

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

ЮФ2 ФЕВРАЛЬ 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

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 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 2 | 3.2 | 31 | 30 | 30 | F | 30 | 27 | 40 | 6.9 | 86 | c | c | c | c | c | 90 | 80 | 65 | 50 | 42 | c | c | c | c |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 4 | 44 | 42 | 35 | 33F | 39 | F | F | F | R | 89 | c | c | 93 | 93 | 80 | u83R | 79 | 66 | 64 | 52 | c | 3.4 | 37 | 37 |
| 5 | c | 40 | 40 | 40 | 38 | u38F | 37 | u53R | c | c | c | c | c | u85c | 86 | 85 | u86c | u82c | 70 | u67R | 26 | 44 | u41F | u43F |
| 6 | 40 | 36 | 37 | 37 | 36 | 31 | F | F | R | R | c | c | c | c | c | 90 | 78 | 64 | 57 | 50 | 40 | 37 | c | c |
| 7 | 36 | 38 | 39 | 37 | 33 | u29R | u26R | 42 | 80 | c | c | c | c | c | 88 | 86 | 83 | 72 | 59 | 51 | 31 | c | c | c |
| 8 | 34 | 38 | 38 | 38 | 35 | 30 | 28 | 48 | c | u90c | c | c | c | c | c | c | 90 | c | 53 | 54 | 35 | 3.3 | u34R | 34 |
| 9 | 36 | 37 | 37 | 36 | 35 | 32 | 28 | 50 | u77c | u81c | 90 | 102 | 103 | 112 | 98 | 106 | 104 | c | 55 | 44 | 33 | 2.9 | 31 | 3.2 |
| 10 | 33 | 35 | 35 | 31 | 34 | 30 | 2.2 | 47 | R | c | R | 94 | c | c | c | 80 | 90 | R | 53 | 52 | 36 | 2.6 | c | c |
| 11 | c | c | c | c | c | c | c | 46 | 70 | 80 | c | c | c | c | c | c | c | 73 | 55 | 40 | 33 | 2.4 | 2.7 | 30 |
| 12 | 33 | 33 | u32c | 33 | 33 | 33 | 30 | 49 | c | c | c | c | c | c | 80 | 79 | 75 | 72 | 59 | 46 | 43 | 40 | 3.6 | 3.8 |
| 13 | 37 | 38 | 37 | 40 | 40 | 40 | 36 | 51 | u72c | c | c | c | c | c | 80 | c | 82 | 70 | 61 | 52 | 46 | 3.8 | 3.9 | 40 |
| 14 | 40 | 40 | 43 | 45 | 47 | F | F | 52 | R | c | c | c | c | c | c | c | c | R | R | R | 48 | 34 | 40 | 3.9 |
| 15 | 41 | 39 | 39 | 40 | 42F | 43 | 43 | 63 | R | R | R | c | c | c | c | c | c | c | R | 53 | 41 | 45 | 4.7 | 4.9 |
| 16 | F | 50 | 41 | 40 | F | 39 | 40 | 60 | R | c | c | c | 96 | 99 | 88 | 90 | 90 | 81 | 70 | 51 | 40 | 34 | 3.5 | 3.5 |
| 17 | 37 | 37 | 38 | 37 | 35 | 36 | 30 | 52 | 70 | 72 | 78 | 89 | 95 | 90 | 94 | c | c | 73 | 60 | 46 | 36 | 3.2 | 3.1 | 3.3 |
| 18 | 33 | 35 | 38 | 36 | 37 | 37 | 27 | 50 | 68 | R | R | c | c | c | c | c | 82 | 73 | 59 | 49 | 40 | 3.5 | 3.7 | 3.7 |
| 19 | 34 | 36 | 38 | 35 | 38 | 40 | c | 47 | R | 81 | 83 | R | R | c | c | c | c | R | 67 | 61 | 43 | 3.7 | 3.8 | 3.4 |
| 20 | c | u33R | 34 | 35 | H | 38 | 31 | 56 | c | 80 | 90 | 103 | 100 | 100 | 91 | 90 | 95 | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | 90 | 91 | 91 | 97 | 98 | 92 | c | 83 | u66c | 56 | 54 | 38 | 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 | 85 | R | 51 | 44 | 3.2 | 3.4 | 3.5 |
| 24 | c | 37 | F | F | 38 | 45 | 45 | 60 | c | 90 | 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 | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 26 | 34 | 31 | 31 | 32 | 36 | 31 | 30 | 60 | 80 | c | 88 | 90 | 110 | 108 | 100 | 116 | 95 | 85 | 82 | 60 | 50 | 40 | 40 | c |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 94 | R | 63 | 64 | c | 54 | 56 |
| 28 | c | 48 | 48 | 47 | 44 | 42 | 30 | 49 | 63 | 88 | c | 95 | 98 | c | c | 94 | 97 | 90 | c | 63 | 60 | 4.9 | 4.5 | 40 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 07 | 05 | 04 | 07 | 05 | 09 | 08 | 09 | 10 | 09 | 07 | 12 | 08 | 12 | 18 | 09 | 15 | 13 | 11 | 10 | 11 | 08 | 12 | 06 |
| Учено | 15 | 20 | 19 | 19 | 17 | 18 | 16 | 19 | 9 | 10 | 6 | 7 | 8 | 8 | 11 | 13 | 15 | 16 | 17 | 21 | 20 | 19 | 17 | 16 |
| | 33/40 | 35/40 | 35/39 | 33/40 | 35/40 | 31/40 | 28/36 | 47/56 | 68/78 | 80/89 | 83/90 | 90/102 | 94/102 | 92/104 | 80/98 | 84/93 | 80/95 | 71/84 | 55/48 | 48/58 | 36/47 | 32/40 | 34/46 | 34/40 |

ТБИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

ЮФ1 ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота $44^{\circ}48'E$ широта $41^{\circ}43'N$

поясное время $45^{\circ}E$

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|----|----|----|------|------|------|----|------|----|----|----|----|----|----|----|----|----|
| 1 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 2 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 3 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 4 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 5 | | | | | | | | | | | U35L | U48L | L | L | L | | | | | | | | | |
| 6 | | | | | | | | | | | L | L | L | c | c | | | | | | | | | |
| 7 | | | | | | | | | | c | c | | L | L | L | | | | | | | | | |
| 8 | | | | | | | | | | | | L | L | | | | | | | | | | | |
| 9 | | | | | | | | | | L | 34 | L | U50L | L | U47L | L | | | | | | | | |
| 10 | | | | | | | | | | L | L | L | L | L | c | | | | | | | | | |
| 11 | | | | | | c | c | | | L | L | L | 39 | L | L | L | | | | | | | | |
| 12 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 13 | | | | | | | | | | L | c | c | c | 41 | L | | | | | 37 | | | | |
| 14 | | | | | | | | | | c | c | c | c | c | c | c | c | | | | | | | |
| 15 | | | | | | | | | | L | L | c | L | L | c | L | | | | | | | | |
| 16 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 17 | | | | | | | | | | L | L | L | L | | 46 | | L | | | | | | | |
| 18 | | | | | | | | | | | | L | L | L | L | L | | | | | | | | |
| 19 | | | | | | | c | | | L | | L | L | L | L | | L | | | | | | | |
| 20 | | | | | | | | | | | L | L | L | | L | | | | c | c | | | | |
| 21 | | | | | | | c | c | c | c | L | L | L | | L | L | | | | | | | | |
| 22 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | |
| 23 | | | | | | c | c | c | c | c | c | c | c | L | L | c | c | c | c | | | | | |
| 24 | | | | | | | | | | c | L | | | c | c | c | c | c | c | | | | | |
| 25 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 26 | | | | | | | | | | L | L | L | L | L | L | L | | | | | | | | |
| 27 | | | | | | c | c | c | c | c | c | c | c | c | c | L | | | | | | | | |
| 28 | | | | | | | | | L | L | L | L | c | c | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | | | | U34L | U48L | 44 | 41 | 46 | | | | | 37 | | | | |
| Учтено | | | | | | | | | | | 2 | 1 | 2 | 1 | 2 | | | | | 1 | | | | |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

