 38H | 43 | 44 | 44H | 46 | 45 | 44 | U44L | U41L | U40L | L | | | | | | |
| 27 | | | | | | 33 | 37 | 39 | 41 | 43 | 44 | 43H | 45H | 44 | 44 | U43L | U39L | L | | | | | | |
| 28 | | | | | | | 30 | U42L | U46L | 45 | 46 | 47 | U47L | U46L | U45L | L | U42L | U36L | L | | | | | |
| 29 | | | | | | L | L | 40H | 42 | 43 | 43H | 43 | 43 | 43 | 44 | 42 | 40 | U38L | L | | | | | |
| 30 | | | | | | | L | U45L | U47L | 46H | 46H | 48H | 47 | 47 | 45 | U43L | U40L | L | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| МЭД. | | | | | | U28 | 34 | 38 | 41 | 43 | 44 | 44 | 44 | 44 | 43 | 41 | U39 | U36 | | | | | | |
| Учтен | | | | | | 4 | 12 | 26 | 29 | 29 | 30 | 28 | 30 | 27 | 26 | 22 | 17 | 4 | | | | | | |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| М.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 Мгц до 20.0 Мгц 30сек Станция

foE 0.01 МГц апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Поповой

широта 55°28'N долгота 37°19' E

Кем подсчитана

поясное время

30° E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|----|----|----|-----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|
| I | | | | | | 160 | 210H | 250 | 280 | 280 | 290H | 310H | 310 | 310 | 310H | 300 | 280H | 250H | 210H | 175 | 150F | | | |
| 2 | | | | | | 170H | 195H | 240H | 280H | 300H | 310H | 310H | 310 | 310H | 305H | 280H | 255H | U230A | 180F | A | | | | |
| 3 | | | | | | 180 | 225H | 250H | 290 | 305 | 320 | A | A | A | A | 280H | 260H | 220H | A | A | | | | |
| 4 | | | | | | A | 220 | 250 | 290 | U310A | U320A | U330A | 320 | 320 | 310 | 290 | 260 | 220 | 170 | | | | | |
| 5 | | | | | | B | 210 | 250 | 280 | 300 | 310H | 320 | 330 | 320 | 310 | 290A | U260A | A | A | | | | | |
| 6 | | | | | | 150 | 210H | 250H | 280 | 320H | 325H | 325H | 330H | 330 | 305 | 290H | 265 | 240H | 170H | A | | | | |
| 7 | | | | | | 150 | 220H | 275H | 310H | 310 | 315 | 310 | 325 | 320H | 310 | 295 | 260 | 220 | 180H | B | | | | |
| 8 | | | | | E | 160H | 230H | 270H | 310H | 330 | U330A | 340 | 340H | 330H | U320A | 310 | 270H | 230 | 170 | A | | | | |
| 9 | | | | | | 170H | 220H | 270H | 300 | 320 | 330 | 335 | 330 | 330 | 320 | 300H | 270 | 230H | U180A | U110A | | | | |
| 10 | | | | | | 180H | 230 | 260H | 290H | 315 | 325 | 340 | 340 | 330 | 315 | 300 | 285 | 230 | A | A | | | | |
| 11 | | | | | E | 180 | 225H | 260 | 290 | 310H | 320A | 320 | 330 | 320 | 305H | 295 | 270 | U230A | A | | E | | | |
| 12 | | | | | | 180H | 230 | 250 | U280A | A | U330A | 320H | 320H | 320H | 305A | 280 | 260 | 230H | 190 | 120 | | | | |
| 13 | | | | | | 170H | 240H | 260 | 290 | 300 | U310A | 310 | 315 | 315H | 300H | 285 | 260 | 240 | U200A | A | | | | |
| 14 | | | | | | 125 | 190 | A | U250A | 270 | 290 | 310H | 320 | 320 | 315H | 290 | 280H | 250H | U230A | 180H | 130 | | | |
| 15 | | | | | | 120 | 180H | 225 | 255 | U280A | 300A | U320A | I320A | 310 | 310 | 300 | U290A | 270 | 230 | 180 | 120 | | | |
| 16 | | | | E | E | 170 | 225H | 270H | U290A | 310 | U320A | 330 | 320 | 320 | 300 | 280 | 260H | 235H | U180A | A | | | | |
| 17 | | | | | | 140 | 185H | 230 | 250 | 270 | 290 | 300 | 300H | 300 | 290 | 270H | 255H | 220H | 180H | A | | | | |
| 18 | | | E | E | | 135 | U190A | U240A | 260H | 280 | 300H | 310 | 320 | 310H | 310 | 290 | 280H | 260H | 220 | 180 | 130 | E | E | |
| 19 | | E | E | | | U150A | 200H | 225 | 250 | 290 | 300H | 305 | 310 | 310 | 310 | 300 | 285H | 260 | 230 | 190 | C | | | |
| 20 | | | | | | A | U190A | A | A | A | 280 | U310A | I320A | 320 | 310 | 300 | 280 | 250 | 210 | U180A | A | | | |
| 21 | | | | | | 150 | 190 | 230 | 250 | 280 | 300 | 310 | 310 | 310 | 310 | 300 | 280 | 255 | 230H | U190A | A | | | |
| 22 | | | | | | A | 200 | 235H | 260 | 280 | 300H | U320A | 320 | 325 | 315H | 300 | 280 | 260H | 230H | 200H | A | | | |
| 23 | | | | 110 | | U160A | 200H | 235H | 260H | 280H | 300 | 310 | U310A | A | 320 | U310A | 290H | U270A | I240A | 200H | 160 | E | | |
| 24 | | | | | | A | A | 250 | 260 | 290 | U300A | A | A | U330A | A | A | A | A | A | A | A | | | |
| 25 | | | | | | 140 | A | A | A | 305 | 310 | A | A | A | A | U320A | U300A | U280A | U240A | A | A | | | |
| 26 | | | | | | 150H | 205H | 240 | 275H | 300H | 335 | 335 | U335A | U335A | 330 | 320H | 310H | 270H | U250A | A | A | | | |
| 27 | | | | | | 160H | 230H | 250H | 290H | 300 | 310 | I325A | 330A | 330 | U330A | 320H | 300H | 270 | 250H | A | A | | | |
| 28 | | | | | | 155H | 210H | 255 | 290A | 315H | 320 | 330 | 335 | 335 | 335 | 310 | 305 | 290 | 250 | U210A | 160 | E | | |
| 29 | | | | | | 170 | 210H | 250 | 280 | 300 | 330 | 330 | 350 | 340 | 350 | 330 | 300H | 280 | 250H | I205A | 160A | E | | |
| 30 | | | | | E | 175H | 220H | 255H | 280 | U310A | I335A | I340A | 340H | U340A | 330 | 320 | 310 | 280 | 260 | I215A | 160 | A | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | | E | E | E | | 145 | 180H | 230H | 260 | 290 | 305 | 320 | 320 | 325 | 320 | 305 | 290 | 260 | 230 | 180 | 155 | E | E | |
| Учтен | | 1 | 2 | 4 | | 16 | 26 | 27 | 28 | 29 | 29 | 28 | 27 | 27 | 27 | 28 | 29 | 29 | 28 | 22 | 10 | 4 | 2 | |
| В.КВ. | | | | 110 | | 160 | 200 | 240 | 270 | 300 | 320 | 330 | 335 | 330 | 330 | 320 | 300 | 270 | 240 | 200 | 160 | | | |
| Н.КВ. | | | | E | | 120 | 170 | 220 | 250 | 280 | 300 | 310 | 310 | 310 | 310 | 300 | 280 | 260 | 225 | 180 | 130 | | | |
| Д.КВ. | | | | | | 40 | 30 | 20 | 20 | 20 | 20 | 20 | 25 | 20 | 20 | 20 | 20 | 10 | 15 | 20 | 30 | | | |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

foEs 0.1 Мгц. апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена Даниловой.

