

# ИОНОСФЕРНЫЕ ДАННЫЕ

Р. I 0.1 мгц декабрь 1979 г.

(характеристика) (единицы) (месяц) (год)

НИРФИ

(институт)

Потемкиной

Станция

Горький

НИРФИ

поясное время

45°E

Кем составлена

Кем подсчитана

Мельниковой

Долгота

44°17'E

широта

56°09'N

| Дня     |      | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Медiana | Учтено |
|---------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|--------|
| 1       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 2       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 3       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 49 |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 4       | 37   | 40 | 41 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 5       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 6       |      |    |    |    |    |    |    |    |    | 70 |    |    |    |    |    |    |    |    |    |    |    |    |    | 40 | 40 |    |    |    |    |    |    |    |    |         |        |
| 7       | 032В | 38 | 40 | 40 | 40 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 8       | 37   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 9       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 10      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 11      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 75 |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 12      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 13      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 14      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 15      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 16      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 45 |         |        |
| 17      | 41   | 45 | 47 |    | 42 |    | 40 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 18      |      |    |    |    |    |    |    |    | 35 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 19      |      |    |    |    |    |    | 40 | 36 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 20      |      |    |    | 39 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 41 | 42 |    |    |    |    |    |    |    |    |    |    |         |        |
| 21      | 40   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 22      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 23      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 24      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 25      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 26      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 27      |      | 36 |    | 39 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 28      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 29      |      |    |    |    |    | 30 | 33 |    | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 30      |      |    | 36 |    | 40 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| 31      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |        |
| Медiana | 37   | 39 | 40 | 39 | 40 | 30 | 40 | 36 | 60 |    |    |    |    |    |    |    |    |    |    |    | 75 | 45 | 41 | 40 | 45 |    |    |    |    |    |    |    |    |         |        |
| Учтено  | 5    | 4  | 4  | 3  | 3  | 1  | 3  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |    | 1  | 2  | 2  | 1  | 1  |    |    |    |    |    |    |    |    |         |        |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек.

Станция автоматическая (ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

№ F2 0.1 мгц декабрь 1979 г.

НИРФИ

(характеристика)(единицы)(месяц)(год)

(институт)

