МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

$f_oF2$ Мгц Июнь 1973 г.
(характеристика) (единицы) (месяц) (год)

Академия Наук Каз. ССР
(институт)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Кем составлена Зеленковой

Кем подсчитана Карпенко

| 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 | S | U5.1S | 4.9 | 4.7 | 4.5 | U5.0S | U6.0S | 7.7 | 7.7 | 7.8 | U7.2S | 7.3 | 7.4 | 7.5 | 7.0 | 6.6 | 6.6 | U6.3S | 6.7 | 7.1 | U7.8S | 7.0 | U6.9S | S |
| 2 | U5.2S | U5.3S | U5.4S | 5.0 | 4.9 | U5.3S | U6.2S | U6.2S | 6.8 | U7.8S | 7.8 | 8.3 | 8.5 | 8.7 | 7.3 | U6.7S | U6.8S | U6.9S | 7.0 | U7.8S | 8.5 | U7.5S | U8.0S | U6.1S |
| 3 | U5.5S | U4.8S | U4.8S | 4.0 | I4.4A | 4.7 | A | U4.9R | U5.2R | 5.3 | I5.8C | 5.4 | U5.3R | U5.4R | 6.0 | 5.5 | I5.8A | 6.0 | S | S | S | U5.4S | U5.1S | U5.0S |
| 4 | U5.1S | U4.7S | U4.6S | U4.7S | U4.2S | U5.1S | U6.2S | U6.4S | 5.3 | 6.9 | 5.8 | I5.8S | U6.7S | 7.2 | U7.0S | 7.5 | 7.0 | I6.3S | 5.8 | U5.2S | S | U5.8S | S | U5.3S |
| 5 | U4.7S | 4.7 | 4.0 | U3.8S | 3.5 | 4.4 | U5.5S | U5.5S | U5.6S | I5.4A | U5.6S | U5.9S | U6.1C | C | C | U6.5C | A | A | 5.4 | I5.9A | U7.0C | A | U5.4S | U4.9S |
| 6 | U4.5N | U4.2S | U4.2S | 4.3 | U4.2N | 5.2 | U5.0C | A | 6.2 | 7.0 | 6.4 | S | A | A | A | A | A | A | S | U6.2S | S | A | U5.2S | S |
| 7 | S | U4.5S | A | A | U4.2F | 4.9 | 5.3 | U5.8S | U6.4S | U6.2S | 6.3 | I6.7A | U6.2C | I6.3A | 6.3 | 6.7 | I5.8A | I5.1A | 5.7 | U5.6S | S | S | A | U4.9S |
| 8 | F | 4.5 | U4.4S | U4.3S | U4.2N | 6.0 | U6.2S | U5.6S | U6.2S | U5.8S | U6.3S | U6.8S | U6.7S | I6.5S | U6.2S | U6.2S | U5.6S | 5.7 | 5.6 | 5.7 | U6.4S | S | U5.8S | S |
| 9 | U5.5S | U6.2S | U4.9S | 4.4 | 4.4 | 4.2 | 6.4 | 6.5 | 6.6 | C | C | C | U6.4S | 6.5 | 6.8 | 6.2 | A | S | U5.8S | 6.2 | 6.9 | U6.7S | U6.9S | U6.3S |
| 10 | U5.3S | U4.7S | 4.6 | 4.4 | U4.6S | U5.2S | U7.0S | 6.7 | 7.7 | 8.0 | 7.1 | U6.9S | 8.2 | 8.0 | 7.1 | U6.6S | 6.0 | 5.8 | U6.0S | U5.8S | U7.0S | S | S | S |
| 11 | S | U4.3S | 4.3 | U4.5S | U4.5N | U4.8S | U6.2S | U6.2S | 7.0 | 6.7 | 7.1 | 6.6 | U7.9S | 8.3 | 8.0 | U6.3S | U6.3S | 6.5 | U6.5S | U6.4S | U7.0S | U6.1S | C | U5.0S |
| 12 | U5.1S | U4.6S | U4.3S | U4.3S | 3.8 | U4.3S | 4.8 | I5.4A | 6.9 | U6.1R | 7.3 | I7.9S | U7.6S | 7.4 | I7.8A | 7.9 | U7.1S | 7.0 | 6.7 | I7.0A | U7.0S | U6.3S | U6.3S | U6.3S |
| 13 | U5.9S | U5.6S | S | U4.6S | 4.0 | 4.3 | A | A | U6.0R | 6.9 | 7.7 | R | R | 8.0 | U7.8S | 7.6 | U6.3S | S | 6.7 | 7.1 | U6.7S | U5.9S | U5.7S | U6.0S |
| 14 | U5.9S | U6.6S | U5.2S | U4.9F | 4.8F | U4.7S | 4.6 | 4.9 | I5.8A | I6.6A | I6.5A | U6.0R | I6.3A | U6.0S | U5.7S | 5.8 | C | A | U5.7S | A | C | U6.0S | U5.9S | A |
| 15 | C | S | 5.3 | U5.0S | 4.2 | 4.7 | U6.9S | U5.7S | 6.4 | U6.4S | U6.5C | 7.0 | 7.9 | I7.3C | 6.8 | I6.9A | I6.8A | 6.5 | U6.1S | I6.9A | 7.3 | C | U6.1S | 4.9 |
| 16 | 5.2 | 4.5N | 4.4 | 4.4 | 4.2 | 4.6 | U6.1S | U5.7S | S | I6.2S | U5.9S | U6.6S | 6.9 | 6.5 | U7.3S | U8.1S | S | S | U6.2S | U6.8S | U6.9S | S | U6.1S | U5.7S |
| 17 | U5.3S | S | U4.7S | U4.4S | 4.4 | 4.6 | 5.6 | U5.5S | U6.4C | U6.7C | C | U6.7C | C | C | C | U6.3C | C | 6.6 | C | C | A | C | U5.7C | C |
| 18 | S | S | U5.0S | U4.7F | 4.3 | 4.4 | U5.6C | 6.0 | I5.9C | 5.9 | I6.7C | C | U6.0C | U5.9C | I6.4C | 6.8 | U7.9S | 6.8 | 7.3 | U7.1S | U6.2C | U5.6S | C | C |
| 19 | S | 5.0 | S | 4.5 | U4.4S | 4.6 | 5.0 | 5.3 | 6.3 | U6.3C | U6.1S | 6.6 | U6.3S | 6.6 | U6.8S | 7.4 | 7.6 | 6.8 | U5.9S | I6.2S | S | U7.2S | S | S |
| 20 | U5.6S | S | 4.9 | 4.5 | 4.5 | 5.3 | 5.3 | U6.2S | 7.4 | 7.2 | 7.0 | 6.6 | I6.8A | 7.1 | 7.0 | 6.9 | 6.9 | 7.9 | 7.7 | U6.9S | U7.0S | U6.3S | 5.8 | 5.9 |
| 21 | S | 5.0 | 4.7 | U4.6S | 4.3 | 4.4 | U5.0S | U5.6S | 5.3 | U5.8S | 6.3 | U6.3S | S | 5.9 | U6.5S | U6.3S | 5.8 | 5.5 | C | S | 5.9 | U6.0S | U5.8S | U5.5S |
| 22 | 4.6 | 4.5 | 4.5N | 4.5 | 4.2 | 4.7 | U5.9S | U6.2S | I7.0A | I6.9C | 7.0 | U7.7S | I7.1C | 6.8 | C | A | C | 6.5 | I6.5A | A | A | S | U5.8S | U5.5S |
| 23 | S | S | U5.4S | U4.7S | 4.3 | 4.9 | U5.2S | U6.0S | 6.7 | 6.7 | 7.5 | 7.7 | 7.3 | 6.4 | U6.3S | U6.2S | U6.2S | U6.4S | 6.9 | U7.5S | U7.2S | U6.9S | S | S |
| 24 | S | S | U5.3S | U5.5S | U5.3S | S | U6.2C | 6.9 | C | C | U8.0C | C | C | U7.2C | 6.9 | I6.5S | 7.0 | U7.4C | 8.0 | 8.2 | U7.6S | S | U6.2C | S |
| 25 | U5.9S | S | I4.9S | U4.6S | 3.3 | U4.9S | U6.9S | U6.0S | U6.2S | 7.2 | 8.1 | I7.4A | 6.9 | U6.8S | 6.6 | 6.6 | 6.7 | 6.9 | 7.1 | 7.5 | U7.1S | S | U6.4S | 6.6 |
| 26 | S | S | I5.4S | U5.2S | U5.2S | I5.4S | I5.9C | I6.1A | 6.2 | I6.2C | I6.4S | U6.7S | I6.8S | 6.9 | 6.6 | I6.8C | I6.3C | 5.7 | U5.8S | U6.4S | C | C | 6.9 | U6.0S |
| 27 | S | U5.3S | 5.0 | 4.9 | 4.6 | 5.1 | 5.7 | U6.4C | 6.8 | 6.7 | U6.4S | I7.1S | I6.6S | U6.0C | 6.2 | 6.6 | U5.9S | U6.0S | U6.2S | U6.6S | U7.4S | U6.5S | U6.2S | S |
| 28 | U5.5S | U4.9S | 4.8 | 4.8 | 4.6 | 5.0 | U6.3S | 7.0 | 7.3 | U6.3C | 7.0 | I7.2C | I8.1C | 8.6 | 7.6 | 6.7 | 6.2 | U6.3S | U7.0S | 7.3 | 8.0 | U7.1S | U6.6S | 6.9 |
| 29 | S | U5.4S | U5.2S | 4.6 | 4.1 | U4.2R | 5.3 | U6.4R | I6.9C | 7.2 | U6.6R | U5.8R | 7.3 | 8.4 | U6.1R | U7.3R | 6.3 | U6.1R | U6.5S | 7.5 | U6.3S | U6.3S | U5.6S | U5.2S |
| 30 | 5.6 | U4.8S | U4.8S | 4.6 | U4.2F | 5.3 | 6.8 | U6.9R | 6.5 | 7.4 | 6.3 | 7.6 | 8.5 | 8.4 | U6.3R | A | R | 6.6 | U6.2S | U6.3S | U6.6S | U5.7S | S | S |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.5 | 0.7 | 0.7 | 0.4 | 0.3 | 0.6 | 0.9 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 | 1.4 | 1.6 | 0.8 | 0.6 | 0.9 | 0.8 | 1.1 | 1.0 | 0.8 | 1.0 | 0.7 | 1.1 |
| Медиана | U5.3S | U4.8S | U4.8S | U4.6S | 4.3 | 4.8 | U5.8S | U6.0S | 6.4 | 6.7 | 6.6 | 6.7 | 6.9 | 7.1 | 6.8 | 6.6 | 6.3 | 6.4 | 6.4 | U6.8S | U7.0S | U6.3S | U6.0S | U5.6S |
| Учтено | 17 | 22 | 27 | 29 | 30 | 29 | 28 | 28 | 28 | 28 | 28 | 25 | 25 | 27 | 26 | 27 | 22 | 24 | 26 | 25 | 21 | 18 | 22 | 18 |
| | 5.1/5.6 | 4.5/5.2 | 4.5/5.2 | 4.4/4.8 | 4.2/4.5 | 4.5/5.1 | 5.3/6.2 | 5.6/6.4 | 6.1/6.9 | 6.2/7.1 | 6.3/7.2 | 6.4/7.4 | 6.4/7.8 | 6.4/8.0 | 6.3/7.1 | 6.3/6.9 | 6.0/6.9 | 6.0/6.8 | 5.8/6.9 | 6.2/7.2 | 6.6/7.4 | 5.9/6.9 | 5.7/6.4 | 5.0/6.1 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. ~~мин.~~

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

foF1 Мгц Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Академия Наук Каз. ССР
(институт)