широта 55°28'N долгота 37°19' E

Кем подсчитана

поясное время 30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| I | E | E | E | E | E | G | G | 27 | 27G | G | G | 30G | 31G | 32 | G | G | G | G | G | G | 22 | 18 | 20 | 16F |
| 2 | 20 | 18 | 19 | E | E | G | G | 23G | 29 | 30G | G | G | 30G | 15G | G | 30 | G | 23G | G | 13 | E | E | E | E |
| 3 | E | E | E | E | E | 19 | 23 | 26G | G | G | 33 | 40 | 34 | J41X | 35 | 25G | 30 | 20G | J35X | 16 | 18 | E | 18 | J21X |
| 4 | 16 | 12 | E | E | E | 18 | 24 | G | 26G | 31G | 33 | 33G | G | G | 20G | 19G | 21G | 13G | 16G | E12B | 14 | 13 | 16 | E12B |
| 5 | E | 12 | 14 | E11B | E12B | G | 13G | G | 22G | 25G | 32 | 32G | 30G | J31X | 30G | 36 | J31X | 29 | 23 | 20 | 14 | E11S | E | E |
| 6 | E | E | E | E | E11B | G | G | G | G | G | 33 | 33 | G | 22G | 21G | 15G | 18G | 18G | 17G | 12 | 14 | 16 | E | E |
| 7 | E | E | E | E | E | G | G | G | G | 31G | G | 33 | 27G | 24G | G | G | G | 12G | G | E11B | 17 | E | E12S | 19M |
| 8 | E12S | E | E | E | G | G | G | G | G | G | 33G | 34G | G | G | 33 | 21G | 13G | 23G | 17G | 13 | 16 | 17 | E12S | E12S |
| 9 | E12S | E | E | E | E | G | G | 27G | G | G | 33G | 34 | 33G | 35H | 30G | 25G | 23G | G | 18G | 11G | 12 | E | E | 20 |
| 10 | E | E | E | E | E | 14G | 22G | G | 27G | 31G | 32G | 34G | 34G | 33G | 21G | 17G | 15G | 13G | 21 | 14 | E | E | E | E16S |
| 11 | E | E | E | E | G | 19 | 22G | G | G | G | 31G | G | G | 31G | G | G | G | 24 | J23X | 20 | 17 | G | E | 13 |
| 12 | 13 | E | 19 | 20 | 18 | G | 23G | 26 | 30 | 37 | 34 | G | G | G | J43X | 29 | 27 | 24 | 17G | G | E12B | E16S | E12B | E12S |
| 13 | 18 | E13S | E | E | E12B | G | 22G | G | G | 32 | 32 | 32 | G | G | G | G | G | G | 20G | 18 | E12S | J39X | J23X | J23X |
| 14 | J23X | E11S | 17 | 15 | G | G | 23 | 31 | 30 | 31 | G | 31G | 33 | G | 31 | 33 | 28 | 25 | G | 14 | 17 | 18 | J25X | J50X |
| 15 | J56X | 51 | 12 | 13 | G | G | 23G | 29 | 31 | 30G | 32G | 33 | G | G | G | 29G | 27G | 25 | 17G | G | E | E12S | J21X | E |
| 16 | E | E | E | G | G | G | G | G | 30 | 31G | G | G | G | G | G | 28G | G | G | 24 | 14 | 17 | 12 | E | E12S |
| 17 | E | E | E | E | G | G | G | G | G | G | G | 25G | G | 23G | 22G | 28 | G | 11G | G | 16 | E | E | E | E |
| 18 | E | E | G | G | G | 24 | G | G | 29 | G | G | 29G | 31 | G | G | G | 14G | G | G | G | G | G | E | E |
| 19 | E | G | G | E | 16 | G | 23 | G | G | G | G | 31G | G | G | 31 | G | 13G | 15G | 20 | C | 20 | E | E | E |
| 20 | E | E | E | E | 18 | 19G | 26 | 34 | 38 | 31 | 31G | 36 | 31 | G | G | G | G | 31 | 20H | 20 | 22 | E16S | E16S | E14S |
| 21 | E | E | E12S | E | G | 19G | 23G | 28 | 31 | 30G | G | G | 31G | G | G | G | G | G | 22 | 21 | E | E | E | 11 |
| 22 | 45 | 20 | 12 | 20 | J33X | J39X | G | G | G | 32 | 32G | 31G | 32G | G | 32 | 30 | G | G | G | 16 | 14 | E | E | E |
| 23 | E | E | 11 | 11G | 17 | G | G | G | G | G | G | 34 | 38 | G | 35 | G | 32 | 28H | G | 18 | G | 12 | E | E |
| 24 | E | 14 | J21X | 18H | 23 | 23H | 25G | G | 30 | 31 | 32 | 34 | 33G | J36X | J35X | J64X | J98X | J88X | J89X | J66X | J75X | J33X | J40X | 45H |
| 25 | 16 | E13B | 12 | 14 | 15 | 24 | 27 | 32 | G | 37 | J51X | J52X | J43X | 34 | 39 | 35 | 37 | 30 | 26 | 27 | 22 | E | E | E |
| 26 | E | E | E11B | E | G | G | G | G | 31 | 35 | 34 | 40 | 34 | G | 27G | 32 | 28 | 31 | 26 | 18 | 11 | E | E | E12S |
| 27 | E | E | E | E | G | 22G | G | G | G | G | 36 | 33G | G | 33G | G | G | G | 25G | 26 | 19 | 12 | J24X | J24X | 17 |
| 28 | E | E | E | E | G | G | G | 30 | G | G | G | 29G | G | G | G | G | 29G | 25G | 23 | 16G | G | E | E | J21X |
| 29 | E11B | 11 | E | E11B | 18G | 22 | 25G | 28G | 32 | G | G | 37 | G | G | G | G | G | 25G | 23 | 17 | 13 | E | E | E |
| 30 | 12 | E | 14 | G | G | G | 28 | 34 | 35 | 36H | 34H | G | 43 | 24G | 28G | 32 | 30 | 28 | 29 | 19 | 13 | E | E | E |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| МЛД. | E | E | E | E | E14G | E18G | E23G | E26G | E29G | E30G | E32G | 33 | E32G | E32G | E30G | E29G | E26G | E23G | 20 | 16 | 14 | E | E | E12 |
| Учен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 |
| В.КВ. | 13 | 12 | 12 | 11 | 15 | 19 | E23 | 28 | 30 | 31 | 33 | 34 | 33 | E32 | 31 | 30 | 28 | 25 | 23 | 19 | 17 | 16 | 16 | 17 |
| Н.КВ. | E | E | E | E | E14 | E18 | 23 | E26 | E29 | E30 | 32 | 32 | 32 | 32 | 30 | 28 | E26 | 23 | E18 | 14 | G | E | E | E |
| Д.КВ. | - | - | - | - | DO1 | DO1 | O | DO2 | DO1 | DO1 | O1 | O2 | O1 | O | O1 | O2 | DO2 | O2 | DO5 | O5 | - | - | - | - |

Пробег частоты от 1.0 Мгц до 20.0 Мгц 30сек Станция

ГВЕС 0.1 МГц апрель 1973 год

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновом

широта 55°28'N долгота 37°19'E

Кем подсчитала

поясное время

30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|
| I | E | E | E | E | E | G | G | 27 | G | G | G | E32R | G | 32 | G | G | G | G | G | G | E | 16 | 13 | 15 |
| 2 | 13 | 13 | E | E | E | G | G | 23G | 27G | 30G | G | G | 30G | 15G | G | 25G | G | 23G | G | 12 | E | E | E | E |
| 3 | E | E | E | E | E | G | 23 | 26G | G | G | 33 | 39 | 34 | 37 | 34 | 25G | G | 20G | 34 | 15 | 15 | E | 16 | 15 |
| 4 | 14 | 12 | E | E | E | 18 | 21G | G | 26G | 31G | 33 | 33G | G | G | 20G | 19G | 21G | 13G | 16G | E12B | 13 | 13 | 13 | E12B |
| 5 | E | 12 | 14 | E11B | E12B | G | E17R | G | 22G | 25G | 32 | 32G | 29G | 28G | 28G | 29G | 26G | 29 | 22 | 17 | 14 | E11S | E | E |
| 6 | E | E | E | E | E11B | G | G | G | G | G | 33 | 33 | G | 22G | 21G | E18R | 18G | 18G | 14G | 12 | 14 | 16 | E | E |
| 7 | E | E | E | E | E | G | G | G | G | 31G | G | 33 | 27G | 24G | G | G | G | 12G | G | E11B | 16 | E | E12S | E12S |
| 8 | E12S | E | E | E | G | G | G | G | G | G | 33G | G | G | G | 33 | 21G | 13G | 23G | 16G | 13 | 16 | 15 | E12S | E12S |
| 9 | E12S | E | E | E | E | G | G | G | G | G | G | 34 | 33G | 33G | 29G | 25G | 22G | G | 18G | 11G | 12 | E | E | 11 |
| 10 | E | E | E | E | E | 14G | 22G | G | 27G | 31G | 32G | 33G | 33G | 27G | 21G | 17G | 15G | 13G | 21 | 14 | E | E | E | E16S |
| 11 | E | E | E | E | G | G | 21G | G | G | G | E32R | G | G | 31G | G | G | G | 24 | 20 | 20 | 12 | G | E | 11 |
| 12 | 11 | E | 12 | 13 | 13 | G | G | G | 30 | 34 | 33G | G | G | G | 37 | 29 | G | 24 | 17G | G | E12B | E16S | E12B | E12S |
| 13 | 16 | E13S | E | E | E12B | G | 22G | G | G | 32 | 32 | 32 | G | G | G | G | G | G | 20G | 18 | E12S | 34 | E | E12S |
| 14 | 12 | E11S | 15 | 11 | G | G | 23 | 27 | 30 | 31 | G | 31G | 30G | G | 31 | 33 | 28 | 23G | G | E | 15 | 12 | 18 | A |
| 15 | 16 | 13 | E | E | G | G | 22G | 26 | 31 | 30G | 32G | 33 | G | G | G | 29G | 27G | 25 | 17G | G | E | E12S | 14 | E |
| 16 | E | E | E | G | G | G | G | G | 29G | 31G | G | G | G | G | G | G | G | G | 24 | 14 | 16 | 12 | E | E12S |
| 17 | E | E | E | E | G | G | G | G | G | G | G | 25G | G | 23G | 16G | 28 | G | 11G | G | 16 | E | E | E | E |
| 18 | E | E | G | G | G | 19G | G | G | 29 | G | G | 29G | G | G | G | G | 14G | G | G | G | G | G | E | E |
| 19 | E | G | G | E | 16 | G | G | G | G | G | G | 31G | G | G | 30G | G | 13G | 14G | 14G | C | 15 | E | E | E |
| 20 | E | E | E | E | 16 | 19G | 24 | 33 | 34 | G | 31G | 35 | 31 | G | G | G | G | 27 | 20 | 17 | 16 | E16S | E16S | E14S |
| 21 | E | E | E12S | E | G | 18G | 22G | 26 | 30 | 30G | G | G | 31G | G | G | G | G | G | 22 | 19 | E | E | E | 11 |
| 22 | 14 | E12S | 11 | 12 | 18 | 19G | G | G | G | 31 | 32G | 31G | 32G | G | 32 | 30 | G | G | G | 16 | 14 | E | E | E |
| 23 | E | E | 11 | G | 16G | G | G | G | G | G | G | 33 | 37 | G | 31G | G | 30 | 26 | G | 16G | G | 12 | E | E |
| 24 | E | 12 | 12 | 11 | 22 | 22 | 24G | G | G | 31 | 32 | 33 | 33G | 35 | 34 | 55 | A | 30 | 53 | 54 | 35 | 25 | 34 | 24 |
| 25 | 14 | E13B | 11 | 13 | 14G | 22 | 25 | 29 | G | 32 | 42 | 45 | 41 | 33 | 35 | 34 | 34 | 29 | 26 | 24 | 14 | E | E | E |
| 26 | E | E | E11B | E | G | G | G | G | 31 | 35 | 34 | 39 | 34 | G | 27G | 32 | 28 | 30 | 26 | 17 | 11 | E | E | E12S |
| 27 | E | E | E | E | G | G | G | G | G | G | 34 | 33G | G | 33G | G | G | G | G | 26 | 18 | 12 | 12 | E | 13 |
| 28 | E | E | E | E | G | G | G | 30 | G | G | G | 29G | G | G | G | G | 29G | G | 22 | 15G | G | E | E | 16 |
| 29 | E11B | 11 | E | E11B | 18G | 22 | 25G | 28G | 31 | G | G | 33G | G | G | G | G | G | G | 23 | 16G | E | E | E | E |
| 30 | 11 | E | 11 | G | G | G | 28 | 34 | 35 | 36 | 34 | G | 41 | 24G | 25G | 32 | 30 | G | 29 | 15G | 12 | E | E | E |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Мед. | E | E | E | E | E14G | E18G | E23G | E26G | E29G | E30G | E32G | E32G | E32G | E32G | E30G | E29G | E26G | E23G | 20 | E16G | 12 | E | E | E12 |
| Учтен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Дробег частотн от 1.0 Мгц до 20.0 Мгц 30сек Станция

