

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

30F2 0.1 Мгц июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(Институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделаки

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| 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 | C | R | 60 | 62 | R | R | C | C | 57 | A | A | A | A | C | 70 | I 66 R | I 63 R | I 59 A | 52 | I 55 A | 59 | 60 | I 57 R | 59 |
| 2 | C | 56 | 53 | 52 | 52 | 55 | 71 | I 64 R | I 63 R | I 64 R | I 64 R | I 65 R | R | R | 69 | I 65 R | I 63 A | I 64 R | I 64 S | C | C | C | C | C |
| 3 | C | C | C | C | C | C | C | 63 | A | C | C | C | C | C | C | 68 | 66 | 69 | I 67 R | I 63 R | C | C | R | 63 |
| 4 | 64 | 64 | 63 | 62 | 57 | u 60 R | u 71 R | 81 | 79 | 77 | 80 | 80 | 83 | 91 | 90 | 80 | 70 | 66 | A | 75 | u 93 R | A | u 64 R | u 64 R |
| 5 | C | R | I 61 R | I 56 A | 49 | I 52 R | I 61 R | I 68 R | 82 | 75 | 81 | C | C | C | I 71 C | I 69 A | 70 | I 69 R | R | R | C | C | C | I 59 A |
| 6 | C | I 61 A | 60 | 53 | 51 | u 50 R | 43 | 42 | 57 | 59 | I 59 C | u 62 C | A | A | u 62 C | I 62 A | u 63 R | 55 | 59 | I 65 R | I 73 R | I 77 C | u 74 R | I 67 C |
| 7 | C | C | C | C | C | C | C | C | 51 | A | A | A | A | C | C | C | C | I 59 R | 52 | 58 | I 57 A | 57 | u 55 R | 54 |
| 8 | C | C | C | 55 | 52 | 53 | 59 | 59 | 71 | 74 | I 80 A | I 75 R | I 72 A | C | C | C | R | 61 | A | C | C | C | C | C |
| 9 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 10 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 11 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 12 | C | C | C | C | C | C | C | C | C | C | C | 80 | 73 | u 74 R | 80 | 82 | 74 | 62 | 64 | 59 | I 65 A | 71 | I 70 R | C |
| 13 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 14 | u 58 R | 60 | u 55 F | 52 | 51 | 46 | 54 | u 64 R | R | 73 | 80 | 82 | 83 | 84 | 86 | 77 | 74 | u 68 R | 59 | 60 | 72 | u 72 R | R | R |
| 15 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 16 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 17 | C | 49 | 50 | 49 | 47 | 48 | C | u 63 R | u 74 R | C | C | C | C | C | 79 | 79 | u 65 R | u 69 R | I 68 R | C | R | A | A | A |
| 18 | A | 60 | u 59 R | u 58 R | u 57 R | u 52 R | 67 | R | u 72 R | 76 | 84 | 90 | 90 | 90 | 89 | 90 | 77 | u 74 A | A | A | A | A | A | u 84 A |
| 19 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 20 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 21 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 22 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 23 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 24 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 25 | C | C | C | C | C | C | C | C | C | C | C | 85 | 90 | 86 | I 99 C | 93 | 88 | C | C | A | 70 | R | R | R |
| 26 | u 64 R | 70 | 66 | 61 | 60 | 60 | 64 | I 63 A | R | u 80 R | 74 | 76 | I 77 A | u 78 R | 87 | u 84 R | A | A | A | A | R | A | R | R |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 28 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 29 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 30 | C | C | C | C | C | C | C | C | C | C | C | 87 | 85 | u 78 R | I 75 R | I 71 R | 69 | I 71 R | R | A | A | A | R | R |
| 31 | 62 | u 63 R | u 63 R | 60 | I 58 F | 61 | 70 | I 86 A | 88 | 88 | 92 | 91 | I 92 C | 93 | 91 | 88 | 86 | 84 | u 72 R | 77 | R | R | R | u 63 R |
| Медiana | 63 | 60 | 60 | 56 | 52 | 53 | 64 | 64 | 72 | 75 | 80 | 80 | 83 | 88 | 80 | 78 | 70 | 67 | 64 | 62 | 70 | 71 | 64 | 63 |
| Учено | 4 | 8 | 10 | 11 | 10 | 10 | 9 | 10 | 10 | 9 | 9 | 11 | 9 | 8 | 13 | 14 | 13 | 14 | 9 | 8 | 7 | 5 | 5 | 8 |
| | | 58/67 | 55/63 | 52/61 | 51/57 | 50/60 | 56/71 | 63/68 | 57/79 | 68/78 | 69/80 | 75/87 | 75/90 | 78/92 | 70/90 | 68/84 | 64/75 | 61/69 | 56/68 | 58/70 | 59/73 | 64/74 | 56/72 | 59/65 |

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

30 F1 0.1 Mгу Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Кандеаки

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Лошавили

| 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 | C | C | 45 | A | A | A | A | C | 50 | I 49 R | 46 | A | L | | | | | |
| 2 | | | | | | | L | L | L | R | 49 | 50 | I 49 A | 49 | 49 | 49 | I 45 A | L | L | | | | | |
| 3 | | | | | | | | L | A | C | C | C | C | C | C | L | 46 | L | L | | | | | |
| 4 | | | | | | L | L | 48 | 46 | 48 | 50 | 50 | 52 | 49 | 49 | 49 | L | L | A | A | | | | |
| 5 | | | | | | | L | L | A | A | A | C | C | C | C | A | L | L | A | L | | | | |
| 6 | | | | | | | | | 43 | 45 | u 49 R | u 49 L | A | A | u 49 R | I 47 A | 45 | L | | | | | | |
| 7 | | | | | | | | | A | A | A | A | A | C | C | C | C | L | | | | | | |
| 8 | | | | | | | L | L | A | 48 | A | C | C | C | L | L | A | | | | | | | |
| 9 | | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 10 | | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 11 | | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 12 | | | | | | | | | C | C | C | A | A | A | A | A | u 46 L | L | L | | | | | |
| 13 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 14 | | | | | | 33 | 40 | 43 | 47 | I 49 A | 51 | 51 | 51 | u 50 R | 49 | 48 | 46 | | | | | | | |
| 15 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 16 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 17 | | | | | | | | L | A | A | C | C | C | C | 50 | L | 49 | u 40 L | A | | | | | |
| 18 | | | | | | L | | | A | L | 54 | 51 | I 51 A | 51 | 50 | 50 | A | A | A | | | | | |
| 19 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 20 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 21 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 22 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 23 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 24 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 25 | | | | | | | | C | C | C | C | L | A | A | C | A | L | C | C | A | | | | |
| 26 | | | | | | L | | | A | A | A | A | A | A | A | L | A | A | A | A | L | | | |
| 27 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 28 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 29 | | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 30 | | | | | | | | C | C | C | C | C | R | L | L | L | L | L | | | | | | |
| 31 | | | | | | | | | L | L | 57 | C | L | L | L | L | u 50 R | L | | | | | | |
| Медiana | | | | | | 33 | 40 | 46 | 45 | 48 | 50 | 50 | 51 | 50 | 49 | 49 | 46 | 40 | | | | | | |
| Учтено | | | | | | 1 | 1 | 2 | 4 | 4 | 5 | 6 | 4 | 4 | 7 | 6 | 8 | 1 | | | | | | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