Станция Горький НИРФИ

поясное время

45° E

Кем составлена

Потемкиной

Долгота 44° 17' E широта 56° 09' N

Кем подсчитана

Потемкиной

| Дни     | 30  | 01   | 02   | 03   | 04   | 05   | 06   | 07   | 08   | 09    | 10    | 11    | 1     | 13    | 14    | 15    | 16     | 17    | 18   | 19   | 20   | 21   | 22   | 23   |  |  |
|---------|-----|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|------|------|------|------|------|--|--|
| 1       | 43  | 39   | 39   | 37   | 37   | 40   | 40   | 35   | I65R | 9I    | II0   | III   | II20S | II20S | II23S | II2   | I92R   | 79    | s    | 50   | 4I   | 36   | 3I   | 33   |  |  |
| 2       | 33  | 32   | 3I   | 30   | 29   | 29   | I29A | 3I   | 58   | 89    | I06   | II9   | III9S | UI2IS | II8   | II5   | 98     | 80    | 69   | 50   | 35   | 30   | 3I   | 30   |  |  |
| 3       | 33  | 36   | 35   | 33   | 29   | 27   | 27   | I3IA | U62S | I00   | II23R | I3I   | UI35R | I40   | UI36R | I29   | II6    | U97S  | 82   | 59   | 39F  | 30   | 25   | 22F  |  |  |
| 4       | 28  | 32F  | U34F | 36   | U36R | 3I   | 26   | 27   | 60   | 97    | I24   | II35R | I43   | I42   | UI4IR | I29   | II6    | 89    | U63R | 45   | 4I   | 38   | U38S | 38   |  |  |
| 5       | 37  | 33   | 32   | 3I   | 3I   | 28   | 24   | 24   | 64   | U04R  | I25   | I33   | I4I   | I45   | I39   | II29S | II8S   | 92    | 64   | 38   | 29   | 30   | 3I   | 29   |  |  |
| 6       | 29  | 30   | 3I   | 29   | 27   | 27   | 27   | 32F  | R    | U99S  | II25R | I32   | II37C | I3I   | I34   | I28   | II2IS  | 98    | I76S | 57   | 48   | 32F  | F    | 26F  |  |  |
| 7       | F   | F    | 3I   | 3IF  | F    | 34F  | 3I   | 3I   | U7IS | I05   | II2IR | II30R | I3I   | II29R | I23   | I08   | I00    | 86    | 66   | I52R | 36   | 24   | 27   | 27F  |  |  |
| 8       | 27F | 29   | 30   | 29   | 30   | 3I   | 28   | 3I   | 68   | I07   | I24   | I36   | I32   | I24   | II23S | II5   | I07    | 89    | 73   | 55   | 46   | 4I   | 38   | 38   |  |  |
| 9       | 33  | 33   | 35   | 33   | 36   | 35   | 32   | 33   | 70   | II0   | I35   | I45   | UI43R | UI46R | I42   | I33   | UI20S  | I09   | R    | 72   | U5IR | 39   | 40   | 33   |  |  |
| 10      | 3I  | 32   | 34   | 33   | 37   | 39   | I37R | 33   | I63R | II00C | I33   | II40R | I40   | I36   | I34   | II22S | II7    | I03   | I78S | U53R | 44   | 35   | 34   | 33   |  |  |
| 11      | 35  | 3IF  | 32   | 32   | 29   | 30   | 33F  | 36   | 65   | II03R | II36R | II36S | UI40R | II39S | I40   | I3I   | s      | II0   | 87   | F    | 50F  | 32   | 3I   | 3I   |  |  |
| 12      | 34  | 37   | 36   | 33   | 3I   | 33   | 33   | 3I   | 70   | II05R | I4I   | I48   | UI45R | I48   | I47   | I38   | II27R  | s     | 87   | 68   | 5I   | 35   | 3I   | 28   |  |  |
| 13      | 28  | 28   | 30   | 29   | 30   | 32   | 3I   | 32   | 66   | s     | UI32R | II4IS | I40   | I38   | UI3IS | s     | I09    | 90    | 84   | 66   | 53   | 40   | 3I   | 24   |  |  |
| 14      | 25  | 26   | 29   | 28   | 3I   | 33   | 33   | 32   | 65   | I06   | II30R | R     | I49   | I48   | I45   | II35R | II24S  | II0   | 9I   | I63R | 45   | 34   | 26   | 3I   |  |  |
| 15      | 34  | 34   | 34   | 32   | 30   | 29   | 3I   | 35   | I62R | I05   | I40   | U52S  | I49   | I48   | I43   | I4I   | II33R  | R     | s    | s    | s    | 40   | 35   | 37   |  |  |
| 16      | 37  | 39   | 40   | 38   | 33   | 3I   | 3I   | 35   | 58   | 96    | II2IR | I38   | R     | s     | s     | I45   | I28    | III   | 90   | 69   | 5I   | 52   | 45   | F    |  |  |
| 17      | F   | F    | F    | 39   | 35F  | 35   | 30F  | 30   | 58   | 96    | II33R | R     | II56S | R     | s     | I56   | I43    | II9   | 98   | 72   | 46   | 44   | 4I   | I4IS |  |  |
| 18      | 42  | 40   | 36   | 34   | 34   | 30   | 27   | 26F  | I50R | U94C  | II30R | II53R | UI53S | R     | UI52S | R     | UI29R  | II08S | 89   | I65R | 47   | 4I   | 38   | 36   |  |  |
| 19      | 3I  | 3I   | 33   | 34   | 35   | 37   | F    | 27   | 46   | U89R  | II25S | I36   | R     | I48   | I49   | I4I   | RII07R | I88R  | U58S | 39   | 28   | 24   | 25   |      |  |  |
| 20      | 25  | 26   | 29   | I29F | 33   | 37   | 39   | 33   | 49   | I9IR  | III8S | I26   | I36   | I35   | I36   | s     | RII05R | 83    | R    | R    | F    | 34   | 3I   |      |  |  |
| 21      | 30F | U37F | 38   | 37   | 38   | 32   | 26   | 25   | I47R | 9I    | II25R | II2IS | s     | II0   | UII9S | II3   | U94R   | 77    | U5IS | 35   | 25   | 24   | 26   | 29   |  |  |
| 22      | 3I  | 29   | 29   | 26   | 26   | 24H  | 24   | I22C | U48S | 87    | II03S | R     | I3I   | II36R | UI3IS | II32S | II24S  | s     | s    | 54   | 38   | 32   | 30   | 34   |  |  |
| 23      | 36  | 34   | 34   | 3I   | 29   | 27   | 24   | 24   | 46   | 83    | II0   | UII5R | II5   | I25   | II27R | I07   | 9I     | 75    | U64S | 44   | 3I   | A    | A    | A    |  |  |
| 24      | 25  | 23   | 26   | 24   | 2I   | 22   | 24   | 29   | 50   | I85R  | II00C | II6S  | I29   | R     | I24   | II6   | I02    | R     | 65   | 47   | 34   | 3I   | 30   | 24   |  |  |
| 25      | 24  | 23   | 25   | 25   | 25   | 29   | 3I   | 30   | U48S | s     | 96    | II08R | s     | s     | II03S | I94S  | 83     | 56    | 43   | 34   | 25   | I8   | I9   | 20   |  |  |
| 26      | 24  | 26   | 26   | 25   | 24   | 24   | 25   | 26   | U46S | I77S  | 95    | II06R | II3   | III   | II2   | U93S  | 94     | I88S  | 66   | 54   | 29   | 29   | 32   | I35F |  |  |
| 27      | 24F | 29   | 27   | F    | 24   | 24   | 25   | 28   | s    | 78    | I06   | II2   | R     | s     | II26S | I07   | I00    | U75S  | U63S | 39   | 32   | 33   | 32   | 30   |  |  |
| 28      | 30  | 32   | 33   | 33   | 32   | 3I   | 30   | 28   | 40   | 68    | U98S  | II0   | II3   | III2R | III   | R     | I88R   | 7I    | 69   | 35   | 25   | I25C | 25   | 26   |  |  |
| 29      | 27  | 25   | 26   | 2I   | 20   | I20F | F    | 22   | F    | 70    | II00C | I03   | II5   | II27R | s     | II02R | 95     | U73S  | I53S | 28   | 22   | 2I   | 2I   | 22   |  |  |
| 30      | 26  | 28   | I29F | 2I   | 25   | 36F  | 26F  | 23   | I4IS | 73    | 95    | II0   | I28   | III6R | III4S | II06S | s      | s     | I66R | 44   | 32   | 27   | 26   | 23   |  |  |
| 31      | 23  | 23   | I23A | 2IF  | 20   | 23   | 25   | 27   | 45   | 90    | 90    | 98    | I00   | I03   | II02S | C     | C      | C     | C    | C    | C    | C    | C    | C    |  |  |
|         | 8   | 7    | 5    | 5    | 8    | 7    | 6    | 6    | I7   | I8    | 27    | 25    | 23    | 24    | I9    | 25    | 29     | 30    | 23   | I9   | I5   | I0   | 8    | 8    |  |  |
| Медiana | 30  | 3I   | 32   | 3I   | 30   | 3I   | 29   | 30   | 58   | 94    | I23   | I30   | I36   | I35   | I3I   | I25   | II2    | 90    | 7I   | 53   | 38   | 32   | 3I   | 30   |  |  |
| Учтенo  | 29  | 29   | 30   | 30   | 30   | 3I   | 29   | 3I   | 28   | 29    | 3I    | 28    | 26    | 25    | 28    | 26    | 26     | 25    | 26   | 27   | 28   | 28   | 28   | 28   |  |  |
|         | 26  | 27   | 29   | 28   | 26   | 27   | 26   | 26   | 48   | 86    | I03   | II2   | I20   | I20   | I2I   | I08   | 95     | 78    | 64   | 44   | 3I   | 28   | 26   | 26   |  |  |
|         | 34  | 34   | 34   | 33   | 34   | 34   | 32   | 32   | 65   | I04   | I30   | I37   | I43   | I44   | I40   | I33   | I24    | I08   | 87   | 63   | 46   | 38   | 34   | 34   |  |  |

Пробег частоты от I.0 Мгц до I8.0 Мгц 20 сек. КЖ

Станция АВТОМАТИЧЕСКАЯ (ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

Р<sub>0</sub> E 0.1 мгц декабрь 1979 г.

(характеристика)(единицы)(месяц)(год)

НИРФИ

(институт)