# ИОНОСФЕРНЫЕ ДАННЫЕ

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Кем составлена Зеленковой

Кем подсчитана Борисенко

| 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 | 4.2 | 4.5 | U4.5R | U4.6R | R | 4.7 | 4.7 | 4.5 | 4.4 | 4.4 | A | A | | | | | |
| 2 | | | | | | L | L | U4.3L | U4.4L | 4.4 | I4.9R | U4.5S | S | R | 4.7 | S | S | A | A | L | | | | |
| 3 | | | | | | | I3.7A | 4.0 | R | A | C | R | R | R | U4.4R | A | A | 4.0 | A | | | | | |
| 4 | | | | | | | L | I4.0A | 4.3 | I4.2A | 4.6 | I4.5S | 4.6 | 4.4 | 4.6 | I4.4A | I4.1A | 3.9 | 3.4 | | | | | |
| 5 | | | | | | 3.2 | 3.6 | I4.0A | 4.3 | I4.4A | I4.5A | 4.6 | 4.5 | 4.5 | U4.5C | 4.3 | A | A | A | | | | | |
| 6 | | | | | | L | | A | A | A | A | A | A | A | A | A | A | A | A | | | | | |
| 7 | | | | | | L | L | 4.0 | I4.4A | 4.4 | 4.5 | I4.8A | A | A | A | A | A | A | A | | | | | |
| 8 | | | | | | L | 3.9 | I4.1A | I4.2A | I4.6A | S | A | A | 4.4 | I4.5S | L | 4.3 | 4.0 | L | | | | | |
| 9 | | | | | | | 3.9 | A | A | C | C | C | 4.5 | A | A | A | A | A | A | | | | | |
| 10 | | | | | | L | L | L | L | U4.5S | 4.5 | A | A | A | I4.6A | 4.5 | 4.2 | U4.0L | L | | | | | |
| 11 | | | | | | L | L | L | I4.8A | A | R | 4.6 | R | U4.6R | 4.5 | L | 4.3 | 4.0 | L | L | | | | |
| 12 | | | | | | | 3.9 | A | A | A | A | I4.7A | U4.6L | 4.6 | I4.5A | L | U4.3L | A | L | | | | | |
| 13 | | | | | | | A | A | A | A | I4.6R | R | A | A | A | A | 4.4 | L | A | | | | | |
| 14 | | | | | | L | L | A | A | A | A | A | A | A | 4.6 | I4.5A | A | A | U3.8L | | | | | |
| 15 | | | | | | L | 3.9 | L | 4.4 | I4.5A | A | I4.6A | 4.7 | I4.6A | 4.6 | I4.4A | I4.2A | 4.1 | 3.7 | | | | | |
| 16 | | | | | | L | 3.8 | I4.2A | 4.6 | I4.5A | 4.7 | I4.7R | 4.7 | 4.7 | A | A | A | L | L | | | | | |
| 17 | | | | | | 3.4 | I3.8A | 4.3 | 4.5 | 4.5 | 4.6 | 4.9 | I4.7C | I4.6C | U4.5C | I4.5A | 4.3 | A | A | | | | | |
| 18 | | | | | | L | 3.8 | 4.1 | I4.4A | 4.5 | U4.6S | 4.7 | 4.8 | 4.7 | 4.5 | 4.6 | 4.2 | 4.0 | U3.6L | L | | | | |
| 19 | | | | | | | U3.9L | 4.2 | U4.4R | 4.6 | 4.6 | 4.7 | 4.8 | 4.8 | 4.7 | 4.4 | 4.4 | 3.9 | L | | | | | |
| 20 | | | | | | U3.3L | A | U4.4L | 4.4 | I4.5A | 4.7 | A | A | A | I4.7A | 4.5 | 4.3 | 4.0 | L | | | | | |
| 21 | | | | | | L | 3.8 | 4.2 | 4.3 | 4.5 | 4.7 | I4.7A | U4.7S | U4.7S | 4.6 | 4.4 | 4.4 | U4.2L | C | | | | | |
| 22 | | | | | | L | L | A | A | A | A | R | C | 4.8 | C | A | C | 4.1 | A | | | | | |
| 23 | | | | | | | L | L | U4.6S | 4.6 | I4.6S | 4.5 | S | U4.6S | U4.5S | U4.6S | I4.5S | L | U3.7L | | | | | |
| 24 | | | | | | | L | 4.4 | 4.5 | 4.7 | I4.8C | I4.7A | U4.8C | I4.8A | 4.7 | 4.5 | 4.4 | L | A | | | | | |
| 25 | | | | | | | A | A | U4.7L | L | I4.8A | I4.7A | 4.8 | 4.7 | 4.7 | 4.6 | 4.3 | A | A | | | | | |
| 26 | | | | | | | | A | 4.5 | 4.6 | U4.6S | 4.6 | 4.8 | U4.6S | I4.8C | 4.6 | C | L | L | | | | | |
| 27 | | | | | | | L | 4.2 | 4.6 | 4.6 | 4.8 | 4.8 | U4.7S | 4.8 | 4.6 | 4.5 | 4.3 | 4.0 | U3.8L | A | | | | |
| 28 | | | | | | L | 4.0 | I4.3A | 4.4 | I4.6A | 4.7 | U4.7S | 4.7 | 4.6 | 4.6 | 4.5 | 4.4 | 4.3 | U3.8L | U3.0L | | | | |
| 29 | | | | | | L | 3.9 | 4.2 | I4.5C | 4.4 | 4.7 | 4.6 | U4.6R | 4.5 | U4.7R | 4.4 | 4.3H | U4.0L | A | | | | | |
| 30 | | | | | | L | U3.9L | A | 4.8 | I4.7A | 4.6 | U4.7S | 4.5 | 4.7 | 4.5 | A | A | 4.0 | A | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | 3.3 | 3.9 | 4.2 | 4.5 | 4.5 | 4.6 | 4.7 | 4.7 | 4.6 | 4.6 | 4.5 | 4.3 | 4.0 | U3.7L | U3.0L | | | | |
| Учтено | | | | | | 3 | 14 | 17 | 22 | 21 | 21 | 20 | 18 | 21 | 24 | 18 | 19 | 15 | 7 | 1 | | | | |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. ~~мин.~~

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

foE Мгц Июнь 1973г
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Борисенко

| 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 | | | | | A | 1.85 | A | U3.00A | A | U3.50A | A | A | A | U3.60A | A | A | U3.00A | A | A | A | A | | | |
| 2 | | | | | E | 1.80 | 2.40 | A | U3.10A | A | A | A | A | R | A | A | A | U2.70A | A | A | A | | | |
| 3 | | | | | A | A | U2.40A | U2.75A | A | A | C | A | A | U3.60R | A | A | A | A | A | A | A | | | |
| 4 | | | | | A | A | U2.30A | A | A | A | A | A | A | A | A | A | A | A | A | A | E1.80B | | | E |
| 5 | E | E | | | A | 1.90 | U2.50A | U2.75A | U3.00A | A | A | A | A | A | U3.50A | A | A | U2.70A | A | A | A | | | |
| 6 | | | | | | A | A | U2.80A | A | U3.10A | A | A | A | A | A | A | A | A | A | A | A | | | |
| 7 | | | | | | A | U2.40A | A | U3.00A | U3.20A | A | A | A | A | A | A | A | A | A | A | | | | |
| 8 | | | | | A | A | U2.40A | A | A | U3.20A | A | A | A | A | A | A | A | A | A | A | A | | | |
| 9 | | | | | | A | U2.30A | U2.80A | A | C | C | C | A | A | A | U3.30A | A | A | A | A | A | | | |
| 10 | | | | | A | A | A | U2.80A | A | U3.40A | A | A | A | A | A | A | A | U2.70A | U2.30A | A | A | | | |
| 11 | | E | | | E | 2.00 | U2.35A | U2.85A | A | A | A | A | U3.70R | A | U3.50R | A | A | U2.80A | A | A | A | | | |
| 12 | | | | | A | A | A | A | A | A | A | A | A | U3.50A | A | A | U3.00A | U2.70A | 2.30 | A | A | | | |
| 13 | | | | | A | A | A | A | U3.20A | A | A | A | A | A | A | A | A | U2.75A | A | A | A | | | |
| 14 | | | | | E1.60B | U1.90A | U2.40A | U2.80A | A | A | A | A | A | A | A | A | A | A | A | A | A | | | |
| 15 | | | | | E | 2.05 | U2.45A | U2.90A | A | A | A | A | A | A | A | A | A | U2.90A | U2.30A | A | A | | | |
| 16 | | | | | E | A | A | A | A | A | A | A | A | A | U3.50A | U3.20A | U3.10A | U2.90A | A | A | A | | | |
| 17 | | | | | A | 1.95 | A | A | A | A | A | A | A | A | A | A | U3.00A | A | A | A | A | | | |
| 18 | | | | | A | A | U2.50A | A | A | A | A | A | A | A | A | A | U3.10S | 2.90 | A | A | A | | | |
| 19 | | | | E | A | U2.00A | U2.50A | U2.90A | U3.10A | A | A | A | A | A | A | 3.35 | U3.10A | 2.70 | U2.35A | A | A | | | |
| 20 | | | A | A | A | U1.80A | U2.50A | 2.95 | A | A | A | A | A | A | A | A | A | A | A | A | A | A | | |
| 21 | | E | E | A | A | A | A | U2.90A | U3.05A | A | A | A | A | A | A | R | U3.00A | A | C | A | E1.40B | | | |
| 22 | | | | | A | U1.80A | U2.75A | U2.95A | A | A | U3.50A | U3.60A | A | A | C | A | C | U2.70A | U2.40A | A | A | | | |
| 23 | | | | | A | A | A | U2.80A | U3.10A | A | U3.60A | A | U3.60A | U3.50A | A | A | A | A | A | A | A | | | |
| 24 | | | | | A | A | A | A | A | A | A | A | A | A | A | R | A | U2.95A | A | A | E | | | |
| 25 | | | | | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | | | | |
| 26 | | | | | A | A | A | A | A | A | A | A | 3.70 | U3.60A | C | U3.35A | C | U2.70A | A | A | A | | | |
| 27 | | | | | A | U1.75A | U2.35A | A | U3.15A | A | A | A | A | A | A | 3.30 | A | U2.70A | U2.30A | A | A | | | |
| 28 | | | | | A | A | U2.50A | U2.70A | U2.95A | U3.25A | A | A | A | A | U3.40R | A | A | A | A | 1.90 | A | | | |
| 29 | | | A | A | A | U1.80A | U2.50A | U2.95A | U3.15A | U3.30A | A | A | A | A | A | A | A | U2.85A | U2.30A | A | A | E | | |
| 30 | E | | | | 1.40 | U1.85A | U2.45A | A | U3.00A | U3.20A | A | A | A | A | A | A | A | A | A | U1.80A | A | A | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | E | E | E | E | E | U1.85A | U2.40A | U2.80A | U3.10A | U3.20A | U3.55A | U3.60A | U3.70A | U3.60A | U3.50A | U3.30A | U3.00A | U2.70A | U2.30A | U1.85A | E1.40B | E | | E |
| Учтено | 2 | 3 | 1 | 1 | 6 | 13 | 18 | 16 | 11 | 8 | 2 | 1 | 3 | 5 | 4 | 5 | 7 | 15 | 7 | 2 | 3 | 1 | | 1 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. ~~мин.~~

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

foEs Мгц Июнь 1973 г.
(характеристика) (единицы) (месяц) (год)

Академия Наук Каз. ССР
(институт)

