

Absorption Data

Method: A 1

Year: 1965

Month: I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 122°12'

| Date | L (dB) | | L(cos χ =1) | | L(cos χ =0.2) | | exponent n | | τ (min.) | Notes |
|--------|----------------------|-------|---------------------------|----|---------------------------|----|----------------------|------|------------------|-------|
| | noon meas. /calc. | | a. m. /p. m. mean (dB) | | a. m. /p. m. mean (dB) | | a. m. /p. m. mean | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | /20 | | 38 | | II | | 0.76 | | |
| 13 | | 18/19 | | 48 | | 7 | | 0.12 | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | 17 | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | 18 | | | | | | | | |
| 20 | | 20 | | | | | | | | |
| 21 | | 22 | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | 17 | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | | 6/2 | | 2 | | 2 | | 2 | | |
| Median | | 18/19 | | 43 | | 9 | | 0.44 | | |

Absorption Data

Method: A 1

Year: 1965

Month: I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 4

Geomagnetic latitude: 36°30'

longitude: 122°12'

| Date | L (dB) | | L(cos χ = 1) | | L(cos χ = 0,2) | | exponent n | | τ (min.) | Notes |
|--------|----------------------|---|-------------------|----------------|---------------------|----------------|---------------|----------------|------------------|-------|
| | noon meas. /calc. | | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | 5 | | | | | | | | |
| 20 | | 4 | | | | | | | | |
| 21 | | 4 | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | 6 | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | | 4 | | | | | | | | |
| Median | | 5 | | | | | | | | |

Absorption Data

Method: A 1

Year: **1965**Month: **II**

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz **2.2**

Geomagnetic latitude: 36°30'

longitude: 123°12'

| Date | L (dB) noon meas. /calc. | L(cos χ =1) | | L(cos χ =0.2) | | exponent n | | τ (min.) | Notes |
|--------|--------------------------------|------------------|----------------|--------------------|----------------|---------------|----------------|------------------|-----------|
| | | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | | | | | | | | | |
| 2 | 27 | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | 28 | | | | | | | | |
| 6 | 17 | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | 32 | | | | | | | | |
| 9 | 14 | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | 28 | | | | | | | | |
| 12 | 24 | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | 28 | | | | | | | | |
| 16 | 44/31 | 74 | 31 | 7 | 15 26 | 1.47 | 0.69 | 0.12 | 60 |
| 17 | 32/32 | 42 | | 19 | | 0.5 | | | |
| 18 | 26/27 | 39 | | 12 | | 0.71 | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | 30 | | | | | | | | |
| 22 | 31 | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | 33 | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | 27 | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| Count | 15/3 | 3 | | 3 | | 3 | | | |
| Median | 28/31 | 42 | | 15 | | 0.69 | | | |

Absorption Data

Method: A 1

Year 1965

Month: II

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 4

Geomagnetic latitude: 36°30

longitude: 199°12'

| Date | L (dB) noon meas. /calc. | L(cosχ=1) a. m. /p. m. mean (dB) | L(cosχ=0,2) a. m. /p. m. mean (dB) | exponent n a. m. /p. m. mean | τ (min.) | Notes |
|--------|--------------------------------|--|--|------------------------------------|-------------|-------|
| 1 | | | | | | |
| 2 | 22 | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | 17 | | | | | |
| 6 | 10 | | | | | |
| 7 | | | | | | |
| 8 | 15 | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | 11 | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | 15 | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | 18 | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 7 | | | | | |
| Median | 15 | | | | | |

Absorption Data

Method: A 1

Year: 1965

Month: III

Station (circuit): Tbilissi

Geographic latitude: 41°41'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 123°12'

| Date | L (dB) | | L(cos χ =1) | | L(cos χ =0.2) | | exponent n | | τ (min.) | Notes |
|--------|----------------------|--|---------------------------|--|---------------------------|--|----------------------|--|------------------|-------|
| | noon meas. /calc. | | a. m. /p. m. mean (dB) | | a. m. /p. m. mean (dB) | | a. m. /p. m. mean | | | |
| 1 | | | | | | | | | | |
| 2 | 26 | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | 22 | | | | | | | | | |
| 6 | 20 | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | 15 | | | | | | | | | |
| 11 | 19 | | | | | | | | | |
| 12 | 29 | | | | | | | | | |
| 13 | 25 | | | | | | | | | |
| 14 | 33 | | | | | | | | | |
| 15 | 38 | | | | | | | | | |
| 16 | 26/26 | | 33 | | II | | 0.7 | | | |
| 17 | 32/32 | | 48 | | 7 | | 1.19 | | | |
| 18 | 36/36 | | 49 | | 10 | | 0.95 | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 29 | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | 36 | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | 39 | | | | | | | | | |
| 29 | 34 | | | | | | | | | |
| 30 | 39 | | | | | | | | | |
| 31 | 16 | | | | | | | | | |
| Count | 18/3 | | 3 | | 3 | | 3 | | | |
| Median | 29/32 | | 48 | | 10 | | 0.95 | | | |