Потемкиной

Станция

Горький

НИРФИ

поясное время

45°E

Кем составлена

Кем подсчетана

Мельниковой

Долгота

44°17'E

широта

56°09'N

| Дня     | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08  | 09   | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---------|----|----|----|----|----|----|----|----|-----|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1       |    |    |    |    |    |    |    |    | I7  | I22A | I24A | 25   | 26   | 25   | 23   | I9   | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2       |    |    |    |    |    |    |    |    | A   | 2I   | 24   | 25   | 26   | 25   | 23   | I9   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3       |    |    |    |    |    |    |    |    | B   | 20   | 23   | 24   | 26   | 26H  | 24   | 20H  | I3B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 4       |    |    |    |    |    |    |    |    | B   | 2I   | 23   | 26   | 26   | 26   | 23   | I9H  | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 5       |    |    |    |    |    |    |    |    | A   | A    | I25A | 26   | B    | 26   | 24   | 2I   | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 6       |    |    |    |    |    |    |    |    | A   | A    | I26A | A    | C    | A    | A    | A    | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7       |    |    |    |    |    |    |    |    | A   | I22A | B    | B    | R    | B    | 26   | 20   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8       |    |    |    |    |    |    |    |    | I6  | 23   | 25   | I27A | 28   | I27A | 26H  | I2IA | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9       |    |    |    |    |    |    |    |    | I6B | 2I   | 26H  | 27   | 27   | A    | A    | 2I   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10      |    |    |    |    |    |    |    |    | A   | A    | A    | A    | A    | 28   | A    | A    | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 11      |    |    |    |    |    |    |    |    | A   | 23   | 26   | I28A | B    | I27S | 26   | A    | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 12      |    |    |    |    |    |    |    |    | I5B | 20   | A    | A    | A    | 27   | 25   | 2I   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 13      |    |    |    |    |    |    |    |    | B   | S    | S    | S    | 28   | B    | I25A | 2I   | U14A |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14      |    |    |    |    |    |    |    |    | I6  | A    | A    | I27R | 28   | 27   | 25   | 20   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15      |    |    |    |    |    |    |    |    | B   | I8   | 24   | I26A | I27A | 27   | 24   | I9   | I5B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 16      |    |    |    |    |    |    |    |    | B   | I9   | 25   | 26   | 27   | 27   | 24   | 20   | S    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 17      |    |    |    |    |    |    |    |    | B   | 20   | 24   | 27   | 28   | 26   | 24   | I8   | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 18      |    |    |    |    |    |    |    |    | I4  | I9   | 24   | 26   | 26   | 26   | 23   | I9   | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 19      |    |    |    |    |    |    |    |    | A   | A    | 24   | 26   | 27   | 26   | 24   | 20   | I2B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20      |    |    |    |    |    |    |    |    | B   | A    | 23   | 26   | 26   | I25A | I22A | 20   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 21      |    |    |    |    |    |    |    |    | B   | 20   | 24H  | 26   | 26   | 24   | 2I   | I9   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 22      |    |    |    |    |    |    |    |    | B   | A    | 2I   | 25   | 25   | I25R | 23   | I9A  | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 23      |    |    |    |    |    |    |    |    | B   | 20   | U24A | 26   | 26   | 25   | 22   | I9A  | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 24      |    |    |    |    |    |    |    |    | B   | I7   | 2I   | 24   | 24   | 24   | 2I   | I9A  | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25      |    |    |    |    |    |    |    |    | B   | I19A | 22   | 25   | 26   | 25   | 23   | 20A  | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 26      |    |    |    |    |    |    |    |    |     | I20A | 24   | 26   | 26   | 25A  | I19A | 20   | U13B |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 27      |    |    |    |    |    |    |    |    | B   | U19A | 22   | 24   | 26   | 26   | 24H  | I9   | I3B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 28      |    |    |    |    |    |    |    |    | A   | 20H  | 23H  | 26   | 26   | 26   | 23A  | I9   | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 29      |    |    |    |    |    |    |    |    | B   | 20   | 23   | 25   | 26   | 25   | I24A | 20   | B    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30      |    |    |    |    |    |    |    |    | B   | I20A | 24   | 26   | 26   | I26A | 24   | U20A | A    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 31      |    |    |    |    |    |    |    |    | B   | 20   | 24   | 26   | 26   | 25   | I23A | C    | C    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Медiana |    |    |    |    |    |    |    |    | I6  | 20   | 24   | 26   | 26   | 26   | 24   | 20   | I3B  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Учено   |    |    |    |    |    |    |    |    | 6   | 23   | 26   | 26   | 25   | 27   | 28   | 27   | 6    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 сек.

Станция автоматическая

(ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

Р<sub>0</sub> E<sub>s</sub> 0.1 мгц декабрь 1979 г.

НИРФИ

(характеристика)(единицы)(месяц)(год)

(институт)

Горький

НИРФИ

Потемкиной

поясное время

45°E

Кем составлена

Кем подсчетана

Мельниковой

Станция

Долгота

44°17'E

широта

56°09'N

| Дня    | 30   | 01 | 02 | 03   | 04 | 05   | 06   | 07   | 08   | 09   | 10   | 11   | 12   | 13   | 14   | 15  | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   |   |   |
|--------|------|----|----|------|----|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|---|---|