30E 0.01 Мгц. Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Кандаки

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана Ломашвили

| 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 | | | | | | u 200R | c | c | A | A | A | R | R | I 370C | 370 | 350 | 310 | 300 | 240 | 160 | | | | | | | | | | | |
| 2 | | | | | 110 | R | 220 | A | 305 | 335 | 355 | 370 | I 370A | 370 | 365 | 330 | 310 | 300 | I 245A | A | | | | | | | | | | | |
| 3 | | | | | c | c | c | 285 | 310 | c | c | c | c | c | c | R | R | u 310R | 240 | 170 | | | | | | | | | | | |
| 4 | | | | | | 180 | 240 | 290 | 305 | u 345A | u 320A | u 310A | u 330A | A | u 330A | 340 | 310 | 290 | 240 | E | | | | | | | | | | | |
| 5 | | | | | | R | 245 | 300 | 300 | A | 340 | c | c | c | c | A | 330 | 300 | 240 | A | | | | | | | | | | | |
| 6 | | | | | | E | 220 | 270 | 300 | 330 | 350 | 370 | 350 | 340 | 320 | 320 | I 305R | 290 | 240 | E | | | | | | | | | | | |
| 7 | | | | | | c | c | c | 305 | 320 | 325 | 330 | 320 | c | c | c | c | 290 | 240 | 160 | | | | | | | | | | | |
| 8 | | | | | | 190H | I 220R | 290 | 300 | 305 | A | A | A | c | c | c | I 310A | 300 | 235 | A | | | | | | | | | | | |
| 9 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 10 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 11 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 12 | | | | | | | c | c | c | c | c | 360 | 360 | I 350R | 320 | I 270A | I 255A | A | A | R | | | | | | | | | | | |
| 13 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 14 | | | | | | 200 | 250 | 290 | 310 | 330 | 350 | 380 | 370 | 360 | u 340A | A | A | 300 | 250 | 180 | | | | | | | | | | | |
| 15 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 16 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 17 | | | | | | E | 230 | 290 | 300 | c | c | c | c | c | 350 | 350 | 320 | 300 | 260 | E | | | | | | | | | | | |
| 18 | | | | | | 130 | 220 | 290 | 320 | 335 | 360 | 340 | u 310A | u 300A | A | A | A | 305 | 300 | u 250A | | | | | | | | | | | |
| 19 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 20 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 21 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 22 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 23 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 24 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 25 | | | | | | | c | c | c | c | c | 360 | 350 | 360 | c | 300 | 300 | c | c | A | | | | | | | | | | | |
| 26 | | | | | | A | 250 | 300 | 325 | 340 | 350 | 360 | 370 | 380 | 395 | u 400A | u 400A | u 390A | 350 | 310 | 270 | | | | | | | | | | |
| 27 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 28 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 29 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 30 | | | | | | | c | c | c | c | c | R | R | R | I 370A | u 325A | u 300A | R | 260 | R | | | | | | | | | | | |
| 31 | | | | | | | 230 | 300 | 330 | 360 | 380 | 400 | I 390c | 380 | I 370c | 350 | 330 | 295 | 250 | E | | | | | | | | | | | |
| Медиана | | | | | 110 | 180 | 230 | 290 | 305 | 335 | 350 | 360 | 355 | 360 | 360 | 335 | 310 | 300 | 240 | 160 | 270 | | | | | | | | | | |
| Учтено | | | | | 1 | 7 | 10 | 10 | 12 | 9 | 9 | 10 | 10 | 9 | 10 | 10 | 12 | 13 | 14 | 10 | 1 | | | | | | | | | | |
| | | | | | | E | 200 | 220 | 290 | 300 | 315 | 330 | 340 | 330 | 340 | 330 | 370 | 345 | 375 | 330 | 370 | 320 | 350 | 300 | 325 | 290 | 300 | 240 | 260 | E | 180 |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