# ИОНОСФЕРНЫЕ ДАННЫЕ

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Кем составлена Зеленковой

Кем подсчитана Карпенко

| 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 | 1.2 | 1.2 | 1.2 | D12R | 2.1 | 2.9 | 3.4 | 4.0 | 4.0 | 4.2 | 4.0 | 4.1 | 3.9 | 6.5 | J4.3X | 4.0 | 5.2 | 6.0 | J4.3X | J4.5X | J4.3X | J3.3X | E13B |
| 2 | E | E | J2.0X | 1.5 | G | G | G | 3.3 | 3.5 | J3.8X | J4.3X | 4.4 | 3.6 | G | 4.2 | 3.3 | 3.7 | 6.0 | 10.0 | J4.1X | J3.2X | J3.3X | 6.2 | J3.3X |
| 3 | J3.3X | J3.3X | J4.3X | J3.3X | J9.0X | 2.1 | 5.5 | J3.3X | 4.0 | J4.7X | C | 3.8 | 4.0 | D34R | 3.6 | J6.3X | J6.3X | 3.8 | 5.2 | J5.3X | J2.5X | J4.3X | J6.3X | 5.0 |
| 4 | J3.3X | J4.3X | J3.3X | J2.3X | J2.3X | J2.3X | 3.0 | 4.0 | J3.7X | J4.9X | J4.3X | J4.7X | J4.7X | J4.3X | 4.0 | J6.5X | 5.4 | J4.9X | J3.8X | J3.0X | J2.3X | J3.3X | J2.9X | 1.2 |
| 5 | G | G | E | J2.6X | J2.3X | G | 3.1 | J4.5X | J4.5X | J7.3X | J4.7X | J4.6X | 4.0 | 3.4 | 3.6 | 4.0 | J7.7X | J11.2X | J4.6X | J12.6X | J3.0X | 7.0 | J4.8X | J3.0X |
| 6 | J3.0X | E | E | J2.3X | J2.0X | 2.4 | 3.7 | 8.1 | J4.7X | J6.3X | J5.1X | J4.7X | J6.5X | J8.3X | J13.5X | J12.9X | J13.1X | J7.7X | J6.4X | J5.4X | J8.1X | J5.3X | J4.3X | J5.9X |
| 7 | J3.9X | J4.8X | J6.3X | J8.6X | J3.3H | J3.6X | 3.0 | 3.3 | J6.3X | 4.1 | J6.2X | J8.7X | J6.2X | J10.9X | J6.3X | J8.3X | J10.6X | J7.3X | 4.0 | J4.3X | 3.6 | J4.8H | J8.3X | J4.0X |
| 8 | J3.9X | J4.9X | J4.0X | D13R | D13R | J2.3X | 3.6 | J5.0X | 5.5 | 5.4 | 4.0 | 5.6 | 6.8 | 4.5 | J5.6X | 3.6 | 3.5 | J4.3X | 4.5 | J4.3X | J3.7X | J3.0X | J3.3X | J4.3X |
| 9 | J3.3X | J4.3X | J4.6X | E | J3.6X | J2.0X | 3.2 | J4.6X | J8.1X | C | C | C | J4.5X | 5.2 | 4.5 | 5.4 | J8.2X | J8.5X | 5.3 | J3.8X | J6.3X | 6.6 | J3.3X | J2.3X |
| 10 | J2.3X | 1.3 | 1.4 | 1.2 | J2.3X | J3.0X | J3.5X | 3.5 | 3.7 | 4.0 | 4.0 | 5.4 | J8.3X | 5.0 | J4.7X | 3.5 | 3.6 | 3.1 | 3.0 | J3.1X | J2.3X | 5.3 | J2.3X | 1.4 |
| 11 | J2.0X | G | J2.1X | J1.9X | G | G | 3.1 | J5.8X | J7.9X | J4.8X | J4.6X | 3.9 | G | 3.8 | G | J3.4X | 3.2 | 3.0 | 2.7 | J2.3X | J2.3X | J2.1X | J2.3X | J3.5X |
| 12 | J2.0X | J2.0X | 2.2 | E | 2.0 | J2.3X | 3.2 | J6.3X | J8.5X | D54R | J4.6X | J8.3X | 3.9 | 4.4 | 8.5 | 4.0 | J4.3X | J5.0X | 8.3 | 8.0 | J4.5X | J4.0X | J3.3X | J4.3S |
| 13 | J4.0X | J2.0X | J2.1X | J3.3X | J2.5X | J4.0X | J6.3X | J7.2X | J4.8X | J8.3X | J4.3X | J4.5X | D6.0R | J6.0X | J5.1X | 4.3H | J4.1X | 4.0 | J8.5X | J7.3X | J9.0C | J5.3X | J4.3X | J3.2X |
| 14 | J5.3X | J4.3X | J4.0X | J3.9X | E16B | 2.1 | 3.0 | J5.0X | J8.3X | J8.3X | J9.0X | J6.4X | J9.8X | J4.8X | J4.3X | J4.8X | J5.3X | J7.3X | 3.5 | J7.5X | J6.0X | J4.3X | J5.5X | J5.5X |
| 15 | J4.8X | J4.4X | J3.4X | J2.6X | G | G | 3.0 | 4.1 | J5.9X | J4.8X | J4.6X | J5.6X | 4.4 | D9.0S | J6.4X | J8.3X | J7.9X | 3.0 | J4.8X | J8.8X | J3.3X | J4.3X | J2.3X | 3.4 |
| 16 | J3.3X | J2.3X | J3.8X | J2.3X | G | 2.0 | 3.0 | J5.9X | J7.9X | J6.3X | J4.3X | 4.0 | 3.9 | 3.6 | 4.8 | 5.0 | J4.9X | 3.5 | 3.7 | 3.0 | J5.3X | 1.7 | J2.3X | J3.0X |
| 17 | J4.3X | J5.1X | J5.0X | J4.6X | J2.3X | 2.3 | J4.3X | J4.3X | J4.7X | J4.6X | 4.0 | 4.4 | J4.4X | 5.4 | J5.5X | J5.4X | 3.6 | J5.0X | J5.0X | J3.3X | J5.3X | J4.0X | J3.3X | J5.3X |
| 18 | J5.3X | J5.3X | E | 1.3 | J3.0X | J2.8X | 2.8 | J4.3X | J4.5X | J4.6X | J4.4X | J5.3X | 4.2 | 4.1 | 4.0 | 3.2 | G | J4.3X | 3.0 | 2.1 | 1.8 | 2.7 | J2.6X | J4.4X |
| 19 | J4.0X | J2.1X | E | G | D13R | 2.2 | 3.0 | 3.8 | 3.8 | 4.3 | 4.0 | 4.3 | J4.3X | J4.3X | 3.6 | G | 3.4 | 3.0 | 3.0 | J4.1X | 4.4 | J2.3X | 1.5 | 2.5 |
| 20 | J2.3X | 2.2 | J2.3X | J4.3X | J3.0X | 2.4 | J5.0X | J4.5X | J4.3X | J7.8X | 4.0 | J6.5X | J13.0X | 5.4 | J5.5X | J4.5X | 3.7 | 3.3 | 2.5 | 3.0 | 1.5 | J2.1X | J4.0X | J2.4X |
| 21 | J4.8X | 1.3 | 1.6 | J2.3X | J2.5X | 2.5 | J3.8X | 4.0 | J5.3X | 6.9 | J4.3X | 3.6 | J7.4X | 3.6 | J5.9X | G | 3.5 | 3.6 | C | 2.2 | E14B | J2.3X | 1.6 | 1.9 |
| 22 | 2.2 | J3.3X | J3.9X | J4.3X | J4.8X | 2.0 | 4.3 | J5.2X | 7.0 | J6.3X | J5.5X | 4.0 | J5.4X | J4.5X | C | J7.6X | C | 3.1 | J8.5X | J8.1X | J7.5X | J7.2X | J4.3X | J2.5X |
| 23 | J2.9X | J3.3X | J2.3X | 1.3 | 1.5 | 2.0 | 2.7 | 4.0 | 4.0 | 3.6 | 4.0 | J3.7X | 4.2 | 4.2 | 4.0 | 3.4 | 3.7H | J3.3X | 3.3 | J3.6X | J3.3S | 1.9 | J2.5X | J3.0S |
| 24 | 3.2 | 4.4 | J3.3X | J2.4X | J3.3X | J3.8X | J3.3X | J4.5X | J4.3X | J4.5X | D56C | 5.4 | 4.4 | D54C | 4.0 | D33R | 4.0 | 4.0 | 6.0 | J3.9X | G | J2.4X | J4.3X | J3.4X |
| 25 | J4.7X | J2.9X | 1.6 | J2.4X | J4.1X | 2.2 | 4.7 | J4.5X | 3.9 | 4.0 | J5.3X | 8.0 | J6.3X | J4.7X | D34R | 4.2 | J4.0X | J4.8X | 7.0 | 6.7 | J4.3X | J2.4X | J3.3X | 2.2 |
| 26 | J5.6X | J3.3X | E13B | 2.3 | J2.6X | J4.3H | 3.4 | J2.0X | J4.3X | J3.6X | 4.0 | 4.2 | G | 4.0 | 5.0 | 4.4 | C | 4.0 | J4.3X | J7.1X | 2.0 | 1.5 | J3.8X | J4.4X |
| 27 | J4.1X | J4.8X | J4.8X | J3.3X | J2.3X | 2.0 | 3.1 | 3.4 | 4.0 | 4.5 | 4.0 | 4.5 | 4.1 | 3.8 | 4.0 | G | 3.6 | 3.3 | 3.1 | J3.3X | J2.7X | J2.4X | J3.3X | J2.8X |
| 28 | 2.2 | J1.9X | 2.4 | 2.3 | 1.8 | 2.4 | 3.2 | J4.8X | J4.5X | 5.5 | J4.6X | 4.1 | J4.3X | 4.0 | 3.2G | J3.7X | J5.1X | 3.4 | J3.8X | 2.1 | J5.7X | J2.8X | 1.9 | 5.0 |
| 29 | J4.8X | J4.3X | 2.3 | J3.1X | J4.3X | 2.6 | 3.2 | 3.5 | D54C | J3.8X | J4.9X | 4.0 | J5.7X | 4.4 | 3.6 | 3.5 | J4.4X | 3.0 | J4.3X | J4.0X | J2.3X | G | E | E15B |
| 30 | G | 2.6 | J1.9X | E | G | 2.0 | 3.1 | 5.8 | J4.7X | J5.3X | J4.6X | J5.3X | J5.4X | 3.6 | J5.3X | J8.3X | J5.5X | J3.5X | J5.3X | 2.4 | J3.3X | J5.9X | J4.3X | J5.0X |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.1 | 2.4 | 2.3 | 2.0 | 1.4 | 0.5 | 0.7 | 1.5 | 2.1 | 2.3 | 0.8 | 1.5 | 2.0 | 1.4 | 1.7 | 2.0 | 1.8 | 1.7 | 2.6 | 3.7 | 3.0 | 2.5 | 2.0 | 2.1 |
| Медиана | J3.3X | J3.1X | J2.3X | J2.3X | U2.4X | 2.2 | 3.2 | J4.4X | J4.6X | J4.8X | J4.4X | 4.5 | J4.4X | U4.4 | U4.6 | U4.2 | J4.0X | 4.0 | 4.5 | J4.0X | J3.3X | J3.3X | J3.3X | J3.2X |
| Учтено | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 29 | 30 | 30 | 29 | 30 | 28 | 30 | 29 | 30 | 30 | 30 | 30 | 30 |
| | 2.2/4.3 | 1.9/4.3 | 1.6/3.9 | 1.3/3.3 | 1.6/3.0 | 2.0/2.5 | 3.0/3.7 | 3.5/5.0 | 4.0/6.1 | 4.0/6.3 | 4.0/4.8 | 4.0/5.5 | 4.1/6.1 | 3.8/5.2 | 3.9/5.6 | 3.4/5.4 | 3.6/5.4 | 3.3/5.0 | 3.4/6.0 | 3.0/6.7 | 2.3/5.3 | 2.3/4.8 | 2.3/4.3 | 2.3/4.4 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