| 1      | I7   |    |    |      |    |      |      |      |      | U23Y | 28   | 30   |      | 29   | U26Y | 22  |      |      |      |      |      |      |      |      |   |   |
| 2      |      |    |    |      |    | I24A | I38A |      | I25A |      |      | 2IG  | 2IG  |      | 24   | 20  | I5   | 20   | 2I   | 20   |      |      |      |      |   |   |
| 3      |      |    |    |      |    |      |      | I34A |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 4      |      |    |    |      |    |      |      |      |      | 24   |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 5      |      |    |    |      |    |      |      |      | 20   | 49   | I34A |      |      |      | 26   |     |      |      |      |      |      |      |      |      |   |   |
| 6      |      |    |    |      |    |      |      |      | 22   | 25   | U28Y | U29Y | C    | 38   | U29Y | 28  | 24   | 24   | 20   |      | I9   |      |      |      |   |   |
| 7      | 20   |    | I6 |      |    |      |      |      | 35   | I34A |      |      | 30   |      |      |     | I5   |      | I7   |      |      |      |      |      |   |   |
| 8      |      |    |    |      |    |      |      |      |      |      |      | 43   | 3I   | U30Y | 25G  | 28  | 20   |      | 20   | 20   |      |      |      |      |   |   |
| 9      |      |    |    |      |    |      |      |      |      | 20G  |      |      | 20G  | 30   | 40   | 2I  | 25   |      | 23   | 20   |      |      |      |      |   |   |
| 10     |      |    |    |      |    |      |      |      | I5   | U18Y | 28   | 30   | 30   | 23G  | 27   | 30  |      | 34   | 40   | I35A | I37A | I35A | I23A | I27A |   |   |
| 11     | I7   | I9 |    | I24A |    | I5   |      |      | U17Y | 24   | 3I   | 30   |      | S    | 24G  | 30  | I3IA | I33A | I4IA | 20   | 20   |      |      |      |   |   |
| 12     |      |    |    |      |    | 2I   | 22   |      |      | 23   | 29   | 42   | 30   | 30   | 28   | 20G | 26   | 28   |      | 24   | 26   | 26   | I7   |      |   |   |
| 13     |      |    |    |      |    |      |      |      |      |      |      |      | U20Y | 30   | 29   |     | I4   |      |      |      | I6   | 20   | I7   | 20   |   |   |
| 14     |      |    |    |      |    |      |      |      |      | 23   | 32   |      |      |      | 20G  |     | U12Y | 23   |      |      |      |      |      |      |   |   |
| 15     |      |    |    |      |    |      |      |      |      | U22Y | 28   | 33   | 30   | 29   | 25   | I9  |      |      | I7   |      |      | I9   |      |      |   |   |
| 16     |      |    |    |      |    |      |      |      | I23A |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 17     |      |    |    |      |    |      |      |      | I23A |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 18     |      |    |    |      |    |      |      |      |      |      |      |      |      |      |      | 20  |      |      |      |      |      |      |      |      |   |   |
| 19     |      |    |    |      |    |      |      | 20   | 24   | U26Y | 2IG  |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 20     |      |    |    |      |    |      |      |      |      | I8   |      | 26   | U28Y | 28   | 24   | I7G | 20   |      |      |      |      |      |      |      |   |   |
| 21     |      |    |    |      |    |      |      |      |      | I6G  | 26   | I8   | 29   | 26   | 23   |     | 2IM  | 36   |      |      |      |      |      |      |   |   |
| 22     |      |    |    |      |    |      |      | C    |      | 23   | 23   |      | 28   | 28   | 24   | 20  |      | 30   |      |      |      |      |      |      |   |   |
| 23     |      |    |    |      |    |      |      |      |      |      | 26   | 26   |      |      | 23   | 20  |      |      |      |      | I26A | I2IA | I23A | I34A |   |   |
| 24     |      |    |    |      |    |      |      |      |      | I8   |      | I7G  | 27   | 26   | 25   | 29  |      |      | I22A |      |      |      |      |      |   |   |
| 25     |      |    |    |      |    |      |      |      |      | 20   | 25   | 26   | 26   |      |      | 25  |      | I22A |      |      |      |      |      |      |   |   |
| 26     |      |    |    |      |    |      |      |      |      | 20   |      |      | 26   | 25   | 20   |     |      |      |      |      |      |      |      |      |   |   |
| 27     |      |    |    |      |    |      |      |      |      | I6G  | I7G  | I9G  | I8G  | 27   |      | 20  | I5   |      |      |      |      |      |      |      |   |   |
| 28     |      |    |    |      |    |      |      |      | I23A |      |      |      | 27   | 26   | 23   | 20  | I7   | 27   |      |      |      |      |      |      |   |   |
| 29     |      |    |    |      |    |      |      | I8   |      |      | 20G  |      |      |      | U25Y | I8  |      | I33A |      |      |      |      |      |      |   |   |
| 30     | I24A |    |    |      |    |      |      |      |      | 22   | 25   | U28Y | 30   | 3I   | 28   | 20  | I4   |      |      |      |      |      |      |      |   |   |
| 31     |      |    |    |      |    |      |      |      |      | I8G  | 20G  | 22G  | 29   | 29   | 27   | C   | C    | C    | C    | C    | C    | C    | C    | C    | C | C |
|        | 7    |    |    |      |    | 9    | I6   | I6   | 6    | 6    | 7    | 8    | 4    | 4    | 4    | 8   | 9    | I0   | I4   | 4    | 7    | I0   | 6    | I4   |   |   |
| Медиац | I8   | I9 | 26 | I24A |    | 2I   | 23   | 20   | 22   | 22   | 26   | 27   | 28   | 29   | 25   | 20  | I8   | 28   | 2I   | 20   | 23   | 2I   | 20   | 27   |   |   |
| Учтенз | 4    | I  | 2  | I    |    | 3    | 4    | 3    | 8    | 23   | I8   | I6   | I8   | I7   | 23   | I9  | I4   | II   | 9    | 6    | 6    | 5    | 4    | 3    |   |   |
|        | I7   |    |    |      |    | I5   | 22   | I8   | I8   | I8   | 2I   | 22   | 26   | 26   | 23   | 20  | I5   | 23   | I8   | 20   | I9   | 20   | I7   | 20   |   |   |
|        | 24   |    |    |      |    | 24   | 38   | 34   | 34   | 24   | 28   | 30   | 30   | 30   | 27   | 28  | 24   | 33   | 32   | 24   | 26   | 30   | 23   | 34   |   |   |

