

Казань

Казань

Суточные характеристики

187-III
Январь 1958г.

| Дата | Амплитуды | | | Характер 0 | K-индекс | | | | | | | | | Дата |
|---------|--|------------|------------|---------------|-------------|-----|-----|------|-------|-------|-------|-------|------------|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| 1 | | | | 1 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 4 | 33 | 1 |
| 2 | | | | 1 | 5 | 3 | 3 | 2 | 3 | 1 | 1 | 3 | 21 | 2 |
| 3 | | | | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 7 | 3 |
| 4 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |
| 5 | | | | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 5 |
| 6 | | | | 0 | 0 | 1 | 1 | 2 | 3 | 1 | 0 | 2 | 10 | 6 |
| 7 | | | | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 1 | 1 | 7 | 7 |
| 8 | | | | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 8 |
| 9 | | | | 1 | 0 | 0 | 0 | 1 | 2 | 4 | 3 | 3 | 13 | 9 |
| 10 | | | | 1 | 5 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 14 | 10 |
| 11 | | | | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 3 | 2 | 15 | 11 |
| 12 | | | | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 16 | 12 |
| 13 | | | | 1 | 2 | 2 | 1 | 1 | 0 | 3 | 4 | 4 | 17 | 13 |
| 14 | | | | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 4 | 15 | 14 |
| 15 | | | | 1 | 2 | 1 | 3 | 2 | 3 | 2 | 2 | 2 | 17 | 15 |
| 16 | | | | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 4 | 3 | 18 | 16 |
| 17 | | | | 1 | 2 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 27 | 17 |
| 18 | | | | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 31 | 18 |
| 19 | | | | 1 | 2 | 1 | 1 | 1 | 4 | 3 | 5 | 2 | 19 | 19 |
| 20 | | | | 1 | 1 | 1 | 2 | 3 | 4 | 3 | 4 | 5 | 23 | 20 |
| 21 | | | | 1 | 5 | 4 | 3 | 4 | 1 | 1 | 2 | 2 | 22 | 21 |
| 22 | | | | 1 | 3 | 2 | 2 | 3 | 4 | 2 | 1 | 2 | 19 | 22 |
| 23 | | | | 1 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 27 | 23 |
| 24 | | | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 3 | 1 | 19 | 24 |
| 25 | | | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 3 | 1 | 19 | 25 |
| 26 | | | | 1 | 1 | 4 | 2 | 1 | 1 | 3 | 2 | 4 | 18 | 26 |
| 27 | | | | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 3 | 9 | 27 |
| 28 | | | | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 1 | 10 | 28 |
| 29 | | | | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 2 | 19 | 29 |
| 30 | | | | 0 | 0 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 12 | 30 |
| 31 | | | | 0 | 2 | 1 | 2 | 2 | 0 | 1 | 3 | 4 | 15 | 31 |
| Среднее | $E_D = 4.70^\circ$ $E_H = 5.69^\circ$ $E_Z = 5.01^\circ$ | | | | $K_9 = 550$ | | | | | | | | | |