fbEs Мгц Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Милютиной

| 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 | E | 1.2 | 1.2 | D1.2R | 2.1 | 2.8 | 3.2 | 3.4 | 4.0 | 4.0 | 3.8 | 4.0 | 3.8 | 4.0 | 3.5 | 3.7 | 5.0 | 5.5 | 3.3 | 3.0 | 2.8 | 2.6 | E1.3B |
| 2 | E | E | 1.8 | 1.5 | G | G | G | 3.2 | 3.5 | 3.8 | 3.6 | 4.0 | 3.6 | G | 3.7 | 3.3 | 3.6 | 6.0 | 4.4 | 2.0 | 1.8 | 2.0 | 6.0 | 2.0 |
| 3 | 2.6 | 1.6 | 2.3 | 2.9 | A9.0A | 2.0 | A5.5A | 3.0 | 4.0 | 4.6 | C | 3.8 | 4.0 | D3.4R | 3.6 | 5.0 | A6.3A | 3.7 | 5.2 | 5.3 | 2.3 | 2.0 | 3.2 | 4.5 |
| 4 | 2.4 | 1.9 | 2.0 | 1.8 | 2.0 | 2.0 | 3.0 | 4.0 | 3.2 | 4.5 | 3.7 | 3.8 | 4.0 | 3.6 | 3.6 | 6.0 | 4.8 | 3.2 | 3.1 | 2.5 | G | 1.8 | E | G |
| 5 | G | G | E | 2.2 | 1.4 | G | 3.0 | 4.0 | 4.0 | A7.3A | 4.5 | 3.6 | 3.6 | 3.4 | 3.6 | 4.0 | A7.7A | A11.2A | 4.4 | A12.6A | 2.9 | A7.0A | 2.8 | 2.0 |
| 6 | 1.7 | E | E | 2.0 | 1.9 | 2.2 | 3.6 | A8.1A | 4.3 | 6.0 | 4.8 | 4.6 | A6.5A | A8.3A | A13.5A | A12.9A | A13.1A | A7.7A | A6.4A | 3.8 | 3.6 | A5.3A | 3.6 | 4.5 |
| 7 | 3.0 | 3.6 | A6.3A | A8.6A | 1.9 | 2.6 | 3.0 | 3.1 | 5.9 | 4.0 | 4.0 | A8.7A | 4.7 | A10.9A | 4.5 | 4.4 | A10.6A | A7.3A | 4.0 | 3.0 | 2.5 | 2.5 | A8.3A | E |
| 8 | 2.1 | 1.7 | 2.2 | D1.3R | D1.3R | 2.1 | 3.6 | 4.5 | 4.6 | 4.9 | 3.7 | 5.6 | 6.4 | 3.6 | 4.0 | 3.4 | 3.4 | 3.0 | 3.3 | 3.1 | 3.0 | 1.5 | 2.0 | 3.3 |
| 9 | 1.9 | 3.0 | 2.7 | E | 2.5 | 1.9 | 3.0 | 4.3 | 5.7 | C | C | C | 4.0 | 5.0 | 4.5 | 4.5 | A8.2A | 4.0 | 5.0 | 3.5 | 6.0 | 6.0 | 3.0 | 1.8 |
| 10 | 1.8 | E | 1.4 | E | 2.1 | 2.3 | 3.1 | 3.2 | 3.6 | 4.0 | 4.0 | 5.0 | 4.8 | 4.9 | 4.6 | 3.5 | 3.1 | 3.0 | 3.0 | 2.0 | 2.0 | 5.3 | 1.9 | 1.3 |
| 11 | 1.8 | G | 1.8 | 1.5 | G | G | 3.0 | 4.0 | 4.8 | 4.8 | 3.9 | 3.7 | G | 3.6 | G | 3.4 | 3.2 | 3.0 | 2.4 | 2.1 | 2.1 | 1.9 | 2.0 | 2.0 |
| 12 | 1.5 | 1.8 | 2.0 | E | 2.0 | 2.3 | 2.7 | A6.3A | 6.5 | D5.4R | 4.6 | 6.0 | 3.6 | 4.1 | A8.3A | 4.0 | 3.6 | 5.0 | 2.9 | A8.0A | 3.6 | 3.7 | 2.3 | 4.0 |
| 13 | 2.2 | 1.8 | 1.8 | 2.2 | 1.8 | 3.7 | A6.3A | A7.2A | 4.2 | 5.0 | 4.0 | 4.0 | D6.0R | 5.0 | 5.0 | 4.3 | 3.3 | 3.9 | 4.0 | 6.0 | 4.5 | 3.0 | 2.3 | 2.3 |
| 14 | 3.0 | 4.0 | 3.0 | 2.5 | E1.6B | 2.1 | 3.0 | 4.5 | A8.3A | A8.3A | A9.0A | 5.0 | A9.8A | 4.8 | 4.2 | 4.6 | 4.8 | A7.3A | 3.4 | A7.5A | A6.0A | 3.5 | 3.0 | A5.5A |
| 15 | 3.6 | 3.5 | 1.7 | 1.5 | G | G | 2.9 | 4.0 | 4.1 | 4.5 | 4.4 | 5.0 | 3.7 | D6.7S | 4.0 | A8.3A | A7.9A | 3.0 | 3.3 | A8.8A | 2.7 | 2.8 | 2.1 | 2.9 |
| 16 | 2.8 | 2.0 | 3.3 | E | G | 2.0 | 2.6 | 4.6 | 4.0 | 4.7 | 4.2 | 3.8 | 3.8 | 3.6 | 4.7 | 4.6 | 4.1 | 3.4 | 3.4 | 3.0 | 5.0 | 1.7 | 1.8 | 2.2 |
| 17 | 3.4 | 2.1 | 3.0 | 2.2 | 1.6 | 2.3 | 3.9 | 4.0 | 3.3 | 3.5 | 3.6 | 3.8 | 4.0 | 3.5 | 3.7 | 5.0 | 3.3 | 4.6 | 4.8 | 2.8 | A5.3A | 3.8 | 2.3 | 3.6 |
| 18 | 4.7 | 3.4 | E | E | 2.4 | 2.0 | 2.6 | 3.7 | 4.5 | 4.0 | 3.6 | 4.0 | 3.5 | 3.9 | 3.7 | 3.1 | G | 3.0 | 2.5 | 2.1 | 1.8 | 2.0 | 2.0 | 2.7 |
| 19 | 3.8 | 1.8 | E | G | D1.3R | 2.2 | 2.8 | 3.8 | 3.5 | 4.2 | 4.0 | 4.0 | 3.8 | 4.0 | 3.6 | G | 3.2 | 3.0 | 2.9 | 3.4 | 4.0 | 1.7 | 1.3 | E1.4B |
| 20 | 1.5 | E | 1.7 | 2.4 | 2.6 | 2.3 | 4.4 | 3.6 | 4.0 | 6.0 | 4.0 | 6.3 | A13.0A | 5.0 | 5.2 | 4.0 | 3.3 | 3.0 | 2.5 | 2.6 | 1.3 | 1.5 | 3.0 | 2.0 |
| 21 | 1.9 | G | G | 1.3 | 1.8 | 2.3 | 3.4 | 3.7 | 4.3 | 3.7 | 3.8 | 3.6 | 5.0 | 3.6 | 4.6 | G | 3.3 | 3.2 | C | 2.0 | E1.4B | 2.0 | 1.6 | 1.9 |
| 22 | E1.5B | 2.0 | 1.6 | 3.9 | 3.5 | 2.0 | 3.1 | 4.6 | A7.0A | 6.3 | 5.2 | 4.0 | C | 4.1 | C | A7.6A | C | 3.0 | A8.5A | A8.1A | A7.5A | 1.6 | 2.1 | 1.6 |
| 23 | 2.4 | 2.2 | 1.5 | 1.3 | 1.5 | 2.0 | 2.7 | 3.9 | 3.6 | 3.6 | 3.9 | 3.7 | 4.2 | 4.0 | 3.6 | 3.4 | 3.5H | 3.2 | 2.5 | 2.9 | 1.5 | 1.4 | 1.5 | 1.7 |
| 24 | 2.1 | 4.0 | 1.6 | 2.0 | 3.0 | 2.6 | 2.6 | 3.5 | 4.0 | 4.0 | D5.6C | 5.2 | 4.3 | D5.4C | 3.8 | D3.3R | 3.4 | 3.7 | 5.8 | 3.4 | G | 2.0 | 3.4 | 3.0 |
| 25 | 2.5 | 2.3 | 1.6 | 1.5 | 2.7 | 2.1 | 4.1 | 4.0 | 3.5 | 3.4 | 4.6 | A8.0A | 4.0 | 4.5 | D3.4R | 4.1 | 4.0 | 4.6 | 6.5 | 6.0 | 3.6 | 1.8 | 2.1 | 1.7 |
| 26 | 4.0 | 1.7 | E1.3B | 1.6 | 1.6 | 4.2 | 3.4 | A12.0A | 3.8 | 3.5 | 4.0 | 4.0 | G | 3.7 | 4.7 | 4.0 | C | 3.9 | 3.0 | 3.6 | 1.8 | 1.5 | 2.1 | 1.6 |
| 27 | 1.6 | 2.3 | 1.8 | 1.7 | 2.0 | 2.0 | 3.0 | 3.3 | 3.5 | 4.0 | 3.7 | 4.1 | 3.8 | 3.6 | 3.5 | G | 3.6 | 3.1 | 3.0 | 3.1 | 1.5 | 1.6 | 2.7 | 1.7 |
| 28 | 1.5 | 1.5 | E1.5S | E1.5S | 1.6 | 2.2 | 2.8 | 4.6 | 4.1 | 4.9 | 3.7 | 4.0 | 4.0 | 3.6 | G | 3.6 | 3.7 | 3.1 | 3.2 | G | 2.9 | 1.7 | 1.7 | 1.8 |
| 29 | 4.4 | 4.0 | 1.4 | 2.2 | 1.6 | 2.3 | 3.0 | 3.2 | D5.4C | 3.5 | 4.4 | 4.0 | 4.4 | 3.7 | 3.4 | 3.4 | 3.4 | 3.0 | 3.9 | 2.5 | 1.8 | G | E | E1.5B |
| 30 | G | 1.5 | 1.5 | E | G | 2.0 | 2.6 | 5.4 | 4.2 | 4.9 | 4.4 | 3.9 | 4.5 | 3.6 | 4.3 | A8.3A | 5.5 | 3.3 | 4.0 | 2.3 | 2.6 | 3.2 | 3.2 | 4.0 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 2.1 | 1.8 | 1.6 | 1.5 | 1.7 | 2.1 | 3.0 | 4.0 | 4.0 | 4.5 | 4.0 | 4.0 | 4.0 | 3.8 | 4.0 | 4.0 | 3.6 | 3.4 | 3.4 | 3.1 | 2.6 | 2.0 | 2.2 | 2.0 |
| Учтено | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 29 | 29 | 30 | 29 | 30 | 28 | 30 | 29 | 30 | 30 | 30 | 30 | 30 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20сек ~~мин~~.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

fmin Мгц Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55' E широта 43°15' N

поясное время 75° E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Борисенко

| 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 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 | 1.0 | 1.3 | 1.8 | 1.5 | 1.7 | 1.8 | 1.9 | 1.9 | 1.7 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 |
| 2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.0 | 1.2 | 1.5 | 1.4 | 1.4 | 1.5 | 1.8 | 1.8 | 1.7 | 1.5 | 1.8 | 1.4 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.3 | 1.3 | C | 1.4 | 1.6 | 1.8 | 1.3 | 1.8 | 1.3 | 1.3 | 1.0 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.8 | 1.4 | 1.8 | 1.7 | 1.6 | 1.6 | 1.5 | 1.4 | 1.5 | 1.0 | 1.0 | 1.8 | 1.0 | 1.0 | 1.0 |
| 5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 1.3 | 2.0 | 1.6 | 1.8 | 1.4 | 1.7 | 1.2 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.8 | 1.6 | 1.4 | 1.4 | 1.6 | 1.9 | 1.7 | 1.9 | 2.0 | 2.0 | 1.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.5 | 1.8 | 2.0 | 1.5 | 2.0 | 2.0 | 1.5 | 1.4 | 1.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.5 | 1.6 | 1.4 | 1.5 | 1.7 | 1.7 | 1.4 | 1.8 | 1.4 | 1.7 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | C | C | C | 1.5 | 1.9 | 1.7 | 1.8 | 1.5 | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 10 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.4 | 1.9 | 1.5 | 1.9 | 1.4 | 1.8 | 2.0 | 2.0 | 2.0 | 1.4 | 1.2 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 11 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.2 | 1.7 | 1.6 | 1.6 | 1.4 | 1.7 | 1.7 | 1.6 | 1.5 | 1.3 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 12 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 1.3 | 1.7 | 1.3 | 1.4 | 1.5 | 1.8 | 1.6 | 2.1 | 1.4 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 13 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 | 1.4 | 1.7 | 1.6 | 1.4 | 1.3 | 1.8 | 1.9 | 1.7 | 1.4 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 14 | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 1.3 | 1.3 | 1.8 | 1.5 | 2.2 | 2.1 | 2.1 | 2.2 | 2.2 | 1.7 | 2.1 | 2.0 | 1.7 | 1.5 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 15 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.7 | 1.3 | 1.3 | 1.2 | 1.4 | 1.8 | 1.7 | 1.3 | 1.6 | 1.4 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 |
| 16 | 1.0 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.6 | 1.7 | 1.7 | 1.9 | 1.8 | 1.2 | 1.7 | 1.4 | 1.2 | 1.7 | 1.7 | 1.9 | 1.0 | 1.0 | 1.0 | 1.0 |
| 17 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.0 | 1.5 | 1.5 | 1.8 | 1.5 | 1.6 | 1.5 | 1.6 | 1.4 | 1.8 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 18 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.6 | 1.4 | 1.9 | 1.8 | 1.8 | 1.8 | 1.9 | 1.5 | 1.3 | 1.3 | 1.4 | 1.0 | 1.0 | 1.5 | 1.0 | 1.0 |
| 19 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.0 | 1.5 | 1.5 | 1.5 | 1.8 | 1.5 | 1.8 | 1.6 | 1.8 | 1.4 | 1.7 | 1.5 | 1.5 | 1.0 | 1.1 | 1.0 | 1.4 |
| 20 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.5 | 1.4 | 1.5 | 1.9 | 2.0 | 2.0 | 2.0 | 1.8 | 2.0 | 1.5 | 1.4 | 1.5 | 1.5 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 |
| 21 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.9 | 1.5 | 1.8 | 1.8 | 2.0 | 2.0 | 2.0 | 1.6 | 1.4 | 1.4 | C | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 |
| 22 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.4 | 1.4 | 1.8 | 1.9 | 2.0 | 2.0 | 2.3 | 1.4 | C | 1.5 | C | 1.6 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 23 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 1.6 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.3 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 24 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 | 1.6 | 1.7 | 2.0 | 1.6 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 25 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 1.3 | 1.5 | 1.6 | 1.7 | 1.4 | 1.6 | 1.5 | 1.4 | 1.5 | 1.4 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 26 | 1.3 | 1.4 | 1.3 | 1.5 | 1.0 | 1.0 | 1.3 | 1.6 | 1.4 | 1.4 | 1.5 | 1.7 | 1.5 | E1.4S | E1.8C | 1.7 | C | 1.5 | 1.5 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 27 | E1.4S | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.5 | 1.2 | 1.5 | 1.4 | 1.3 | 1.4 | 1.7 | 1.8 | 1.6 | 1.6 | 1.6 | 1.5 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 28 | 1.0 | 1.0 | E1.5S | E1.5S | 1.0 | 1.4 | 1.0 | 1.2 | 1.2 | 1.2 | 1.3 | 1.5 | 1.6 | 1.6 | 1.4 | 1.7 | 1.6 | 1.2 | 1.2 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 |
| 29 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 | 1.5 | 1.6 | 1.4 | 1.2 | 1.6 | 1.5 | 1.5 | 1.8 | 1.8 | 1.4 | 1.2 | 1.4 | 1.2 | 1.0 | 1.0 | 1.0 | 1.5 |
| 30 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.3 | 1.2 | 1.2 | 1.5 | 1.8 | 1.7 | 1.5 | 1.5 | 1.7 | 1.5 | 1.5 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.3 | 1.5 | 1.5 | 1.5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.4 | 1.4 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Учтено | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 29 | 29 | 30 | 30 | 29 | 30 | 28 | 30 | 29 | 30 | 30 | 30 | 30 | 30 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