50E МГЦ ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИЦВИЛИ

Долгота 44°48'E широта 41°43'N

поясное время 45°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | |
|---------|----|----|----|----|----|----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|
| 1 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 2 | | A | | | | | | 180 | 210H | 300H | 330 | A | 330 | A | A | 240 | 200 | | | | | | | | | | | | | | |
| 3 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 4 | | | | | | | | 200 | 240H | 280H | 300H | 330 | 330 | 320 | 310 | 290 | 250 | 200 | | | | | | | | | | | | | |
| 5 | | | | | | | | 160 | 230 | 280H | 310 | 340H | 330 | 330 | 310 | 280 | 250 | 180 | | | | | | | | | | | | | |
| 6 | | | | | | | | 170 | 260H | A | 300H | 320H | 350H | c | c | 300 | 260 | 200 | | | | | | | | | | | | | |
| 7 | | | | | | | | 140 | 220 | c | c | 340 | 340 | 340 | 320 | 300 | 260 | 190H | | | | | | | | | | | | | |
| 8 | | | | | | | | 170 | 220 | U260R | | 330 | 340 | 330 | 320 | 290 | 240 | 170 | | | | | | | | | | | | | |
| 9 | | | | | | | | 160 | 230H | 280 | 310 | 320 | 350 | U330A | 320 | A | U250A | 190 | A | | | | | | | | | | | | |
| 10 | | | | | | | | 250 | 330H | 390 | | 260 | A | A | c | A | 250H | 200 | | | | | | | | | | | | | |
| 11 | | | | | | c | c | 180 | A | 270H | 300H | 330 | 330 | 340 | A | A | 250H | 190 | | | | | | | | | | | | | |
| 12 | | | | | | | | 150 | A | 270 | U310R | U330R | U350R | 340 | A | 290 | 240H | 210 | | | | | | | | | | | | | |
| 13 | | | | | | | | 180B | 250 | 310 | c | c | c | 340 | 340H | 300 | 260 | 190 | | | | | | | | | | | | | |
| 14 | | | | | | | | 170 | 240 | c | c | c | c | c | c | c | c | 220 | | | | | | | | | | | | | |
| 15 | | | | | | | | 180 | A | A | 310 | c | 330 | A | c | A | A | A | | | | | | | | | | | | | |
| 16 | | | | | | | | 150 | 210H | 280 | 310 | 330H | 340H | 340 | A | A | A | A | A | | | | | | | | | | | | |
| 17 | | | | | | | | 170 | 260 | 280 | 310 | 350 | U330C | 350 | 320 | 280 | U240A | A | | | | | | | | | | | | | |
| 18 | | | | | | | | 120H | 240H | 300H | 300H | 320H | 340H | 340 | A | 310 | A | | | | | | | | | | | | | | |
| 19 | | | | | | | c | 190 | 250 | 280 | 310H | 320 | 340H | 330 | 330H | 300 | 260 | A | | | | | | | | | | | | | |
| 20 | | | | | | | | A | A | 280 | 300 | 320 | 340 | 340 | 315 | 300 | 280 | c | c | | | | | | | | | | | | |
| 21 | | | | | | | c | c | c | c | 330H | A | 330 | A | U320A | 300 | A | A | | | | | | | | | | | | | |
| 22 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 23 | | | | | | c | c | c | c | c | c | c | c | 350 | 340H | c | c | 200 | 150 | | | | | | | | | | | | |
| 24 | | | | | | | | 200 | c | 280 | 320 | 330H | 330H | c | c | c | c | c | c | | | | | | | | | | | | |
| 25 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | | | | |
| 26 | | | | | | | | 200 | 270 | 300 | 230 | 350 | 300 | 300H | A | A | A | 180 | 130 | | | | | | | | | | | | |
| 27 | | | | | | c | c | c | c | c | c | c | c | c | c | 310 | 280 | 220 | 170 | | | | | | | | | | | | |
| 28 | | | | | | | | 190 | U250R | A | A | 340 | 340H | c | c | 300 | U280R | 230 | 160 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | 30 | 30 | 20 | 10 | 20 | 10 | 10 | 15 | 10 | 15 | 20 | 25 | | | | | | | | | | | | |
| Учтено | | | | | | | | 175 | 240 | 280 | 310 | 330 | 340 | 340H | 320 | 300 | 250H | 200 | 155 | | | | | | | | | | | | |
| | | | | | | | | 20 | 16 | 16 | 16 | 17 | 19 | 15 | 11 | 15 | 16 | 15 | 4 | | | | | | | | | | | | |
| | | | | | | | | 160 | 190 | 225 | 255 | 280 | 300H | 300H | 310 | 320 | 340 | 330 | 340 | 330 | 340 | 315 | 330H | 290 | 300 | 245 | 260 | 190H | 210 | 140 | 165 |

ТБИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

foEs ФЕВРАЛЬ 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота 44°48'E широта 41°43'N

поясное время 45°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|--------------|------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|------------|--------------|
| 1 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 2 | 31 | 26 | 25 | E20B | 27 | E16B | E15B | E18G | E21G | E30G | E31G | E33G | 37 | E33G | 37 | 37 | E24G | E20G | E17B | E17B | C | C | C | C |
| 3 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 4 | E15B | E16B | E19B | E16B | E18B | E16B | E16B | E20G | E24G | E28G | 32 | 35 | E33G | E32G | E31G | E29G | E25G | 23 | E17B | E17B | C | E16B | E16B | E20B |
| 5 | C | E16B | E16B | E17B | E16B | E19B | E17B | E16G | E23G | E28G | E31G | E34G | E33G | E34G | E31G | E28G | E25G | E18G | E17B | E17B | E17B | E18B | E17B | E20B |
| 6 | E40B | E36B | E37B | E37B | E36B | E31B | E16B | E17G | E26G | 32 | E30G | E32G | E35G | C | C | E30G | E26G | E20G | E17B | E17B | E17B | E18B | C | C |
| 7 | E20B | E20B | E17B | E17B | E18B | E16B | E18B | E14G | E22G | C | C | E34G | E34G | 30 | E32G | 31 | E26G | E19G | E16B | E20B | E19B | C | C | C |
| 8 | 28 | 32 | 30 | 23 | E13B | E14B | E18B | E17G | E22G | E26G | 37 | E33G | E34G | E33G | E32G | 29 | E24G | 30 | E17B | E14B | E19B | E20B | 25 | E20B |
| 9 | E17B | E16B | E17B | E18B | E19B | E15B | E16B | E16G | E23G | E28G | E31G | E32G | E35G | 42 | 32 | 32 | 25 | 20 | 15 | 15 | E16B | E15B | 24 | 21 |
| 10 | E13B | E19B | E15B | E15B | E12B | E10B | E15B | E15G | E23G | E29G | 33 | E16G | 37 | 40 | 0 | 37 | E25G | E20G | E14B | E14B | E14B | E17B | C | C |
| 11 | C | C | C | C | C | C | C | E18G | 29 | E27G | E30G | 38 | 36 | E34G | 40 | 36 | 30 | E19G | E16B | E17B | E16B | E17B | E15B | E17B |
| 12 | E33B | E15B | E14B | E14B | E12B | E13B | E15B | E15G | 26 | E27G | E31G | E33G | E35G | E34G | 31 | E29G | E24G | E23G | E14B | E14B | E14B | E19B | E19B | E15B |
| 13 | E15B | E15B | E20B | E15B | E16B | E17B | E17B | E18G | E25G | E31G | C | C | C | E34G | E34G | 31 | 27 | 20 | E16B | E16B | E16B | E16B | 32 | E17B |
| 14 | E15B | E11B | E14B | E12B | E11B | E14B | E13B | E17G | E24G | C | C | C | C | C | C | C | C | E22G | E17B | E17B | E17B | E18B | 46 | E20B |
| 15 | E17B | E17B | E16B | E16B | E17B | E17B | E18B | E18G | 31 | 29 | E31G | C | E31G | 34 | C | 33 | 27 | 21 | E16B | E16B | E16B | E18B | E17B | E18B |
| 16 | E15B | E15B | E17B | E19B | E10B | E10B | E13B | E15G | E21G | E28G | E31G | E33G | E34G | E34G | 40 | 42 | 40 | 32 | 15 | E15B | 30 | E15B | E17B | E18B |
| 17 | E18B | E18B | E17B | E16B | E16B | E15B | E15B | E17G | 22 | 28 | 31 | E35G | 30 | E35G | E32G | E33G | 27 | 20 | E16B | E16B | E16B | E16B | E16B | E16B |
| 18 | E15B | E11B | E13B | E15B | E10B | E14B | E15B | E12G | E24G | E30G | E30G | E32G | E34G | E34G | 36 | E31G | 30 | 28 | 28 | E14B | 41 | E18B | 38 | 37 |
| 19 | E18B | E19B | E19B | E20B | E16B | E17B | C | E19G | E25G | E28G | E31G | E32G | E34G | E33G | E33G | E30G | 32 | 39 | 27 | 25 | 30 | 31 | E20B | E20B |
| 20 | C | E12B | E15B | E12B | E16B | E13B | E15B | 33 | 25 | 25 | E30G | E32G | E34G | E34G | 29 | E30G | E28G | C | C | C | C | C | C | C |
| 21 | C | C | C | C | C | C | C | C | C | C | E33G | 38 | 33 | 38 | E30G | 30 | 20 | 60 | 35 | C | C | E16B | E17B | 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 | E35G | E34G | C | C | E20G | E15G | E17B | E15B | E15B | E15B | E15B |
| 24 | C | E18B | E19B | E18B | E14B | E16B | E17B | E20G | C | E28G | E32G | 33 | 33 | C | C | C | C | C | C | C | C | C | C | C |
| 25 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 26 | E16B | E16B | E16B | E18B | E12B | E17B | E16B | E20G | E27G | E30G | E23G | E35G | E30G | E30G | 23 | 30 | 33 | E18G | E13G | E15B | E14B | E15B | E15B | C |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | E31G | E28G | E22G | E17G | E17B | E18B | C | E19B | E18B |
| 28 | C | E16B | E17B | E16B | E18B | E15B | E15B | E19G | 21 | 30 | 29 | E34G | E34G | C | C | E19G | E28G | E30G | E16G | E17B | E18B | E16B | E16B | E19B |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | U09 | U04 | U04 | U03 | U06 | U03 | U02 | E03 | | | | F03 | F02 | F03 | F02 | F02 | F03 | F03 | U03 | U02 | U03 | U02 | U03 | U03 |
| Учено | E17B | E16B | E17B | E16B | E16B | E16B | E16B | E17G | E24G | E29G | E31G | E33G | E35G | E34G | E34G | 29 | E28G | E26G | E18B | E17B | E17B | E17B | E17B | E18B |
| | 16 | 20 | 20 | 20 | 20 | 20 | 19 | 21 | 20 | 19 | 19 | 19 | 20 | 19 | 17 | 21 | 21 | 22 | 22 | 21 | 19 | 19 | 18 | 16 |
| | E15B E24G | E15B E19B | E16B E20B | E15B E18B | E12B E18B | E14B E17B | E15B E17B | E16G E19G | E23G 22 | E28G 25 | E30G 29 | E32G E35G | E34G 32 | E33G 30 | E32G 34 | E30G 32 | E25G 28 | E20G 23 | E14B E17B | E15B E17B | E16B E19B | E16B E18B | E16B 24 | E17B E20B |

ТБИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

JBES ФЕВРАЛЬ 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИ.1 ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота 44°48' E широта 41°43' N

поясное время 45° E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 24 | 19 | 20 | F20B | 19 | F16B | F15B | F18G | F21G | F30G | F31G | F33G | 34 | F33G | 31 | 30 | F24G | F20G | F17B | F17B | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | F15B | F16B | F19B | F16B | F18B | F16B | F16B | F20G | F24G | F28G | 31 | 27 | F33G | F32G | F31G | F29G | F25G | 17 | F17B | F17B | C | F16B | F16B | F20B | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | C | F16B | F16B | F17B | F16B | F19B | F17B | F16G | F23G | F28G | F31G | F34G | F33G | F34G | F31G | F28G | F25G | F18G | F17B | F17B | F17B | F18B | F17B | F20B | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | F40B | F36B | F37B | F37B | F36B | F31B | F16B | F17G | F20G | 29 | F30G | F32G | F35G | C | C | F30G | F26G | F20G | F17B | F17B | F17B | F18B | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | F20B | F20B | F17B | F17B | F18B | F16B | F18B | F14G | F22G | C | C | F34G | F34G | 30 | F32G | 31 | F26G | F19G | F16B | F20B | F19B | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 20 | 29 | 21 | 20 | F13B | F14B | F18B | F17G | F22G | F26G | 30 | F33G | F34G | F33G | F32G | 29 | F24G | 17 | F17B | F14B | F19B | F20B | 22 | F20B | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | F17B | F16B | F17B | F18B | F19B | F15B | F16B | F16G | F23G | F28G | F31G | F32G | F35G | 34 | F32G | 32 | F25G | 19 | 15 | 15 | F16B | F15B | 15 | 14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | F13B | F19B | F15B | F15B | F12B | F10B | F15B | F15G | F23G | F29G | 33 | F16G | 35 | 36 | C | 23 | F25G | F20G | F14B | F14B | F14B | F17B | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | C | C | C | C | C | C | C | F18G | 25 | F27G | F30G | 35 | 35 | F34G | 31 | 30 | 22 | F19G | F16B | F17B | F16B | F17B | F15B | F17B | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | F33B | F15B | F14B | F14B | F12B | F13B | F15B | F15G | 26 | F27G | F31G | F33G | F35G | F34G | 31 | F23G | F24G | F23G | F14B | F14B | F14B | F19B | F19B | F15B | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | F15B | F15B | F20B | F15B | F16B | F17B | F17B | F18G | F25G | F31G | C | C | C | F34G | F34G | 31 | 27 | 20 | F16B | F16B | F16B | F16B | 20 | F17B | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | F15B | F11B | F14B | F12B | F11B | F14B | F13B | F17G | F24G | C | C | C | C | C | C | C | C | F22G | F17B | F17B | F17B | F18B | 31 | F20B | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | F17B | F17B | F16B | F16B | F17B | F17B | F18B | F18G | 26 | 29 | F31G | C | F31G | 34 | C | 30 | 27 | 21 | F16B | F16B | F16B | F17B | F17B | F17B | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | F15B | F15B | F17B | F19B | F10B | F10B | F13B | F15G | F21G | F28G | F31G | F33G | F34G | F34G | 32 | 32 | 28 | 23 | 15 | F15B | 18 | F15B | F17B | F18B | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | F18B | F18B | F17B | F16B | F16B | F15B | F15B | F17G | 22 | 26 | 26 | F30G | 29 | F35G | F32G | F33G | 27 | 20 | F16B | F16B | F16B | F16B | F16B | F16B | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | F15B | F11B | F13B | F15B | F10B | F14B | F15B | F12G | F24G | F30G | F30G | F32G | F34G | F34G | 36 | F31G | 30 | 23 | 23 | F14B | 34 | F18B | 29 | 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | F18B | F19B | F19B | F20B | F16B | F17B | C | F19G | F25G | F28G | F31G | F32G | F34G | F33G | F33G | F30G | 30 | 26 | 20 | 19 | 23 | 24 | F20B | F20B | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | C | F12B | F15B | F12B | F16B | F13B | F15B | 15 | 22 | 25 | F30G | F32G | F34G | F34G | 29 | F30G | F28G | C | C | C | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | C | C | C | C | C | C | C | C | C | C | F33G | 38 | 33 | 38 | 33 | F30G | 30 | 20 | 17 | 18 | F16B | F17B | 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 | F35G | F34G | C | C | F20G | F15G | F17B | F15B | F15B | F15B | F15B | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | C | F18B | F19B | F18B | F14B | F16B | F17B | F20G | C | F28G | F32G | 33 | 33 | C | C | C | C | C | C | C | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | F16B | F16B | F16B | F18B | F12B | F17B | F16B | F20G | F27G | F30G | F23G | F35G | F30G | F30G | 28 | 25 | 20 | F18G | F13G | F15B | F14B | F15B | F15B | C | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | F31G | F28G | F22G | F17G | F18B | F18B | C | F19B | F18B | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | C | F16B | F17B | F16B | F18B | F15B | F15B | F19G | 21 | 30 | 29 | F34G | F34G | C | C | F19G | F28G | F30G | F16G | F17B | F18B | F16B | F16B | F19B | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медiana | U05 | U04 | U03 | U03 | U06 | U03 | U02 | U03 | — | — | — | E02 | — | — | — | — | E02 | — | U03 | U02 | U02 | U02 | U04 | U04 | | | | | | | | | | | | | | | | | | | | | | | | |
| Учено | 16 | 20 | 20 | 20 | 20 | 20 | 19 | 21 | 20 | 19 | 19 | 19 | 20 | 19 | 17 | 21 | 21 | 22 | 22 | 22 | 20 | 19 | 17 | 16 | | | | | | | | | | | | | | | | | | | | | | | | |
| | F15B | F20B | F15B | F19B | F16B | F19B | F15B | F18B | F12G | F18B | F14B | F17B | F15B | F17B | F16G | F19G | E23G | 22 | F28G | 25 | F30G | 26 | F32G | F35G | F34G | 31 | F33G | 30 | F32G | 31 | F30G | 30 | F25G | 27 | F20G | 20 | F14B | F17B | F15B | F17B | F16B | F18B | F16B | F16B | F16B | F20B | F16B | F20B |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

f-min МГц ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТРУ НИЛ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота 44°48'E широта 41°43'N