30E5 0.1 Мгц Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделакс

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| 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 | c | J 48 X | J 49 X | J 29 X | J 24 X | G | c | c | 40 | J 52 X | J 78 X | 46 | 43 | c | 40 | 40 | J 53 X | J 63 X | 30 | J 51 X | E 14 B | E 13 B | E 14 B | E 17 B |
| 2 | c | J 30 X | 15 | 25 | 15 | J 32 X | 37 | 40 | 40 | 36 | J 50 X | 41 | 51 | 45 | 39 | 50 | 53 | 37 | J 35 X | 23 | E 14 B | E 13 B | E 12 B | J 27 X |
| 3 | c | c | c | c | c | c | c | J 43 X | J 51 X | c | c | c | c | c | c | G | G | G | 40 | 33 | c | c | 26 | J 41 X |
| 4 | 20 | 26 | 36 | 30 | J 15 X | J 28 X | 40 | J 33 X | 37 | J 40 X | J 43 X | 40 | G | 40 | 40 | 41 | 60 | 41 | 62 | 51 | J 25 X | 41 | 38 | 30 |
| 5 | c | J 48 X | J 52 X | J 53 X | J 28 X | 22 | G | G | 44 | 54 | 52 | c | c | c | c | J 43 X | 44 | 37 | J 51 X | 26 | J 29 X | J 33 X | J 29 X | J 33 X |
| 6 | c | 36 | 43 | 37 | 39 | 40 | 42 | 39 | 39 | 60 | 50 | 48 | 55 | 59 | 50 | 51 | G | 40 | 43 | 40 | 47 | J 27 X | 38 | 31 |
| 7 | c | c | c | c | c | c | c | c | 50 | J 53 X | J 53 X | J 90 X | J 53 X | c | c | c | c | 50 | 40 | 41 | J 53 X | 40 | 43 | 28 |
| 8 | c | c | c | J 28 X | J 25 X | G | G | 40 | 60 | J 85 X | J 93 X | J 43 X | J 74 X | c | c | c | 35 | 40 | 62 | 46 | J 52 X | J 40 X | J 49 X | J 30 X |
| 9 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 10 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 11 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 12 | c | c | c | c | c | c | c | c | c | c | c | 54 | 64 | J 44 X | J 57 X | 58 | 4 | 34 | 38 | G | 53 | 39 | 32 | c |
| 13 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 14 | J 51 X | 40 | 43 | 28 | 20 | 21 | 38 | 34 | 40 | 50 | 50 | 40 | 43 | 47 | 58 | 50 | 40 | 28 | 38 | 48 | 31 | 58 | 37 | 19 |
| 15 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 16 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 17 | c | 40 | 25 | 25 | 33 | G | 39 | 39 | 50 | c | c | c | c | c | 41 | 44 | 41 | 39 | 49 | J 29 X | 19 | 35 | 40 | 48 |
| 18 | 62 | 59 | 39 | 49 | 26 | 23 | 40 | 48 | 60 | J 68 X | 58 | 50 | J 81 X | 60 | J 42 X | 58 | 60 | J 88 X | 490 c | 94 | 98 | 95 | 60 | 60 |
| 19 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 20 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 22 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 23 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 24 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | 59 | 55 | 53 | c | 60 | 39 | c | c | J 43 X | 40 | 31 | 39 | E 16 B |
| 25 | 32 | 31 | 27 | 23 | 21 | 23 | 31 | 59 | 57 | J 53 X | 58 | 58 | J 73 X | 55 | 59 | J 63 X | 490 c | J 63 X | 58 | 56 | 4 | 39 | 40 | 38 |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 28 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 29 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 30 | c | c | c | c | c | c | c | c | c | c | c | 53 | 45 | 44 | 47 | J 82 X | 38 | 49 | J 54 X | J 83 X | J 88 X | J 52 X | J 50 X | J 41 X |
| 31 | 41 | 39 | 29 | 32 | 33 | 40 | J 37 X | 48 | J 51 X | 49 | 4 | 49 | c | 50 | c | 42 | 40 | 35 | 38 | 41 | 41 | 4 | E 19 B | 35 |
| Медиана | 30 | 17 | 16 | 12 | 13 | 9 | 14 | 14 | 11 | 8 | 14 | 28 | 11 | 17 | 16 | 15 | 15 | 20 | 20 | 28 | 10 | 14 | 14 | |
| Учено | 41 | 40 | 38 | 29 | 25 | 23 | 38 | 40 | 50 | 53 | 52 | 49 | 55 | 48 | 44 | 50 | 40 | 40 | 43 | 42 | 40 | 39 | 38 | 31 |
| | 5 | 10 | 10 | 11 | 11 | 11 | 10 | 11 | 13 | 11 | 10 | 13 | 11 | 10 | 10 | 14 | 14 | 15 | 15 | 16 | 14 | 14 | 16 | 15 |
| | 26/56 | 31/48 | 27/43 | 25/37 | 20/33 | G/32 | 31/40 | 34/48 | 40/54 | 49/60 | 50/58 | 42/56 | 45/73 | 44/55 | 40/57 | 42/58 | 38/53 | 35/50 | 38/58 | 31/51 | 25/53 | 31/41 | 28/42 | 27/41 |

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

30Es 0-1 Mгч Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделаки

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| Дни | Q0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|------|------|
| 1 | c | 47 | 30 | 20 | 16 | G | c | c | 33 | A | A | A | A | c | 40 | 40 | 41 | A | 29 | A | E14B | E13B | E14B | E17B |
| 2 | c | 17 | 12 | 20 | 13 | 31 | 30 | 32 | 35 | 35 | 41 | 41 | 49 | 45 | 39 | 42 | A | 32 | 31 | 23 | E14B | E13B | E12B | 23 |
| 3 | c | c | c | c | c | c | c | 30 | A | c | c | c | c | c | c | G | G | G | 30 | 30 | c | c | 21 | 30 |
| 4 | 12 | 13 | E | 18 | 12 | 20 | 30 | 31 | 36 | 39 | 38 | 38 | G | 39 | 40 | 39 | 45 | 32 | A | 50 | 18 | A | 20 | 27 |
| 5 | c | 40 | 41 | A | 20 | 22 | G | G | 44 | 54 | 50 | c | c | c | c | A | 44 | 32 | 46 | 26 | 28 | 26 | 24 | A |
| 6 | c | A | 40 | 29 | 30 | 20 | 36 | 32 | 36 | 40 | 42 | 40 | A | A | 41 | A | G | 31 | 42 | 31 | 41 | 22 | 21 | 18 |
| 7 | c | c | c | c | c | c | c | c | 45 | A | A | A | A | c | c | c | c | 35 | 30 | 34 | A | 30 | 37 | 18 |
| 8 | c | c | c | 25 | 16 | G | G | 35 | 53 | 42 | A | 40 | A | c | c | c | 32 | 40 | A | 40 | 30 | 20 | 30 | 25 |
| 9 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 10 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 11 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 12 | c | c | c | c | c | c | c | c | c | c | c | 50 | 54 | 51 | 64 | 50 | 37 | 31 | 28 | G | A | 28 | 18 | c |
| 13 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 14 | 26 | 28 | 21 | 15 | E | 21 | 30 | 31 | 40 | 48 | 43 | 40 | 43 | 45 | 38 | 42 | 31 | 23 | 38 | 33 | 22 | 35 | 29 | 17 |
| 15 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 16 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 17 | c | 32 | 20 | 22 | 29 | G | 30 | 33 | 40 | c | c | c | c | c | 41 | 43 | 41 | 33 | 40 | 22 | 15 | A | A | A |
| 18 | A | 41 | 16 | 15 | 13 | 18 | 30 | 41 | 53 | 46 | 39 | 41 | 77 | 45 | 41 | 45 | 58 | 60 | A | A | A | A | A | 50 |
| 19 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 20 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 22 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 23 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 24 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | 44 | 54 | 53 | c | 51 | 35 | c | c | A | 21 | 30 | 29 | E16B |
| 26 | 25 | 20 | 20 | 17 | 14 | 22 | 31 | A | 47 | 37 | 49 | 49 | A | 53 | 52 | 58 | A | A | A | A | 40 | A | 32 | 36 |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 28 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 29 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 30 | c | c | c | c | c | c | c | c | c | c | c | 52 | 45 | 44 | 47 | 46 | 32 | 46 | 44 | A | A | A | 40 | 30 |
| 31 | 29 | 31 | 18 | 12 | 21 | 30 | 30 | A | 44 | 41 | 42 | 46 | c | 44 | c | 42 | 40 | 32 | 35 | 28 | 31 | У | E19B | 29 |
| Медиана | 26 | 32 | 20 | 20 | 16 | 20 | 30 | 32 | 44 | 42 | 43 | 44 | 54 | 45 | 41 | 44 | 40 | 32 | 40 | 33 | 30 | 30 | 27 | 27 |
| Учено | 5 | 10 | 10 | 11 | 11 | 11 | 10 | 11 | 13 | 11 | 11 | 13 | 12 | 10 | 10 | 14 | 15 | 15 | 15 | 16 | 15 | 14 | 16 | 15 |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

f_{min} 0,1 Мгц. июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Госуниверситет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделаки

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана Ломашвили

| 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 | с | 10 | 10 | 10 | 10 | 15 | с | с | 18 | 18 | 16 | 18 | 17 | с | 18 | 15 | 12 | 10 | 14 | 13 | 14 | 13 | 14 | 17 |
| 2 | с | 10 | 10 | 10 | 10 | 16 | 14 | 17 | 16 | 15 | 17 | 16 | 21 | 17 | 15 | 17 | 13 | 14 | 11 | 14 | 14 | 13 | 12 | 14 |
| 3 | с | с | с | с | с | с | с | 12 | 15 | с | с | с | с | с | с | 15 | 18 | 15 | 13 | 12 | с | с | 12 | 12 |
| 4 | 10 | 10 | 10 | 10 | 10 | 13 | 14 | 10 | 13 | 10 | 12 | 12 | 12 | 17 | 16 | 14 | 15 | 13 | 17 | 16 | 15 | 14 | 14 | 15 |
| 5 | с | 10 | 10 | 10 | 10 | 14 | 16 | 12 | 14 | 14 | 13 | с | с | с | с | 17 | 17 | 15 | 15 | 14 | 13 | 13 | 13 | 11 |
| 6 | с | 10 | 10 | 10 | 10 | 15 | 15 | 15 | 15 | 20 | 19 | 28 | 18 | 18 | 19 | 16 | 16 | 16 | 15 | 15 | 14 | 13 | 13 | 14 |
| 7 | с | с | с | с | с | с | с | с | 15 | 17 | 16 | 18 | 18 | с | с | с | с | 15 | 15 | 12 | 13 | 12 | 12 | 13 |
| 8 | с | с | с | 10 | 10 | 14 | 13 | 11 | 13 | 15 | 15 | 22 | 26 | с | с | с | 18 | 15 | 15 | 14 | 10 | 11 | 12 | 13 |
| 9 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 10 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 11 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 12 | с | с | с | с | с | с | с | с | с | с | с | 19 | 17 | 24 | 17 | 18 | 17 | 15 | 15 | 12 | 12 | 15 | 15 | с |
| 13 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 14 | 10 | 10 | 10 | 10 | 10 | 14 | 13 | 16 | 14 | 14 | 17 | 18 | 21 | 20 | 18 | 18 | 18 | 15 | 15 | 14 | 10 | 12 | 12 | 14 |
| 15 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 16 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 17 | с | 10 | 10 | 10 | 10 | 14 | 18 | 15 | 13 | с | с | с | с | с | 25 | 17 | 16 | 15 | 15 | 13 | 12 | 12 | 13 | 14 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 17 | 17 | 16 | 18 | 18 | 28 | 22 | 18 | 18 | 13 | 13 | 12 | 12 | 12 | 13 |
| 19 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 20 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 21 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 22 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 23 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 24 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 25 | с | с | с | с | с | с | с | с | с | с | с | 14 | 15 | 17 | с | 17 | 15 | с | с | 15 | 15 | 13 | 15 | 16 |
| 26 | 13 | 10 | 10 | 10 | 10 | 13 | 15 | 15 | 18 | 19 | 18 | 18 | 19 | 18 | 19 | 19 | 20 | 29 | 20 | 19 | 14 | 18 | 14 | 14 |
| 27 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 28 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 29 | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с | с |
| 30 | с | с | с | с | с | с | с | с | с | с | с | 25 | 30 | 28 | 22 | 20 | 18 | 17 | 14 | 15 | 12 | 15 | 13 | 15 |
| 31 | 10 | 10 | 10 | 10 | 10 | 12 | 14 | 14 | 19 | 18 | 30 | 21 | с | 29 | Е 35 с | 20 | 28 | 19 | 16 | 15 | 12 | 14 | 19 | 13 |
| Медiana | 10 | 10 | 10 | 10 | 10 | 14 | 14 | 14 | 15 | 17 | 17 | 18 | 18 | 18 | 18 | 17 | 17 | 15 | 15 | 14 | 13 | 13 | 13 | 14 |
| Учено | 5 | 10 | 10 | 11 | 11 | 11 | 10 | 11 | 13 | 11 | 11 | 13 | 12 | 10 | 11 | 14 | 15 | 15 | 15 | 16 | 15 | 15 | 16 | 15 |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая

(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

(M 3000) F2 0.01 Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделак

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана Ломашвили

| 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 | c | R | 270 | 275 | R | R | c | c | 295 | A | A | A | A | c | 285 | R | R | A | 310 | A | 290 | 305 | R | 275 |
| 2 | c | 285 | 280 | 275 | 280 | 305 | 335 | R | R | R | R | R | R | R | 310 | R | A | R | S | c | c | c | c | c |
| 3 | c | c | c | c | c | c | c | 320 | A | c | c | c | c | c | c | 310 | 300 | 350 | R | R | c | c | R | 320 |
| 4 | 290 | 285 | 290 | 295 | 285 | u 285R | R | 310 | 280 | 280 | 285 | 280 | 280 | 290 | 305 | 305 | 300 | 305 | A | 290 | R | A | R | R |
| 5 | c | R | R | A | 275 | R | R | R | 315 | 280 | 280 | c | c | c | c | A | 305 | R | R | R | c | c | c | A |
| 6 | c | A | 300 | 280 | 290 | R | 300 | 340 | 270 | 300 | c | c | A | A | c | A | R | 270 | 280 | R | R | c | R | c |
| 7 | c | c | c | c | c | c | c | c | 330 | A | A | A | A | c | c | c | c | R | 300 | 320 | A | 300 | R | 290 |
| 8 | c | c | c | 300 | 305 | 305 | 340 | 305 | 305 | 300 | A | R | A | c | c | c | R | 310 | A | c | c | c | c | c |
| 9 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 10 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 11 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 12 | c | c | c | c | c | c | c | c | c | c | c | 310 | 275 | R | 290 | 310 | 290 | 300 | 300 | 305 | A | 280 | R | c |
| 13 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 14 | R | 285 | u 275F | 280 | 280 | 280 | 285 | R | R | 270 | 280 | 280 | 275 | 285 | 285 | 300 | 310 | R | 310 | 315 | 295 | R | R | R |
| 15 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 16 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 17 | c | 300 | 300 | 290 | 290 | 290 | c | R | R | c | c | c | c | c | 300 | 290 | R | R | R | c | R | A | A | A |
| 18 | A | 275 | u 265R | R | R | u 290R | 325 | R | R | 300 | 275 | 280 | 285 | 275 | 280 | 305 | 290 | u 310A | A | A | A | A | A | R |
| 19 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 20 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 22 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 23 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 24 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | 280 | 270 | 280 | c | 290 | 270 | c | c | A | 280 | R | R | R |
| 26 | u 260R | 265 | 280 | 280 | 270 | 300 | 270 | A | R | R | 285 | 280 | A | R | 290 | u 295R | A | A | A | A | R | A | R | R |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 28 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 29 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 30 | c | c | c | c | c | c | c | c | c | c | c | 300 | 305 | R | R | R | 290 | R | R | A | A | A | R | R |
| 31 | 300 | u 300R | R | 285 | F | 300 | 290 | A | 295 | 295 | 275 | 290 | c | 280 | 290 | 290 | 290 | 290 | R | 285 | R | R | R | R |
| Медiana | 280 | 25 | 25 | 10 | 10 | 10 | 50 | | 35 | 20 | 10 | 20 | 10 | 10 | 25 | 15 | 10 | 20 | 20 | 30 | | | | 295 |
| Учено | 3 | 7 | 8 | 9 | 8 | 8 | 7 | 4 | 7 | 7 | 6 | 8 | 6 | 5 | 9 | 9 | 9 | 7 | 5 | 5 | 3 | 3 | | 3 |
| | | 275/300 | 270/295 | 280/290 | 280/290 | 290/300 | 285/335 | | 280/315 | 280/300 | 275/285 | 280/300 | 275/285 | 280/290 | 285/310 | 290/305 | 290/300 | 290/310 | 290/310 | 290/320 | | | | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая (ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