Автоматическая

f min 0.1 МГц апрель 1973 г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновой

широта 55°28'N долгота 37°19' E

Кем подсчитана

поясное время

30° E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|------|------|
| I | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 13 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 13 | 11 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 13 | 12 | 13 | 13 | 12 | 13 | 10 | 15 | 14 | 16 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3 | 10 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 15 | 14 | 14 | 15 | 16 | 17 | 15 | 14 | 12 | 12 | 10 | 10 | 10 | 10 | 10 | 10 |
| 4 | 10 | 10 | 10 | 10 | 10 | 11 | 13 | 13 | 14 | 13 | 14 | 15 | 14 | 12 | 16 | 12 | 10 | 10 | 12 | 12 | 10 | 10 | 10 | 12 |
| 5 | 10 | 10 | 10 | 11 | 12 | 16 | 12 | 15 | 14 | 13 | 12 | 13 | 14 | 12 | 10 | 12 | 11 | 11 | 10 | 10 | 10 | E11S | 10 | 10 |
| 6 | 10 | 10 | 10 | 10 | 11 | 12 | 16 | 14 | 15 | 13 | 13 | 12 | 16 | 12 | 12 | 11 | 12 | 11 | 10 | 10 | 10 | E12S | 10 | 10 |
| 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 13 | 13 | 12 | 10 | 16 | 12 | 10 | 10 | 14 | 10 | 11 | 11 | 10 | 10 | E12S | E12S |
| 8 | E12S | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 14 | 17 | 13 | 16 | 13 | 13 | 13 | 12 | 10 | 10 | 10 | 10 | 12 | 13 | E12S | E12S |
| 9 | E12S | 10 | 10 | 10 | 10 | 11 | 10 | 12 | 11 | 12 | 13 | 13 | 14 | 13 | 13 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 12 | 14 | 22 | 15 | 13 | 14 | 12 | 10 | 13 | 10 | 10 | 10 | 10 | E16S |
| 11 | 10 | 10 | 10 | 10 | 10 | 16 | 12 | 10 | 25 | 21 | 27 | 20 | 23 | 14 | 22 | 14 | 14 | 12 | 12 | 12 | 10 | 10 | 10 | 10 |
| 12 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 13 | 12 | 11 | 13 | 14 | 12 | 13 | 11 | 13 | 12 | 12 | 10 | 12 | E16S | 12 | E12S |
| 13 | 10 | E13S | 10 | 10 | 12 | 12 | 12 | 13 | 14 | 16 | 16 | 14 | 14 | 14 | 14 | 14 | 13 | 12 | 11 | 10 | E12S | 10 | 10 | E12S |
| 14 | 10 | E11S | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 14 | 15 | 13 | 14 | 13 | 13 | 13 | 11 | 10 | 10 | 10 | 10 | 10 | 10 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 13 | 14 | 11 | 10 | 12 | 11 | 12 | 11 | 10 | 10 | E12S | E12S | 10 |
| 16 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 10 | 12 | 13 | 12 | 14 | 14 | 13 | 11 | 12 | 10 | 12 | 11 | 10 | 10 | 10 | 10 | E12S |
| 17 | 10 | 10 | 10 | 10 | 10 | 13 | 12 | 13 | 12 | 12 | 12 | 11 | 12 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 12 | 10 | 12 | 13 | 12 | 18 | 12 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 10 |
| 19 | 10 | 10 | 10 | 10 | 10 | 12 | 10 | 11 | 12 | 12 | 12 | 12 | 13 | 13 | 12 | 10 | 10 | 10 | 10 | C | E12S | 10 | 10 | 10 |
| 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 13 | 12 | 12 | 10 | 12 | 12 | 10 | 13 | 13 | 12 | 10 | 13 | 12 | E12S | E16S | E16S | E14S |
| 21 | 10 | 10 | E12S | 10 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 12 | 12 | 12 | 13 | 12 | 12 | 10 | 11 | 10 | 10 | 10 | 10 | 10 |
| 22 | 10 | E12S | 10 | 10 | 10 | 13 | 13 | 13 | 12 | 13 | 14 | 14 | 12 | 13 | 12 | 13 | 10 | 13 | 10 | 12 | 10 | 10 | 10 | 10 |
| 23 | 10 | 10 | 10 | 10 | 10 | 14 | 12 | 13 | 13 | 14 | 15 | 13 | 15 | 15 | 12 | 12 | 12 | 13 | 10 | 12 | 10 | 10 | 10 | 10 |
| 24 | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 11 | 12 | 13 | 12 | 13 | 13 | 12 | 10 | 10 | 13 | 13 | 12 | 10 | 10 | 10 | 10 | 12 |
| 25 | 10 | 13 | 10 | 10 | 12 | 13 | 13 | 14 | 12 | 14 | 13 | 14 | 14 | 13 | 12 | 10 | 10 | 10 | 10 | 10 | E12S | 10 | 10 | 10 |
| 26 | 10 | 10 | 11 | 10 | 10 | 11 | 12 | 10 | 12 | 21 | 12 | 14 | 12 | 10 | 10 | 10 | 12 | 12 | 13 | 10 | 10 | 10 | 10 | E12S |
| 27 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 12 | 12 | 12 | 13 | 14 | 13 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 10 | 10 | 10 | 10 |
| 28 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 11 | 12 | 13 | 13 | 13 | 14 | 12 | 12 | 12 | 12 | 12 | 13 | 10 | 10 | 10 | 10 |
| 29 | 11 | 10 | 10 | 11 | 10 | 12 | 12 | 10 | 12 | 19 | 14 | 12 | 14 | 22 | 15 | 13 | 12 | 10 | 10 | 14 | 10 | 10 | 10 | 10 |
| 30 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 26 | 16 | 14 | 14 | 13 | 14 | 14 | 12 | 11 | 13 | 13 | 12 | 10 | 10 | 10 | 10 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 10 |
| Учен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| И.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

M(3000)F2 0.01 апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена Даниловой.