| Дата | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|---------|------------|-------------|-------------|---------------|----------|-----|-----|-----------|-------|-------|-------|-------|------------|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| 1 | | | | 0 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 12 | 1 |
| 2 | | | | 0 | 1 | 0 | 2 | 2 | 1 | 1 | 2 | 0 | 9 | 2 |
| 3 | | | | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 5 | 3 |
| 4 | | | | 1 | 2 | 1 | 0 | 2 | 2 | 3 | 4 | 3 | 17 | 4 |
| 5 | | | | 1 | 3 | 2 | 2 | 4 | 4 | 3 | 4 | 4 | 26 | 5 |
| 6 | | | | 1 | 4 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 26 | 6 |
| 7 | | | | 1 | 3 | 2 | 1 | 2 | 1 | 4 | 3 | 4 | 20 | 7 |
| 8 | | | | 1 | 2 | 4 | 2 | 2 | 4 | 4 | 4 | 4 | 26 | 8 |
| 9 | | | | 1 | 3 | 2 | 1 | 2 | 2 | 3 | 4 | 2 | 19 | 9 |
| 10 | | | | 1 | 3 | 2 | 0 | 2 | 3 | 5 | 4 | 4 | 23 | 10 |
| 11 | | | | 2 | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 51 | 11 |
| 12 | | | | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 6 | 3 | 29 | 12 |
| 13 | | | | 2 | 2 | 1 | 2 | 2 | 4 | 4 | 3 | 2 | 20 | 13 |
| 14 | | | | 1 | 3 | 4 | 1 | 2 | 2 | 5 | 1 | 3 | 21 | 14 |
| 15 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 0 | 2 | 11 | 15 |
| 16 | | | | 1 | 1 | 0 | 1 | 2 | 3 | 3 | 2 | 2 | 14 | 16 |
| 17 | | | | 1 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 27 | 17 |
| 18 | | | | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 4 | 24 | 18 |
| 19 | | | | 1 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 25 | 19 |
| 20 | | | | 2 | 3 | 3 | 2 | 3 | 4 | 1 | 3 | 4 | 23 | 20 |
| 21 | | | | 1 | 3 | 3 | 3 | 3 | 3 | 2 | 5 | 4 | 26 | 21 |
| 22 | | | | 1 | 4 | 2 | 1 | 3 | 5 | 2 | 3 | 2 | 22 | 22 |
| 23 | | | | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 14 | 23 |
| 24 | | | | 0 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 1 | 13 | 24 |
| 25 | | | | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 06 | 25 |
| 26 | | | | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 09 | 26 |
| 27 | | | | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 09 | 27 |
| 28 | | | | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 1 | 19 | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | 31 |
| Среднее | $E_D=4.78$ | $E_H=5.698$ | $E_Z=5.018$ | | | | | | | | | | | |
| | | | | | | | | $K_9=550$ | | | | | | |

Kazan
Казань

Суточные характеристики

388-10
Март 1958г.

| Дата | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|---------|--|------------|------------|---------------|------------|-----|-----|------|-------|-------|-------|-------|------------|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| 1 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | | | | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 2 |
| 3 | | | | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 5 | 5 | 23 | 3 |
| 4 | | | | 1 | 4 | 4 | 3 | 3 | 3 | 4 | 5 | 3 | 29 | 4 |
| 5 | | | | 1 | 3 | 3 | 5 | 3 | 3 | 2 | 3 | 3 | 25 | 5 |
| 6 | | | | 1 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 31 | 6 |
| 7 | | | | 1 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 27 | 7 |
| 8 | | | | 1 | 3 | 3 | 3 | 2 | 3 | 1 | 2 | 2 | 19 | 8 |
| 9 | | | | 1 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 1 | 20 | 9 |
| 10 | | | | 1 | 2 | 2 | 4 | 2 | 3 | 3 | 5 | 3 | 24 | 10 |
| 11 | | | | 1 | 4 | 2 | 0 | 1 | 3 | 3 | 5 | 4 | 22 | 11 |
| 12 | | | | 1 | 5 | 5 | 4 | 3 | 5 | 6 | 5 | 4 | 37 | 12 |
| 13 | | | | 1 | 4 | 3 | 4 | 3 | 7 | 5 | 5 | 2 | 33 | 13 |
| 14 | | | | 1 | 1 | 3 | 3 | 4 | 3 | 3 | 2 | 1 | 20 | 14 |
| 15 | | | | 1 | 1 | 3 | 3 | 4 | 3 | 3 | 2 | 1 | 20 | 15 |
| 16 | | | | 0 | 4 | 2 | 1 | 1 | 0 | 1 | 1 | 3 | 13 | 16 |
| 17 | | | | 1 | 2 | 2 | 1 | 3 | 3 | 4 | 5 | 2 | 22 | 17 |
| 18 | | | | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 27 | 18 |
| 19 | | | | 1 | 4 | 4 | 2 | 4 | 3 | 5 | 5 | 5 | 32 | 19 |
| 20 | | | | 1 | 4 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 34 | 20 |
| 21 | | | | 1 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 29 | 21 |
| 22 | | | | 0 | 5 | 3 | 2 | 1 | 1 | 0 | 2 | 4 | 18 | 22 |
| 23 | | | | 1 | 4 | 3 | 1 | 5 | 2 | 3 | 4 | 4 | 26 | 23 |
| 24 | | | | 1 | 2 | 3 | 2 | 2 | 2 | 4 | 4 | 5 | 24 | 24 |
| 25 | | | | 1 | 5 | 3 | 1 | 3 | 4 | 6 | 4 | 4 | 30 | 25 |
| 26 | | | | 1 | 4 | 4 | 1 | 3 | 4 | 4 | 3 | 4 | 27 | 26 |
| 27 | | | | 0 | 3 | 3 | 1 | 2 | 1 | 1 | 3 | 3 | 17 | 27 |
| 28 | | | | 0 | 1 | 2 | 1 | 1 | 0 | 5 | 4 | 2 | 16 | 28 |
| 29 | | | | 0 | 4 | 4 | 0 | 0 | 0 | 2 | 1 | 1 | 12 | 29 |
| 30 | | | | 1 | 0 | 0 | 2 | 4 | 5 | 5 | 4 | 4 | 24 | 30 |
| 31 | | | | 1 | 2 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 20 | 31 |
| Среднее | $E_D = 4.70^\circ$ $E_H = 5.69^\circ$ $E_Z = 5.01^\circ$ | | | | $Kg = 550$ | | | | | | | | | |