поясное время 45°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|
| 1 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 17c | 17c | c | c | c | c | c |
| 2 | 16 | 16 | 17 | 20 | 12 | 16 | 15 | 18 | 17 | 18 | 20 | 18 | 20 | 20 | 18 | 19 | 16 | 20 | 17 | 17 | c | c | c | c |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 4 | 15 | 16 | 19 | 16 | 18 | 16 | 16 | 20 | 17 | 15 | 15 | 19 | 19 | 16 | 15 | 15 | 16 | 13 | 17 | 17 | c | 16 | 16 | 20 |
| 5 | c | 16 | 16 | 17 | 16 | 19 | 17 | 16 | 16 | 17 | 18 | 18 | 17 | 13 | 17 | 17 | 16 | 17 | 17 | 17 | 17 | 18 | 17 | 20 |
| 6 | 17 | 16 | 14 | 15 | 16 | 16 | 16 | 17 | 18 | 17 | 19 | 20 | 18 | c | c | 18 | 18 | 20 | 17 | 17 | 17 | 18 | c | c |
| 7 | 20 | 20 | 17 | 17 | 18 | 16 | 18 | 14 | 17 | c | c | 16 | 23 | 20 | 20 | 19 | 18 | 16 | 16 | 20 | 19 | c | c | c |
| 8 | 14 | 10 | 18 | 18 | 13 | 14 | 18 | 17 | 14 | 19 | 18 | 15 | 18 | 19 | 19 | 15 | 15 | 14 | 17 | 14 | 19 | 20 | 18 | 20 |
| 9 | 17 | 16 | 17 | 18 | 19 | 15 | 16 | 16 | 16 | 15 | 16 | 18 | 20 | 19 | 18 | 20 | 17 | 15 | 13 | 15 | 16 | 15 | 13 | 14 |
| 10 | 13 | 19 | 15 | 15 | 12 | 10 | 15 | 15 | 12 | 11 | 20 | 15 | 17 | 17 | c | 14 | 13 | 15 | 14 | 14 | 14 | 17 | c | c |
| 11 | c | c | c | c | c | c | c | 18 | 16 | 15 | 19 | 19 | 19 | 17 | 17 | 16 | 16 | 19 | 16 | 17 | 16 | 17 | 15 | 17 |
| 12 | 17 | 15 | 14c | 14 | 12 | 13 | 15 | 15 | 20 | 16 | 17 | 19 | 26 | 21 | 18 | 19 | 15 | 15 | 14 | 14 | 14 | 19 | 19 | 15 |
| 13 | 15 | 17 | 20 | 17 | 17 | 17 | 17 | 18 | 17 | 20 | c | c | c | 20 | 19 | 18 | 17 | 17 | 16 | 16 | 16 | 16 | 13 | 17 |
| 14 | 15 | 11 | 14 | 12 | 11 | 14 | 13 | 17 | 16 | c | c | c | c | c | c | c | c | 18 | 17 | 17 | 17 | 18 | 14 | 20 |
| 15 | 17 | 17 | 16 | 16 | 17 | 17 | 18 | 18 | 17 | 19 | 20 | c | 20 | 19 | c | 18 | 18 | 18 | 16 | 16 | 16 | 18 | 17 | 18 |
| 16 | 15 | 15 | 17 | 19 | 10 | 10 | 13 | 15 | 18 | 15 | 15 | 20 | 18 | 20 | 19 | 18 | 17 | 17 | 12 | 15 | 17 | 15 | 17 | 18 |
| 17 | 18 | 18 | 17 | 16 | 16 | 15 | 15 | 15 | 15 | 17 | 17 | 25 | 23 | 24 | 24 | 17 | 16 | 15 | 16 | 16 | 16 | 16 | 16 | 16 |
| 18 | 15 | 11 | 13 | 15 | 10 | 14 | 15 | 11 | 18 | 15 | 16 | 19 | 18 | 17 | 19 | 19 | 16 | 12 | 13 | 14 | 16 | 18 | 16 | 13 |
| 19 | 18 | 19 | 19 | 20 | 16 | 17 | c | 19 | 16 | 16 | 17 | 18 | 20 | 16 | 19 | 18 | 16 | 16 | 15 | 15 | 16 | 18 | 20 | 20 |
| 20 | c | 12 | 15 | 12 | 16 | 13 | 15 | 12 | 18 | 18 | 19 | 17 | 20 | 20 | 19 | 19 | 19 | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | 22 | 23 | 23 | 22 | 22 | 22 | 16 | 16 | 16 | 17 | 16 | 17 | 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 | 20 | 18 | c | c | 15 | 15 | 17 | 15 | 15 | 15 | 15 |
| 24 | c | 18 | 19 | 18 | 14 | 16 | 17 | 20 | c | 15 | 19 | 18 | 19 | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 26 | 16 | 16 | 16 | 18 | 12 | 17 | 16 | 20 | 27 | 19 | 23 | 20 | 27 | 18 | 16 | 15 | 15 | 14 | 13 | 15 | 14 | 15 | 15 | c |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 19 | 18 | 17 | 17 | 18 | 18 | c | 19 | 18 |
| 28 | c | 16 | 17 | 16 | 18 | 15 | 15 | 15 | 19 | 20 | 19 | 23 | 21 | c | c | 17 | 20 | 14 | 16 | 17 | 18 | 16 | 16 | 19 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 16 | 16 | 17 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 19 | 19 | 20 | 19 | 19 | 18 | 16 | 15 | 16 | 16 | 16 | 17 | 16 | 18 |
| Учено | 16 | 20 | 20 | 20 | 20 | 20 | 19 | 21 | 20 | 19 | 19 | 19 | 20 | 19 | 17 | 21 | 21 | 22 | 22 | 22 | 20 | 19 | 17 | 16 |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