Пробег частоты от 1.0 Мгц до 18.0 Мгц 20 Сек

Станция автоматическая (ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

0.1 мгц декабрь 1979 г.

(характеристика)(единицы)(месяц)(год)

НИРФИ

(институт)

Потемкиной

Станция

Горький

НИРФИ

поясное время

45° E

Кем составлена

Потемкиной

Долгота

44° 17' E

широта

56° 09' N

Кем подсчитана

Потемкиной

| Дни     | 00   | 01   | 02   | 03 | 04 | 05 | 06   | 07   | 08   | 09   | 10   | 11   | 1    | 13   | 14   | 15  | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   |   |   |
|---------|------|------|------|----|----|----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|---|---|
| 1       | I7   |      |      |    |    |    |      |      |      | U23Y | 28   | 30   |      | 29   | U26Y | C   |      |      |      |      |      |      |      |      |   |   |
| 2       |      |      |      |    |    | 2I | A38A |      | 24   |      |      | 20G  | 20G  |      | G    | G   | I5   | I7   | I6   | EI4B |      |      |      |      |   |   |
| 3       |      |      |      |    |    |    |      | A34A |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 4       |      |      |      |    |    |    |      |      |      | 24   |      |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 5       |      |      |      |    |    |    |      |      | 20   | 49   | 28   |      |      |      | 26   |     |      |      |      |      |      |      |      |      |   |   |
| 6       |      |      |      |    |    |    |      |      | I8   | 25   | U28Y | U29Y | C    | 38   | U29Y | 28  | 23   | 23   | I9   |      | I8   |      |      |      |   |   |
| 7       | I7   |      | I5   |    |    |    |      |      | 30   | 26   |      |      | 30   |      |      |     | I5   |      | I7   |      |      |      |      |      |   |   |
| 8       |      |      |      |    |    |    |      |      |      |      |      | 32   | 24G  | U30Y | 20G  | 24  | I9   |      | EI6B | EI6B |      |      |      |      |   |   |
| 9       |      |      |      |    |    |    |      |      |      | I9G  |      |      | 20G  | 30   | 32   | G   | 25   |      | 23   | EI6B |      |      |      |      |   |   |
| 10      |      |      |      |    |    |    |      |      | I5   | U18Y | 28   | 30   | 30   | 23G  | 27   | 30  |      | I7   | 23   | 29   | 29   | 26   | I8   | I6   |   |   |
| 11      | I6   | EI4B |      | I7 |    | I4 |      |      | U17Y | 24   | 3I   | 30   |      | s    | 24G  | 28  | 2I   | 22   | 33   | I9   | EI6B |      |      |      |   |   |
| 12      |      |      |      |    | 20 | I8 |      |      |      | 23   | 28   | 30   | 30   | 29   | 28   | I8G | 24   | 2I   |      | 24   | 26   | 25   | I7   |      |   |   |
| 13      |      |      |      |    |    |    |      |      |      |      |      |      | U20Y | 30   | 27   |     | G    |      |      |      | I6   | I7   | EI5B | I8   |   |   |
| 14      |      |      |      |    |    |    |      |      |      | 23   | 29   |      |      |      | 20G  |     | U12Y | I4   |      |      |      |      |      |      |   |   |
| 15      |      |      |      |    |    |    |      |      |      | U22Y | 28   | 30   | 30   | 29   | G    | I9  |      |      | I7   |      |      | I8   |      |      |   |   |
| 16      |      |      |      |    |    |    | I7   |      |      | U20Y |      |      |      |      | G    |     |      |      |      |      |      |      |      |      |   |   |
| 17      |      |      |      |    |    |    | I5   |      |      | I8G  | I9G  |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 18      |      |      |      |    |    |    |      |      |      |      |      |      |      |      |      | G   |      |      |      |      |      |      |      |      |   |   |
| 19      |      |      |      |    |    |    |      | I6   | I8   | U26Y | 20G  |      |      |      |      |     |      |      |      |      |      |      |      |      |   |   |
| 20      |      |      |      |    |    |    |      |      |      | I8   |      | G    | U28Y | 28   | 24   | I7G | I8   |      |      |      |      |      |      |      |   |   |
| 21      |      |      |      |    |    |    |      |      |      | I6G  | G    | I7G  | 29   | 26   | 23   |     | I6   | 36   |      |      |      |      |      |      |   |   |
| 22      |      |      |      |    |    |    |      | C    |      | 2I   | 23   |      | 28   | 28   | C    | I9  |      | 2I   |      |      |      |      |      |      |   |   |
| 23      |      |      |      |    |    |    |      |      |      |      | 26   | G    |      |      | G    | I9  |      |      |      |      | I8   | A24A | A23A | A34A |   |   |
| 24      |      |      |      |    |    |    |      |      |      | G    |      | I7G  | 27   | 26   | 25   | I9  |      |      | I8   |      |      |      |      |      |   |   |
| 25      |      |      |      |    |    |    |      |      |      | 20   | 25   | G    | G    |      |      | 20  |      | I7   |      |      |      |      |      |      |   |   |
| 26      |      |      |      |    |    |    |      |      |      | 20   |      |      | G    | 25   | 20   |     |      |      |      |      |      |      |      |      |   |   |
| 27      |      |      |      |    |    |    |      |      |      | I6G  | I7G  | I6G  | I8G  | G    |      | G   | EI3B |      |      |      |      |      |      |      |   |   |
| 28      |      |      |      |    |    |    |      |      | I6   |      |      |      | G    | G    | 23   | G   | I6   | EI6B |      |      |      |      |      |      |   |   |
| 29      |      |      |      |    |    |    |      | EI3B |      |      |      | 20G  |      |      | U25Y | I7G |      | 20   |      |      |      |      |      |      |   |   |
| 30      | EI6B |      |      |    |    |    |      |      |      | 22   | G    | U28Y | 30   | 29   | G    | G   | I4   |      |      |      |      |      |      |      |   |   |
| 31      |      |      | A35A |    |    |    |      |      |      | I7G  | 20G  | 22G  | 29   | 29   | 27   | C   | C    | C    | C    | C    | C    | C    | C    | C    | C | C |
| Медiana | I6   | EI4B | 25   | I7 |    | 20 | I8   | I6   | I8   | 2I   | 26   | 25   | 28   | 29   | 24   | I8  | I6   | 20   | I8   | EI8  | I8   | 24   | I8   | I8   |   |   |
| Учтено  | 4    | I    | 2    | I  |    | 3  | 4    | 3    | 8    | 23   | I8   | I6   | I8   | I7   | 2I   | I8  | I4   | II   | 9    | 6    | 6    | 5    | 4    | 3    |   |   |