(M3000)F2 Июнь 1973 г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Милютиной

| 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 | S | U2.80S | 2.85 | 3.00 | 2.95 | U2.85S | U2.80S | 3.00 | 2.85 | 3.15 | U2.95S | 2.95 | 2.85 | 3.00 | 3.00 | 2.90 | 3.00 | U3.10S | 3.10 | 3.10 | U3.05S | 3.00 | U2.95S | S |
| 2 | U3.10S | U3.05S | U2.95S | 3.05 | 2.95 | U3.20S | U3.10S | U2.85S | 3.00 | U3.00S | 2.90 | 2.95 | 2.95 | 3.05 | 2.95 | U2.75S | U3.00S | A | 2.85 | U2.85S | 3.05 | U2.80S | U3.30S | U2.90S |
| 3 | U3.00S | U2.75S | U3.10S | 2.70 | A | 3.10 | A | U2.60R | U2.60R | A | C | G | R | R | 2.85 | A | A | 3.00 | S | S | S | U2.95S | U2.80S | A |
| 4 | U2.80S | U2.90S | U2.85S | U3.00S | U2.95S | U2.70S | U3.05S | U3.20S | 2.85 | 3.05 | 3.20 | S | U2.80S | 2.90 | U2.85S | 3.05 | 3.15 | S | 3.35 | U3.35S | S | U2.80S | S | U3.00S |
| 5 | U3.10S | 2.80 | 3.05 | U2.80S | 2.95 | 2.80 | U3.00S | U3.10S | U2.80S | A | U2.60S | U2.90S | U2.80C | C | C | U3.00C | A | A | 3.05 | A | U3.15C | A | U2.90S | U2.95S |
| 6 | U3.00N | U2.80S | U2.85S | 2.85 | U2.95N | 3.30 | U3.45C | A | 2.95 | A | 3.15 | S | A | A | A | A | A | A | S | U2.70S | S | A | U2.80S | S |
| 7 | S | U2.80S | A | A | U3.15F | 3.10 | 3.30 | U3.05S | A | U3.30S | 3.05 | A | 3.05 | A | 3.00 | 3.25 | A | A | 3.10 | U3.25S | S | S | A | U3.10S |
| 8 | F | 2.90 | U2.90S | U2.95S | U2.95N | 3.00 | U3.10S | U3.05S | U3.30S | U2.90S | U2.80S | U3.10S | A | S | U3.10S | U3.00S | U2.85S | 3.15 | 3.10 | 3.10 | U3.00S | S | U3.05S | S |
| 9 | U2.80S | U2.95S | U3.05S | 3.05 | 3.10 | 3.50 | 2.95 | 3.05 | A | C | C | C | U3.00S | 2.80 | 3.10 | 3.05 | A | S | A | 3.00 | A | A | U3.10S | U3.10S |
| 10 | U3.05S | U2.95S | 2.80 | 2.80 | U2.80S | U3.05S | U3.10S | 2.90 | 3.00 | 3.05 | 3.00 | U2.75S | 2.95 | 3.05 | 2.90 | U2.85S | 3.05 | 3.00 | U3.15S | U3.05S | U3.10S | S | S | S |
| 11 | S | U2.75S | 2.75 | U2.85S | U2.80N | U2.95S | U2.60S | U2.85S | 2.95 | 2.80 | 2.85 | 2.60 | U2.80S | 2.85 | 3.05 | U2.80S | U2.90S | 3.05 | U3.10S | U3.05S | U3.10S | U2.85S | C | U2.80S |
| 12 | U2.85S | U2.80S | U2.85S | U2.95S | 3.05 | U3.10S | 2.80 | A | A | R | 2.75 | S | U2.90S | 2.85 | A | 3.00 | U3.00S | 3.00 | 3.00 | A | U3.10S | U2.85S | U2.80S | U2.85S |
| 13 | U2.85S | U3.00S | S | U3.05S | 3.20 | A | A | A | U3.00R | 2.90 | 2.90 | R | R | 2.90 | U2.95S | 2.95 | U3.05S | S | 3.00 | A | U3.05S | U2.95S | U2.85S | U2.85S |
| 14 | U2.80S | U2.80S | U2.90S | U2.95F | 2.95F | U3.40S | 2.60 | G | A | A | A | U2.80R | A | U3.00S | U2.50S | 2.60 | C | A | U2.85S | A | C | U2.85S | U3.10S | A |
| 15 | C | S | 2.95 | U2.85S | 2.80 | 2.80 | U3.00S | U2.85S | 2.80 | U3.00C | U2.80C | 2.80 | 2.95 | A | 2.80 | A | A | 2.95 | U2.90S | A | 2.95 | C | U3.25S | 2.80 |
| 16 | 2.70 | 2.80N | 2.80 | 2.80 | 3.05 | 2.90 | U3.05S | U3.25S | S | S | U3.05S | U2.80S | 2.90 | 2.80 | U2.80S | U3.00S | S | S | U2.95S | U3.05S | U3.05S | S | U3.00S | U2.80S |
| 17 | U2.80S | S | U2.80S | U2.75S | 2.80 | 2.85 | 2.90 | U2.80S | U2.60C | U2.90C | C | U2.70C | C | C | C | U2.95C | C | 3.00 | C | C | A | C | U3.05C | C |
| 18 | S | S | U2.85S | U2.80F | 2.85 | 2.50 | U2.50C | 3.20 | C | 2.55 | C | C | U2.80C | U2.70C | C | 2.70 | U3.00S | 2.95 | 3.05 | U3.10S | U3.10C | U2.90S | C | C |
| 19 | S | 2.75 | S | 2.80 | U2.90S | 3.00 | 2.85 | 2.65 | 2.90 | U2.70C | U2.90S | 2.75 | U2.80S | 2.80 | U2.80S | 2.90 | 3.00 | 3.20 | U3.05S | S | S | U3.00S | S | S |
| 20 | U2.80S | S | 2.80 | 2.80 | 2.80 | 3.05 | 2.85 | U2.90S | 3.00 | A | 3.00 | A | A | 2.80 | 2.85 | 2.85 | 2.80 | 2.90 | 3.05 | U3.05S | U3.05S | U2.95S | 2.70 | 2.65 |
| 21 | S | 2.80 | 2.80 | U2.90S | 2.90 | 2.85 | U2.75S | U2.65S | 2.65 | U2.60S | 2.80 | U2.90S | S | 2.60 | U2.95S | U3.00S | 2.85 | 3.05 | C | S | 3.00 | U2.95S | U3.15S | U3.05S |
| 22 | 2.95 | 2.85 | 2.90N | A | 2.90 | 3.00 | U3.10S | U3.10S | A | C | 2.90 | U3.00S | C | 3.00 | C | A | C | 2.85 | A | A | A | S | U2.90S | U2.95S |
| 23 | S | S | U3.10S | U3.10S | 2.85 | 3.30 | U3.10S | U3.00S | 2.80 | 2.85 | 3.00 | 3.00 | 2.85 | 2.80 | U2.80S | U2.80S | U2.80S | U2.95S | 3.05 | U3.05S | U2.95S | U3.00S | S | S |
| 24 | S | S | U2.70S | U2.80S | U2.90S | S | U2.95C | 2.80 | C | C | U2.80C | C | C | U2.80C | 3.05 | S | 2.80 | U2.80C | 2.90 | 2.85 | U3.00S | S | U2.65C | S |
| 25 | U2.65S | S | S | U2.80S | 2.80 | U3.00S | U3.35S | U2.80S | U2.70S | 2.80 | 2.95 | A | 2.80 | U2.80S | 2.80 | 2.85 | 2.85 | 2.90 | A | 3.00 | U3.05S | S | U2.70S | 2.85 |
| 26 | S | S | U2.85S | U2.90S | U2.90S | S | C | A | 3.00 | C | S | U2.90S | S | 2.80 | 3.10 | C | C | 2.80 | U2.90C | U2.80C | C | C | 3.00 | U3.00S |
| 27 | S | U2.90S | 2.80 | 2.80 | 2.90 | 3.00 | 2.95 | U3.00C | 2.90 | 2.80 | U2.90S | S | S | U2.85C | 2.80 | 2.95 | U2.85S | U3.00S | U3.00S | U2.90S | U3.00S | U3.25S | U3.00S | S |
| 28 | U2.85S | U2.75S | 2.80 | 2.90 | 2.90 | 2.95 | U2.95S | 3.10 | 2.95 | U2.80C | 2.80 | C | C | 2.95 | 2.95 | 2.95 | 2.80 | U2.80S | U3.00S | 2.95 | 3.00 | U3.05S | U2.80S | 2.85 |
| 29 | S | U2.80S | U2.80S | 2.90 | 3.00 | U2.40R | 2.65 | U2.80R | C | 3.10 | U2.95R | U2.85R | 2.70 | 3.05 | U2.60R | U2.90R | 2.85 | U2.85R | U2.90S | 3.05 | U3.00S | U2.80S | U2.85S | U2.65S |
| 30 | 2.70 | U2.95S | U2.80S | 2.70 | U2.80F | 2.90 | 2.85 | U2.95R | 2.60 | 2.95 | 2.60 | 2.75 | 2.95 | 3.05 | U2.90R | A | R | 3.00 | U2.85S | U3.00S | U3.00S | U2.90S | S | S |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.20 | 0.10 | 0.10 | 0.15 | 0.15 | 0.25 | 0.30 | 0.25 | 0.25 | 0.25 | 0.20 | 0.20 | 0.15 | 0.20 | 0.20 | 0.15 | 0.15 | 0.10 | 0.20 | 0.20 | 0.10 | 0.15 | 0.25 | 0.20 |
| Медиана | U2.85S | U2.80S | U2.85S | U2.85S | 2.90 | 3.00 | U2.95S | U2.90S | 2.90 | 2.90 | 2.90 | U2.80S | 2.85 | 2.85 | 2.90 | 2.95 | 2.90 | 3.00 | 3.00 | U3.05S | U3.05S | U2.95S | U2.90S | U2.85S |
| Учтено | 17 | 22 | 26 | 28 | 29 | 27 | 27 | 26 | 21 | 19 | 24 | 18 | 17 | 23 | 24 | 23 | 18 | 21 | 23 | 20 | 20 | 17 | 22 | 17 |
| | 2.80/3.00 | 2.80/2.90 | 2.80/2.90 | 2.80/2.95 | 2.80/2.95 | 2.85/3.10 | 2.80/3.10 | 2.80/3.05 | 2.75/3.00 | 2.80/3.05 | 2.80/3.00 | 2.75/2.95 | 2.80/2.95 | 2.80/3.00 | 2.80/3.00 | 2.85/3.00 | 2.85/3.00 | 2.90/3.00 | 2.90/3.10 | 2.90/3.10 | 3.00/3.10 | 2.85/3.00 | 2.80/3.05 | 2.80/3.00 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20сек ~~мин~~.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

(M3000)F1 Июнь 1973 г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

# ИОНОСФЕРНЫЕ ДАННЫЕ

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Борисенко

| 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 | 3.75 | 3.65 | A | U3.90R | R | 3.85 | 3.85 | 3.65 | 3.80 | 3.55 | A | A | | | | | | | |
| 2 | | | | | | L | L | L | U3.95L | 4.00 | R | A | S | R | 3.70 | S | S | A | A | L | | | | | | |
| 3 | | | | | | | A | 3.95 | R | A | C | R | R | R | U3.85R | A | A | A | A | | | | | | | |
| 4 | | | | | | | L | A | 3.75 | A | 3.90 | S | A | 3.95 | 3.65 | A | A | A | A | | | | | | | |
| 5 | | | | | | 3.30 | A | A | A | A | A | 3.65 | 3.50 | 3.65 | U3.70C | A | A | A | A | | | | | | | |
| 6 | | | | | | L | | A | A | A | A | A | A | A | A | A | A | A | A | | | | | | | |
| 7 | | | | | | L | L | 3.55 | A | A | A | A | A | A | A | A | A | A | A | | | | | | | |
| 8 | | | | | | L | A | A | A | A | S | A | A | 3.90 | S | L | 3.70 | 3.60 | L | | | | | | | |
| 9 | | | | | | | 3.30 | A | A | C | C | C | 3.90 | A | A | A | A | A | A | | | | | | | |
| 10 | | | | | | L | L | L | L | U3.65S | A | A | A | A | A | 3.60 | 3.50 | U3.50L | L | | | | | | | |
| 11 | | | | | | L | L | L | A | A | R | 3.90 | R | L | 3.75 | L | 3.45 | 3.40 | L | L | | | | | | |
| 12 | | | | | | | 3.85 | A | A | A | A | A | U3.90L | A | A | L | U3.50L | A | L | | | | | | | |
| 13 | | | | | | | A | A | A | A | R | R | A | A | A | A | 3.60 | L | A | | | | | | | |
| 14 | | | | | | L | L | A | A | A | A | A | A | A | A | A | A | A | A | | | | | | | |
| 15 | | | | | | L | 3.40 | L | A | A | A | A | 3.85 | A | A | A | A | 3.40 | A | | | | | | | |
| 16 | | | | | | L | 3.30 | A | A | A | A | R | 3.95 | 3.75 | A | A | A | L | L | | | | | | | |
| 17 | | | | | | 3.20 | A | 3.40 | A | 3.95 | C | 3.90 | C | C | C | A | 3.45 | A | A | | | | | | | |
| 18 | | | | | | L | 3.50 | A | A | A | U3.55S | A | 3.70 | 3.60 | 3.55 | 3.50 | 3.45 | 3.50 | U3.50L | L | | | | | | |
| 19 | | | | | | | U3.85L | A | U3.50R | A | 3.90 | 3.70 | 3.75 | 3.55 | 3.60 | 3.75 | 3.50 | 3.85 | L | | | | | | | |
| 20 | | | | | | L | A | A | A | A | 3.60 | A | A | A | A | A | 3.50 | 3.65 | L | | | | | | | |
| 21 | | | | | | L | A | A | A | 4.00 | 3.85 | R | A | 3.90 | A | 3.70 | 3.65 | U3.45L | C | | | | | | | |
| 22 | | | | | | L | L | A | A | A | A | R | C | 3.50 | C | A | C | 4.00 | A | | | | | | | |
| 23 | | | | | | | L | L | U3.65S | 3.90 | S | A | S | S | S | U3.80S | S | L | U3.25L | | | | | | | |
| 24 | | | | | | | L | 3.45 | A | A | C | A | A | A | 3.55 | 3.75 | 3.60 | L | A | | | | | | | |
| 25 | | | | | | | A | A | U3.40L | L | A | A | A | A | 3.80 | A | A | A | A | | | | | | | |
| 26 | | | | | | | | A | A | 3.85 | U3.75S | A | 3.60 | U3.65A | C | A | C | L | L | | | | | | | |
| 27 | | | | | | | L | 3.85 | 3.90 | A | 3.95 | A | U3.95S | A | 3.95 | 3.95 | A | 3.75 | A | A | | | | | | |
| 28 | | | | | | L | 3.55 | A | A | A | 3.65 | U3.60S | 3.85 | 3.90 | 3.65 | 3.60 | A | 3.25 | U3.55L | U3.65L | | | | | | |
| 29 | | | | | | L | 3.30 | 3.40 | C | 3.80 | A | A | A | 3.95 | U3.55R | 3.60 | 3.40H | U3.40L | A | | | | | | | |
| 30 | | | | | | L | U3.00L | A | A | A | A | U3.55S | A | 3.80 | A | A | A | A | A | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | 3.25 | 3.40 | 3.55 | 3.65 | 3.90 | 3.85 | 3.70 | 3.85 | 3.80 | 3.65 | 3.70 | 3.50 | 3.50 | U3.50L | U3.65L | | | | | | |
| Учтено | | | | | | 2 | 9 | 7 | 7 | 7 | 9 | 6 | 11 | 13 | 13 | 10 | 13 | 12 | 3 | 1 | | | | | | |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20сек. мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