Широта 55°28'N долгота 37°19'E

Кем подсчитана

поясное время 30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|-------|------|------|------|-------|------|
| I | 250F | 260F | 275F | 285F | 270F | 280 | 290 | 280 | 280 | 280 | 290 | 300 | 290 | 290 | 290 | 290 | 300F | 290 | 330 | F | 260 | 230F | 240F | 245F |
| 2 | 240F | 230F | U215F | 220F | 220F | 270 | 300 | G | G | G | G | G | G | G | 240 | 235 | G | 300 | 290 | 270F | 260F | 260F | 260F | 280F |
| 3 | 280F | 255 | 270 | 250F | 270F | 310 | 295 | 310 | 320 | 310 | 310 | 330 | 320 | 320 | 310 | 320 | 310 | 310 | 320 | 320 | 300 | 290F | 290F | 270F |
| 4 | 270F | 270F | 250F | 270F | 280F | 310 | 320 | 290 | 310 | 305 | 320 | 300 | 300 | 320 | 320 | 305 | 320 | 310 | 300 | 310 | 315 | 300 | 280F | 280F |
| 5 | 290F | 280F | 280F | 270F | 265F | 310 | 310 | 310 | 300 | 300 | 290 | 310 | 305 | 310 | 320 | 310 | 310 | 320 | 300 | 300 | 300 | 300 | 300 | 270F |
| 6 | 280F | U270F | 290 | 270F | 270 | 300 | 290 | 290 | 290 | 300 | 300 | 305H | 300 | 305 | 305 | 310 | 305 | 325 | 320 | 310 | 300 | 310F | 285 | 285F |
| 7 | 280 | 280 | 270 | 260F | 290F | 315 | 320 | 320 | 310 | 320 | 310 | 300 | 310 | 310 | 310 | 320 | 320 | 315 | 310 | 310 | 295 | 295 | 290 | 285 |
| 8 | 290 | 280 | 270F | 270F | 285F | 320 | 320 | 310 | 325F | 330 | 300V | 320 | 290 | 285 | 295 | 320 | 310 | 330 | 320 | 290 | 300 | 295 | 270 | 275 |
| 9 | 290 | 270 | 260 | 280 | 280 | 285 | 300 | 330 | 325 | 300H | 310H | 315 | 320 | 330 | 320 | 315 | 320 | 310 | 320 | 310 | 310 | 290 | 290 | 280 |
| 10 | 270 | 280 | 280 | 280 | 265 | 300 | 305 | 310 | 315 | 300 | 300 | 310 | 315 | 300 | 305 | 310 | 320 | 310 | 310 | 310 | 315 | 310 | 295 | 280 |
| 11 | 280 | 275 | 270 | 265 | 275 | 290F | 330 | 300 | 300 | 280 | 270F | 280 | 285 | 290 | 290 | 295 | 320 | 310 | 310 | 280 | 270F | 280 | 275 | 280 |
| 12 | 270F | 280F | 250F | 270F | 270F | 280F | 260 | 245 | 215 | 280 | 280 | 290 | 290H | 310 | 305 | 320 | 320 | 300 | 300 | 300 | 300 | 290 | 300F | 280 |
| 13 | 290 | 280F | 270F | 280F | 275 | 305H | 290 | 300 | 300 | 290 | 280 | 280 | 275 | 270 | 270 | 280 | 280 | 300H | 300 | 300 | 280 | 290 | 270 | 270 |
| 14 | 250 | 250 | 260F | 260F | 280 | 310 | 280H | G | 230 | 255 | 255 | 275 | 250 | 255 | 285 | 310 | 280 | 280 | 280 | 280 | 300 | 305 | 300 | A |
| 15 | 250 | 275 | 270F | 260F | 270F | 300F | 320 | 330 | 330 | 330 | 330 | 310 | 290 | 310 | 310 | 310 | 330 | 310 | 330 | 310 | 300 | 300 | 290 | 290 |
| 16 | 295 | 280 | 280 | 290 | 290 | 265 | 270 | 310 | 300 | 280V | 265 | 290 | 280 | 290 | 300 | 330 | 310 | 310 | 300F | 300 | 285 | 240F | 240F | 245F |
| 17 | 260F | 280F | 240F | 250F | 285 | 285 | 310 | 260 | 265 | 240 | 245 | 280 | 260 | 290 | 255 | 300 | 300 | 280 | 320 | 310 | 310 | 300 | 265F | 250F |
| 18 | 280F | 290F | 290F | 280F | 300F | 320 | 340 | 310 | 290 | 315 | 300 | 310 | 300 | 290 | 315 | 310 | 310 | 325 | 330 | 295 | 270 | 280F | 280F | 270F |
| 19 | 265F | 280 | 270F | 270 | 310 | 305 | 330 | G | 290 | 290 | 300 | 310 | 320 | 280H | 320 | 320 | 320 | 310 | 320 | C | 330F | 290F | 275F | 270F |
| 20 | 250F | 270F | 270F | 300F | 300F | 330 | G | G | 270 | 280 | 270 | 290 | 300 | 295 | 305 | 320 | 310 | 310 | 320 | 290 | 295 | 265H | 260F | 275F |
| 21 | 270F | U265S | U250F | 220F | 270F | 305 | 330F | 255 | 270 | 260 | 255 | 245 | 260 | 270 | 290 | 280 | 300 | 320 | 290 | 300 | 280 | 290 | 280 | 255F |
| 22 | 270F | U270F | 270F | 250 | 270F | 310 | 220W | 240 | G | G | 240 | 210 | 260 | 280 | 260 | 290 | 295 | 290 | 285 | 300 | 285 | 290F | 280 | 290F |
| 23 | 270 | 270 | 265 | 260F | 290 | 310 | G | 220W | 280 | 275 | 295 | 280 | 310 | 300 | 300 | 300 | 300 | 320 | 310 | 300 | 300 | 300F | 300F | 290F |
| 24 | 280 | 280 | 280F | 280F | 340F | 320 | 290 | 285 | 285 | 290 | 290H | 305 | 290 | 315 | 305 | 310 | A | 310 | U305C | 305 | 300 | 305 | 315 | 290 |
| 25 | 300 | 280 | 275F | 270F | 300F | 340 | 310H | 290 | 300H | 310 | 295 | 320 | 300F | 310 | 310 | 300 | 300 | 290 | 300 | 285 | 310 | 295 | U270F | 280F |
| 26 | 285F | 265F | 250 | 270 | 270 | G | G | 280H | 295 | 295H | 295 | 300 | 295 | 320 | 315 | 310 | 315 | 310 | 300 | 290 | 310 | 300 | 290F | 270 |
| 27 | 250F | 255F | 260F | 270F | 300F | G | G | 260 | 270 | 285 | 285 | 290H | 300 | 290 | 295 | 295 | 310H | 295 | 310 | 300F | 300F | 295F | 295F | 290F |
| 28 | 280F | 280F | 270F | 280F | 290 | 305 | 295H | 310 | 290 | 310 | 310 | 320 | 300 | 310 | 310 | 270 | 300 | 300 | 305 | 315 | 290F | 300 | 310F | 285F |
| 29 | 280F | 270F | 280F | 290F | 310F | 300 | 310 | 240 | 210 | 240 | 280 | 230 | 240 | 260 | 265 | 250 | 280 | 270 | 290 | 300 | 280 | 290 | 280 | 250F |
| 30 | 250F | 260 | 260F | U270F | 300 | 290 | 310 | 290F | 290H | 285F | 290 | 300 | 285 | 285 | 310 | 305 | 315 | 305 | 310 | 310 | 280 | 280 | 280 | 270F |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | 275F | 270F | 270F | 270F | 280F | 305 | 300 | 290 | 290 | 290 | 290 | 300 | 290 | 290 | 305 | 310 | 310 | 310 | 310 | 300 | 300 | 290 | 280F | 280F |
| Учен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 28 | 30 | 30 | 30 | 29 |
| В.КВ. | 280 | 280 | 275 | 280 | 300 | 310 | 320 | 310 | 300 | 305 | 300 | 310 | 300 | 310 | 310 | 315 | 320 | 310 | 320 | 310 | 300 | 300 | 295 | 285 |
| Н.КВ. | 260 | 265 | 260 | 260 | 270 | 285 | 280 | 245 | 270 | 280 | 270 | 280 | 280 | 285 | 290 | 295 | 300 | 300 | 300 | 290 | 280 | 290 | 270 | 270 |
| М.КВ. | 20 | 15 | 15 | 20 | 30 | 25 | 40 | 65 | 30 | 25 | 30 | 30 | 20 | 25 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 15 | 15 |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

М(3000)Ф1 0.01, апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Даниловой.

Широта 55°28'N долгота 37°19'E

Кем подсчитала

поясное время 30⁰ E

| Дата | 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 | | | | | | | | U320L | 330H | 340H | 350H | 340 | 330H | 330 | 330H | 340 | L | L | | | | | | |
| 2 | | | | | | | L | 305 | 350 | 345H | 360H | 360 | 345H | 340 | 335 | 350 | 330 | | | | | | | |
| 3 | | | | | | | | 320 | U350L | U350L | 350 | U365L | U365L | L | L | L | L | L | | | | | | |
| 4 | | | | | | | L | U325L | 345 | 340H | 355 | 350H | 360 | 355 | U370L | L | L | L | | | | | | |
| 5 | | | | | | | L | L | 330H | 345 | 360H | 350H | 365 | 365H | U365L | L | L | | | | | | | |
| 6 | | | | | | | | U325L | 345H | 340H | 350 | 350 | 350H | 360 | U370L | 370 | U360L | L | L | | | | | |
| 7 | | | | | | | L | U360L | U350L | 350 | U350L | U340L | U350L | U360L | U360L | L | L | | | | | | | |
| 8 | | | | | | | L | L | U360L | U375L | 360 | 360H | U375L | L | L | U360L | L | L | | | | | | |
| 9 | | | | | | | L | 330 | L | L | L | L | U365L | U360L | L | L | L | | | | | | | |
| 10 | | | | | | | L | L | U345L | 355 | 370H | U360L | U370L | L | L | L | L | | | | | | | |
| 11 | | | | | | | L | 350 | U370L | U340L | 330 | U340L | 360 | U330L | U340L | 350L | U360L | L | | | | | | |
| 12 | | | | | | | U300L | 335 | 370 | 370 | 365 | 355 | 365 | 345H | 345 | 345 | 345 | U340L | L | | | | | |
| 13 | | | | | | | | L | U340L | 345 | 340H | 360H | 360H | 330 | 335 | U340L | L | L | | | | | | |
| 14 | | | | | | | | 355 | 330 | 360 | 355 | 330H | 345H | 325H | 350H | 340 | 350 | U330L | U330L | L | | | | |
| 15 | | | | | | | L | L | U350L | 360 | 360 | U360L | U350L | U340L | U320L | L | L | L | | | | | | |
| 16 | | | | | | L | 340 | 340H | 345H | 340H | 330 | 330 | 335 | 340 | 355 | 340 | U360L | L | | | | | | |
| 17 | | | | | | | | 330H | 360 | 360 | 360 | 385H | 370 | 360 | 360 | 350H | U350L | U320L | L | | | | | |
| 18 | | | | | | | | L | 340H | 375 | 355H | 345H | 370H | 340H | 380 | 370H | 370H | L | | | | | | |
| 19 | | | | | | | | 340 | 330 | 350 | 360 | 350H | 350H | U320L | 340 | U355L | U350L | L | | | | | | |
| 20 | | | | | | L | 350 | 330A | 340 | 360H | 380 | 360 | 360 | 355 | 345 | 350 | U355L | L | | | | | | |
| 21 | | | | | | | L | 350 | 350 | 350 | 380H | 360H | 360H | 350 | 340 | 325H | 350H | L | | | | | | |
| 22 | | | | | | | 340 | 350 | 340 | 350 | 350H | 350H | 355H | 340H | 350H | 350H | 340 | L | | | | | | |
| 23 | | | | | | | 340 | 350H | 340H | 360H | 355 | 355 | 360 | 360 | 340H | 350 | U350L | L | | | | | | |
| 24 | | | | | | | L | 330 | 330H | 370 | 340H | 375 | 365H | 350 | U360L | A | A | L | | | | | | |
| 25 | | | | | | | U340L | 330 | 360 | 360H | A | A | A | 355 | 330 | U350L | L | L | L | | | | | |
| 26 | | | | | | 290 | 330 | 340H | 325 | 360 | 360H | 355 | 350 | 355 | U350L | U340L | U345L | L | | | | | | |
| 27 | | | | | | 325 | 320 | 330 | 340 | 345 | 350 | 360H | 345H | 360 | 340 | U340L | U360L | L | | | | | | |
| 28 | | | | | | | L | U350L | U340L | 345 | 370 | 350 | U360L | U350L | U350L | L | U340L | U360L | L | | | | | |
| 29 | | | | | | L | L | 340H | 340 | 350 | 370H | 370 | 370 | 360 | 340 | 340 | 320 | U320L | L | | | | | |
| 30 | | | | | | | L | U350L | U350L | 360H | 350H | 350H | 345 | 350 | 370 | U345L | U350L | L | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Мед. | | | | | | | U300 | 340 | 340 | 345 | 350 | 355 | 355 | 360 | 350 | 345 | 350 | U350 | U325 | | | | | |
| Учен | | | | | | | 3 | 10 | 24 | 29 | 29 | 28 | 28 | 28 | 27 | 21 | 17 | 4 | 4 | | | | | |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 Мгц до 20.0 Мгц 30сек Станция