Пробег частоты от

1.0

Мгц до

18.0

Мгц

20

сек.  
мкц

Станция

автоматическая

(ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

(М3000)F2 0.01 декабрь 1979 г.

(характеристика)(единицы)(месяц)(год)

Горький НИРФИ

поясное время

45°E

Кем составлена

НИРФИ

(институт)

Потемкиной

Кем подсчитана

Потемкиной

Станция

Долгота

44°17'E

широта

56°09'N

| Дня    | 00  | 01  | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 1      | 280 | 250 | 255 | 265 | 265 | 290 | 325 | 320 | R   | 320 | 310 | 310 | S   | S   | S   | 330 | R   | 310 | S   | 300 | 300 | 280 | 260 | 260 |  |  |
| 2      | 275 | 265 | 275 | 265 | 275 | 275 | A   | 300 | 295 | 325 | 320 | 330 | S   | 315 | 315 | 295 | 315 | 315 | 335 | 320 | 300 | 300 | 275 | 265 |  |  |
| 3      | 270 | 270 | 270 | 290 | 275 | 280 | 295 | A   | 295 | 335 | R   | 320 | 320 | 305 | 315 | 310 | 310 | 320 | 340 | 320 | 305 | 315 | 280 | 295 |  |  |
| 4      | 285 | 265 | 270 | 280 | 285 | 300 | 280 | 295 | 290 | 310 | 310 | R   | 315 | 315 | 320 | 310 | 310 | 325 | 300 | 300 | 270 | 265 | 265 | 265 |  |  |
| 5      | 250 | 240 | 240 | 250 | 275 | 275 | 290 | 300 | 280 | 325 | 310 | 315 | 305 | 310 | 310 | S   | S   | 335 | 325 | 285 | 285 | 275 | 275 | 260 |  |  |
| 6      | 250 | 265 | 265 | 260 | 280 | 280 | 270 | 290 | R   | 320 | R   | 310 | C   | 305 | 315 | 305 | S   | 315 | S   | 315 | 325 | 315 | F   | 310 |  |  |
| 7      | F   | F   | 275 | 275 | F   | 280 | 290 | 290 | 310 | 335 | R   | R   | 305 | R   | 315 | 315 | 320 | 315 | 305 | R   | 320 | 310 | 295 | 260 |  |  |
| 8      | 260 | 260 | 265 | 275 | 265 | 290 | 285 | 275 | 295 | 320 | 305 | 290 | 310 | 295 | S   | 315 | 310 | 305 | 310 | 300 | 280 | 285 | 265 | 265 |  |  |
| 9      | 240 | 255 | 240 | 240 | 250 | 270 | 295 | 290 | 300 | 310 | 320 | 295 | 300 | 300 | 315 | 300 | 300 | 310 | R   | 315 | 325 | 295 | 300 | 305 |  |  |
| 10     | 290 | 280 | 280 | 260 | 275 | 290 | R   | 320 | R   | C   | 320 | R   | 300 | 295 | 290 | S   | 305 | 310 | S   | 295 | 320 | 285 | 270 | 260 |  |  |
| 11     | 260 | 275 | 280 | 280 | 275 | 270 | 305 | 285 | 310 | R   | R   | S   | 305 | S   | 295 | 290 | S   | 310 | 310 | F   | 315 | 280 | 275 | 240 |  |  |
| 12     | 265 | 270 | 275 | 280 | 290 | 270 | 285 | 305 | 295 | R   | 320 | 320 | 300 | 290 | 305 | 305 | R   | S   | 300 | 310 | 315 | 300 | 300 | 270 |  |  |
| 13     | 270 | 270 | 265 | 295 | 300 | 295 | 305 | 295 | 305 | S   | 320 | S   | 300 | 295 | 300 | S   | 305 | 300 | 300 | 305 | 305 | 330 | 315 | 290 |  |  |
| 14     | 280 | 270 | 260 | 275 | 290 | 295 | 290 | 310 | 290 | 310 | R   | R   | 310 | 300 | 295 | R   | S   | 310 | 320 | R   | 300 | 305 | 270 | 260 |  |  |
| 15     | 265 | 265 | 265 | 265 | 285 | 275 | 250 | 280 | R   | 305 | 305 | 315 | 300 | 290 | 295 | 290 | R   | R   | S   | S   | S   | 275 | 265 | 245 |  |  |
| 16     | 245 | 245 | 250 | 265 | 240 | 260 | 275 | 270 | 275 | 300 | R   | 310 | R   | S   | S   | 320 | 320 | 305 | 300 | 305 | 295 | 280 | 280 | F   |  |  |
| 17     | F   | F   | F   | 240 | 255 | 255 | 275 | 265 | 280 | 300 | R   | R   | S   | R   | S   | 320 | 330 | 335 | 350 | 315 | 295 | 280 | 255 | S   |  |  |
| 18     | 260 | 255 | 265 | 270 | 285 | 310 | 295 | 310 | R   | 305 | R   | R   | 320 | R   | 330 | R   | 310 | S   | 325 | R   | 300 | 270 | 275 | 285 |  |  |
| 19     | 275 | 260 | 270 | 275 | 270 | 285 | F   | 315 | 305 | 330 | S   | 315 | R   | 310 | 320 | 320 | R   | R   | R   | 320 | 335 | 305 | 310 | 280 |  |  |
| 20     | 280 | 270 | 260 | F   | 280 | 285 | 310 | 325 | 305 | R   | S   | 315 | 320 | 295 | 315 | S   | R   | R   | 315 | R   | R   | F   | 270 | 260 |  |  |
| 21     | 265 | 255 | 250 | 255 | 280 | 295 | 305 | 320 | R   | 315 | R   | S   | S   | 325 | 320 | 325 | 320 | 325 | 335 | 315 | 320 | 290 | 270 | 265 |  |  |
| 22     | 280 | 265 | 265 | 280 | 290 | 280 | 300 | C   | 300 | 310 | S   | R   | 305 | R   | 305 | S   | S   | S   | S   | 305 | 275 | 250 | 250 | 235 |  |  |
| 23     | 280 | 275 | 295 | 275 | 285 | 290 | 300 | 300 | 305 | 315 | 330 | 335 | 330 | 305 | R   | 315 | 320 | 320 | 330 | 340 | 305 | A   | A   | A   |  |  |
| 24     | 290 | 270 | 280 | 290 | 285 | 285 | 300 | 295 | 320 | R   | C   | S   | 310 | R   | 320 | 320 | 315 | R   | 325 | 320 | 290 | 290 | 320 | 290 |  |  |
| 25     | 290 | 280 | 280 | 280 | 300 | 310 | 290 | 320 | 320 | S   | 345 | R   | S   | S   | S   | S   | 330 | 325 | 330 | 305 | 335 | 290 | 275 | 300 |  |  |
| 26     | 280 | 270 | 270 | 280 | 290 | 290 | 290 | 270 | 305 | S   | 335 | A   | 345 | 315 | 330 | 315 | 330 | S   | 320 | 325 | 295 | 260 | 250 | F   |  |  |
| 27     | 250 | 250 | 260 | F   | 270 | 290 | 280 | 285 | S   | 330 | 340 | 330 | R   | S   | S   | 315 | 325 | 295 | 315 | 285 | 275 | 285 | 295 | 265 |  |  |
| 28     | 270 | 265 | 270 | 270 | 290 | 290 | 300 | 315 | 310 | 320 | 335 | 325 | 325 | R   | 325 | R   | R   | 310 | 335 | 300 | 300 | C   | 300 | 280 |  |  |
| 29     | 260 | 260 | 270 | 240 | 250 | F   | F   | 295 | F   | 315 | C   | 315 | 315 | R   | S   | R   | 305 | 330 | S   | 285 | 250 | 250 | 260 | 240 |  |  |
| 30     | 250 | 250 | F   | 250 | 280 | 305 | 290 | 305 | S   | 320 | 320 | 320 | 310 | R   | S   | S   | S   | S   | R   | 320 | 315 | 285 | 280 | 260 |  |  |
| 31     | 280 | 275 | A   | 300 | 275 | 295 | 290 | 305 | 335 | 355 | 355 | 325 | 325 | 305 | S   | C   | C   | C   | C   | C   | C   | C   | C   | C   |  |  |
|        | 20  | 15  | 15  | 20  | 15  | 20  | 15  | 20  | 15  | 15  | 25  | 15  | 15  | 15  | 20  | 15  | 10  | 15  | 20  | 20  | 30  | 25  | 30  | 25  |  |  |
| Медиац | 270 | 265 | 270 | 275 | 280 | 290 | 290 | 300 | 300 | 320 | 320 | 315 | 310 | 305 | 315 | 315 | 315 | 315 | 320 | 310 | 300 | 285 | 275 | 265 |  |  |
| Учтен  | 29  | 29  | 28  | 29  | 30  | 30  | 27  | 29  | 22  | 23  | 17  | 18  | 22  | 18  | 21  | 19  | 18  | 21  | 21  | 24  | 28  | 27  | 28  | 26  |  |  |
|        | 260 | 255 | 260 | 260 | 270 | 275 | 285 | 290 | 295 | 310 | 310 | 310 | 305 | 295 | 300 | 305 | 310 | 310 | 310 | 300 | 290 | 275 | 265 | 260 |  |  |
|        | 280 | 270 | 275 | 280 | 285 | 295 | 300 | 310 | 310 | 325 | 335 | 325 | 320 | 310 | 320 | 320 | 320 | 325 | 330 | 320 | 320 | 300 | 295 | 285 |  |  |

Пробег частоты от I.0 Мгц до 18.0 Мгц 20 сек.

Станция автоматическая (ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

h' F км декабрь 1979 г.

НИРФИ

(характеристика) (единицы) (месяц) (год)