Казань
Казань

Инд. № 458-17

Суточные характеристики

Апрель 1958 г.

| Дата | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|---------|---------------|---------------|---------------|---------------|----------|-----|-----|------|-------------|-------|-------|-------|------------|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| 1 | | | | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 21 | 1 |
| 2 | | | | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 27 | 2 |
| 3 | | | | 1 | 3 | 3 | 2 | 2 | 1 | 2 | 3 | 3 | 19 | 3 |
| 4 | | | | 1 | 1 | 3 | 2 | 3 | 5 | 4 | 5 | 5 | 28 | 4 |
| 5 | | | | 1 | 4 | 3 | 1 | 2 | 2 | 2 | 4 | 2 | 20 | 5 |
| 6 | | | | 1 | 4 | 2 | 1 | 3 | 2 | 3 | 3 | 4 | 22 | 6 |
| 7 | | | | 1 | 2 | 3 | 1 | 3 | 3 | 3 | 4 | 3 | 22 | 7 |
| 8 | | | | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 3 | 2 | 9 | 8 |
| 9 | | | | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 4 | 8 | 9 |
| 10 | | | | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 6 | 10 |
| 11 | | | | 0 | 2 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 10 | 11 |
| 12 | | | | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 6 | 12 |
| 13 | | | | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 5 | 13 |
| 14 | | | | 1 | 1 | 1 | 1 | 4 | 3 | 2 | 5 | 3 | 20 | 14 |
| 15 | | | | 1 | 3 | 5 | 2 | 3 | 1 | 1 | 5 | 5 | 25 | 15 |
| 16 | | | | 1 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 5 | 28 | 16 |
| 17 | | | | 1 | 4 | 4 | 3 | 3 | 3 | 5 | 5 | 4 | 31 | 17 |
| 18 | | | | 1 | 4 | 4 | 3 | 4 | 3 | 5 | 5 | 6 | 34 | 18 |
| 19 | | | | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 26 | 19 |
| 20 | | | | 1 | 4 | 3 | 2 | 1 | 2 | 2 | 3 | 2 | 19 | 20 |
| 21 | | | | 1 | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 4 | 24 | 21 |
| 22 | | | | 0 | 2 | 3 | 0 | 1 | 1 | 1 | 1 | 0 | 8 | 22 |
| 23 | | | | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 8 | 23 |
| 24 | | | | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 11 | 24 |
| 25 | | | | 0 | 3 | 1 | 1 | 1 | 3 | 1 | 1 | 0 | 11 | 25 |
| 26 | | | | 1 | 0 | 0 | 0 | 1 | 1 | 4 | 5 | 3 | 14 | 26 |
| 27 | | | | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 2 | 13 | 27 |
| 28 | | | | 1 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 27 | 28 |
| 29 | | | | 1 | 4 | 5 | 3 | 3 | 3 | 5 | 3 | 4 | 30 | 29 |
| 30 | | | | 1 | 3 | 4 | 3 | 3 | 3 | 5 | 4 | 2 | 27 | 30 |
| 31 | | | | | | | | | | | | | | 31 |
| Среднее | $E_D = 4.708$ | $E_H = 5.578$ | $E_Z = 5.148$ | | | | | | $K_g = 550$ | | | | | |