(M-3000) F2 ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана ТИВИЦВИЛИ

| 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 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 2 | 280 | 305 | 285 | 265 | F | 265 | 295 | 325 | 335 | 335 | c | c | c | c | c | 335 | 340 | 355 | 340 | 345 | c | c | c | c |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 4 | 350 | 335 | 330 | 290F | 280 | F | F | F | R | 330 | c | c | 330 | 335 | 335 | R | 330 | 320 | 340 | 335 | c | 325 | 310 | 300 |
| 5 | c | 315 | 305 | 315 | 295 | 290F | 300 | 330R | c | c | c | c | c | c | 330 | 310 | 340 | 320 | 315 | R | 300 | 310 | 285F | F |
| 6 | 290 | 265 | 285 | 270 | 280 | 275 | F | F | R | R | c | c | c | c | c | 335 | 345 | 340 | 335 | 340 | 325 | 270 | c | c |
| 7 | 275 | 280 | 305 | 305 | 320 | R | R | 315 | 370 | c | c | c | c | c | 340 | 340 | 345 | 345 | 340 | 345 | 355 | c | c | c |
| 8 | 310 | 280 | 290 | 300 | 315 | 310 | 280 | 305 | c | c | c | c | c | c | c | c | 320 | c | 340 | 350 | 315 | 280 | R | 280 |
| 9 | 270 | 270 | 285 | 290 | 290 | 290 | 295 | 320 | c | c | 360 | 270 | 320 | 285 | 310 | 320 | 300 | c | 365 | 340 | 305 | 275 | 260 | 270 |
| 10 | 270 | 270 | 285 | 275 | 310 | 335 | 295 | 310 | R | c | R | 330 | c | c | c | 335 | 310 | R | 340 | 340 | 380 | 310 | c | c |
| 11 | c | c | c | c | c | c | c | 335 | 345 | 330 | c | c | c | c | c | c | c | 385 | 340 | 350 | 340 | 310 | 275 | 285 |
| 12 | 290 | 290 | c | 300 | 300 | 300 | 330 | 340 | c | c | c | c | c | c | 325 | 330 | 330 | 350 | 320 | 315 | 330 | 325 | 280 | 305 |
| 13 | 280 | 280 | 285 | 290 | 315 | 315 | 350 | 330 | c | c | c | c | c | c | c | c | 315 | 295 | 335 | 320 | 330 | 310 | 310 | 270 |
| 14 | 290 | 290 | 280 | 290 | 310 | F | F | 365 | R | c | c | c | c | c | c | c | c | R | R | R | 355 | 295 | 325 | 295 |
| 15 | 295 | 300 | 300 | 290 | 310F | 280 | 305 | 345 | R | R | R | c | c | c | c | c | c | c | R | 295 | 270 | 275 | 285 | 295 |
| 16 | F | 330 | 305 | 290 | F | 295 | 325 | 350 | R | c | c | c | 335 | 335 | 340 | 320 | 335 | 345 | 345 | 335 | 340 | 280 | 270 | 240 |
| 17 | 270 | 300 | 280 | 285 | 290 | 305 | 350 | 365 | 350 | 330 | 340 | 345 | 305 | 340 | 345 | c | c | 340 | 340 | 330 | 320 | 330 | 310 | 275 |
| 18 | 290 | 270 | 290 | 280 | 285 | 315 | 350 | 340 | 350 | R | R | c | c | c | c | c | 340 | 355 | 340 | 330 | 340 | 300 | 310 | 310 |
| 19 | 295 | 275 | 310 | 280 | 285 | 335 | c | 340 | R | 350 | 320 | R | R | c | c | c | c | R | 345 | 330 | 330 | 300 | R | 280 |
| 20 | c | R | 280 | 265 | H | 310 | 305 | 350 | c | 340 | 330 | 320 | 315 | 315 | 330 | 310 | 340 | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | 355 | 340 | 330 | 330 | 330 | 340 | c | 300 | c | 285 | 340 | 305 | 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 | 330 | R | 345 | 330 | 300 | 295 | 320 |
| 24 | c | 280 | F | F | 290 | 280 | 310 | 350 | c | 370 | 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 | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 26 | 250 | 260 | 260 | 235 | 295 | 260 | 335 | 315 | 335 | c | 305 | 310 | 290 | 260 | 300 | 275 | 315 | 330 | 340 | 310 | 300 | 275 | 300 | c |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 330 | R | 300 | 305 | c | 265 | 270 |
| 28 | c | 270 | 275 | 250 | 280 | 290 | 280 | 340 | 320 | 320 | c | 320 | 310 | c | c | 320 | 330 | 360 | c | 330 | 300 | 250 | 260 | 270 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 25 | 30 | 25 | 20 | 25 | 30 | 40 | 30 | 15 | 15 | 35 | 30 | 20 | 50 | 15 | 20 | 25 | 25 | — | 20 | 35 | 35 | 40 | 30 |
| Учтено | 15 | 19 | 18 | 19 | 17 | 17 | 15 | 19 | 7 | 8 | 6 | 7 | 8 | 7 | 10 | 12 | 15 | 16 | 16 | 20 | 20 | 19 | 15 | 15 |
| | 270 | 270 | 280 | 270 | 285 | 280 | 295 | 320 | 335 | 330 | 320 | 310 | 310 | 285 | 325 | 315 | 315 | 325 | 340 | 320 | 305 | 275 | 270 | 270 |
| | 295 | 300 | 305 | 290 | 310 | 310 | 335 | 350 | 350 | 345 | 355 | 340 | 330 | 335 | 340 | 335 | 340 | 350 | 340 | 340 | 340 | 310 | 310 | 300 |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

(M-3000)E1 ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота 44°48'E широта 41°43'N

поясное время 45°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 1 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 2 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 3 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 4 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 5 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 6 | | | | | | | | | | | L | L | L | c | c | | | | | | | | | |
| 7 | | | | | | | | | | c | c | | L | L | L | | | | | | | | | |
| 8 | | | | | | | | | | | | L | L | | | | | | | | | | | |
| 9 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 10 | | | | | | | | | | | L | L | L | L | L | c | | | | | | | | |
| 11 | | | | | | c | c | | | | L | L | L | 415 | L | L | L | | | | | | | |
| 12 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 13 | | | | | | | | | | | L | c | c | c | | L | | | | | | | | |
| 14 | | | | | | | | | | | c | c | c | c | c | c | c | | | | | | | |
| 15 | | | | | | | | | | | L | L | c | L | L | c | L | | | | | | | |
| 16 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 17 | | | | | | | | | | | L | L | L | L | | | L | | | | | | | |
| 18 | | | | | | | | | | | | L | L | L | L | L | | | | | | | | |
| 19 | | | | | | | | c | | | L | L | L | L | L | L | L | | | | | | | |
| 20 | | | | | | | | | | | L | L | L | L | L | | | | c | c | | | | |
| 21 | | | | | | c | c | c | c | c | L | L | L | | L | L | | | | | | | | |
| 22 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | |
| 23 | | | | | | c | c | c | c | c | c | c | c | L | L | c | c | c | c | | | | | |
| 24 | | | | | | | | | | | L | | | c | c | c | c | c | c | c | | | | |
| 25 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | |
| 26 | | | | | | | | | | | L | L | L | L | L | L | | | | | | | | |
| 27 | | | | | | c | c | c | c | c | c | c | c | c | c | L | | | | | | | | |
| 28 | | | | | | | | | | | L | L | L | c | c | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | | | | | | 415 | | | | | | | | | | | |
| Учтено | | | | | | | | | | | | | | | | | | | | | | | | |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

КФ КМ ФЕВРАЛЬ 1978г.
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Кем подсчитана ТИВИШВИЛИ