№ Ф км апрель 1973 г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновой

широта 55°28'N долгота 37°19'E

Кем подсчитана

поясное время 30°E

| Дата | 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 | 350 | 305 | 305 | 300 | E310E | 300 | 275 | 270 | 255H | 230H | 215H | 205 | 205H | 235 | 235H | 240 | 235 | 250 | 250 | U315F | E430E | 415 | 450 | 400 |
| 2 | 430 | 415 | E400E | E430E | E425E | 375 | 295 | 295 | 250 | 240H | 210H | 215 | 200H | 240 | 245 | 245 | 245 | 270 | 295 | 295 | 300 | 325 | 320 | 300 |
| 3 | E300E | E330E | E400E | E430E | E330E | 290 | 250 | 220 | 210 | 205 | 205 | E240A | 200 | E245A | E235A | 225 | 225 | 230 | 250 | 230 | 235 | 260 | 260 | E300A |
| 4 | 315 | 305 | 305 | E300E | E290E | 270 | 240 | 205H | 230 | 200H | 205 | 200H | 210 | 205 | 220 | 230 | 230 | 230 | 235 | 245 | 225 | 230 | 275 | 285 |
| 5 | 300 | 300 | 295 | 305 | 300 | 290 | 235 | 225 | 210H | 205 | 200H | 200H | 205 | 200H | 215 | 225 | 230 | E250A | 260 | 250 | 250 | 240 | 250 | 255 |
| 6 | 295 | 295 | 275 | E285E | 290 | 275 | 240 | 225H | 200H | 210 | 205 | 210H | 205 | 210 | 200 | 230 | 230 | 240 | 240 | 225 | 225 | 240 | 260 | 280 |
| 7 | 280 | 290 | 290 | 300 | 270 | 240 | 245 | 230 | 230 | 215 | 210H | 200H | 195H | 220H | 215 | 215 | 215 | 240 | 240 | 230 | 235 | 240 | 240 | 270 |
| 8 | 275 | 270 | 270 | 280 | 275 | 255 | 230 | 240 | 220 | 220 | 200 | 200H | 215 | 210 | 220H | 220 | 215 | 225 | 225 | 235 | 240 | 245 | 275 | 295 |
| 9 | 275 | 290 | 295 | 290 | 280 | 275 | 240 | 240 | 210 | 215H | 215H | 210 | 205 | 205 | 210 | 210 | 230 | 245 | 235 | 225 | 220 | 225 | 250 | 265 |
| 10 | 285 | 295 | 280 | 280 | 280 | 280 | 250 | 225 | 210H | 205 | 205H | 200H | 200H | 200H | 205H | 225H | 245 | 240 | 240 | 220 | 230 | 225 | 230 | E275S |
| 11 | 260 | 280 | 295 | 280 | 280 | 255 | 220 | 225 | 225 | 205 | 215 | 215 | 220 | 245 | 230 | 230 | 225 | 250 | 240 | 265 | 255 | 265 | 270 | E255A |
| 12 | E285A | E295E | E305A | 330 | 330 | 285 | 225 | 230 | 210 | 205 | 200 | 200 | 200H | 210 | E250A | 220 | 230 | 250 | 270 | 250 | 250 | E275S | 260 | E280S |
| 13 | E300A | 300 | 295 | 295 | 290 | 260H | 250 | 230H | 215 | 230 | 210H | 210H | 200H | 225 | 230 | 230 | 250 | 235 | 250 | 260 | 265 | E350A | 290 | 295 |
| 14 | 320 | 335 | E360A | 325 | 320 | 280 | 235 | E250A | 235 | 250 | 245H | 225H | 210H | 205H | 245 | 240 | 240 | 260 | 290 | 295 | 260 | 240 | E300A | A |
| 15 | E380A | E315A | E330E | E340E | 310 | 270 | 245 | 230 | 225 | 215 | 210 | 210 | 220 | 200 | 210H | 240 | 245 | 240 | 240 | 230 | 240 | 240 | 250 | 260 |
| 16 | 260 | 265 | 280 | 275 | 300 | 260 | 250 | 230H | 225H | 220H | 200 | 230 | 230 | 235 | 230 | 235 | 235 | 245 | 280 | 275 | E300A | 305 | E330E | E350S |
| 17 | E300E | 305 | E380E | E350E | 330 | 290 | 260 | 230H | 220 | 205 | 200 | 200H | 210 | 210 | 205 | 205H | 205H | 250 | 265 | 250 | 235 | 260 | E300E | E320E |
| 18 | E340E | 310 | 300 | E355E | 305 | 275 | 235 | 225H | 210H | 210 | 205H | 200H | 200H | 205H | 215 | 215H | 210H | 225 | 260 | 250 | 240 | 260 | 240 | 295 |
| 19 | 280 | 290 | 305 | E300E | 300 | 250 | 235 | 230 | 210 | 205 | 205 | 205H | 205H | 230H | 205 | 215 | 220 | 230 | 250 | I245C | 240 | 255 | 270 | E320E |
| 20 | E330E | E360E | E350E | 315 | E290A | 250 | 230 | E305A | E300A | 190H | 205 | 220 | 225 | 205 | 225 | 220 | 220 | 265 | 275 | 260 | 250 | E300SE | E370S | E345S |
| 21 | E335E | E400E | E440S | 380 | 300 | 255 | 230 | 230 | 230 | 235 | 205H | 205H | 200H | 230 | 230 | 230H | 240H | 250 | 280 | 265 | 260 | 280 | 300 | E315A |
| 22 | E450A | E400S | E400A | E380A | E350A | 290 | 245 | 235 | 245 | 205 | 205H | 205H | 200H | 200H | 220H | 205H | 230 | 225H | 275 | 290 | 280 | 250 | 275 | 275 |
| 23 | 305 | 305 | 310 | 355 | 305 | 275 | 235 | 220H | 220H | 215H | 200 | 200 | E245A | 210 | 205H | 230 | E245A | 235 | 285 | 265 | 250 | 240 | 235 | 280 |
| 24 | 300 | 305 | 305 | 300 | 275 | 255 | 250 | 225 | 205H | 205 | 215H | 205 | 200H | 210 | 230 | A | A | E260A | E340A | E315A | E300A | E285A | E300A | E300A |
| 25 | 280 | 300 | 295 | E300A | 290 | 245 | 240 | 220 | 205 | 200H | E265A | A | E270A | 210 | E235A | E245A | E270A | E250A | E280A | 255 | 250 | 255 | 285 | 280 |
| 26 | 295 | 305 | 340 | 300 | 310 | 295 | 250 | 250H | 235 | 225 | 205H | 240 | 230 | 225 | 220H | 220 | 245 | E255A | 270 | 260 | 250 | 250 | 260 | 280 |
| 27 | E335E | 315 | 300 | 350 | 290 | 275 | 260 | 230 | 225 | 200 | 230 | 205H | 215H | 210H | 230H | 215H | 215H | 250 | 275 | 260 | 245 | 255 | 255 | 260 |
| 28 | 270 | 300 | E300E | 305 | 285 | 255 | 230 | 240 | 225 | 235 | 215 | 205 | 205 | 215 | 215H | 220 | 245 | 240 | 250 | 240 | 250 | 240 | 225 | 300 |
| 29 | 300 | 305 | 300 | 305 | 300 | 230 | 250 | 250H | 235 | 220 | 205H | 225 | 215 | 240 | 235 | 225 | 240 | 245 | E285A | 280 | 255 | 275 | 270 | 315 |
| 30 | 350 | 305 | 310 | 305 | 295 | 255 | 235 | 240 | 230H | 230H | 205H | 210H | E265A | 220 | 215 | 225 | 235 | 245 | 250 | 250 | 260 | 275 | 275 | 280 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | 290 | 300 | 300 | 300 | 295 | 270 | 240 | 230 | 225 | 210 | 205H | 205 | 205 | 210 | 220 | 225 | 230 | 240 | 260 | 250 | 250 | 250 | 265 | 280 |
| Учтен | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 29 |
| В.КВ. | 315 | 310 | E340 | 325 | 305 | 285 | 250 | 240 | 230 | 225 | 215 | 215 | 220 | 230 | 230 | 230 | 245 | 250 | 280 | 265 | 260 | 265 | 280 | E300 |
| Н.КВ. | 280 | 295 | 295 | 290 | 285 | 255 | 235 | 225 | 210 | 205 | 205 | 200 | 200 | 205 | 210 | 220 | 220 | 235 | 240 | 240 | 240 | 240 | 250 | 270 |
| М.КВ. | 35 | 15 | D45 | 35 | 20 | 30 | 15 | 15 | 20 | 20 | 10 | 15 | 20 | 25 | 20 | 10 | 25 | 15 | 40 | 25 | 20 | 25 | 30 | D30 |

Диапазон частот от 1.0 МГц до 20.0 МГц 30сек Станция

h'F2 Км апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена Даниловой.