Absorption Data

Method: A 1

Year: 1965

Month: 04

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 86°30'

longitude: 122°12'

| Date | L (dB) noon meas. /calc. | L(cos χ =1) a. m. /p. m. mean (dB) | L(cos χ =0,2) a. m. /p. m. mean (dB) | exponent n a. m. /p. m. mean | τ (min.) | Notes |
|--------|--------------------------------|---|---|------------------------------------|------------------|-------|
| 1 | 8 | | | | | |
| 2 | | | | | | |
| 3 | 4 | | | | | |
| 4 | II | | | | | |
| 5 | 12 | | | | | |
| 6 | 10 | | | | | |
| 7 | 8 | | | | | |
| 8 | 15 | | | | | |
| 9 | | | | | | |
| 10 | 17 | | | | | |
| 11 | | | | | | |
| 12 | 5 | | | | | |
| 13 | 12 | | | | | |
| 14 | 8 | | | | | |
| 15 | 11 | | | | | |
| 16 | 12 | | | | | |
| 17 | 8 | | | | | |
| 18 | 10 | | | | | |
| 19 | 5 | | | | | |
| 20 | 18/34 | 36 | 5 | 1,2 | | |
| 21 | 22/37 | 45 | 4 | 1,52 | | |
| 22 | 25/29 | 30 | 20 | 0,24 | | |
| 23 | 32 | | | | | |
| 24 | 24 | | | | | |
| 25 | | | | | | |
| 26 | 25 | | | | | |
| 27 | 20 | | | | | |
| 28 | | | | | | |
| 29 | 25 | | | | | |
| 30 | 24 | | | | | |
| 31 | | | | | | |
| Count | 25/3 | 3 | 3 | 3 | | |
| Median | 12/34 | 36 | 5 | 1,2 | | |

Absorption Data

Method: A 1

Year: 1965

Month: 05

Station (circuit): Thilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 86°30'

longitude: 122°12'

| Date | L (dB) | | L(cos χ =1) | | L(cos χ =0.2) | | exponent n | | τ (min.) | Notes |
|--------|---------------|--------|------------------|----------------|--------------------|----------------|---------------|----------------|------------------|-------|
| | noon meas. | /calc. | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | | | | | | | | | | |
| 2 | 39 | | | | | | | | | |
| 3 | 32 | | | | | | | | | |
| 4 | 34 | | | | | | | | | |
| 5 | 39 | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | 35 | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | 38 | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | 36 | | | | | | | | | |
| 15 | 38 | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | 41 | | | | | | | | | |
| 18 | 44/41 | | 45 | | 8 | | 1, II | | | |
| 19 | /34 | | 36 | | 8 | | 0, 97 | | | |
| 20 | 35/41 | | 44 | | 10 | | 1, 25 | | | |
| 21 | 47 | | | | | | | | | |
| 22 | 38 | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | 38 | | | | | | | | | |
| 26 | 42 | | | | | | | | | |
| 27 | 39 | | | | | | | | | |
| 28 | 34 | | | | | | | | | |
| 29 | 28 | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | 32 | | | | | | | | | |
| Count | 19/3 | | 3 | | 3 | | 3 | | | |
| Median | 38/41 | | 44 | | 8 | | 1, II | | | |

Absorption Data

Method: A 1

Year: 1965

Month: 08

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 36°30'

longitude: 123°12'

| Date | L (dB) | | L(cos χ =1) | | L(cos χ =0,2) | | exponent n | | τ (min.) | Notes |
|--------|----------------------|--|------------------|----------------|--------------------|----------------|---------------|----------------|------------------|-------|
| | noon meas. /calc. | | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | 42 | | | | | | | | | |
| 6 | 33 | | | | | | | | | |
| 7 | 40 | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | 32 | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | 38 | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | 34 | | | | | | | | | |
| 15 | 36 | | | | | | | | | |
| 16 | 43 | | | | | | | | | |
| 17 | 41/37 | | 38 | | 12 | | 0,7 | | | |
| 18 | 41/37 | | 40 | | 16 | | 0,57 | | | |
| 19 | 30/33 | | 35 | | 17 | | 0,45 | | | |
| 20 | | | | | | | | | | |
| 21 | 25 | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 35 | | | | | | | | | |
| 24 | 41 | | | | | | | | | |
| 25 | 43 | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 47 | | | | | | | | | |
| 28 | 37 | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | 38 | | | | | | | | | |
| 31 | 27 | | | | | | | | | |
| Count | 19/3 | | 3 | | 3 | | 3 | | | |
| Median | 38/37 | | 36 | | 16 | | 0,57 | | | |