h'F Км Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Милютиной

| 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 | E245E | E255E | E250A | E255A | E255A | 250 | 245 | 240 | 220 | I205A | 200 | 190 | 200 | 200 | 220 | 205 | 255 | I240A | I255A | 250 | E245A | E250A | E250A | E245B |
| 2 | E225E | E220E | E240A | E235A | E250E | 230 | 205 | 220 | 195 | 190 | 175 | I200A | 200 | 210 | 200 | 220 | 250 | I240A | I240A | 260 | E235A | E250A | E255A | E250A |
| 3 | E250A | E270A | E250A | E340A | A | 230 | I245A | 225 | 250 | I200A | I200C | 200 | 200 | 195 | 205 | A | A | A | A | A | E240A | E255A | E310A | A |
| 4 | E275A | E275A | E280A | E250A | E275A | 245 | 225 | I220A | 200 | I200A | 200 | 190 | I195A | 195 | 195 | I220A | I210A | I200A | I215A | E230A | E250B | E255A | E245E | E245E |
| 5 | E230E | E250E | E225E | E290A | E280A | 245 | A | A | A | A | I195A | 185 | 185 | 260 | 200 | A | A | A | A | A | E240A | A | E250A | E240A |
| 6 | E250A | E250E | E255E | E270A | E255A | 240 | 215 | A | A | A | A | A | A | A | A | A | A | A | A | E245A | E270A | A | E305A | E265A |
| 7 | E300A | E345A | A | A | E245A | 245 | 225 | 210 | I205A | I200A | I195A | A | A | A | A | A | A | A | A | E250A | E225A | E245A | A | E205E |
| 8 | E250A | E250A | E275A | E250A | E250A | 235 | A | A | A | A | 185 | A | A | 170 | I215A | 195 | 210 | 200 | I205A | E250A | E250A | E250A | E245A | E265A |
| 9 | E265A | E250A | E250A | E215E | E250A | 200 | 230 | A | A | C | C | C | 200 | A | A | A | A | A | A | E250A | E305A | E350A | E240A | E215A |
| 10 | E245A | E240E | E265A | E225E | E300A | 235 | 225 | 225 | 200 | 205 | I225A | A | A | A | I200A | 200 | 195 | 220 | 240 | 260 | E245A | A | E250A | E215A |
| 11 | E250A | E270E | E305A | E265A | 295 | 250 | 230 | A | A | I205A | 200 | 195 | 200 | 195 | 200 | 200 | 235 | 220 | 235 | 250 | E240A | E245A | E250A | E270A |
| 12 | E270A | E290A | E255A | E240E | E245A | 255 | 225 | A | A | A | I225A | I205A | 200 | E245A | I230A | I240A | 255 | I245A | 230 | A | E255A | E320A | E300A | E300A |
| 13 | E290A | E250A | E250A | E250A | 225 | E350A | A | A | A | I235A | 205 | 205 | A | A | I215A | I230A | 200 | I225A | A | E310A | E275A | E280A | E290A | E300A |
| 14 | E300A | E305A | E295A | E300A | 290 | 240 | 250 | A | A | A | A | I225A | I230A | I220A | I245A | I245A | I240A | I235A | A | A | A | E300A | E250A | A |
| 15 | E320A | E345A | E265A | E250A | 255 | 250 | 245 | A | A | A | A | A | 200 | A | A | A | A | 230 | A | A | E250A | E250A | E205A | E305A |
| 16 | E300A | E285A | E355A | E270E | 250 | 240 | 205 | I225A | I205A | I200A | I185A | 185 | 175 | 195 | A | A | A | A | I245A | 250 | E290E | E240A | E235A | E270A |
| 17 | E310A | E265A | E320A | E325A | 260 | 275 | I250A | 240 | I220A | 200 | 200 | 200 | I200A | 225 | 245 | I205A | 240 | A | A | 250 | A | E300A | E250A | E315A |
| 18 | E305A | E340A | E250E | E270E | E295A | 255 | 250 | A | A | A | 200 | I200A | 190 | 185 | 200 | 220 | 240 | 215 | 245 | 240 | 215 | E250A | E285A | E255A |
| 19 | E300A | E280A | E260E | E265E | 275 | 245 | 240 | A | 220 | A | 200 | 210 | 200 | E215A | 220 | 200 | 220 | 200 | 245 | E265A | E280A | E245A | E235A | E250B |
| 20 | E255A | E260E | E265A | E300A | E300A | 280 | A | A | A | A | A | A | A | A | A | I195A | E215A | 215 | 230 | 240 | 220 | E235A | E320A | E300A |
| 21 | E245A | E255E | E255E | 255 | E260A | 235 | I240A | I225A | I205A | 195 | 195 | 200 | I185A | 190 | I185A | 220 | 205 | 230 | I220C | 235 | 235 | E250A | E230A | E240A |
| 22 | E240A | E265A | E265A | E340A | E325A | 210 | 240 | A | A | A | A | 190 | I195C | 250 | C | A | C | 245 | I245A | A | A | E250A | E290A | E260A |
| 23 | E275A | E290A | E250A | E245A | 255 | 240 | 225 | I215A | 205 | 200 | 220 | 195 | 205 | 200 | 250 | 205 | 240 | 250 | 250 | 250 | 235 | E255A | E245A | E245A |
| 24 | E255A | E300A | E295A | E265A | 295 | 250 | 205 | 240 | I250A | I230A | I205A | I205A | A | A | 200 | 200 | 245 | A | A | E255A | 230 | E250A | E300A | E300A |
| 25 | E305A | E285A | E250A | E240A | E320A | 245 | I245A | I225A | 220 | 210 | A | A | A | I205A | 200 | I220A | A | A | A | E300A | E250A | E245A | E295A | E250A |
| 26 | E300A | E255A | E250B | E250A | E255A | E300A | 260 | I220A | I200A | 200 | A | A | 205 | 200 | C | A | C | A | A | E300A | E250A | E245A | E235A | E245A |
| 27 | E250A | E295A | E280A | E295A | E255A | 245 | 230 | 240 | 225 | I225A | 200 | I195A | 200 | I200A | 200 | 200 | I215A | 250 | I250A | I260A | 250 | E220A | E250A | E250A |
| 28 | E250A | E265A | E290S | E255S | 270 | 250 | 235 | A | A | A | 205 | I210A | 205 | 200 | 200 | 220 | I225A | 240 | I240A | 255 | 275 | E240A | E265A | E255A |
| 29 | E260A | E330A | E260A | E260A | 260 | 250 | 250 | 230 | I210C | 205 | I205A | A | I205A | 200 | 205 | 225 | 225H | 240 | I250A | 250 | 245 | E260E | E230E | E300B |
| 30 | E280E | E240A | E285A | E250E | 300 | 255 | 245 | I240A | I230A | A | A | 250 | I210A | 200 | A | A | A | A | A | 265 | 250 | E270A | E325A | E380A |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| | — | — | — | — | — | 10 | 20 | 20 | 20 | 10 | 10 | 15 | 10 | 15 | 20 | 20 | 30 | 25 | 20 | 10 | E20 | — | — | — |
| Медиана | E260A | E270A | E260A | E255A | E260A | 245 | 240 | 225 | 210 | 200 | 200 | 200 | 200 | 200 | 200 | 210 | 225 | 230 | 240 | U245 | E250A | E250A | E250A | E255A |
| Учтено | 30 | 30 | 29 | 29 | 29 | 30 | 26 | 16 | 17 | 17 | 21 | 20 | 22 | 22 | 21 | 20 | 19 | 19 | 17 | 24 | 27 | 27 | 29 | 28 |
| | E250/E300 | E250/E290 | E250/E280 | E250/E280 | E250/E280 | 240/250 | 225/245 | 220/240 | 200/220 | 200/210 | 195/205 | 190/205 | 195/205 | 195/210 | 200/220 | 200/220 | 210/240 | 215/240 | 230/250 | 245/255 | 235/E255 | E245/E260 | E240/E290 | E245/E300 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек ~~мин.~~

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

R'F2 Км Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз. ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Кокориной

| 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 | 335 | 290 | 300 | 260 | 305 | 305 | 335 | 300 | 300 | 315 | 300 | 290 | E290A | | | | | |
| 2 | | | | | | 255 | 255 | 290 | 295 | 280 | 305 | 305 | 300 | 275 | 300 | 350 | 290 | I295A | 295 | 270 | | | | |
| 3 | | | | | | | I325A | 385 | 400 | 430 | I365C | 370 | 360 | 440 | 335 | 390 | I345A | 305 | I280A | | | | | |
| 4 | | | | | | | 270 | 250 | 400 | 295 | 270 | I385S | 345 | 315 | 330 | I290A | 275 | I260A | 240 | | | | | |
| 5 | | | | | | 350 | 300 | 290 | 340 | I335A | 375 | 320 | 350 | 305 | 350 | 305 | A | A | A | | | | | |
| 6 | | | | | | 250 | | I315A | 320 | I280A | 285 | 355 | I325A | A | A | A | A | A | A | | | | | |
| 7 | | | | | | 265 | L | 300 | I300A | 265 | 300 | I300A | 300 | I340A | 305 | 270 | A | A | E280A | | | | | |
| 8 | | | | | | 275 | 255 | I285A | 260 | 320 | 340 | 390 | I390A | 345 | 295 | 300 | 335 | 275 | 260 | | | | | |
| 9 | | | | | | | 320 | 295 | A | C | C | C | 300 | 350 | 285 | 300 | I295A | 300 | E300A | | | | | |
| 10 | | | | | | 260 | 250 | 295 | 275 | 275 | 290 | 355 | 305 | 300 | 310 | 325 | 295 | 300 | 270 | | | | | |
| 11 | | | | | | 305 | 340 | 340 | 315 | 345 | 340 | 390 | 325 | 320 | 275 | 355 | 320 | 295 | 260 | 250 | | | | |
| 12 | | | | | | | 345 | I375A | I300A | I330A | 345 | 320 | 305 | 320 | I315A | 290 | 300 | 300 | 275 | | | | | |
| 13 | | | | | | | A | A | 305 | 320 | 305 | 350 | I345A | 305 | 305 | 310 | 290 | 300 | 285 | | | | | |
| 14 | | | | | | 250 | 400 | 440 | A | A | I320A | 350 | I345A | 310 | 405 | 390 | 340 | I350A | 310 | | | | | |
| 15 | | | | | | 335 | 300 | L | 315 | 305 | 345 | 355 | 305 | I315A | 345 | I330A | I305A | 300 | 290 | | | | | |
| 16 | | | | | | 305 | 280 | 255 | 345 | 305 | 355 | 345 | 320 | 350 | 325 | 295 | 295 | 295 | 295 | | | | | |
| 17 | | | | | | 350 | 325 | 350 | 380 | 325 | 305 | 360 | 355 | 355 | 345 | 310 | 300 | 300 | E295A | | | | | |
| 18 | | | | | | 410 | 405 | 375 | 340 | 405 | 300 | 300 | 350 | 450 | 385 | 355 | 290 | 295 | 260 | 245 | | | | |
| 19 | | | | | | | 340 | 375 | 330 | 365 | 325 | 360 | 350 | 355 | 345 | 320 | 285 | 255 | L | | | | | |
| 20 | | | | | | 290 | A | 320 | 300 | I290A | 300 | A | A | 345 | 325 | 320 | 335 | 300 | 260 | | | | | |
| 21 | | | | | | 335 | 360 | 385 | 380 | 395 | 345 | 325 | 410 | 400 | 320 | 310 | 335 | 300 | I265C | | | | | |
| 22 | | | | | | 240 | 290 | 285 | I325A | I330A | 320 | 300 | I300C | 310 | C | A | C | 300 | A | | | | | |
| 23 | | | | | | | 290 | 290 | 350 | 305 | 310 | 300 | 320 | 340 | 350 | 350 | 350 | 310 | 270 | | | | | |
| 24 | | | | | | | 300 | 340 | 355 | 310 | 350 | 300 | 275 | 350 | 295 | 355 | 350 | 310 | I265A | | | | | |
| 25 | | | | | | | 250 | 295 | 365 | 295 | 300 | I300A | 345 | 345 | 350 | 330 | 320 | 310 | E355A | | | | | |
| 26 | | | | | | | | I300A | 295 | 355 | 375 | 325 | 335 | 340 | 295 | 340 | I325C | 345 | 300 | | | | | |
| 27 | | | | | | | 300 | 300 | 325 | 350 | 325 | 300 | I345S | 340 | 355 | 315 | 340 | 300 | 290 | 295 | | | | |
| 28 | | | | | | L | 300 | 280 | 300 | 330 | 340 | 380 | 330 | 305 | 300 | 315 | 345 | 350 | 295 | 260 | | | | |
| 29 | | | | | | L | 380 | 350 | I350C | 285 | 315 | 415 | 355 | 280 | 400 | 310 | 330 | 330 | 300 | | | | | |
| 30 | | | | | | | L | 325 | E300A | 390 | 305 | 400 | 350 | 300 | 295 | 325 | A | A | 305 | 320 | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 80 | 55 | 60 | 50 | 60 | 45 | 65 | 45 | 45 | 50 | 35 | 45 | 15 | 30 | 45 | | | | |
| Медиана | | | | | | 290 | 300 | 300 | 325 | 320 | 320 | 350 | 335 | 340 | 320 | 320 | 320 | 300 | U280 | 265 | | | | |
| Учтено | | | | | | 15 | 24 | 28 | 28 | 28 | 29 | 28 | 29 | 29 | 28 | 28 | 25 | 26 | 26 | 6 | | | | |
| | | | | | | 255/335 | 285/340 | 290/350 | 300/350 | 290/350 | 300/345 | 300/365 | 305/350 | 305/350 | 300/350 | 310/345 | 295/340 | 295/310 | 265/295 | 250/295 | | | | |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек. ~~мин.~~