Широта 55°28'N долгота 37°19'E

Кем подсчитала

поясное время 30°E

| Дата | 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 | | | | | | | | 415 | 405 | 410 | 395 | 365 | 385 | 365 | 340 | 330 | 290 | 260 | | | | | | |
| 2 | | | | | | | 310 | G | G | G | G | G | G | G | 600G | 625G | G | | | | | | | |
| 3 | | | | | | | | 325 | 305 | 305 | 305 | 270 | 290 | 280 | 280 | 275 | 270 | 250 | | | | | | |
| 4 | | | | | | | 300 | U325L | 295 | 280 | 300 | 305 | 300 | 275 | 280 | 280 | 250 | 240 | | | | | | |
| 5 | | | | | | | 255 | 230 | 340 | 315 | 330 | 295 | 305 | 290 | 285 | 285 | 285 | | | | | | | |
| 6 | | | | | | | U350L | 345 | 325 | 325 | 320 | 305H | 300 | 290 | 305 | 300 | 280 | 260 | | | | | | |
| 7 | | | | | | | 290 | 300 | 300 | 270 | 295 | 300 | 285 | 305 | 285 | 270 | 255 | | | | | | | |
| 8 | | | | | | | 260 | 260 | 270 | 255 | 290 | 290 | 260 | 290 | 295 | 270 | 260 | 230 | | | | | | |
| 9 | | | | | | | 290 | 265 | 265 | 255H | 260H | 280 | 285 | 270 | 260 | 260 | 260 | | | | | | | |
| 10 | | | | | | | 290 | U290L | 290 | 285 | 285 | 295 | 280 | 275 | 270 | U265L | 255 | | | | | | | |
| 11 | | | | | | | 260 | 305 | 280 | 320 | 355 | 300 | 300 | 300 | 290 | 280 | 260 | 255 | | | | | | |
| 12 | | | | | | 405 | 480G | 560G | 700G | 440G | 410G | 395 | 350H | 320 | 310 | 300 | 300 | 285 | | | | | | |
| 13 | | | | | | | | 315 | 320 | 365 | 360 | 345 | 340 | 360 | 330 | 295 | 300 | 240H | | | | | | |
| 14 | | | | | | | 390H | G | 600G | 450 | 470 | 410 | 520 | 500 | 400 | 340 | 400 | 375 | 305 | | | | | |
| 15 | | | | | | | 260 | 270 | 265 | 275 | 290 | 295 | 300 | 300 | 305 | 275 | 255 | 245 | | | | | | |
| 16 | | | | | | U400L | 390 | 300 | 310 | 310 | 360 | 310 | 310 | 300 | 280 | 250 | 280 | 255 | | | | | | |
| 17 | | | | | | | | 500G | 460 | 560G | 560G | 430 | 470 | 400 | 515 | 365 | 335 | 345 | 275 | | | | | |
| 18 | | | | | | | | 330 | 400 | 325 | 345 | 305 | 325 | 340 | 300 | 310 | 295 | 250 | | | | | | |
| 19 | | | | | | | | G | 380 | 390 | 345 | 305 | 300 | 415H | 305 | 280 | 285 | 265 | | | | | | |
| 20 | | | | | | 270 | 480G | G | 490G | 440G | 460G | 400 | 330 | 350 | 340 | 300 | 300 | 275 | | | | | | |
| 21 | | | | | | | L | 525G | 500G | 530G | 555G | 545G | 495G | 465 | 390G | 430 | 350 | U290L | | | | | | |
| 22 | | | | | | | 650G | 575G | G | G | 570G | 640G | 490G | 450 | 500 | 410 | 400 | U305L | | | | | | |
| 23 | | | | | | | G | 720G | 425 | 430 | 390 | 400 | 345 | 325 | 345 | 305 | 305 | 265 | | | | | | |
| 24 | | | | | | | U310L | 395 | 395 | 380 | 380H | 325 | 330 | 320 | 300 | E340A | | 275 | | | | | | |
| 25 | | | | | | | 305H | 335 | 300H | 325 | 305 | 300 | 320 | 315 | 305 | 315 | 315 | 290 | 285 | | | | | |
| 26 | | | | | | G | G | 405H | 340 | 405H | 355 | 360 | 340 | 300 | 300 | 300 | 300 | 260 | | | | | | |
| 27 | | | | | | G | G | 500 | 425 | 400 | 355 | 305H | 330 | 325 | 330 | 310 | 290 | 305 | | | | | | |
| 28 | | | | | | | U260L | 305 | 335 | 290 | 295 | 300 | 320 | 315 | 305 | U300L | 315 | 275 | 285 | | | | | |
| 29 | | | | | | 315 | 360 | 600G | 725G | 540G | 420 | 610G | 550 | 500 | 470 | 535G | 400 | U380L | 310 | | | | | |
| 30 | | | | | | | U275L | 320 | 320H | 305 | 305 | 330 | 320 | 335 | 305 | 300 | 290 | 275 | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММ. | | | | | | 400 | 310 | 340 | 340 | 345 | 355 | 310 | 320 | 320 | 305 | 300 | 290 | 265 | 285 | | | | | |
| Учен | | | | | | 6 | 23 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 25 | 5 | | | | | |
| В.КВ. | | | | | | G | 480 | 560 | 425 | 440 | 410 | 400 | 350 | 365 | 340 | 330 | 315 | 290 | 310 | | | | | |
| Н.КВ. | | | | | | 315 | 275 | 305 | 300 | 305 | 305 | 300 | 300 | 300 | 290 | 280 | 265 | 250 | 280 | | | | | |
| Ш.КВ. | | | | | | - | 105 | 155 | 125 | 135 | 105 | 100 | 50 | 65 | 50 | 50 | 50 | 40 | 30 | | | | | |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

h'E км апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Поповой

шрота 55°28'N долгота 37°19'E

Кем подсчитала

поясное время

30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|----|----|----|----|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|
| I | | | | | | 115 | 105H | 105 | 105 | 105H | 105H | 105 | 105 | 105H | 100 | 105H | 110H | 110H | 135 | E155B | | | | |
| 2 | | | | | | 105H | 105H | 105H | 105H | 105H | 105H | 105H | E105A | E105A | 105H | 105H | E110B | E115B | 105H | A | | | | |
| 3 | | | | | | 105 | 105 | 105H | 115 | 105 | 105 | 110 | 110 | 110 | 110 | E135A | 105H | E155A | A | A | | | | |
| 4 | | | | | | 105 | 105H | 105 | 105 | 105H | 105 | 105 | 105 | 100 | E110A | E115A | E130A | E115A | 110 | | | | | |
| 5 | | | | | | B | E130A | 110 | 105 | 105 | 105H | 105 | 105 | E145A | E120A | A | A | A | A | | | | | |
| 6 | | | | | | E125B | E130B | 110H | 105 | 105H | 105H | 105H | 105H | E115A | E110A | E110A | E115A | E125A | E150A | A | | | | |
| 7 | | | | | | 110 | 115H | 110H | 110H | 105 | 105 | 105 | 105 | 100H | 100 | 100 | 110 | E110A | E135B | B | | | | |
| 8 | | | | E | | E130B | 115H | 105H | 105H | 105 | 105 | 105 | 100H | 100H | E110B | E115A | 105H | E115A | A | A | | | | |
| 9 | | | | | | 125H | 105H | 105H | 105 | 105 | 105 | 105 | 105 | 105 | E155A | 105H | 105 | 110H | 120H | E | | | | |
| 10 | | | | | | E125A | E110A | 105H | 105H | 105 | 105 | 105 | E110B | 105 | E110A | E110A | E110A | 105 | E130B | 100 | | | | |
| 11 | | | | | E | B | 115H | 105 | E120B | E110B | B | 105 | 110 | 105 | 105H | 110 | 115 | 110H | E130B | | | E | | |
| 12 | | | | | | 115H | 110 | 105 | 105 | 105 | 100 | 100H | 100H | 100H | A | 105 | 110 | 110H | E125B | E125E | | | | |
| 13 | | | | | | 125H | 110H | 110 | 110 | 110 | 110 | 105 | 105 | 105H | 105H | 105 | 110 | 115 | E125B | E | | | | |
| 14 | | | | | E140E | 115 | 110 | 110 | 110 | 105 | 105H | 105 | 105 | 105H | 105 | 110H | 110H | 110 | E115E | E130E | | | | |
| 15 | | | | | E140E | E120E | 115 | 110 | 110 | 110 | 110 | 110 | 110 | 105 | 105 | 105 | 110 | 110 | E125B | E130E | | | | |
| 16 | | | | E | E | 120 | 105H | 105H | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105H | 110H | 125H | E130E | | | | |
| 17 | | | | | E120E | E110B | 105 | 105 | 105 | 100 | 100 | E110A | 100H | E110A | E105A | E105A | 100H | E105A | E120B | 120 | | | | |
| 18 | | | E | E | 110 | E110E | 105H | 105H | 105 | 105H | 100 | 100 | 100H | 100 | 100 | 100H | E105A | 105 | 110 | E150E | E | E | | |
| 19 | | E | E | | 110 | 105H | 105 | 110 | 110 | 110H | 105 | 105 | 105 | 110 | 105 | 105H | E115A | E115A | E135A | C | | | | |
| 20 | | | | | A | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | E110B | 110 | 110 | E135B | E130B | | | |
| 21 | | | | | E130E | E125A | 105 | 105 | 105 | 105 | 110 | 105 | 105 | 105 | 105 | 105 | 105 | 105H | E110B | E145E | | | | |
| 22 | | | | | E120E | 115 | 110H | E110B | E110B | 110H | 105 | E110G | 105 | 105H | 105 | 105 | 105H | 110H | 110H | E150B | | | | |
| 23 | | | | E | E110E | E115E | 115H | 110H | 105H | 105 | 105 | 105 | 105 | 110 | 105 | 105H | 110 | 115 | 105H | E130B | E | | | |
| 24 | | | | | E120A | A | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 100 | E130A | 105 | E115A | E110A | A | A | | | | |
| 25 | | | | | B | E120E | 110 | 110 | 105 | 105 | 105 | 105 | E110A | E110A | E110A | E110A | E105A | E150A | E135A | A | | | | |
| 26 | | | | | E115E | 110H | 110 | 105H | 105H | E115B | 105 | 105 | 105 | 105 | E110A | E110A | 110H | 110H | E130B | 105 | | | | |
| 27 | | | | | E120E | E120E | 115H | 110H | 105 | 105 | 105 | 105 | 105 | 105 | 105H | 105H | 105 | 110H | E130B | B | | | | |
| 28 | | | | | 110H | 110H | 110 | 105 | 105H | 105 | 105 | 110 | 110 | 110 | 110 | 105 | 110 | 115 | 110 | B | E | | | |
| 29 | | | | | E150A | E115A | E110A | E110A | 105 | E110B | 105 | 105 | 105 | E115B | E110E | 105H | 105 | 110H | 110 | E125B | E | | | |
| 30 | | | | E | E115E | 110H | 110H | 110 | E120B | E110B | 105 | 105H | E110A | E110A | E125A | E110A | E110A | 105 | E120B | E160B | E | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| М.Д. | | E | E | E | E120 | U110 | 110 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 100 | 105 | 110 | 110 | E125 | E130 | E | E | | |
| Учен | | 1 | 2 | 4 | 17 | 27 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 26 | 17 | 5 | 2 | | |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 Мгц до 20.0 Мгц 30сек Станция