(M 3000) F₁ 0.01 июль 1967г
 (характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
 (институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Кандеаки

Долгота 44° 48'E широта 41° 43'N

поясное время 45°E

Кем подсчитана Ломошвили

| 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 | C | C | 370 | A | A | A | A | C | 350 | R | A | A | L | | | | | |
| 2 | | | | | | | L | L | L | R | A | A | A | 305 | 310 | 310 | A | L | L | | | | | |
| 3 | | | | | | C | C | L | A | C | C | C | C | C | C | L | 370 | L | L | | | | | |
| 4 | | | | | | L | L | 345 | 375 | 380 | 345 | 340 | 340 | 340 | 355 | 370 | L | L | A | A | | | | |
| 5 | | | | | | | L | L | A | A | A | C | C | C | C | A | L | L | A | L | | | | |
| 6 | | | | | | | | | 230 | 210 | R | L | A | A | R | A | 300 | L | | | | | | |
| 7 | | | | | | | | | A | A | A | A | A | C | C | C | C | L | | | | | | |
| 8 | | | | | | | L | L | A | A | A | A | A | C | C | C | L | L | A | | | | | |
| 9 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 10 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 11 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 12 | | | | | | | C | C | C | C | C | A | A | A | A | A | L | L | L | | | | | |
| 13 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 14 | | | | | | 310 | 335 | 365 | 370 | A | 385 | 400 | 410 | 310R | 360 | 370 | 355 | | | | | | | |
| 15 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 16 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 17 | | | | | | | L | A | A | C | C | C | C | C | 330 | L | 340 | L | A | | | | | |
| 18 | | | | | | L | | | A | L | 350 | 355 | A | 390 | 390 | 365 | A | A | A | | | | | |
| 19 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 20 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 21 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 22 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 23 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 24 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 25 | | | | | | | C | C | C | C | C | L | A | A | C | A | L | C | C | A | | | | |
| 26 | | | | | | L | | | A | A | A | A | A | A | A | L | A | A | A | A | L | | | |
| 27 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 28 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 29 | | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| 30 | | | | | | | C | C | C | C | C | R | L | L | L | L | L | L | | | | | | |
| 31 | | | | | | | | | L | L | 330 | C | L | L | L | L | R | L | | | | | | |
| Медiana | | | | | | 310 | 335 | 355 | 335 | 295 | 360 | 355 | 375 | 335 | 350 | 355 | 340 | | | | | | | |
| Учтено | | | | | | 1 | 1 | 2 | 4 | 2 | 3 | 4 | 2 | 4 | 6 | 4 | 4 | | | | | | | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая (ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

h'F км. Цюль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Гос. университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделак

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| 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 | C | E 300A | 310 | 290 | 275 | 265 | C | C | 210 | A | A | A | A | C | 240 | E 250A | E 310A | A | 240 | I 250A | 255 | 260 | 245 | 260 | | |
| 2 | C | 280 | 260 | 300 | 260 | 280 | 245 | 210 | 215 | 190 | E 230A | E 220A | A | E 250A | 225 | E 225A | A | 215 | E 225A | 255 | 250 | 240 | 265 | 275 | | |
| 3 | C | C | C | C | C | C | C | 210 | A | C | C | C | C | C | C | 200 | 200 | 230 | 240 | 270 | C | C | 250 | 260 | | |
| 4 | 265 | 270 | 260 | 260 | 250 | 250 | 240 | 220 | 200 | 200 | 190 | 180 | 200 | 240 | 200 | 200 | 300 | 240 | I 260A | 280 | 230 | I 240A | 250 | 250 | | |
| 5 | C | E 300A | E 280A | A | E 275A | 250 | 240 | 215 | A | A | A | C | C | C | C | A | E 300A | 250 | 280 | 260 | 240 | 225 | 275 | A | | |
| 6 | C | A | 300 | 300 | 280 | 240 | 250 | 200 | 230 | 220 | 250 | 200 | A | A | 200 | I 200A | 205 | 250 | 350 | 300 | 270 | 250 | 260 | 250 | | |
| 7 | C | C | C | C | C | C | C | C | 230 | A | A | A | A | C | C | C | C | 250 | 250 | 260 | I 280A | 300 | 330 | 300 | | |
| 8 | C | C | C | 265 | 250 | 240 | 215 | 230 | A | E 250A | A | E 175A | A | C | C | C | 210 | 200 | I 225A | 250 | 250 | 250 | 275 | 275 | | |
| 9 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 10 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 11 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 12 | C | C | C | C | C | C | C | C | C | C | C | A | A | A | A | A | 210 | 210 | 220 | 250 | I 250A | 250 | 260 | C | | |
| 13 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 14 | 280 | 270 | 300 | 280 | 270 | 260 | 240 | 225 | 240 | I 230A | 220 | 200 | 210 | 260 | 200 | 225 | 200 | 280 | 260 | 260 | 240 | U 280A | 270 | 230 | | |
| 15 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 16 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 17 | C | 350 | 300 | 280 | 300 | 250 | 230 | A | A | C | C | C | C | C | 200 | 230 | 250 | 200 | I 225A | 250 | 200 | A | A | A | | |
| 18 | A | 350 | 300 | 230 | 250 | 250 | 250 | 250 | I 230A | 215 | 260 | 215 | I 205A | 200 | 200 | 200 | A | A | A | A | A | A | A | 300 | | |
| 19 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 20 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 21 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 22 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 23 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 24 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 25 | C | C | C | C | C | C | C | C | C | C | C | 370 | 360 | 350 | I 330 | C | 310 | 350 | C | C | A | 250 | 270 | 280 | 300 | |
| 26 | 310 | 300 | 270 | 275 | 270 | 270 | 230 | C | C | C | C | C | C | C | C | C | U 200A | A | A | A | A | A | 290 | 260 | 250 | 255 |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 28 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 29 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 30 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | |
| 31 | 270 | 350 | 270 | 240 | 260 | 260 | 240 | I 255A | 270 | 220 | 230 | 230 | I 220C | 210 | 230 | 240 | 230 | 250 | 250 | 250 | 240 | 240 | 250 | 260 | | |
| Медiana | 280 | 75 | 35 | 30 | 25 | 15 | 15 | 30 | 25 | 30 | 30 | 35 | 15 | 50 | 35 | 40 | 90 | 40 | 45 | 15 | 20 | 25 | 25 | 40 | | |
| Учено | 4 | 9 | 10 | 10 | 11 | 11 | 10 | 9 | 8 | 7 | 6 | 8 | 6 | 7 | 10 | 12 | 12 | 12 | 13 | 12 | 13 | 12 | 14 | 13 | | |
| | | 275/350 | 265/300 | 260/290 | 250/275 | 250/265 | 230/245 | 210/240 | 210/235 | 200/230 | 220/250 | 190/225 | 205/220 | 210/260 | 200/235 | 200/240 | 210/300 | 210/250 | 225/270 | 250/265 | 240/260 | 240/265 | 250/275 | 250/290 | | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая

(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

h'F2 км. Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Канделакс

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| 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 | | | | | | 275 | c | c | 350 | A | A | A | A | c | 350 | 355 | 325 | I 310A | 300 | | | | | |
| 2 | | | | | | | 270 | 240 | 335 | 370 | 365 | 350 | 340 | 350 | 325 | 345 | I 320A | 300 | 290 | | | | | |
| 3 | | | | | | | | 320 | A | c | c | c | c | c | c | 330 | 350 | 300 | 270 | | | | | |
| 4 | | | | | | 280 | 260 | 300 | 270 | 310 | 350 | 350 | 370 | 300 | 300 | 300 | 320 | 300 | A | A | | | | |
| 5 | | | | | | | 365 | 350 | 280 | 350 | 385 | c | c | c | c | A | 300 | 315 | I 345A | 375 | | | | |
| 6 | | | | | | | | | 400 | 350 | 400 | 400 | A | A | 350 | I 325A | 300 | 300 | | | | | | |
| 7 | | | | | | | | | 330 | A | A | A | A | c | c | c | c | 290 | | | | | | |
| 8 | | | | | | | 250 | 290 | 320 | 315 | I 320A | 325 | A | c | c | c | 290 | 320 | A | | | | | |
| 9 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 10 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 11 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 12 | | | | | | | c | c | c | c | c | 300 | 340 | 330 | 400 | 300 | 270 | 270 | 260 | | | | | |
| 13 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 14 | | | | | | 370 | 330 | 320 | 310 | 310 | 350 | 330 | 360 | 330 | 300 | 300 | 280 | | | | | | | |
| 15 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 16 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 17 | | | | | | | 300 | 220 | 300 | c | c | c | c | c | 300 | 300 | 340 | 300 | 300 | | | | | |
| 18 | | | | | | 300 | | | 330 | 340 | 360 | 340 | 350 | 340 | 330 | 300 | 340 | 340 | A | | | | | |
| 19 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 20 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 21 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 22 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 23 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 24 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 25 | | | | | | | c | c | c | c | c | 370 | 360 | 350 | I 330c | 310 | 350 | c | c | A | | | | |
| 26 | | | | | | 280 | | | 300 | 310 | 360 | 360 | I 355A | 350 | 330 | 310 | A | A | A | A | 300 | | | |
| 27 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 28 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 29 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | | | | | | | |
| 30 | | | | | | | c | c | c | c | c | 325 | 330 | 340 | 350 | 330 | 340 | | | | | | | |
| 31 | | | | | | | | | 300 | 310 | 350 | I 340c | 330 | 330 | 300 | 300 | 300 | 270 | | | | | | |
| Медiana | | | | | | 55 | 70 | 80 | 35 | 40 | 40 | 35 | 20 | 20 | 40 | 30 | 40 | 10 | 30 | | | | | |
| Учтено | | | | | | 280 | 285 | 300 | 320 | 315 | 360 | 350 | 350 | 340 | 330 | 310 | 320 | 300 | 295 | 375 | 300 | | | |
| | | | | | | 5 | 6 | 7 | 11 | 9 | 9 | 11 | 9 | 9 | 12 | 13 | 14 | 12 | 6 | 1 | 1 | | | |
| | | | | | | 280/335 | 260/330 | 240/320 | 300/335 | 310/350 | 335/375 | 325/360 | 340/360 | 330/350 | 310/350 | 300/330 | 300/340 | 300/310 | 270/300 | | | | | |