Казань
Казань

Инд. № 54-77

Суточные характеристики

Май 1958 г.

| Дата | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата | |
|---------|------------|-------------|-------------|---------------|----------|-----|-----|------|-------|-------|-------|-------|------------|------|----------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | | |
| 1 | | | | 1 | 3 | 3 | 2 | 3 | 2 | 2 | 4 | 3 | 22 | 1 | |
| 2 | | | | 0 | 2 | 2 | 1 | 1 | 0 | 1 | 2 | 2 | 11 | 2 | |
| 3 | | | | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 7 | 3 | |
| 4 | | | | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 7 | 4 | |
| 5 | | | | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 4 | 4 | 15 | 5 | |
| 6 | | | | 0 | 3 | 3 | 1 | 1 | 0 | 1 | 1 | 1 | 11 | 6 | |
| 7 | | | | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 7 | 7 | |
| 8 | | | | 0 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 4 | 14 | 8 | |
| 9 | | | | 0 | 2 | 2 | 3 | 4 | 3 | 2 | 1 | 1 | 18 | 9 | |
| 10 | | | | 1 | 2 | 2 | 1 | 2 | 3 | 2 | 4 | 2 | 18 | 10 | |
| 11 | | | | 0 | 1 | 0 | 2 | 2 | 1 | 1 | 3 | 1 | 11 | 11 | |
| 12 | | | | 1 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 5 | 13 | 12 | |
| 13 | | | | 1 | 4 | 3 | 2 | 3 | 3 | 5 | 5 | 5 | 30 | 13 | |
| 14 | | | | 1 | 5 | 4 | 3 | 3 | 5 | 4 | 4 | 4 | 32 | 14 | |
| 15 | | | | 1 | 3 | 5 | 2 | 2 | 3 | 4 | 4 | 4 | 27 | 15 | |
| 16 | | | | 1 | 4 | 5 | 1 | 3 | 3 | 3 | 1 | 1 | 21 | 16 | |
| 17 | | | | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 15 | 17 | |
| 18 | | | | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 1 | 1 | 16 | 18 | |
| 19 | | | | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 2 | 1 | 11 | 19 | |
| 20 | | | | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 8 | 20 | |
| 21 | | | | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21 | |
| 22 | | | | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 4 | 22 | |
| 23 | | | | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 23 | |
| 24 | | | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 24 | |
| 25 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 7 | 25 | |
| 26 | | | | 1 | 5 | 3 | 3 | 5 | 5 | 5 | 2 | 4 | 32 | 26 | |
| 27 | | | | 1 | 3 | 3 | 1 | 4 | 3 | 3 | 4 | 5 | 26 | 27 | |
| 28 | | | | 1 | 4 | 5 | 1 | 2 | 1 | 2 | 1 | 2 | 18 | 28 | |
| 29 | | | | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 36 | 29 | |
| 30 | | | | 0 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 14 | 30 | |
| 31 | | | | 1 | 2 | 1 | 1 | 2 | 3 | 5 | 6 | 7 | 27 | 31 | |
| Среднее | $E_D=4.78$ | $E_H=5.578$ | $E_Z=5.148$ | | | | | | | | | | | | $Kg=550$ |

Казан
Казань

Суточные характеристики

Инв. № 650-III

ИЮНЬ 1958 г.