h'Es Км. апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Даниловой

широта 55°28' долгота 37°19' E

Кем подсчитала

поясное время

30° E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|-----|-------|-----|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-----|-----|-----|------|
| I | E | E | E | E | E | G | G | E160G | E200G | G | G | E130G | E165G | 140 | G | G | G | G | G | G | 120 | 150 | 140 | 170 |
| 2 | 125 | E200E | 115 | E | E | G | G | E145G | E125G | E175G | G | G | 120 | 100 | G | 120 | G | 130 | G | 120 | E | E | E | E |
| 3 | E | E | E | E | E | 140 | E160G | E150G | G | G | 115 | 110 | 110 | 105 | 105 | 105 | 110 | 105 | 115 | 115 | 115 | E | 105 | 105 |
| 4 | 105 | 105 | E | E | E | 105 | 130 | G | 105 | 130 | 115 | 110 | G | G | 100 | 100 | 100 | 100 | 130 | B | 110 | 105 | 105 | B |
| 5 | E | 100 | 100 | B | B | G | 100 | G | 110 | 105 | E135G | 110 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | S | E | E |
| 6 | E | E | E | E | B | G | G | G | G | G | E145G | E145G | G | 100 | 100 | 100 | 100 | 100 | E155G | 100 | 100 | 105 | E | E |
| 7 | E | E | E | E | E | G | G | G | G | E210G | G | E140G | 105 | 105 | G | G | G | 105 | G | B | 100 | E | S | 100 |
| 8 | S | E | E | E | G | G | G | G | G | G | 155 | E160G | G | G | 130 | 100 | 100 | E150G | 100 | 100 | 115 | 120 | S | S |
| 9 | S | E | E | E | E | G | G | E200G | G | G | E135G | E120G | 110 | 120H | 105 | 105 | 105 | G | 125 | E130G | 120 | E | E | 100 |
| 10 | E | E | E | E | E | 100 | E125G | G | 110 | 115 | 110 | 105 | 105 | 105 | 105 | 105 | 100 | 125 | 120 | E | E | E | S | |
| 11 | E | E | E | E | G | 120 | 120 | G | G | G | 105 | G | G | 110 | G | G | G | 150 | 120 | 115 | 110 | G | E | 105 |
| 12 | 105 | E | 105 | 105 | 105 | G | 150 | E160G | 120 | 110 | 115 | G | G | G | 100 | E160G | E150G | E140G | 115 | G | B | S | B | S |
| 13 | 100 | S | E | E | B | G | E190G | G | G | E125G | 125 | 135 | G | G | G | G | G | G | 120 | 115 | S | 110 | 130 | 110 |
| 14 | 115 | S | 125 | 120 | G | G | 115 | 115 | 120 | 125 | G | 115 | 110 | G | E195G | 135 | E130G | 115 | G | 150 | 125 | 115 | 110 | 110 |
| 15 | 110 | 110 | 105 | 110 | G | G | E145G | 125 | 115 | E120G | 115 | 115 | G | G | G | 190 | E165G | 125 | 120 | G | E | S | 110 | E |
| 16 | E | E | E | G | G | G | G | G | 140 | E130G | G | G | G | G | G | E210G | G | G | 130 | 135 | 125 | 115 | E | S |
| 17 | E | E | E | E | G | G | G | G | G | G | G | 100 | G | 100 | 100 | E170G | G | 100 | G | 115 | E | E | E | E |
| 18 | E | E | G | G | G | 160 | G | G | E175G | G | G | 115 | E135G | G | G | G | 100 | G | G | G | G | G | E | E |
| 19 | E | G | G | E | 130 | G | E175G | G | G | G | G | E140G | G | G | 155 | G | 105 | 105 | 130 | C | 115 | E | E | E |
| 20 | E | E | E | E | 120 | 130 | 120 | 115 | 110 | 115 | 125 | 120 | 130 | G | G | G | G | 140 | 140H | 125 | 150 | S | S | S |
| 21 | E | E | S | E | G | 130 | 130 | E190G | 170 | E205G | G | G | E160G | G | G | G | G | G | 130 | 125 | E | E | E | 140 |
| 22 | 135 | 155 | 125 | 120 | 125 | 120 | G | G | G | E150G | E140G | E145G | E120G | G | E155G | E150G | G | G | G | 140 | 125 | E | E | E |
| 23 | E | E | 130 | 125 | 125 | G | G | G | G | G | G | 125 | 115 | G | 115 | G | 160 | 140H | G | 120 | G | 115 | E | E |
| 24 | E | 150 | 125 | 150H | 115 | 115H | 125 | G | 120 | 130 | 110 | 105 | 105 | 105 | 105 | 120 | 110 | 115 | 120 | 120 | 115 | 115 | 110 | 105H |
| 25 | 130 | B | 140 | 120 | 120 | 115 | 115 | 115 | G | 110 | 110 | 110 | 110 | 105 | 130 | 140 | 125 | 130 | 120 | 120 | 120 | E | E | E |
| 26 | E | E | B | E | G | G | G | G | E160G | E145G | E160G | 115 | E130G | G | 110 | E200G | E195G | 130 | 125 | 120 | 105 | E | E | S |
| 27 | E | E | E | E | G | E210G | G | G | G | G | 115 | E125G | G | 115 | G | G | G | E205G | 125 | 120 | 130 | 120 | 120 | 120 |
| 28 | E | E | E | E | G | G | G | 130 | G | G | G | 110 | G | G | G | G | E150G | E175G | 120 | 120 | G | E | E | 110 |
| 29 | B | 160 | E | B | 140 | 125 | E140G | 130 | 110 | G | G | 110 | G | G | G | G | G | E150G | 135 | E155G | 125 | E | E | E |
| 30 | 130 | E | 105 | G | G | G | 125 | 120 | 130 | 105H | 105H | G | 115 | 100 | 100 | E145G | E155G | 130 | 130 | 150 | 130 | E | E | E |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | 115 | U130 | 120 | 120 | 120 | 120 | 120 | U120 | 115 | E125 | 110 | 110 | 110 | 105 | 105 | U120 | 105 | 115 | 125 | 120 | 120 | 115 | 110 | 110 |
| Учтен | 9 | 7 | 10 | 7 | 8 | 12 | 16 | 13 | 16 | 17 | 18 | 24 | 17 | 14 | 17 | 18 | 18 | 23 | 22 | 23 | 20 | 10 | 8 | 11 |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |
| Д.КВ. | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

Автоматическая

hrF2 км апрель 1973 г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Перуновом