| 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 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 2 | 310 | 250 | 275 | 330 | 340 | 280 | 250 | 220 | 215 | 210 | 220 | 210 | 200 | 200 | 210 | 220 | 215 | 200 | 200 | 210 | c | c | c | c |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 4 | 245 | 230 | 205 | 280 | 300 | 280 | 270 | 225 | 200 | 205 | 220 | 210 | 200 | 185 | 215 | 225 | 215 | 210 | 210 | 205 | c | 235 | 245 | 275 |
| 5 | c | 265 | 245 | 250 | 250 | 275 | 260 | 240 | 200 | 215 | 180 | 220 | 200 | 205 | 195 | 225 | 225 | 215 | 215 | 200 | 225 | 230 | 260 | 320 |
| 6 | 300 | 300 | 280 | 275 | 260 | 275 | 260 | 220 | 210 | 230 | 230 | 190 | 200 | c | c | 220 | 210 | 200 | 220 | 220 | 225 | 280 | c | c |
| 7 | 360 | 320 | 260 | 250 | 250 | 280 | 310 | 250 | 220 | c | c | 210 | 200 | 205 | 205 | 215 | 215 | 205 | 200 | 205 | 215 | c | c | c |
| 8 | 340 | 340 | 275 | 250 | 275 | 240 | 270 | 250 | 225 | 220 | 210 | 220 | 220 | 200 | 200 | 225 | 210 | 200 | 230 | 210 | 210 | 300 | 300 | 350 |
| 9 | 305 | 300 | 275 | 280 | 260 | 230 | 260 | 220 | 220 | 215 | 180 | 170 | 220 | 215 | 215 | 225 | 225 | 205 | 195 | 200 | 250 | 290 | 300 | 320 |
| 10 | 300 | 300 | 260 | 250 | 250 | 225 | 285 | 235 | 210 | 215 | 215 | 220 | 200 | 210 | c | 215 | 225 | 205 | 200 | 215 | 200 | 265 | c | c |
| 11 | c | c | c | c | c | c | c | 210 | 220 | 200 | 220 | 225 | 200 | 220 | 200 | 225 | 215 | 200 | 195 | 210 | 235 | 230 | 300 | 305 |
| 12 | 275 | 265 | 270 | 275 | 250 | 250 | 230 | 220 | 205 | 210 | 210 | 210 | 180 | 190 | 205 | 200 | 220 | 205 | 200 | 215 | 225 | 240 | 275 | 310 |
| 13 | 300 | 285 | 315 | 270 | 250 | 240 | 200 | 215 | 225 | 220 | c | c | c | 200 | 210 | 230 | 230 | 200 | 205 | 210 | 210 | 225 | 265 | 285 |
| 14 | 280 | 275 | 260 | 250 | 240 | 225 | 215 | 215 | 210 | c | c | c | c | c | c | c | c | 220 | 210 | 210 | 200 | 250 | 290 | 240 |
| 15 | 250 | 250 | 260 | 280 | 300 | 310 | 275 | 215 | 200 | 210 | 200 | c | 205 | 235 | c | 225 | 220 | 200 | 190 | 250 | 250 | 300 | 290 | 260 |
| 16 | 225 | 220 | 235 | 265 | 260 | 255 | 230 | 215 | 205 | 210 | 210 | 210 | 230 | 225 | 220 | 210 | 225 | 200 | 200 | 235 | 235 | 275 | 310 | 340 |
| 17 | 320 | 275 | 285 | 275 | 270 | 245 | 205 | 200 | 205 | 195 | 180 | 230 | 265 | 225 | 210 | 215 | 215 | 200 | 200 | 210 | 210 | 230 | 265 | 280 |
| 18 | 300 | 290 | 265 | 265 | 250 | 250 | 200 | 200 | 210 | 220 | 225 | 210 | 220 | 220 | 200 | 210 | 215 | 205 | 205 | 220 | 270 | 255 | 285 | 275 |
| 19 | 260 | 300 | 255 | 300 | 290 | 235 | c | 220 | 210 | 205 | 205 | 190 | 235 | 200 | 240 | 215 | 220 | 220 | 195 | 205 | 230 | 270 | 260 | 295 |
| 20 | c | 300 | 310 | 300 | 290 | 290 | 220 | 210 | c | 220 | 205 | 200 | 230 | 200 | 200 | 225 | 230 | c | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | 220 | 215 | 200 | 215 | 210 | 215 | 220 | 210 | 210 | 205 | 210 | 220 | 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 | 210 | 200 | c | c | 205 | 210 | 200 | 215 | 240 | 270 | 275 |
| 24 | c | 300 | 300 | 290 | 275 | 240 | 230 | 215 | c | 215 | 200 | 275 | c | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 26 | 275 | 325 | 350 | 350 | 250 | 330 | 215 | 225 | 225 | 215 | 215 | 205 | 200 | 220 | 220 | 220 | 230 | 220 | 225 | 210 | 225 | 250 | 280 | c |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 205 | 220 | 230 | 200 | 250 | 255 | c | 305 | 300 |
| 28 | c | 260 | 300 | 310 | 300 | 280 | 290 | 240 | 225 | 215 | 225 | 210 | 190 | c | c | 225 | 225 | 215 | 210 | 210 | 280 | 240 | 310 | 350 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 40 | 40 | 30 | 35 | 40 | 40 | 55 | 15 | 15 | 10 | 20 | 15 | 20 | 20 | 15 | 10 | 10 | 15 | 10 | 10 | 30 | 45 | 35 | 45 |
| Учтено | 16 | 20 | 20 | 20 | 20 | 20 | 19 | 21 | 19 | 19 | 19 | 19 | 19 | 19 | 17 | 21 | 21 | 22 | 22 | 22 | 20 | 19 | 17 | 16 |
| | 270 | 260 | 260 | 260 | 250 | 240 | 215 | 215 | 205 | 210 | 200 | 205 | 200 | 200 | 200 | 215 | 215 | 200 | 200 | 205 | 210 | 230 | 265 | 275 |
| | 310 | 300 | 290 | 295 | 290 | 280 | 270 | 230 | 220 | 210 | 220 | 200 | 220 | 200 | 215 | 225 | 225 | 215 | 215 | 210 | 240 | 275 | 300 | 320 |

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

1¹F2 КМ ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

Долгота 44°48'E широта 41°43'N

поясное время 45°E

Ком подсчитана ТИВИШВИЛИ

| 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 | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 2 | | | | | | | | | | | 240 | 235 | 235 | 250 | 240 | 225 | | | | | | | | |
| 3 | | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 4 | | | | | | | | | | | 235 | 235 | 230 | 245 | 225 | 240 | | | | | | | | |
| 5 | | | | | | | | | | | 230 | 235 | 230 | 225 | 225 | | | | | | | | | |
| 6 | | | | | | | | | | | 230 | 240 | 225 | c | c | | | | | | | | | |
| 7 | | | | | | | | | | c | c | | 240 | 235 | 220 | 225 | | | | | | | | |
| 8 | | | | | | | | | | | | 225 | 225 | 230 | 240 | | | | | | | | | |
| 9 | | | | | | | | | | | 215 | 220 | 200 | 255 | 240 | 250 | 250 | | | | | | | |
| 10 | | | | | | | | | | | 260 | 220 | 235 | 235 | 240 | c | | | | | | | | |
| 11 | | | | | | c | c | | | | 210 | 240 | 250 | 250 | 235 | 230 | 230 | | | | | | | |
| 12 | | | | | | | | | | | | 240 | 220 | 240 | 250 | 225 | 240 | | | | | | | |
| 13 | | | | | | | | | | | 235 | c | c | c | 230 | 305 | | | 220 | | | | | |
| 14 | | | | | | | | | | | c | c | c | c | c | c | c | | | | | | | |
| 15 | | | | | | | | | | | 230 | 215 | c | 230 | 245 | c | 250 | | | | | | | |
| 16 | | | | | | | | | | | 210 | 220 | 265 | 255 | 235 | 250 | | | | | | | | |
| 17 | | | | | | | | | | | 205 | 240 | 250 | 265 | 250 | | 230 | | | | | | | |
| 18 | | | | | | | | | 210 | | | 240 | 250 | 240 | 240 | 230 | | | | | | | | |
| 19 | | | | | | | c | | | | 210 | | 250 | 240 | 225 | 245 | | 230 | | | | | | |
| 20 | | | | | | | | | | | 240 | 240 | 240 | 230 | 230 | 230 | 240 | c | c | | | | | |
| 21 | | | | | | | c | c | c | c | 235 | 245 | 245 | | 245 | 230 | | | | | | | | |
| 22 | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 23 | | | | | | | c | c | c | c | c | c | c | 240 | 240 | c | c | | | | | | | |
| 24 | | | | | | | | | | | 225 | 290 | c | c | c | c | c | c | c | | | | | |
| 25 | | | | | | | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | |
| 26 | | | | | | | | | | | 225 | 225 | 250 | 270 | 240 | 270 | 245 | | | | | | | |
| 27 | | | | | | c | c | c | c | c | c | c | c | c | c | 225 | | | | | | | | |
| 28 | | | | | | | | | 260 | 270 | 230 | 220 | 240 | c | c | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | | 235 | 225 | 230 | 240 | 240 | 240 | 240 | 230 | 230 | 220 | | | | | | |
| Учтено | | | | | | | | | 2 | 9 | 16 | 18 | 19 | 17 | 17 | 13 | 3 | 1 | | | | | | |
| | | | | | | | | | | 210 | 220 | 225 | 230 | 230 | 230 | 230 | 230 | 230 | | | | | | |
| | | | | | | | | | | 250 | 240 | 250 | 250 | 245 | 230 | 250 | 230 | 235 | | | | | | |

ТБИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

№ Е ФЕВРАЛЬ 1978

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

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

Долгота $44^{\circ}48'E$ широта $41^{\circ}43'N$

поясное время $45^{\circ}E$

Кем подсчитана ТИВИШВИЛИ

| 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 | с | с | с | с | с | с | с | с | с | с | с | | | | | |
| 2 | | 90 | | | | | | В | 100H | 100H | 100 | 100 | 100 | 100 | 100 | | 100 | В | | | | | | |
| 3 | | | | | | с | с | с | с | с | с | с | с | с | с | с | с | с | с | | | | | |
| 4 | | | | | | | | В | 115 | 100 | 100 | 105 | 100 | 95 | 95 | 95 | 100 | E190A | | | | | | |
| 5 | | | | | | | | В | 110 | 100H | 100 | 100H | 100 | 100 | 95 | 100 | 105 | E125B | | | | | | |
| 6 | | | | | | | | В | 110H | 100 | 100H | 100H | 100H | с | с | 100 | 100 | В | | | | | | |
| 7 | | | | | | | | В | 115 | с | с | 100 | 100 | 105 | 100 | 100 | 100 | 100H | | | | | | |
| 8 | | | | | | | | В | 105 | 100 | | 100 | 100 | 100 | 100 | 100 | 100 | А | А | | | | | |
| 9 | | | | | | | | В | 105H | 100 | 95 | 100 | 100 | 100 | 100 | 100 | А | А | А | | | | | |
| 10 | | | | | | | | | 100H | 100 | | 100 | 100 | 100 | с | 90 | 90H | 150 | | | | | | |
| 11 | | | | | | с | с | В | 110 | 100H | 100H | 100 | 100 | 100H | 100 | 100 | E130A | В | | | | | | |
| 12 | | | | | | | | | 120 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100H | 120 | | | | | | |
| 13 | | | | | | | | В | 100 | 105 | с | с | с | 100 | 100H | 95 | 100 | 115 | | | | | | |
| 14 | | | | | | | | В | 105 | с | с | с | с | с | с | с | с | 110 | | | | | | |
| 15 | | | | | | | | В | А | А | 100 | с | 100 | 100 | с | 100 | 100 | А | | | | | | |
| 16 | | | | | | | | В | 110H | 100 | 100 | 100H | 100H | 100 | 100 | 100 | 100 | 100 | | | | | | |
| 17 | | | | | | | | E135B | 100 | 95 | 95 | 100 | E115A | 100 | 100 | 100 | 105 | 105 | | | | | | |
| 18 | | | | | | | | 140H | 100H | 100H | 100H | 100H | 100H | 100 | 110 | 100 | 100 | 105 | | | | | | |
| 19 | | | | | | | с | | 100 | 100 | 100H | 100 | 100H | 95 | 100H | 100 | 100 | 100 | | | | | | |
| 20 | | | | | | | | 100 | 100 | 110 | 100 | 100 | 100 | 100 | 115 | 100 | 100 | с | с | | | | | |
| 21 | | | | | | | с | с | с | с | 100H | 100 | 100 | 95 | 100 | 100 | 100 | В | | | | | | |
| 22 | | | | | | с | с | с | с | с | с | с | с | с | с | с | с | с | с | | | | | |
| 23 | | | | | | с | с | с | с | с | с | с | с | 100 | 100H | с | с | с | | | | | | |
| 24 | | | | | | | | | с | 100 | 100 | 180 | 100 | с | с | с | с | с | с | | | | | |
| 25 | | | | | | с | с | с | с | с | с | с | с | с | с | с | с | с | с | | | | | |
| 26 | | | | | | | | В | В | 100 | В | В | 125 | 110H | 100 | 100 | 100 | 100 | В | | | | | |
| 27 | | | | | | с | с | с | с | с | с | с | с | с | с | 100 | 100 | 100 | В | | | | | |
| 28 | | | | | | | | | А | А | А | 100 | 100H | с | с | 100 | 100 | 90 | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | E135B | 105 | 100H | 100 | 100 | 100 | 100 | 100H | 100 | 100 | 105 | | | | | | |
| Учтено | | | | | | | | 3 | 17 | 17 | 15 | 18 | 20 | 19 | 17 | 20 | 20 | 14 | | | | | | |

ТБИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Н'Е3 ФЕВРАЛЬ 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота 44°48'E широта 41°43'N

поясное время 45°E

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 1 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 2 | 90 | 90 | 90 | B | 90 | B | B | G | G | G | G | G | 100 | G | 100 | 100 | G | G | B | B | C | C | C | C |
| 3 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 4 | B | B | B | B | B | B | B | G | G | G | 100 | 100 | G | G | G | G | G | 90 | B | B | C | B | B | B |
| 5 | C | B | B | B | B | B | B | G | G | G | G | G | G | G | G | G | G | G | B | B | B | B | B | B |
| 6 | B | B | B | B | B | B | B | G | G | 100 | G | G | G | C | C | G | G | G | B | B | B | B | C | C |
| 7 | B | B | B | B | B | B | B | G | G | C | C | G | G | 100 | G | 120 | G | G | B | B | B | C | C | C |
| 8 | 90 | 100 | 90 | 90 | B | B | B | C | G | G | 100 | G | G | G | G | 100 | G | 110 | B | B | B | B | 100 | B |
| 9 | B | B | B | B | B | B | B | G | G | G | G | G | G | 100 | 110 | 100 | 100 | 100 | 100 | 100 | B | B | 95 | 90 |
| 10 | B | B | B | B | B | B | B | G | G | G | 100 | G | 100 | 100 | C | 90 | G | G | B | B | B | B | C | C |
| 11 | C | C | C | C | C | C | C | G | 135 | G | G | 160 | 150 | G | 100 | 100 | 100 | G | B | B | B | B | B | B |
| 12 | B | B | B | B | B | B | B | G | 140 | G | G | G | G | G | 120 | G | G | B | B | B | B | B | B | B |
| 13 | B | B | B | B | B | B | B | G | G | G | C | C | C | G | G | 150 | 145 | 135 | B | B | B | B | 100 | B |
| 14 | B | B | B | B | B | B | B | G | G | C | C | C | C | C | C | C | C | G | B | B | B | B | 100 | B |
| 15 | B | B | B | B | B | B | B | G | 100 | 100 | G | C | G | 100 | G | 100 | 120 | 100 | B | B | B | B | B | B |
| 16 | B | B | B | B | B | B | B | G | G | G | G | G | G | G | 105 | 105 | 110 | 105 | 100 | B | 100 | B | B | B |
| 17 | B | B | B | B | B | B | B | G | 100 | 100 | 95 | G | 95 | G | G | G | 115 | 105 | B | B | B | B | B | B |
| 18 | B | B | B | B | B | B | B | G | G | G | G | G | G | G | 100 | G | 120 | 100 | 105 | B | 100 | B | 90 | 90 |
| 19 | B | B | B | B | B | B | C | G | G | G | G | G | G | G | G | G | 115 | 100 | 100 | 100 | 100 | 100 | B | B |
| 20 | C | B | B | B | B | B | B | 100 | 100 | 100 | G | G | G | G | 100 | G | G | C | C | C | C | C | C | C |
| 21 | C | C | C | C | C | C | C | C | C | C | G | 165 | G | 105 | 115 | G | 105 | 95 | 95 | 100 | B | B | 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 | B | B | B | B | B | B | G | C | G | G | 100 | 100 | C | C | C | C | C | C | C | C | C | C | C |
| 25 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C |
| 26 | B | B | B | B | B | B | B | G | G | G | G | G | G | G | 115 | 120 | 105 | G | G | B | B | B | B | C |
| 27 | C | C | C | C | C | C | C | C | C | C | C | C | C | C | C | G | G | G | G | B | B | C | B | B |
| 28 | C | B | B | B | B | B | B | G | 100 | 100 | 90 | G | G | C | C | G | G | G | G | B | B | B | B | B |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 90 | 95 | 90 | 90 | 90 | — | — | 100 | 100 | 100 | 100 | 130 | 100 | 100 | 105 | 100 | 110 | 100 | 100 | 100 | 100 | 100 | 100 | 90 |
| Учтено | 2 | 2 | 2 | 1 | 1 | — | — | 1 | 6 | 5 | 5 | 4 | 5 | 5 | 9 | 10 | 10 | 10 | 5 | 3 | 3 | 1 | 4 | 2 |

Пробег частоты от 0,1

Мгц до 10,0

Мгц 0,5 мин.