| Дата | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|------|-------------------------|---|-------------------------|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣК | |
| 1 | | | | 1 | 7 | 6 | 3 | 3 | 2 | 3 | 5 | 5 | 34 | 1 |
| 2 | | | | 1 | 4 | 4 | 3 | 2 | 3 | 2 | 3 | 1 | 22 | 2 |
| 3 | | | | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 05 | 3 |
| 4 | | | | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | 06 | 4 |
| 5 | | | | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 08 | 5 |
| 6 | | | | 0 | 1 | 2 | 2 | 2 | 0 | 0 | 1 | 5 | 13 | 6 |
| 7 | | | | 1 | 5 | 6 | 4 | 4 | 3 | 4 | 4 | 2 | 32 | 7 |
| 8 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 13 | 8 |
| 9 | | | | 1 | 3 | 1 | 1 | 2 | 3 | 2 | 5 | 5 | 22 | 9 |
| 0 | | | | 1 | 5 | 4 | 2 | 3 | 4 | 3 | 3 | 4 | 28 | 10 |
| 1 | | | | 1 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 20 | 11 |
| 2 | | | | 1 | 1 | 2 | 1 | 3 | 2 | 3 | 2 | 1 | 15 | 12 |
| 3 | | | | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 11 | 13 |
| 4 | | | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 4 | 14 | 14 |
| 5 | | | | 1 | 3 | 5 | 3 | 3 | 1 | 2 | 1 | 0 | 18 | 15 |
| 6 | | | | 0 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 10 | 16 |
| 7 | | | | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 04 | 17 |
| 8 | | | | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 10 | 18 |
| 9 | | | | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 2 | 2 | 11 | 19 |
| 0 | | | | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 06 | 20 |
| 1 | | | | 1 | 2 | 4 | 4 | 6 | 6 | 5 | 6 | 4 | 37 | 21 |
| 2 | | | | 1 | 4 | 5 | 4 | 4 | 4 | 2 | 2 | 4 | 29 | 22 |
| 3 | | | | 0 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 15 | 23 |
| 4 | | | | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 15 | 24 |
| 5 | | | | 0 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 12 | 25 |
| 6 | | | | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 09 | 26 |
| 7 | | | | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 09 | 27 |
| 8 | | | | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 6 | 7 | 31 | 28 |
| 9 | | | | 1 | 6 | 6 | 5 | 4 | 6 | 5 | 5 | 3 | 40 | 29 |
| 0 | | | | 0 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 12 | 30 |
| 1 | | | | | | | | | | | | | | 31 |
| днее | εD 4.70 ⁸ | εH с/1 н/010 5.57 ⁸ с/11 н/030 5.42 ⁸ | εZ 5.15 ⁸ | K=9 550 | | | | | | | | | | |