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

№ КМ. Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Камделак

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана Ломашвили

| 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 | | | | | | 130 | c | c | 100 | 100 | 100 | 105 | 100 | c | 100 | 100 | 100 | 100 | 100 | 105 | | | | |
| 2 | | | | | 100 | R | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | | |
| 3 | | | | | | c | c | 100 | 100 | c | c | c | c | c | c | 100 | 100 | 100 | 100 | 105 | | | | |
| 4 | | | | | | 120 | 100 | 110 | 100 | 100 | 100 | 100 | 100H | 100 | 100 | 100 | 100 | 100 | 100 | E | | | | |
| 5 | | | | | | 130 | 105 | 100 | 100 | 100 | 100 | c | c | c | c | 100 | 100 | 100 | 105 | 110 | | | | |
| 6 | | | | | | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | E | | | | | |
| 7 | | | | | | c | c | c | 100 | 100 | 100 | 100 | 100 | c | c | c | c | 100 | 100 | 110 | | | | |
| 8 | | | | | | 120H | 105 | 100 | 100 | 100 | 100 | 100 | 100 | c | c | c | 100 | 100 | 100 | A | | | | |
| 9 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 10 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 11 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 12 | | | | | | | c | c | c | c | c | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | | |
| 13 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 14 | | | | | | 120 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 110 | 105 | 110 | | | | |
| 15 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 16 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 17 | | | | | | E | 105 | 100 | 100 | c | c | c | c | c | 100 | 100 | 100 | 100 | 100 | E | | | | |
| 18 | | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | A | 100 | 100 | 100 | 100 | 100 | | | | |
| 19 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 20 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 21 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 22 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 23 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 24 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 25 | | | | | | | c | c | c | c | c | 100 | 100 | 100 | I 100 c | 100 | 100 | c | c | A | | | | |
| 26 | | | | | | A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | | | |
| 27 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 28 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 29 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | |
| 30 | | | | | | | c | c | c | c | c | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | R | | | | |
| 31 | | | | | | | 100 | 100 | 100 | 100 | 100 | 100 | I 100 c | 100 | I 100 c | 100 | 105 | 100 | 100 | E | | | | |
| Медиана | | | | | 100 | 120 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 110 | 105 | | | | |
| Учтено | | | | | 1 | 8 | 10 | 11 | 13 | 11 | 11 | 13 | 13 | 10 | 11 | 14 | 15 | 15 | 15 | 13 | 1 | | | |

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

h'Es КМ. Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Кочлаки

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Ломашвили

| 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 | c | 100 | 100 | 100 | 100 | G | c | c | 110 | 100 | 100 | 110 | 115 | c | 120 | 120 | 100 | 100 | 105 | 100 | B | B | B | B |
| 2 | c | 100 | 100 | 100 | 105 | 115 | 115 | 105 | 105 | 125 | 105 | 110 | 105 | 115 | 130 | 115 | 100 | 110 | 105 | 100 | B | B | B | 100 |
| 3 | c | c | c | c | c | c | c | 110 | 110 | c | c | c | c | c | c | G | G | G | 110 | 110 | c | c | 100 | 100 |
| 4 | 100 | 100 | 100 | 100 | 100 | 130 | 120 | 115 | 110 | 110 | 110 | 110 | G | 110 | 100 | 115 | 110 | 110 | 110 | 100 | 100 | 100 | 100 | 100 |
| 5 | c | 100 | 90 | 90 | 100 | 125 | G | G | 110 | 100 | 100 | c | c | c | c | 100 | 120 | 125 | 110 | 110 | 100 | 100 | 100 | 100 |
| 6 | c | 100 | 100 | 100 | 100 | 105 | 105 | 110 | 110 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | G | 110 | 105 | 100 | 100 | 100 | 100 | 100 |
| 7 | c | c | c | c | c | c | c | c | 110 | 100 | 100 | 100 | 100 | c | c | c | c | 120 | 120 | 100 | 100 | 100 | 100 | 100 |
| 8 | c | c | c | 105 | 100 | G | G | 125 | 105 | 100 | 100 | 100 | 100 | c | c | c | 100 | 110 | 100 | 100 | 100 | 100 | 100 | 100 |
| 9 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 10 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 11 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 12 | c | c | c | c | c | c | c | c | c | c | c | c | 100 | 100 | 100 | 100 | 100 | 100 | 100 | G | 100 | 100 | 100 | c |
| 13 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 14 | 100 | 100 | 100 | 100 | 100 | 130 | 120 | 115 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 100 | 100 | 120 | 110 | 105 | 100 | 100 | 100 | 100 |
| 15 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 16 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 17 | c | 100 | 100 | 100 | 100 | G | 105 | 110 | 100 | c | c | c | c | c | 110 | 115 | 110 | 120 | 100 | 100 | 100 | 100 | 100 | 100 |
| 18 | 100 | 100 | 100 | 100 | 100 | 120 | 110 | 110 | 105 | 100 | 105 | 110 | 100 | 100 | 100 | 100 | 115 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 19 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 20 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 22 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 23 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 24 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | 100 | 100 | 110 | c | 100 | 120 | c | c | 100 | 100 | 100 | 100 | B |
| 26 | 100 | 100 | 100 | 100 | 100 | 100 | 120 | 110 | 105 | 105 | 110 | 105 | 100 | 110 | 110 | 105 | 100 | 100 | 100 | 100 | 110 | 100 | 100 | 100 |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 28 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 29 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 30 | c | c | c | c | c | c | c | c | c | c | c | 100 | 100 | 100 | 100 | 100 | 100 | 115 | 110 | 100 | 100 | 100 | 100 | 100 |
| 31 | 100 | 100 | 100 | 100 | 100 | 100 | 105 | 100 | 100 | 105 | 110 | 105 | c | 100 | c | 105 | 110 | 110 | 110 | 100 | 100 | 100 | B | 100 |
| Медиана | 100 | 100 | 100 | 100 | 100 | 120 | 110 | 110 | 100 | 100 | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 110 | 105 | 100 | 100 | 100 | 100 | 100 |
| Учено | 5 | 10 | 10 | 11 | 11 | 8 | 8 | 10 | 13 | 11 | 11 | 13 | 11 | 10 | 10 | 13 | 13 | 14 | 15 | 15 | 13 | 13 | 13 | 13 |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая
(ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