Станция автоматическая

ТБИЛИССКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

№ F2 КМ ФЕВРАЛЬ, 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИИ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота $44^{\circ}48'E$ широта $41^{\circ}43'N$

поясное время $45^{\circ}E$

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | |
| 2 | 325 | 290 | 325 | 375 | F | 340 | 300 | 280 | 270 | 250 | c | c | c | c | c | 270 | 250 | 250 | 275 | 250 | c | c | c | c | |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | |
| 4 | 285 | 280 | 265 | 360 | 370 | F | F | F | R | 270 | c | c | 270 | 270 | 270 | 265 | 275 | 280 | 270 | 280 | c | 290 | 305 | 350 | |
| 5 | c | 325 | 320 | 315 | 325 | 325 | 330 | 280 | c | c | c | c | c | 260 | 290 | 295 | 290 | 280 | 290 | 260 | 305 | 320 | 350 | 375 | |
| 6 | 370 | 375 | 375 | 370 | 350 | 330 | F | F | R | R | R | c | c | c | c | 280 | 255 | 250 | 280 | 270 | 280 | 375 | c | c | |
| 7 | 420 | 375 | 325 | 305 | 300 | R | 355 | 300 | 260 | c | c | c | c | c | 265 | 265 | 260 | 250 | 260 | 255 | 255 | c | c | c | |
| 8 | 350 | 350 | 300 | 275 | 280 | 275 | 300 | 300 | c | 250 | c | c | c | c | c | c | 290 | c | 280 | 240 | 250 | 350 | R | 400 | |
| 9 | 370 | 385 | 340 | 330 | 310 | 325 | 315 | 285 | 235 | c | 250 | 360 | 315 | 340 | 290 | 300 | 275 | c | 250 | 265 | 295 | 385 | 410 | 400 | |
| 10 | 380 | 375 | 340 | 325 | 290 | 260 | 325 | 290 | R | c | R | 280 | c | c | c | 275 | 290 | R | 250 | 260 | 225 | 300 | c | c | |
| 11 | c | c | c | c | c | c | c | 250 | 245 | 265 | c | c | c | c | c | c | c | 215 | 260 | 250 | 265 | 280 | 360 | 350 | |
| 12 | 330 | 325 | c | 330 | 320 | 315 | 275 | 250 | c | c | c | c | c | c | 265 | 280 | 270 | 240 | 240 | 300 | 280 | 280 | 350 | 400 | |
| 13 | 375 | 370 | 375 | 320 | 305 | 280 | 240 | 245 | 250 | c | c | c | c | c | 315 | c | 250 | 275 | 260 | 275 | 255 | 280 | 315 | 355 | |
| 14 | 350 | 350 | 325 | 315 | 300 | F | F | 250 | R | c | c | c | c | c | c | c | c | R | R | R | 250 | 320 | 300 | 310 | |
| 15 | 335 | 315 | 330 | 360 | 340 | F | 375 | 340 | 250 | R | R | R | c | c | c | c | c | c | R | 325 | 390 | 395 | 360 | 340 | |
| 16 | F | 290 | 300 | 335 | F | 340 | 285 | 250 | R | c | c | c | 285 | 280 | 260 | 290 | 275 | 260 | 255 | 265 | 270 | 350 | 380 | 400 | |
| 17 | 385 | 340 | 360 | 355 | 340 | 315 | 250 | 230 | 230 | 275 | 250 | 250 | 300 | 275 | 265 | c | c | 255 | 250 | 270 | 275 | 285 | 320 | 360 | |
| 18 | 360 | 365 | 350 | 350 | 315 | 310 | 225 | 250 | 240 | R | R | c | c | c | c | c | 250 | 260 | 260 | 300 | 270 | 325 | 300 | 320 | |
| 19 | 335 | 370 | 320 | 355 | 355 | 280 | c | 245 | R | 235 | 290 | R | R | c | c | c | c | R | 255 | 290 | 275 | 305 | R | 310 | |
| 20 | c | 350 | 380 | 380 | H | 300 | 300 | 290 | c | 250 | 300 | 280 | 275 | 300 | 275 | 310 | 300 | c | c | c | c | c | c | c | |
| 21 | c | c | c | c | c | c | c | c | c | c | 255 | 270 | 280 | 305 | 305 | 280 | c | 260 | 255 | 280 | 255 | 290 | 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 | 275 | R | 260 | 260 | 300 | 335 | 340 |
| 24 | c | 370 | F | F | 350 | 325 | 280 | 240 | c | 280 | 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 | c | c | c | c | c | c | c | c | c | c | c | c | c | |
| 26 | 350 | 370 | 410 | 410 | 330 | 400 | 250 | 300 | 275 | c | 305 | 290 | 340 | 320 | 325 | 340 | 285 | 280 | 270 | 300 | 300 | 330 | 350 | c | |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | 275 | R | 335 | 340 | c | 420 | 400 | |
| 28 | c | 400 | 400 | 410 | 375 | 300 | 280 | 275 | 300 | 300 | c | 260 | 280 | c | c | 290 | 270 | 290 | c | 265 | 330 | 275 | 400 | 440 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | 350 | 360 | 340 | 350 | 330 | 325 | 290 | 250 | 250 | 265 | 270 | 280 | 280 | 290 | 275 | 280 | 275 | 260 | 260 | 270 | 270 | 305 | 350 | 360 | |
| Учено | 15 | 20 | 18 | 19 | 17 | 17 | 16 | 19 | 9 | 9 | 6 | 7 | 8 | 8 | 11 | 13 | 15 | 16 | 17 | 21 | 20 | 19 | 15 | 16 | |

ТБИЛИСКИЙ ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

ТИП Es ФЕВРАЛЬ 1978
(характеристика) (единицы) (месяц) (год)

ИОНОСФЕРНЫЕ ДАННЫЕ

ТГУ НИЛ ионосферы

Станция Тбилиси

Кем подсчитана ТИВИШВИЛИ

Долгота $44^{\circ}48'E$ широта $41^{\circ}43'N$

поясное время $45^{\circ}E$

| Дни | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------|----|----|----|----|----|----|----|----|----|----|------|----|----|----|------|-------|------|----|----|----|----|----|----|----|
| 1 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 2 | f3 | c2 | f1 | | f2 | | | | | | c | c | cl | | c2 | el | | | | | c | c | c | c |
| 3 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 4 | | | | | | | | | | | h1cl | el | | | | | | el | | | c | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | cl | | | | c | c | | | | | | | | c | c |
| 7 | | | | | | | | | | c | c | | | el | | cl | | | | | | c | c | c |
| 8 | f1 | f1 | f1 | f1 | | | | | | | el | | | | | el | | cl | | | | | f1 | |
| 9 | | | | | | | | | | | | | | cl | cl | cl | el | el | el | f1 | | | f1 | f1 |
| 10 | | | | | | | | | | | el | | cl | cl | c | el2cl | | | | | | | c | c |
| 11 | c | c | c | c | c | c | c | | cl | | | h1 | h1 | | clh1 | cl | elh1 | | | | | | | |
| 12 | | | | | | | | | cl | | | | | | cl | | | | | | | | | |
| 13 | | | | | | | | | | | c | c | c | | | h1 | h1 | cl | | | | | | |
| 14 | | | | | | | | | | c | c | c | c | c | c | c | c | | | | | | f2 | |
| 15 | | | | | | | | | el | el | | | | cl | c | cl | cl | el | | | | | | |
| 16 | | | | | | | | | | | | | | | h1 | h1 | cl | cl | el | | f1 | | | |
| 17 | | | | | | | | | cl | cl | el | | el | | | cl | cl | cl | cl | | | | | |
| 18 | | | | | | | | | | | | | | | cl | | h1 | cl | f1 | | f2 | | f2 | f1 |
| 19 | | | | | | | c | | | | | | | | | | cl | cl | f2 | f1 | f2 | f2 | | |
| 20 | | | | | | | | el | el | el | | | | | el | | | | c | c | c | c | c | c |
| 21 | c | c | c | c | c | c | c | c | c | c | | | | cl | cl | | cl | cl | c2 | | | | | |
| 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 | | | | | | | | | | | | el | | c | c | c | c | c | c | c | c | c | c | c |
| 25 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c |
| 26 | | | | | | | | | | | | | | | | cl | cl | cl | | | | | | c |
| 27 | c | c | c | c | c | c | c | c | c | c | c | c | c | c | c | | | | | | | | | |
| 28 | c | | | | | | | | cl | el | el | | | c | c | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| Медиана | | | | | | | | | | | | | | | | | | | | | | | | |
| Учтено | | | | | | | | | | | | | | | | | | | | | | | | |