Казань
Казань

№ 777-00

Суточные характеристики

Июль 1958г

| | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|--|-----------|----|----|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣК | |
| | | | | 0 | 3 | 4 | 3 | 2 | 3 | 1 | 1 | 2 | 19 | 1 |
| | | | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 6 | 2 |
| | | | | 0 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 2 | 20 | 3 |
| | | | | 1 | 2 | 1 | 3 | 3 | 4 | 4 | 2 | 2 | 21 | 4 |
| | | | | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 4 | 15 | 5 |
| | | | | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 1 | 1 | 7 | 6 |
| | | | | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 4 | 3 | 18 | 7 |
| | | | | 2 | 3 | 3 | 8 | 7 | 7 | 9 | 8 | 8 | 53 | 8 |
| | | | | 0 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 2 | 32 | 9 |
| | | | | 1 | 4 | 3 | 4 | 3 | 4 | 4 | 2 | 3 | 27 | 10 |
| | | | | 0 | 4 | 3 | 3 | 2 | 1 | 2 | 3 | 3 | 21 | 11 |
| | | | | 1 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 1 | 26 | 12 |
| | | | | 0 | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 3 | 16 | 13 |
| | | | | 0 | 2 | 3 | 2 | 2 | 1 | 3 | 1 | 1 | 15 | 14 |
| | | | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 5 | 15 |
| | | | | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 9 | 16 |
| | | | | 0 | 2 | 4 | 2 | 4 | 1 | 0 | 0 | 0 | 13 | 17 |
| | | | | 1 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 26 | 18 |
| | | | | 1 | 3 | 3 | 4 | 1 | 1 | 1 | 5 | 5 | 23 | 19 |
| | | | | 1 | 3 | 4 | 3 | 4 | 3 | 4 | 1 | 2 | 24 | 20 |
| | | | | 1 | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 6 | 26 | 21 |
| | | | | 1 | 3 | 4 | 2 | 2 | 4 | 2 | 2 | 1 | 20 | 22 |
| | | | | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 7 | 23 |
| | | | | 1 | 3 | 3 | 1 | 3 | 4 | 3 | 4 | 3 | 27 | 24 |
| | | | | 1 | 2 | 2 | 3 | 4 | 5 | 3 | 5 | 3 | 27 | 25 |
| | | | | 0 | 3 | 3 | 1 | 2 | 1 | 1 | 2 | 1 | 14 | 26 |
| | | | | 1 | 1 | 3 | 3 | 4 | 3 | 1 | 3 | 4 | 22 | 27 |
| | | | | 0 | 4 | 3 | 1 | 1 | 1 | 0 | 1 | 1 | 12 | 28 |
| | | | | 0 | 2 | 4 | 1 | 1 | 1 | 1 | 3 | 2 | 15 | 29 |
| | | | | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 12 | 30 |
| | | | | 1 | 1 | 0 | 1 | 1 | 1 | 4 | 4 | 2 | 14 | 31 |

днее

$E_0 = 4.70^8$ $E_H = 5.72^8$ $E_2 = 5.16^8$

$K_9 = 550$

Казань
Казань

Инв. № 9849/III

Суточные характеристики

август 1958г.

| a | Амплитуды | | | Характер C | K-индекс | | | | | | | | | Дата |
|---|-----------|----|----|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| | | | | 0 | 3 | 1 | 1 | 4 | 4 | 2 | 2 | 2 | 19 | 1 |
| | | | | 0 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 1 | 15 | 2 |
| | | | | 0 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 11 | 3 |
| | | | | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 6 | 4 |
| | | | | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 6 | 5 |
| | | | | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 5 | 6 |
| | | | | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 2 | 1 | 10 | 7 |
| | | | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 8 |
| | | | | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 2 | 8 | 9 |
| | | | | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 2 | 17 | 10 |
| | | | | 1 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 18 | 11 |
| | | | | 0 | 2 | 3 | 1 | 1 | 1 | 0 | 1 | 1 | 10 | 12 |
| | | | | 0 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 15 | 13 |
| | | | | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 7 | 14 |
| | | | | 0 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 15 |
| | | | | 0 | 3 | 4 | 1 | 2 | 2 | 2 | 2 | 1 | 17 | 16 |
| | | | | 1 | 1 | 1 | 3 | 3 | 6 | 5 | 6 | 6 | 31 | 17 |
| | | | | 1 | 5 | 4 | 1 | 3 | 2 | 1 | 2 | 1 | 19 | 18 |
| | | | | 0 | 3 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 13 | 19 |
| | | | | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 7 | 20 |
| | | | | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 8 | 21 |
| | | | | 0 | 5 | 5 | 4 | 3 | 2 | 2 | 2 | 1 | 24 | 22 |
| | | | | 0 | 1 | 4 | 2 | 1 | 2 | 2 | 2 | 2 | 16 | 23 |
| | | | | 1 | 6 | 8 | 3 | 5 | 5 | 4 | 4 | 2 | 37 | 24 |
| | | | | 1 | 3 | 3 | 2 | 2 | 4 | 1 | 2 | 1 | 18 | 25 |
| | | | | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 12 | 26 |
| | | | | 1 | 2 | 5 | 5 | 4 | 4 | 4 | 6 | 5 | 35 | 27 |
| | | | | 0 | 1 | 1 | 2 | 3 | 1 | 1 | 4 | 2 | 15 | 28 |
| | | | | 0 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 11 | 29 |
| | | | | 0 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 12 | 30 |
| | | | | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 4 | 31 |

$E_3=4.70^\circ$ $E_4=5.72^\circ$ $E_2=5.16^\circ$

$K_9=550$

Казан
Казань

10/21 СЕНТЯБРЬ 1958 г.