Absorption Data

Method: A 1

Year: 1965

Month: 09

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 22

Geomagnetic latitude: 36°30'

longitude: 123°12'

| Date | L (dB) | | L(cos χ = 1) | | L(cos χ = 0,2) | | exponent n | | τ (min.) | Notes |
|--------|---------------|--------|-------------------|----------------|---------------------|----------------|---------------|----------------|------------------|-------|
| | noon meas. | /calc. | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | 30 | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | 29 | | | | | | | | | |
| 6 | 32 | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | 37 | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | 32 | | | | | | | | | |
| 13 | 24 | | | | | | | | | |
| 14 | /36 | | 45 | | 10 | | 0,92 | | | |
| 15 | 32/33 | | 40 | | 10 | | 0,89 | | | |
| 16 | 25/25 | | 29 | | 12 | | 0,55 | | | |
| 17 | | | | | | | | | | |
| 18 | 29 | | | | | | | | | |
| 19 | 34 | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 27 | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | 27 | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 31 | | | | | | | | | |
| 28 | 33 | | | | | | | | | |
| 29 | 31 | | | | | | | | | |
| 30 | 34 | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | 16/3 | | 3 | | 3 | | 3 | | | |
| Median | 31/33 | | 40 | | 40 | | 0,89 | | | |

Absorption Data

Method: A 1

Year: 1965

Month: XI

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 36°30'

longitude: 123°12'

| Date | L (dB) noon meas. /calc. | L(cos χ =1) a. m. /p. m. mean (dB) | L(cos χ =0.2) a. m. /p. m. mean (dB) | exponent n a. m. /p. m. mean | τ (min.) | Notes |
|--------|--------------------------------|---|---|------------------------------------|------------------|-------|
| | 1 | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | 23 | | | | | |
| 13 | 23 | | | | | |
| 14 | | | | | | |
| 15 | 27 | | | | | |
| 16 | 15/23 | 40 | II | 0,8 | | |
| 17 | 18/21 | 34 | I2 | 0,67 | | |
| 18 | 27/30 | 79 | IO | 1,3 | | |
| 19 | | | | | | |
| 20 | 23 | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | 24 | | | | | |
| 25 | 25 | | | | | |
| 26 | 29 | | | | | |
| 27 | | | | | | |
| 28 | 32 | | | | | |
| 29 | 27 | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 12/3 | 3 | 3 | 3 | | |
| Median | 25/23 | 40 | II | 0,8 | | |

Absorption Data

Method: A 1

Year: 1965

Month: XII

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 122°12'

| Date | L (dB) | | L(cos χ =1) | | L(cos χ =0.2) | | exponent n | | τ (min.) | Notes |
|--------|---------------|--------|------------------|----------------|--------------------|----------------|---------------|----------------|------------------|-------|
| | noon meas. | /calc. | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | 17 | | | | | | | | | |
| 2 | 19 | | | | | | | | | |
| 3 | 16 | | | | | | | | | |
| 4 | 14 | | | | | | | | | |
| 5 | 20 | | | | | | | | | |
| 6 | 22 | | | | | | | | | |
| 7 | 23 | | | | | | | | | |
| 8 | 24 | | | | | | | | | |
| 9 | 22 | | | | | | | | | |
| 10 | 25 | | | | | | | | | |
| 11 | 20 | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | 24/27 | | 36 | | 21 | | 0.34 | | | |
| 15 | 21/20 | | 37 | | 15 | | 0.37 | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | 26 | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 28 | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | 27 | | | | | | | | | |
| 30 | 29 | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | 17/2 | | 2 | | 2 | | 2 | | | |
| Median | 22/24 | | 37 | | 18 | | 0.36 | | | |

Absorption Data

Method: A 1

Year: **1965**Month: **XII**

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz **5**

Geomagnetic latitude: 36°30'

longitude: 122°12'

| Date | L (dB) noon meas. /calc. | L(cos χ =1) a. m. /p. m. mean (dB) | L(cos χ =0,2) a. m. /p. m. mean (dB) | exponent n a. m. /p. m. mean | τ (min.) | Notes |
|--------|--------------------------------|---|---|------------------------------------|------------------|-------|
| | 1 | 9 | | | | |
| 2 | 12 | | | | | |
| 3 | 15 | | | | | |
| 4 | 17 | | | | | |
| 5 | 22 | | | | | |
| 6 | 12 | | | | | |
| 7 | | | | | | |
| 8 | 26 | | | | | |
| 9 | 17 | | | | | |
| 10 | 20 | | | | | |
| 11 | 21 | | | | | |
| 12 | | | | | | |
| 13 | 14 | | | | | |
| 14 | 17 | | | | | |
| 15 | 14 | | | | | |
| 16 | 10 | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | 8 | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | 17 | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | 19 | | | | | |
| 31 | 21 | | | | | |
| Count | 18 | | | | | |
| Median | 17 | | | | | |