Горький

НИРФИ

поясное время

45°E

Кем составлена

(институт)  
Потемкиной

Станция

Кем подсчитана

Лысковой

Долгота

44°17'E

широта

56°09'N

| Дня     | 00    | 01    | 02    | 03    | 04    | 05    | 06    | 07    | 08   | 09   | 10   | 11  | 1     | 13    | 14   | 15   | 16   | 17  | 18  | 19    | 20    | 21    | 22    | 23    |  |  |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-------|-------|------|------|------|-----|-----|-------|-------|-------|-------|-------|--|--|
| 1       | 290   | 320   | 335   | 320   | 305   | 265   | 220   | 220   | 215  | 215  | 220  | 205 | 220   | 230   | 220  | 210  | 195  | 205 | 220 | 245   | 245   | 285   | E350B | 350   |  |  |
| 2       | 345   | 340   | 320   | 305   | 295   | E365A | A     | 245   | 235  | 215  | 220  | 220 | 215   | 220   | 220  | 205  | 205  | 215 | 225 | 215   | 230   | E270B | 310   | E315B |  |  |
| 3       | 330   | 310   | 295   | 270   | 295   | E295B | 265   | I250A | 235  | 220  | 215  | 215 | 215   | 210   | 205  | 205  | 215  | 200 | 210 | 215   | 230   | 220   | E315B | E320B |  |  |
| 4       | 340   | 315   | 300   | 280   | 255   | 250   | 260   | 250   | 220H | 220  | 215  | 210 | 225   | 220   | 220  | 205  | 205  | 205 | 200 | 255   | E285B | 310   | 330   | 330   |  |  |
| 5       | 325   | E385B | E380B | 325   | 285   | E245B | E245S | E250B | 215  | 235  | 220  | 225 | 225   | 225   | 215  | 215  | 200  | 205 | 220 | 225   | E250B | 315   | E300B | E350B |  |  |
| 6       | E355B | 350   | 320   | 300   | E285B | E295B | E295B | 275   | 245  | 215  | 225  | 215 | I210C | 215   | 220  | 210  | 210  | 205 | 220 | 215   | 220   | 245   | 250   | E255B |  |  |
| 7       | E370A | E330B | E300A | 300   | 265   | 250   | 250   | 245   | 245  | 215  | 220  | 215 | 220   | 220   | 220  | 220  | 210  | 220 | 205 | 220   | 240   | E255B | 225   | E340B |  |  |
| 8       | 335   | 315   | 320   | 300   | 265   | 255   | 255   | E265B | 245  | 220  | 215  | 225 | 225   | 215   | 220  | 230  | 215  | 215 | 210 | 225   | 255   | 280   | E305B | 255   |  |  |
| 9       | E360B | 375   | E350B | 355   | 300   | 275   | 250   | 255   | 245  | 220  | 220  | 205 | 220   | 220   | 230  | 215  | 225  | 220 | 220 | 215   | 225   | 250   | 260   | 255   |  |  |
| 10      | E320B | 320   | 295   | 315   | 270   | 250   | 250   | 220   | 225  | 230  | 230  | 225 | 220   | 220   | 225  | 210  | 225  | 225 | 210 | E255A | 280   | 350   | E315A | E320A |  |  |
| 11      | E310B | 300   | 310   | 305   | 290   | 295   | 250   | 220   | 245  | 225  | 225  | 215 | 230   | I230S | 230  | 220  | 235  | 225 | 230 | 230   | 230   | E265B | E305B | E345B |  |  |
| 12      | E345B | 295   | 270   | 295   | 285   | E310A | E265A | 225   | 225  | 215  | 220  | 225 | 210   | 215   | 220  | 210  | 220  | 220 | 205 | 235   | 240   | E275A | E275A | E315B |  |  |
| 13      | E340B | E335B | 345   | 275   | 280   | 260   | 250   | 250   | 225  | 230  | 225  | 220 | 220   | 220   | 225  | 220  | 240  | 220 | 225 | 215   | 220   | 250   | 250   | E340A |  |  |
| 14      | E340B | 325   | 330   | 300   | 270   | 250   | 245   | 230   | 215H | 210  | 220  | 220 | 225   | 220   | 225  | 210  | 205  | 220 | 215 | 210   | 235   | 250   | E320B | E350B |  |  |
| 15      | 295   | 305   | E320B | 305   | 305   | 275   | 300   | E275B | 225  | 225  | 215  | 215 | 215   | 220   | 230  | 200H | 205  | 200 | 210 | 230   | 225   | 295   | E375B | E395B |  |  |
| 16      | 385   | 350   | 315   | 280   | 325   | 275   | E305A | 265   | 240  | 245  | 220  | 215 | 225   | 220   | 210  | 215  | 205  | 200 | 210 | 215   | 225   | 255   | 240   | 295   |  |  |
| 17      | 310   | 320   | 300   | 310   | 310   | 280   | 295   | E250B | 260  | 220  | 220  | 215 | 210   | 225   | 215  | 205  | 200  | 200 | 200 | 225   | 235   | 280   | E315B | 300   |  |  |
| 18      | E295B | 300   | 350   | 325   | 280   | E270B | E275B | 245   | 230H | 225  | 220  | 220 | 210   | 210   | 240H | 205  | 205  | 205 | 210 | 210   | 210   | 250   | E265B | 240   |  |  |
| 19      | E305B | 350   | 340   | 320   | 305   | 255   | 235   | 250   | 225  | 245  | 215  | 205 | 220   | 215   | 220  | 205  | 205  | 200 | 200 | 210   | 215   | E275B | E285B | E345B |  |  |
| 20      | E335B | E345B | E370B | 305   | 295   | 265   | 240   | 225   | 240  | I95H | 220  | 200 | 215   | 205   | 215  | 205  | 210  | 205 | 200 | 210   | 250   | 280   | 305   | 340   |  |  |
| 21      | E360B | 340   | 325   | 300   | 255   | 240   | 250   | 245   | 245  | 205  | 215  | 200 | 215   | 205   | 220  | 210  | 200  | 240 | 205 | 225   | E270B | E335B | E350B | E365B |  |  |
| 22      | E330B | E350B | E350B | E350B | E280B | 240   | E300B | C     | 255  | 225  | 220  | 220 | 215   | 220   | 225  | 220  | 200  | 200 | 205 | 230   | E270B | E350B | E370B | 350   |  |  |
| 23      | E295B | 295   | 270   | E285B | 270   | E300B | E280B | E250B | 210  | 220  | 215  | 220 | 225   | 220   | 220  | 205  | 210  | 205 | 210 | 225   | 240   | A     | A     | A     |  |  |
| 24      | E320B | E335B | E335B | E320B | E330B | 300   | E290B | 285   | 220  | I85H | I70H | 220 | 215   | 205   | 215  | 205  | 220  | 205 | 220 | 210   | E250B | 255   | 250   | E280B |  |  |
| 25      | E325B | E345B | E325B | 345   | 305   | 250   | 270   | 240   | 225  | 220  | 215  | 215 | 225   | 200   | 215  | 205  | 205  | 210 | 215 | 230   | E250B | E390B | E365B | E330B |  |  |
| 26      | E360B | E335B | 320   | 320   | E310B | 285   | E295B | E300B | 230  | 210  | 210  | 215 | 230   | 225   | 230  | 200  | 220  | 200 | 205 | 225   | 255   | E335B | E350B | 210   |  |  |
| 27      | E385B | E360B | 325   | 320   | E325B | E310B | 295   | 290   | 250  | 210  | I90H | 210 | 220   | 220   | 215  | 210  | 205  | 205 | 215 | 255   | E310B | E275B | 275   | 290   |  |  |
| 28      | 295   | 310   | 305   | 315   | 280   | 265   | 245   | 250   | 225  | 215  | 225  | 220 | 215   | 225   | 225  | 205  | 225  | 210 | 215 | 220   | E255B | C     | 295   | E325B |  |  |
| 29      | E350B | E340B | E340B | E355B | E340B | 330   | 275   | 265   | 235  | 225  | 235  | 220 | 220   | 235   | 215  | 205  | 225H | 225 | 215 | E280B | E400B | E395B | E445B | E450B |  |  |
| 30      | E415B | 405   | 400   | E400B | 295   | 255   | E250B | E270B | 235  | 245  | 240  | 230 | 235   | 220   | 230  | 230  | 200  | 250 | 230 | 215   | 245   | 280   | E310B | E345B |  |  |
| 31      | E350B | E330B | A     | E310B | E325B | E320B | E280B | 255   | 210  | 215  | 225  | 215 | 210   | 220   | 205  | C    | C    | C   | C   | C     | C     | C     | C     | C     |  |  |
|         | 45    | E40   | 30    | 20    | 25    | 35    | E40   | 25    | 20   | 10   | 10   | 10  | 10    | 5     | 10   | 10   | 15   | 15  | 15  | 15    | 20    | 55    | E90   | 50    |  |  |
| Медiana | E335B | U320  | U320  | U305  | U290  | U260  | U250  | U245  | 230  | 220  | 220  | 215 | 220   | 220   | 220  | 210  | 210  | 210 | 210 | U220  | U235  | E280  | E305B | E330B |  |  |
| Учтено  | 31    | 31    | 30    | 31    | 31    | 31    | 30    | 30    | 31   | 31   | 31   | 31  | 31    | 31    | 31   | 30   | 30   | 30  | 30  | 30    | 30    | 28    | 29    | 29    |  |  |
|         | E310  | 310   | 305   | 300   | 275   | 250   | 250   | 235   | 225  | 215  | 215  | 210 | 215   | 215   | 215  | 205  | 205  | 205 | 205 | 215   | 230   | E255  | 250   | E300  |  |  |
|         | E355  | E350  | 335   | 320   | 300   | 285   | E290  | 260   | 245  | 225  | 225  | 220 | 225   | 220   | 225  | 215  | 220  | 220 | 220 | 230   | 250   | E310  | E340  | E350  |  |  |