hp F2 КМ. июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Кондаки

Долгота 44° 48' E широта 41° 43' N

поясное время 45° E

Кем подсчитана Лшавили

| 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 | C | R | 350 | 355 | R | R | C | C | 350 | A | A | A | A | C | 350 | R | R | A | 300 | A | 345 | 340 | R | 375 | |
| 2 | C | 370 | 360 | 355 | 350 | 330 | 280 | R | R | R | R | R | R | R | 330 | R | A | R | S | C | C | C | C | C | |
| 3 | C | C | C | C | C | C | C | 320 | A | C | C | C | C | C | C | 330 | 350 | 300 | R | R | C | C | R | 330 | |
| 4 | 340 | 340 | 330 | 330 | 350 | и 350R | и 280R | 325 | 350 | 340 | 350 | 345 | 380 | 320 | 320 | 315 | 320 | 310 | A | 330 | и 340R | A | и 320R | и 340R | |
| 5 | C | R | R | A | 350 | R | R | R | 300 | 370 | 400 | C | C | C | C | A | 310 | R | R | R | C | C | C | A | |
| 6 | C | A | 340 | 350 | 340 | R | 300 | R | R | 430 | C | 400G | A | A | 350G | A | 305 | 330 | 360 | R | R | C | R | C | |
| 7 | C | C | C | C | C | C | C | C | A | A | A | A | A | C | C | C | C | R | 300 | 300 | A | 350 | и 370R | 350 | |
| 8 | C | C | C | 340 | 310 | 300 | 255 | 300 | 325 | 335 | A | R | A | C | C | C | R | 330 | A | C | C | C | C | C | |
| 9 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 10 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 11 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 12 | C | C | C | C | C | C | C | C | C | C | C | C | 360 | 360 | R | R | 310 | 280 | 300 | 290 | 310 | A | 340 | R | C |
| 13 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 14 | и 310R | 340 | и 350F | 350 | 360 | 380 | 340 | и 325R | R | 375 | 380 | 350 | 370 | 350 | 340 | 330 | 310 | и 290R | 300 | 310 | 320 | и 350R | R | R | |
| 15 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 16 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 17 | C | 380 | 370 | 350 | 350 | 300 | C | и 270R | и 310R | C | C | C | C | C | 310 | 350 | и 350R | и 320R | R | C | R | A | A | A | |
| 18 | A | 370 | и 350R | и 370R | и 330R | и 330R | 260 | R | и 360R | 340 | 370 | 360 | 360 | 380 | 360 | 315 | 390 | 390 | A | A | A | A | A | и 300R | |
| 19 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 20 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 21 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 22 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 23 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 24 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 25 | C | C | C | C | C | C | C | C | C | C | C | 400 | 400 | 370 | C | 350 | 370 | C | C | A | 310 | R | R | R | |
| 26 | и 390R | 380 | 360 | 360 | 370 | 310 | 350 | A | R | и 380R | 365 | 355 | A | и 320R | 350 | и 300R | A | A | A | A | R | A | R | R | |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 28 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 29 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | |
| 30 | C | C | C | C | C | C | C | C | C | C | C | 340 | 340 | R | R | R | 350 | R | R | A | A | A | R | R | |
| 31 | 340 | и 400R | и 360R | 330 | F | 320 | 290 | A | 320 | 350 | 350 | 360 | C | 350 | 330 | 350 | 330 | 300 | и 300R | 320 | R | R | R | и 310R | |
| Медиана | 340 | 40 | 15 | 20 | 10 | 35 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 50 | 25 | 35 | 40 | 30 | 0 | 20 | - | - | - | 40 | |
| Учено | 4 | 7 | 9 | 10 | 11 | 8 | 8 | 5 | 7 | 8 | 6 | 9 | 6 | 6 | 9 | 9 | 11 | 9 | 6 | 5 | 4 | 4 | 2 | 6 | |
| | - | 380/340 | 360/345 | 355/335 | 350/340 | 340/305 | 320/270 | 325/285 | 350/310 | 380/340 | 380/350 | 380/350 | 380/360 | 370/320 | 350/325 | 350/315 | 350/310 | 330/30 | 300/300 | 325/305 | - | - | - | 350/310 | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая (ручная, автоматическая)

МЕЖДУНАРОДНЫЙ ГОД СПОКОЙНОГО СОЛНЦА

Типы E_s Июль 1967г.
(характеристика) (единицы) (месяц) (год)

Тбилисский Государственный Университет
(институт)

Станция Тбилиси

ИОНОСФЕРНЫЕ ДАННЫЕ

Кем составлена Ломашвили

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана _____

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------|----|----|----|----|----|----|
| 1 | c | f4 | f2 | f3 | f2 | | c | c | c1 | c2 | c2 | c1 | c1 | c | c1 | c1 | c1 | c2 | c1 | c2 | | | | |
| 2 | c | f2 | f2 | f2 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c2 | c1 | c1 | c2 | | | | f2 |
| 3 | c | c | c | c | c | c | c | c1 | c2 | c | c | c | c | c | c | c | | | c1 | c2 | c | c | f2 | f2 |
| 4 | f2 | f2 | f2 | f3 | f3 | c1 | c1 | c2 | c1 | c1 | c1 | c1 | | c1 | c2 | l1,c1 | c2 | c1 | c2 | l1 | f1 | f2 | f2 | f2 |
| 5 | c | f3 | f3 | f2 | f3 | c1 | | | c1 | c2 | c1 | c | c | c | c | c1 | c1 | c1 | c2 | c1 | f1 | f2 | f2 | f2 |
| 6 | c | f3 | f2 | f2 | f3 | l1 | c2 | c1 | c2 | c1 | c1 | c1 | c2 | c2 | c1 | c1 | | c1 | c2 | c2 | f3 | f2 | f2 | f2 |
| 7 | c | c | c | c | c | c | c | c | c1 | c2 | c1 | c2 | c2 | c | c | c | c | c2 | c1 | c2 | f3 | f2 | f3 | f1 |
| 8 | c | c | c | f4 | f4 | | | c2 | c3 | c1 | c1 | c1 | c2 | c | c | c | c1 | c2 | c2 | c2 | f2 | f2 | f2 | f3 |
| 9 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 10 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 11 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 12 | c | c | c | c | c | c | c | c | c | c | c | c1 | c1 | c1 | c2 | c2 | c1 | c1 | l1 | | f2 | f2 | f2 | c |
| 13 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 14 | f2 | f4 | f2 | f2 | l1 | c1 | c1 | c1 | c2 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | c1 | l1,c1 | c1 | c2 | f2 | f4 | f3 | f2 |
| 15 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 16 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 17 | c | f2 | f2 | f2 | f2 | | c1 | c1 | c2 | c | c | c | c | c | c1 | c1 | c1 | c1 | c1 | c1 | f1 | f2 | f2 | f3 |
| 18 | f5 | f4 | f3 | f4 | f4 | c1 | c2 | c2 | c2 | c1 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | c2 | c2 | f3 | f2 | f2 | f3 |
| 19 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 20 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 22 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 23 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 24 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | c1 | c2 | c1 | c | c2 | c1 | c | c | l3 | f2 | f2 | f2 | |
| 26 | f2 | f4 | f3 | f3 | f2 | l2 | c1 | c2 | c1 | c2 | c1 | c1 | c1 | c2 | c1 | c1 | c2 | c1 | c1 | c1 | c1 | f3 | f2 | f2 |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 28 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 29 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 30 | c | c | c | c | c | c | c | c | c | c | c | c1 | c1 | c1 | c1 | c1 | c1 | c2 | c2 | c2 | f3 | f2 | f2 | f1 |
| 31 | f3 | f2 | f3 | f1 | f2 | f2 | c1 | c1 | c1 | c1 | c1 | c1 | c | c1 | c | c1 | c1 | c1 | c1 | c2 | f2 | f1 | | f2 |
| Медiana | | | | | | | | | | | | | | | | | | | | | | | | |
| Учтено | | | | | | | | | | | | | | | | | | | | | | | | |

Пробег частоты от 1.0 Мгц до 10.0 Мгц 0.5 мин.

Станция автоматическая
(ручная, автоматическая)