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

# ИОНОСФЕРНЫЕ ДАННЫЕ

R'E Km Июнь 1973г.
(характеристика) (единицы) (месяц) (год)

Станция Алма-Ата

Долгота 76°55'E широта 43°15'N

поясное время 75°E

Академия Наук Каз ССР
(институт)

Кем составлена Зеленковой

Кем подсчитана Кокориной

| 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 | | | | | A | 105 | 105 | 100 | 100 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 100 | 100 | 100 | A | | | | | |
| 2 | | | | | E | E110B | 100 | 95 | 95 | 90 | 95 | 90 | 95 | 95 | 95 | 95 | 95 | 95 | 100 | E | A | | | | | |
| 3 | | | | | A | 105 | 100 | 95 | 95 | 95 | I95C | 95 | 90 | 95 | 95 | 95 | A | A | A | B | A | | | | | |
| 4 | | | | | A | A | 100 | 100 | 100 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 95 | 95 | 100 | B | | | E | | |
| 5 | E | E | | | A | E120B | 95 | 90 | 85 | 85 | 85 | 85 | 90 | 85 | 90 | 95 | 95 | 95 | 95 | A | A | | | | | |
| 6 | | | | | | A | 100 | 95 | 95 | 90 | 90 | 90 | 90 | 90 | 90 | 95 | 95 | 95 | A | A | A | | | | | |
| 7 | | | | | | A | 95 | 90 | 90 | 90 | 90 | 85 | 90 | 90 | 95 | 90 | 95 | 95 | 95 | 100 | | | | | | |
| 8 | | | | | A | A | 95 | 90 | 90 | 90 | 90 | 90 | 95 | 90 | 90 | 90 | 90 | 95 | 95 | 95 | A | | | | | |
| 9 | | | | | | A | 95 | 95 | 90 | C | C | C | 90 | 90 | 90 | 90 | 95 | 95 | 100 | 105 | A | | | | | |
| 10 | | | | | A | 100 | 95 | 90 | 95 | 95 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | 105 | A | | | | | |
| 11 | | E | | | E | 105 | 100 | 100 | 100 | 95 | 95 | 95 | 95 | 95 | 95 | I95A | 95 | 100 | 100 | 105 | E | | | | | |
| 12 | | | | | A | 105 | 100 | 100 | 100 | 95 | 95 | 95 | 95 | 95 | 95 | 100 | 100 | 100 | 100 | 105 | A | | | | | |
| 13 | | | | | A | 100 | 95 | 95 | 95 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | 105 | 105 | E110E | A | | | | | |
| 14 | | | | | B | E115B | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 100 | 105 | A | A | A | B | A | | | A | | |
| 15 | | | | | E | B | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | 110 | B | A | | | | | |
| 16 | | | | | E | 100 | 100 | 100 | 100 | 95 | 100 | 95 | 95 | 95 | 95 | 100 | 95 | 100 | 100 | E | A | | | | | |
| 17 | | | | | A | B | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | E | A | | | | | |
| 18 | | | | | A | 100 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 100 | 100 | 100 | 105 | A | | | | | |
| 19 | | | | E | E | E120B | 100 | 100 | 100 | 95 | 90 | 90 | 90 | 95 | 95 | 95 | 100 | 100 | 100 | B | A | | | | | |
| 20 | | | A | A | A | E120B | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | A | A | A | A | | | | |
| 21 | | E | E | A | A | 100 | 100 | 100 | 100 | 100 | 95 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | I105C | B | B | | | | | |
| 22 | | | | | A | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | I100C | 100 | I100C | 105 | 105 | E | A | | | | | |
| 23 | | | | | A | A | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | A | A | A | | | | | |
| 24 | | | | | A | A | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | E | E | | | | | |
| 25 | | | | | A | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 100 | 100 | 100 | 100 | 100 | 100 | A | A | | | | | | |
| 26 | | | | | A | A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | I100C | 105 | 105 | E | A | | | | | |
| 27 | | | | | A | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | E120E | E | | | | | |
| 28 | | | | | A | 120 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | A | A | A | 115 | A | | | | | |
| 29 | | | A | A | A | E115B | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 110 | B | A | E | | | | |
| 30 | E | | | | E120E | E120E | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | E110B | A | A | 105 | A | A | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | E | E | E | E | E | U100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | E | E | | E | | |
| Учтено | 2 | 3 | 1 | 1 | 6 | 20 | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 27 | 26 | 22 | 19 | 3 | 1 | | 1 | | |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20сек. ~~мин~~.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГЕОФИЗИЧЕСКИЙ ГОД

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h'Es Км Июнь 1973г.
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E | 105 | 100 | 100 | 100 | E195G | 140 | 110 | 105 | 105 | 100 | 100 | 100 | 105 | 100 | 105 | 115 | 100 | 100 | 100 | 100 | 100 | 100 | B |
| 2 | E | E | 90 | 90 | G | G | G | 100 | 100 | 95 | 95 | 90 | 95 | G | 100 | 100 | 105 | 105 | 100 | 100 | 100 | 95 | 95 | 100 |
| 3 | 95 | 95 | 95 | 95 | 90 | 110 | 105 | 100 | 100 | 100 | C | 100 | 95 | 100 | E145G | 105 | 105 | 110 | 105 | 105 | 100 | 100 | 100 | 100 |
| 4 | 100 | 100 | 95 | 95 | 95 | 95 | 110 | 105 | 100 | 100 | 95 | 100 | 95 | 95 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 100 |
| 5 | G | G | E | 95 | 100 | G | 115 | 100 | 100 | 100 | 100 | 95 | 95 | E140G | 105 | 100 | 100 | 100 | 100 | 100 | 95 | 95 | 95 | 85 |
| 6 | 95 | E | E | 85 | 85 | 105 | 100 | 100 | 100 | 95 | 95 | 95 | 95 | 90 | 90 | 90 | 90 | 85 | 85 | 85 | 90 | 85 | 100 | 100 |
| 7 | 100 | 95 | 90 | 90 | 90H | 95 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 100 | 100 | 100 | 110H | 100 | 95 |
| 8 | 90 | 90 | 85 | 85 | 90 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 95 | 100 | 100 | 100 | 100 | 100 |
| 9 | 95 | 90 | 90 | E | 95 | 95 | E120E | 100 | 100 | C | C | C | 95 | 95 | 95 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 95 |
| 10 | 90 | 95 | 90 | 95 | 90 | 105 | 100 | 100 | 100 | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 105 | E125G | 105 | 105 | 100 | 100 | 100 | 100 |
| 11 | 100 | G | 100 | 95 | G | G | 105 | 100 | 100 | 100 | 100 | 100 | G | 100 | G | 95 | E140G | E120G | 110 | 105 | 105 | 105 | 100 | 100 |
| 12 | 100 | 100 | 105 | E | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 105 | 110 | 105 | 135 | 110 | 110 | 110 | 100 | 100 | 100 | 100 | 90 |
| 13 | 90 | 90 | 85 | 85 | 90 | 100 | 100 | 95 | 95 | 90 | 105 | 100 | 100 | 100 | 100 | 135H | 120 | 120 | 110 | 105 | 110 | 105 | 105 | 105 |
| 14 | 100 | 100 | 100 | 100 | B | E140G | 120 | 115 | 105 | 105 | 105 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 120 | 115 | 110 | 110 | 105 | 105 |
| 15 | 105 | 105 | 100 | 100 | G | G | E125G | 110 | 110 | 110 | 105 | 105 | 105 | 105 | 120 | 115 | 115 | E150G | 120 | 105 | 105 | 105 | 100 | 100 |
| 16 | 100 | 100 | 100 | 100 | G | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 115 | 110 | 105 | 110 | 110 | 105 | 100 | 100 | 100 | 100 |
| 17 | 100 | 100 | 100 | 100 | 100 | E130G | 120 | 115 | 110 | 105 | 110 | 110 | 105 | 105 | 105 | 105 | E125G | 125 | 120 | E130G | 115 | 105 | 105 | 105 |
| 18 | 100 | 100 | E | 100 | 100 | 100 | E145G | 115 | 110 | 110 | 115 | 110 | 105 | 105 | 110 | 105 | G | 105 | E125G | 105 | 105 | 100 | 100 | 100 |
| 19 | 100 | 100 | E | G | 130 | 120 | 110 | 105 | 110 | 100 | 100 | 100 | 100 | 100 | 100 | G | E155G | E150G | 110 | 100 | 105 | 100 | 100 | 100 |
| 20 | 100 | 100 | 100 | 100 | 100 | 115 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | E125G | 100 | 100 | 100 | 100 | 100 |
| 21 | 100 | 100 | 100 | 100 | 100 | 100 | 115 | 110 | 105 | 100 | 100 | 105 | 100 | 100 | 100 | G | 105 | 100 | C | E140G | B | 110 | 100 | 100 |
| 22 | 100 | 100 | 100 | 100 | 95 | E110G | 105 | 100 | 100 | 100 | 100 | 100 | 105 | 105 | C | 105 | C | E145G | 105 | 110 | 105 | 105 | 105 | 105 |
| 23 | 105 | 100 | 100 | 100 | 105 | E150G | E145G | 110 | 110 | 105 | 110 | 105 | 105 | 105 | 105 | 105 | 100H | 105 | 115 | 110 | 100 | 105 | 105 | 105 |
| 24 | 105 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 110 | 110 | 105 | 105 | 110 | 120 | 110 | 110 | G | 115 | 105 | 105 |
| 25 | 105 | 105 | 105 | 105 | 100 | 120 | 110 | 105 | 110 | 110 | 115 | 105 | 105 | 105 | 110 | 110 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 105 |
| 26 | 105 | 110 | B | 105 | 105 | 100H | 105 | 105 | 100 | 105 | 105 | 110 | G | E145G | 105 | 115 | C | 115 | 110 | 110 | 105 | 105 | 105 | 105 |
| 27 | 100 | 100 | 100 | 100 | 100 | E140G | E135G | 120 | 115 | 115 | 110 | 105 | 105 | 105 | 110 | G | E145G | E140G | 120 | 110 | 110 | 110 | 105 | 105 |
| 28 | 110 | 105 | 100 | 100 | 110 | 120 | 120 | 110 | 105 | 105 | 105 | 110 | 105 | 105 | 105 | 105 | 100 | 105 | 100 | 115 | 110 | 105 | 110 | 110 |
| 29 | 105 | 105 | 115 | 105 | 110 | 120 | 125 | 125 | 115 | 115 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | E130G | 120 | 110 | 110 | G | E | B |
| 30 | G | 100 | 100 | E | G | 130 | 115 | 110 | 110 | 110 | 105 | 100 | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 115 | 110 | 110 | 110 | 105 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 100 | 100 | 100 | 100 | 100 | U105 | U110 | 105 | 100 | 100 | 100 | 100 | 100 | U100 | 100 | 105 | U100 | U100 | U110 | 105 | 100 | 100 | 100 | 100 |
| Учтено | 26 | 26 | 25 | 26 | 24 | 26 | 29 | 30 | 30 | 29 | 28 | 29 | 28 | 29 | 28 | 27 | 27 | 30 | 29 | 30 | 28 | 29 | 29 | 28 |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20сек. ~~мин~~.