Пробег частоты от

I.0

МГц до

I8.0

МГц

20

сек.  
мин

Станция

автоматическая

(ручная, автоматическая)

# ИОНОСФЕРНЫЕ ДАННЫЕ

Тип  $E_s$  декабрь 1979 г.

НИРФИ

(характеристика)(единицы)(месяц)(год)

(институт)

Горький

НИРФИ

Потемкиной

Станция

поясное время

45°E

Кем составлена

Долгота

44°17'E

широта

56°09'N

Кем подсчитана

| Дня | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08   | 09   | 10   | 11   | 12   | 13   | 14   | 15   | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |   |   |
|-----|----|----|----|----|----|----|----|----|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|---|---|
| 1   | fI |    |    |    |    |    |    |    |      | CI   | hI   | CI   |      | CI   | CI   | CIhI |    |    |    |    |    |    |    |    |   |   |
| 2   |    |    |    |    |    | f2 | f5 |    | f2   |      |      | fI   | fICI |      | CI   | CI   | CI | fI | f2 | fI |    |    |    |    |   |   |
| 3   |    |    |    |    |    |    |    | f3 |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |   |   |
| 4   |    |    |    |    |    |    |    |    |      | CI   |      |      |      |      |      |      |    |    |    |    |    |    |    |    |   |   |
| 5   |    |    |    |    |    |    |    |    | f2   | f3   | fI   |      |      |      | hI   |      |    |    |    |    |    |    |    |    |   |   |
| 6   |    |    |    |    |    |    |    |    | f2CI | CIhI | CI   | CI   | fC   | fI   | fI   | fI   | f2 | f2 | fI |    | fI |    |    |    |   |   |
| 7   | f2 |    | fI |    |    |    |    |    | f2   | fI   |      |      | hI   |      |      |      | CI |    | f2 |    |    |    |    |    |   |   |
| 8   |    |    |    |    |    |    |    |    |      |      |      | fI   | fI   | fI   | fI   | f2   | f2 |    | fI | fI |    |    |    |    |   |   |
| 9   |    |    |    |    |    |    |    |    |      | f2CI |      |      | fI   | fI   | fI   | CIhI | f2 |    | f2 | fI |    |    |    |    |   |   |
| 10  |    |    |    |    |    |    |    |    | CI   | fI   | CIhI | CI   | CI   | fICI | CI   | CI   |    | fI | f2 | f4 | f2 | f2 | f2 | f2 |   |   |
| 11  | fI | f2 |    | f2 |    | fI |    |    | CI   | CIhI | CI   | CI   | fI   |      | fI   | f2   | f2 | fI | f2 | fI | fI |    |    |    |   |   |
| 12  |    |    |    |    |    | fI | fI |    |      | hI   | fI   | fI   | hI   | CIhI | CIhI | f2CI | f2 | fI |    | f3 | f2 | f2 | fI |    |   |   |
| 13  |    |    |    |    |    |    |    |    |      |      |      | fI   | hI   | fI   | fI   |      | CI |    |    |    | fI | f2 | fI | f2 |   |   |
| 14  |    |    |    |    |    |    |    |    | h2fI | fI   |      |      |      |      | fI   |      | fI | fI |    |    |    |    |    |    |   |   |
| 15  |    |    |    |    |    |    |    |    | hI   | hI   | fI   | CIh2 | CIh2 | CI   | fI   |      |    | fI |    |    |    | f2 |    |    |   |   |
| 16  |    |    |    |    |    |    | fI |    |      | hIhI |      |      |      |      | CI   |      |    |    |    |    |    |    |    |    |   |   |
| 17  |    |    |    |    |    |    | f2 |    |      | fI   | fI   |      |      |      |      |      |    |    |    |    |    |    |    |    |   |   |
| 18  |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      | CI   |    |    |    |    |    |    |    |    |   |   |
| 19  |    |    |    |    |    |    |    | fI | f2   | f2   | fIhI |      |      |      |      |      |    |    |    |    |    |    |    |    |   |   |
| 20  |    |    |    |    |    |    |    |    | CI   |      | CI   | hI   | CIhI | CIhI | fI   | fI   |    |    |    |    |    |    |    |    |   |   |
| 21  |    |    |    |    |    |    |    |    |      | fI   | CI   | fICI | CI   | CI   | CI   |      | f2 | f3 |    |    |    |    |    |    |   |   |
| 22  |    |    |    |    |    |    |    | C  |      | f2   | hIhI |      | CI   | CI   | CI   | fI   |    | fI |    |    |    |    |    |    |   |   |
| 23  |    |    |    |    |    |    |    |    |      |      | CI   |      |      |      | CI   | fI   |    |    |    |    | f2 | f2 | f2 | f3 |   |   |
| 24  |    |    |    |    |    |    |    |    |      | hI   |      | fI   | h2   | CI   | CI   | fI   |    |    | fI |    |    |    |    |    |   |   |
| 25  |    |    |    |    |    |    |    |    |      | hI   | hIhI | CI   |      |      |      | fI   |    | fI |    |    |    |    |    |    |   |   |
| 26  |    |    |    |    |    |    |    |    |      | hI   |      |      | CI   | fI   | fIhI |      |    |    |    |    |    |    |    |    |   |   |
| 27  |    |    |    |    |    |    |    |    |      | fIhI | fI   | fI   | fI   | CI   |      | hI   | CI |    |    |    |    |    |    |    |   |   |
| 28  |    |    |    |    |    |    |    |    | fI   |      |      |      | CI   | CI   | fI   | CIhI | fI | fI |    |    |    |    |    |    |   |   |
| 29  |    |    |    |    |    |    |    | fI |      |      | fI   |      |      |      | CI   | fICI |    | f2 |    |    |    |    |    |    |   |   |
| 30  | f2 |    |    |    |    |    |    |    |      | hIhI | hI   | hI   | CI   | CI   | CI   | CI   | CI |    |    |    |    |    |    |    |   |   |
| 31  |    |    | f2 |    |    |    |    |    |      | fICI | fICI | fI   | hIhI | hIhI | CI   | C    | C  | C  | C  | C  | C  | C  | C  | C  | C | C |

Медиац

Учтенз

Пробег частоты от

1.0

МГц до

18.0

МГц

20

сек.

Станция

АВТОМАТИЧЕСКАЯ

(ручная, автоматическая)