шрота 55°28'N долгота 37°19'E

Кем подсчитала

поясное время 30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|-------|------|
| I | 400F | 390F | 385F | 350F | 390F | 330 | 330 | G | G | G | G | G | 390 | 365 | 340 | 335 | 315F | 320 | 300 | F | C | 455F | 475F | 445F |
| 2 | 490F | 500F | F | 520F | 500F | 390 | 310 | G | G | G | G | G | G | G | G | G | G | 320 | 350 | 380F | 400F | 410F | 400F | 380F |
| 3 | 380F | 400 | E | E | 400F | 320 | 335 | 325 | 305 | 305 | 305 | 290 | 300 | 305 | 300 | 295 | 295 | 300 | 295 | 300 | 325 | 355F | 335F | 390F |
| 4 | 405F | 400F | 410F | 385F | 355F | 305 | 310 | 350 | 310 | 320 | 320 | 330 | 320 | 300 | 310 | 310 | 290 | 300 | 300 | 330 | 300 | 325 | 340F | 360F |
| 5 | 380F | 385F | 340F | 390F | 350F | 310 | 305 | 305 | 340 | 315 | 345 | 300 | 315 | 315 | 300 | 305 | 310 | 290 | 320 | 330 | 330 | 335 | 345 | 375F |
| 6 | 375F | U375F | 360 | 390F | 400 | 325 | G | G | 325 | 330 | 320 | 305H | 305 | 300 | 305 | 305 | 300 | 300 | 300 | 310 | 320 | 320F | 370 | 380F |
| 7 | 380 | 390 | 400 | 400F | 380F | 300 | 295 | 300 | 300 | 290 | 305 | 300 | 295 | 305 | 300 | 300 | 275 | 290 | 300 | 305 | 320 | 330 | 330 | 360 |
| 8 | 355 | 360 | 380F | 370F | 345F | 310 | 310 | 300 | 310F | 290 | 320V | 300 | 330 | 330 | 330 | 310 | 310 | 270 | 300 | 330 | 320 | 340 | 360 | 400 |
| 9 | 360 | 385 | 375 | 390 | 350 | 320 | 320 | 300 | 310 | 315H | 305H | 310 | 310 | 300 | 310 | 310 | 300 | 310 | 290 | 300 | 290 | 330 | 350 | 360 |
| 10 | 385 | 380 | 365 | 375 | 380 | 330 | 300 | 305 | 300 | 310 | 320 | 305 | 300 | 315 | 315 | 310 | 285 | 310 | 320 | 310 | 310 | 310 | 330 | 380 |
| 11 | 375 | 400 | 400 | 390 | 380 | 350F | 280 | 315 | 320 | 370 | 390F | 350 | 350 | 340 | 315 | 330 | 300 | 305 | 300 | 355 | 370F | 360 | 380 | 350 |
| 12 | 400F | 365F | 425F | 410F | 370F | G | G | G | G | G | G | G | 350H | 320 | 330 | 310 | 310 | 300 | 330 | 330 | 330 | 350 | 340F | 365 |
| 13 | 370 | 400F | 400F | 345F | 330 | 300H | 310 | 320 | 325 | 365 | 365 | 370 | 380 | 390 | 385 | 360 | 360 | 320H | 305 | 325 | 360 | A | 400 | 390 |
| 14 | 420 | 405 | 400F | 400F | 360 | 305 | G | G | G | G | G | 410 | G | G | G | G | G | 390 | 370 | 370 | 340 | 310 | 310 | A |
| 15 | 430 | 380 | 405F | 415F | 380F | 330F | 295 | 300 | 300 | 290 | 295 | 300 | 340 | 310 | 310 | 300 | 290 | 300 | 290 | 300 | 320 | 320 | 330 | 340 |
| 16 | 350 | 355 | 360 | 360 | 365 | G | 395 | 305 | 330 | 360V | 390 | 350 | 380 | 330 | 320 | 290 | 310 | 280 | 300F | 330 | 370 | 450F | 475F | 430F |
| 17 | 400F | 400F | 440F | 425F | 380 | 320 | 280 | G | G | G | G | G | G | G | G | G | 335 | 350 | 300 | 300 | 300 | 310 | 400F | 430F |
| 18 | 375F | 390F | 350F | 355F | 315F | 295 | 255 | G | G | 325 | 345 | 305 | 325 | 340 | 300 | 315 | 310 | 300 | 300 | 320 | 370 | 380F | 370F | 400F |
| 19 | 400F | 380 | 400F | 380 | 305 | 310 | 265 | G | G | G | 345 | 305 | 300 | G | 305 | 285 | 300 | 310 | 300 | C | 290F | 340F | 395F | 400F |
| 20 | 430F | 405F | 400F | 385F | 310F | 280F | G | G | G | G | G | G | G | G | 340 | 305 | 320 | 290 | 300 | 340 | 320 | 410H | 410F | 370F |
| 21 | 350F | S | U450F | 440F | 310F | 300 | 280 | G | G | G | G | G | G | G | G | G | 350 | 300 | 315 | 315 | 350 | 350 | 350 | 400F |
| 22 | A | U400F | 420F | 400 | 375F | 300 | G | G | G | G | G | G | G | G | G | G | G | 330 | 350 | 340 | 370 | 350F | 370 | 350F |
| 23 | 390 | 400 | 400 | 400F | 350 | 305 | G | G | G | G | G | 400 | 345 | 325 | 350 | 310 | 310 | 310 | 315 | 330 | 325 | 330F | 340F | 345F |
| 24 | 360 | 365 | 370F | 355F | 290F | 290 | 310 | G | G | G | G | 325 | 335 | 320 | 325 | A | A | 300 | A | A | 340 | 325 | 305 | 340 |
| 25 | 330 | 380 | 340F | 360F | 320F | 280 | 310H | 335 | 325H | 325 | 335 | 300 | 330F | 315 | 310 | 315 | 330 | 330 | 320 | 350 | 310 | 335 | U390F | 385F |
| 26 | 380F | 400F | 440 | 385 | 355 | G | G | G | 340 | 405H | 355 | G | 340 | 300 | 300 | 300 | 310 | 310 | 320 | 350 | 320 | 340 | 350F | 380 |
| 27 | 430F | 405F | 400F | 380F | 320F | G | G | G | G | G | 355 | 320H | 330 | 340 | 330 | 350 | 310H | 340 | 315 | 315F | 340F | 340F | 350F | 340F |
| 28 | 360F | 360F | 390F | 355F | 320 | 310 | 340H | 305 | 340 | 300 | 300 | 300 | 325 | 315 | 305 | 380 | 345 | 310 | 340 | 300 | 340F | 330 | 320F | 360F |
| 29 | 370F | 400F | 370F | 360F | 340F | 315 | G | G | G | G | G | G | G | G | G | G | 400 | 390 | 340 | 315 | 350 | 360 | 350 | 450F |
| 30 | 430F | 400 | 400F | U380F | 315 | 315 | 320 | 360F | 350H | 310F | 310 | 330 | 340 | 350 | 320 | 310 | 300 | 320 | 305 | 320 | 370 | 380 | 375 | 400F |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| ММД. | 380F | 390F | 400F | 385F | 350F | 310 | 310 | 305 | 320 | 315 | 320 | 305 | 330 | 320 | 310 | 310 | 310 | 310 | 300 | 325 | 330 | 340 | 350 | 380 |
| Учет | 29 | 29 | 28 | 29 | 30 | 26 | 21 | 14 | 16 | 17 | 19 | 21 | 23 | 22 | 24 | 23 | 26 | 30 | 29 | 27 | 29 | 29 | 30 | 29 |
| В.КВ. | 400 | 400 | 400 | 400 | 380 | 320 | 320 | 325 | 340 | 345 | 355 | 340 | 345 | 340 | 330 | 315 | 320 | 320 | 320 | 340 | 360 | 360 | 390 | 400 |
| Н.КВ. | 365 | 380 | 370 | 360 | 320 | 300 | 280 | 300 | 310 | 300 | 305 | 300 | 310 | 305 | 305 | 300 | 300 | 300 | 300 | 310 | 320 | 330 | 340 | 360 |
| М.КВ. | 35 | 20 | 30 | 40 | 60 | 20 | 40 | 25 | 30 | 45 | 50 | 40 | 35 | 35 | 25 | 15 | 20 | 20 | 20 | 30 | 40 | 30 | 40 | 40 |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция

Автоматическая

ТИПЫ Es апрель 1973г.

ИОНОСФЕРНЫЕ ДАННЫЕ

ИЗМИРАН СССР

Станция Москва, Красная Пахра

Кем составлена

Поповой

широта 55°28'N долгота 37°19'E

Кем подсчитана

поясное время 30°E

| Дата | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|-------|----|----|----|----|------|------|------|------|------|----|----|------|------|-------|-----------|--------|--------|------|------|------|----|----|----|----|--|
| I | | | | | | | | h1 | h1 | | | c1 | h1 | h2 | | | | | | | r2 | r2 | a1 | r2 | |
| 2 | a1 | a1 | f1 | | | | | c1 | c1h1 | h1 | | | c111 | l1 | | c1 | | c211 | | l3 | | | | | |
| 3 | | | | | | c2 | c2 | c1 | | | c2 | c2 | c2 | c2 | c2 | l1 | l1 | l1h1 | c311 | l2 | f2 | | f4 | f2 | |
| 4 | f2 | f1 | | | | c2 | c1 | | c2 | c1 | c2 | c2 | | | l1 | l1 | l2 | l1 | c1 | | f1 | f1 | f1 | | |
| 5 | | f1 | f1 | | | | l1 | | c2 | c1 | c1 | c1 | c2 | l2 | l3 | l2 | l2 | l2 | l2 | f2 | f1 | | | | |
| 6 | | | | | | | | | | | c1 | c1 | | l2 | l2 | l1 | l1 | l2 | c212 | l1 | f1 | f2 | | | |
| 7 | | | | | | | | | | h1 | | h112 | c2 | c1 | | | | l1 | | | f1 | | | f1 | |
| 8 | | | | | | | | | | | h1 | h1 | | | c1 | l2 | l1 | c111 | l1 | l1 | f1 | f1 | | | |
| 9 | | | | | | | | h1 | | | c1 | c1 | c2 | c2 | l1 | c2 | c2 | | c3 | c1 | f2 | | | f1 | |
| 10 | | | | | | l2 | c111 | | c2 | c1 | c2 | c2 | c2 | c2 | l2 | l1 | l1 | l1 | c3 | c2 | | | | | |
| 11 | | | | | | l1 | c1 | | | | c1 | | | c1 | | | | h1 | c2 | f2 | f2 | | | f1 | |
| 12 | f1 | | f2 | f3 | f2 | | c2 | h1 | c2 | c2 | c2 | | | | l4 | h111 | h1 | c1 | c2 | | | | | | |
| 13 | f2 | | | | | | h1 | | | c1 | c1 | c1 | | | | | | | c3 | c2 | | f3 | f1 | f1 | |
| 14 | f2 | | f3 | f2 | | | c4 | c3 | c2 | c2 | | c1 | c2 | | h1 | c2 | h4 | c2 | | c1 | f3 | f1 | f4 | f7 | |
| 15 | f5 | f2 | f1 | f2 | | | c1 | c2 | c2 | c1 | c1 | c2 | | | h1 | h1 | h1 | c2 | c1 | | | | | f2 | |
| 16 | | | | | | | | | h2 | c1 | | | | | h1 | | | | c4 | c2 | f1 | f1 | | | |
| 17 | | | | | | | | | | | | l1 | | l2 | l1 | h112 | | l1 | | c3 | | | | | |
| 18 | | | | | | h2c4 | | | h2 | | | c1 | h1 | | | | l1 | | | | | | | | |
| 19 | | | | | c3 | | c1 | | | | | c1 | | h1 | | | l1 | l1h1 | c211 | G | f2 | | | | |
| 20 | | | | | l4 | c2 | c2 | c3 | c2 | c2 | c2 | c2 | c2 | | | | | c3 | c2 | c4 | f1 | | | | |
| 21 | | | | | | c211 | c2 | h2 | h2 | h1 | | | h1 | | | | | | c2 | c4 | | | | f1 | |
| 22 | f2 | f1 | f3 | f4 | c4 | c3 | | | | h1 | h1 | c1 | c2 | | h1 | h1 | | | | c3 | f2 | | | | |
| 23 | | | f2 | l1 | c3 | | | | | | | c2 | c2 | | c2 | | h2 | c2 | | c4 | | f1 | | | |
| 24 | | f1 | f2 | f1 | c312 | l2 | c2 | | c1 | c2 | c1 | c2 | c2 | c2 | l2h1 | c411 | c311 | c311 | c211 | c511 | f5 | f3 | f2 | | |
| 25 | f1 | | f1 | f2 | c1 | c2 | c2 | c2 | | c2 | c2 | c2 | c211 | c2h11 | c211h2c21 | h2c212 | h2c212 | c212 | c211 | c311 | f1 | | | | |
| 26 | | | | | | | | | c1 | h1 | c1 | c2 | c1 | | c211 | h111 | h1 | c3 | c3 | c3 | f1 | | | | |
| 27 | | | | | | h1 | | | | | c2 | c1 | | c2 | | | | h1 | c5 | c5 | f2 | f2 | f1 | f2 | |
| 28 | | | | | | | | | c3 | | | c2 | | | | | h2 | h1 | c4 | c3 | | | | f2 | |
| 29 | | f1 | | | c212 | c212 | c112 | h211 | c2 | | | c1 | | | | | | h1 | c3 | c1 | l1 | | | | |
| 30 | f1 | | f1 | | | | c2 | c2 | c1 | c2 | c2 | | c212 | l2 | l2 | h111 | h211 | c2 | c3 | c1 | c1 | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| МЛД. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Учен | | | | | | | | | | | | | | | | | | | | | | | | | |
| В.КВ. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Н.КВ. | | | | | | | | | | | | | | | | | | | | | | | | | |
| М.КВ. | | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 МГц до 20.0 МГц 30сек Станция