Станция автоматическая
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Кем составлена Зеленковой

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S | U345S | 340 | 310 | 315 | U340S | U345S | 305 | 340 | 280 | U315S | 320 | 340 | 305 | 305 | 325 | 305 | U290S | 290 | 290 | U300S | 310 | U315S | S |
| 2 | U295S | U300S | U320S | 300 | 315 | U275S | U290S | U335S | 305 | U305S | 325 | 315 | 320 | 300 | 320 | U360S | U305S | A | 335 | U340S | 300 | U345S | U260S | U330S |
| 3 | U305S | U360S | U290S | 365 | A | 290 | A | U390R | U400R | A | C | G | R | R | 335 | G | A | 305 | A | A | S | U320S | U350S | A |
| 4 | U350S | U330S | U335S | U310S | U320S | U365S | U300S | U275S | G | 300 | 275 | S | U350S | 325 | U340S | 300 | 280 | S | 255 | U255S | S | U255S | S | U305S |
| 5 | U295S | 345 | 300 | U345S | 320 | 350 | U305S | U295S | U345S | A | U390S | U325S | U350C | S | C | U305C | A | A | 300 | A | U280C | A | U325S | U315S |
| 6 | U310N | U350S | U335S | 340 | U325N | 265 | U245C | A | 325 | A | 285 | S | A | A | A | A | A | A | S | U265S | S | A | U345S | S |
| 7 | S | U350S | A | A | U285F | 295 | 260 | U300S | A | U265S | 300 | A | U300C | A | 305 | 270 | A | A | 295 | U270S | S | S | A | U295S |
| 8 | F | 325 | U330S | U320S | U315N | 310 | U295S | U300S | U265S | U330S | U345S | U295S | A | S | U295S | U310S | U335S | 290 | 295 | 295 | U310S | S | U300S | S |
| 9 | U345S | U315S | U300S | 300 | 295 | 245 | 320 | 300 | A | C | C | C | U300S | 355 | 295 | 300 | A | S | A | 305 | A | A | U295S | U295S |
| 10 | U300S | U320S | 345 | 350 | U350S | U300S | U290S | 325 | 310 | 300 | 305 | U360S | 320 | 300 | 325 | U340S | 300 | 305 | U285S | U300S | U295S | A | S | S |
| 11 | S | U360S | 360 | U335S | U350N | U320S | U400S | U340S | 320 | 350 | 340 | 400 | U350S | 340 | 300 | U355S | U325S | 300 | U290S | U300S | U290S | U340S | C | U345S |
| 12 | U340S | U345S | U340S | U315S | 300 | U290S | 345 | A | A | R | 360 | S | U325S | 340 | A | 305 | U305S | 310 | 305 | A | U295S | U340S | U355S | U340S |
| 13 | U340S | U305S | S | U300S | 275 | A | A | A | U305R | 325 | 325 | R | A | 330 | U320S | 315 | U300S | S | 305 | A | U300S | U320S | U340S | U340S |
| 14 | U345S | U350S | U325S | U320F | 315F | U250S | 400 | G | A | A | A | U350R | A | U310S | U420S | 390 | C | A | U340S | A | A | U335S | U290S | A |
| 15 | C | S | 320 | U340S | 345 | 345 | U305S | U340S | 350 | U305C | U345C | 355 | 315 | A | 350 | A | A | 320 | U330S | A | 320 | C | U270S | 355 |
| 16 | 365 | 355N | 390 | 350 | 300 | 325 | U300S | U270S | S | S | G | U345S | 330 | 350 | U350S | U310S | S | S | U315S | U300S | U300S | S | U310S | U345S |
| 17 | U345S | S | U350S | U360S | 335 | 350 | 330 | U355S | U395C | U330C | C | U365C | C | C | C | U320C | C | 310 | C | C | A | C | U300C | C |
| 18 | S | S | U340S | U350F | 340 | 415 | U420C | 375 | C | 405 | C | C | U350C | 480G | C | 370 | U310S | 320 | 300 | U290S | U290C | U330S | C | C |
| 19 | S | 360 | S | 355 | U325S | 305 | 340 | 375 | 330 | U365C | U325S | 360 | U350S | 355 | U345S | 330 | 305 | 275 | U300S | S | S | U305S | S | S |
| 20 | U350S | S | 345 | 355 | 350 | 300 | 340 | U325S | 310 | A | 305 | A | A | 345 | 335 | 340 | 350 | 325 | 300 | U300S | U300S | U315S | 365 | 380 |
| 21 | S | 350 | 350 | U330S | 330 | 340 | U360S | U385S | 380 | U395S | 345 | U325S | S | 400 | U320S | U310S | 335 | 300 | C | S | 310 | U315S | U280S | U300S |
| 22 | 315 | 335 | 330N | A | 325 | 310 | U295S | U290S | C | A | 325 | U305S | C | 310 | C | A | C | 335 | A | A | A | S | U330S | U315S |
| 23 | S | S | U295S | U290S | 340 | 260 | U290S | U305S | 350 | 335 | 310 | 305 | 340 | 345 | U350S | U350S | U350S | U320S | 300 | U300S | U315S | U305S | S | S |
| 24 | S | S | U370S | U340S | U330S | S | U320C | 345 | C | C | U350C | C | C | U350C | 300 | S | 350 | U350C | 330 | 340 | U305S | S | U375C | S |
| 25 | U380S | S | S | U345S | 345 | U305S | U255S | U345S | U370S | 350 | 320 | A | 350 | U350S | 355 | 335 | 340 | 330 | A | 305 | U300S | S | U365S | 335 |
| 26 | S | S | U340S | U330S | U325S | S | C | A | 305 | C | S | U325S | S | 345 | 295 | C | C | 350 | U330S | U355S | C | C | 305 | U305S |
| 27 | S | U325S | 350 | 350 | 330 | 310 | 320 | U305C | 330 | 355 | U325S | S | S | U340C | 355 | 315 | U340S | U305S | U305S | U330S | U310S | U270S | U310S | S |
| 28 | U340S | U360S | 355 | 325 | 325 | 320 | U320S | 290 | 315 | U350C | 345 | C | C | 320 | 320 | 320 | 350 | U355S | U310S | 320 | 305 | U300S | U350S | 335 |
| 29 | S | U345S | U350S | 325 | 305 | G | 380 | U350R | C | 290 | U315R | 435G | 365 | 300 | U400R | U330R | 335 | U340R | U325S | 300 | U305S | U345S | U335S | U385S |
| 30 | 370 | U320S | U355S | 365 | U355F | 330 | 335 | U320R | 390 | 315 | 400 | 860 | 320 | 300 | U330R | A | R | 310 | U340S | U310S | U305S | U330S | S | S |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | U340S | U345S | U340S | U340S | 325 | 310 | U320S | U325S | 330 | 330 | 325 | U345S | 340 | 340 | 330 | 320 | 330 | 310 | 305 | U300S | U300S | U320S | U320S | U335S |
| Учтено | 17 | 22 | 26 | 28 | 29 | 26 | 27 | 25 | 20 | 19 | 23 | 17 | 17 | 23 | 24 | 23 | 18 | 21 | 23 | 20 | 20 | 17 | 22 | 17 |

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Долгота 76°55'E широта 43°15'N

поясное время 75°E

Кем составлена Зеленковой

Кем подсчитана

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | f1 | f1 | f1 | l2 | h1 | c2 | c2 | c2 | c2 | c1 | c1 | c2 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | l3 | f2 | f2 | |
| 2 | | | | f2 | f2 | | | c1 | c1 | c2 | c1 | c2 | c1 | | c2 | c1 | c2 | c2 | c3 | c2 | l2 | f2 | f3 | f2 |
| 3 | f2 | f3 | f2 | f2 | l2 | c1 | c2 | c1 | c3 | c2 | | c1 | c1 | c1 | c1 | c2 | c1 l1 | c1 l2 | c2 l2 | c4 | l2 | f2 | f3 | f2 |
| 4 | f3 | f3 | f2 | f2 | l2 | l2 | c2 | c2 | c1 | c2 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | c2 | c2 | l1 | f2 | f1 | l1 |
| 5 | | | | f2 | l1 | | c1 | c2 | c3 | c2 | c2 | c1 | c1 | c1 | h1 c1 | c2 | c2 | c2 | c2 | l2 | l2 | f3 | f3 | f2 |
| 6 | f1 | | | f1 | f1 | c1 l1 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | l2 | l2 | l2 | f3 | f3 | f4 |
| 7 | f5 | f3 | f4 | f5 | f2 | l2 | c1 | c1 | c2 | c1 | c2 | c2 | c1 | c2 | c1 | c2 | c2 | c2 | c3 | c2 | l2 | f3 | f3 | f1 |
| 8 | f2 | f2 | f2 | f1 | l2 | l1 | c2 | c2 | c2 | c2 | c1 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | c2 | l3 | f3 | f2 | f3 |
| 9 | f3 | f2 | f3 | | l3 | l2 | c1 | c2 | c2 | | | | c2 | c2 | c1 | c2 | c2 | c2 | c2 | c2 | l3 | f2 | f3 | f1 |
| 10 | f2 | f1 | f2 | f1 | l2 | c1 | c2 | c2 | c2 | c2 | c1 | c2 | c2 | c2 | c2 | c1 | c1 | c1 | c2 | c3 | l1 | f4 | f3 | f1 |
| 11 | f1 | | f2 | f2 | | | c2 | c2 | c2 | c2 | c2 | c2 | | c1 | | l1 | c1 | c1 | c1 | c2 | c2 | f2 | f2 | f3 |
| 12 | f3 | f2 | f1 | | l2 | c2 | c2 | c3 | c3 | c2 | c2 | c2 | c1 | c1 | c2 | c2 | c2 | c3 | c2 | c2 | l2 | f3 | f3 | f2 |
| 13 | f2 | f2 | f1 | f1 | l1 | c3 | c4 | c2 | c2 | c2 | c1 | c1 | c2 | c1 | c2 | c2 | c1 | c2 | c2 | c2 | l4 | f2 | f2 | f2 |
| 14 | f2 | f3 | f3 | f2 | | c1 | c1 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | l2 | l2 | c2 l2 | c3 | l4 | f5 | f2 | f4 |
| 15 | f3 | f2 | f1 | f1 | | | c1 | c1 | c2 | c2 | c1 | c2 | c1 | c2 | c1 | c2 | c3 | h1 | c3 | c3 | l2 | f4 | f2 | f2 |
| 16 | f3 | f2 | f4 | f1 | | c1 | c1 | c2 | c3 | c3 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c1 | c1 | c2 | l2 | f1 | f2 | f2 |
| 17 | f2 | f2 | f3 | f3 | l2 | h1 | c2 | c1 | c2 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c3 | c3 | c2 | c2 | l3 | f2 | f2 | f3 |
| 18 | f4 | f4 | | f1 | l2 | c1 | h1 | c2 | c2 | c2 | c1 | c2 | c1 | c2 | c1 | c1 | | c1 | c1 | c1 | l1 | f1 | f2 | f2 |
| 19 | f3 | f2 | | | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | | h1 | c1 | c1 | c2 | l1 | f1 | f1 | f1 |
| 20 | f1 | f1 | l2 | l2 | l2 | c1 | c3 | c2 | c2 | c2 | c1 | c2 | c2 | c1 | c2 | c2 | c1 | c2 | c1 l1 | l2 | l1 | l2 | f5 | f2 |
| 21 | f2 | l1 | l1 | l2 | l2 | c2 | c1 | c1 | c2 | c1 | c1 | c1 | c2 | c1 | c2 | | c1 | c2 | | h1 c1 | | f1 | f1 | f1 |
| 22 | f1 | f2 | f2 | f4 | l2 | c1 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | c2 | | c2 | | c1 | c2 | c3 | l2 | f2 | f2 | f2 |
| 23 | f3 | f2 | f2 | f1 | l1 | c1 l1 | c1 | c2 | c2 | c1 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | c1 l2 | c2 l2 | l3 | f2 | f2 | f4 |
| 24 | f2 | f3 | f2 | f2 | l3 | l3 | c2 | c2 | c2 | c2 | c2 | c2 | c1 | c2 | c1 | c1 | c1 | c2 | c2 | c2 | | f2 | f2 | f2 |
| 25 | f2 | f2 | f2 | f1 | l3 | c1 | c2 | c3 | c1 | c1 | c2 | c2 | c1 | c2 | c1 | c1 | c2 | c2 | l2 | l3 | f4 | f2 | f1 | f1 |
| 26 | f3 | f2 | | f1 | l2 | l2 | c1 | c2 | c2 | c1 | c2 | c2 | | h1 | c1 | c1 | | c2 | c3 | c2 | l2 | f1 | f3 | f3 |
| 27 | f3 | f4 | f2 | f2 | l2 | h1 | h1 | c1 | c1 | c2 | c1 | c2 | c1 | c1 | c1 | | h1 c1 | h1 c1 | c2 | c2 | c2 | f1 | f2 | f2 |
| 28 | f1 | f1 | f1 | f1 | l2 | c1 | c2 | c3 | c3 | c2 | c1 | c2 | c1 | c1 | c1 | c1 | l2 | c1 l1 | l2 | c3 | l2 | f3 | f2 | f3 |
| 29 | f2 | f2 | l1 | l2 | l2 | c2 | c1 | c1 | c2 | c1 | c2 | c1 | c2 | c1 | c1 | c1 | c1 | c2 | c2 | c3 | l1 | | | |
| 30 | | f1 | f1 | | | c1 | c1 | c2 | c2 | c2 | c2 | c2 | c2 | c1 | c2 | c3 | c3 | l2 | l3 | c2 | l4 | l3 | f4 | f3 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | | | | | | | | | | | | | | | | | |
| Учтено | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек ~~мин~~.

Станция автоматическая
(ручная, автоматическая)