Суточные характеристики

| Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|-----------|----|----|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|------|
| ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣК | |
| | | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 03 | 1 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 02 | 2 |
| | | | 1 | 0 | 1 | 3 | 5 | 6 | 5 | 5 | 6 | 31 | 3 |
| | | | 2 | 4 | 4 | 3 | 4 | 5 | 8 | 8 | 8 | 44 | 4 |
| | | | 1 | 8 | 6 | 4 | 4 | 3 | 3 | 5 | 3 | 36 | 5 |
| | | | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 08 | 6 |
| | | | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 4 | 4 | 16 | 7 |
| | | | 0 | 4 | 2 | 2 | 3 | 2 | 1 | 1 | 5 | 20 | 8 |
| | | | 1 | 3 | 2 | 2 | 3 | 2 | 4 | 4 | 4 | 24 | 9 |
| | | | 0 | 3 | 3 | 2 | 1 | 3 | 3 | 1 | 3 | 19 | 10 |
| | | | 0 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 14 | 11 |
| | | | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 05 | 12 |
| | | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 02 | 13 |
| | | | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 04 | 14 |
| | | | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 04 | 15 |
| | | | 1 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 4 | 29 | 16 |
| | | | 0 | 4 | 4 | 2 | 1 | 3 | 1 | 1 | 0 | 16 | 17 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 02 | 18 |
| | | | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 02 | 19 |
| | | | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 03 | 20 |
| | | | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 06 | 21 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 02 | 22 |
| | | | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 05 | 23 |
| | | | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 07 | 24 |
| | | | 1 | 2 | 5 | 4 | 4 | 4 | 6 | 5 | 6 | 36 | 25 |
| | | | 1 | 4 | 4 | 2 | 3 | 2 | 2 | 2 | 1 | 20 | 26 |
| | | | 1 | 1 | 1 | 1 | 2 | 1 | 4 | 3 | 3 | 16 | 27 |
| | | | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 02 | 28 |
| | | | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 02 | 29 |
| | | | 1 | 0 | 0 | 0 | 2 | 2 | 1 | 3 | 5 | 13 | 30 |
| | | | | | | | | | | | | | 31 |

$E_D = 4.70^{\circ}$ $E_H = 5.76^{\circ}$ $E_2 = 5.16^{\circ}$

$K_9 = 550$

Казань
Казань

Форм. № 1093 Октябрь 1958г.

Суточные характеристики

| | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|--|------------|------------|------------|---------------|----------|-----|-----|------|-------|-------|-------|-------|------------|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣK | |
| | | | | 0 | 1 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 13 | 1 |
| | | | | 0 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 07 | 2 |
| | | | | 1 | 0 | 0 | 3 | 5 | 5 | 6 | 6 | 2 | 27 | 3 |
| | | | | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 06 | 4 |
| | | | | 0 | 4 | 1 | 3 | 2 | 1 | 2 | 3 | 3 | 19 | 5 |
| | | | | 0 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 4 | 17 | 6 |
| | | | | 1 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 4 | 22 | 7 |
| | | | | 0 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 1 | 13 | 8 |
| | | | | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 06 | 9 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 03 | 10 |
| | | | | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 10 | 11 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 03 | 12 |
| | | | | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 3 | 1 | 09 | 13 |
| | | | | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 10 | 14 |
| | | | | 0 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 14 | 15 |
| | | | | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 09 | 16 |
| | | | | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 13 | 17 |
| | | | | 0 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 15 | 18 |
| | | | | 1 | 1 | 1 | 1 | 2 | 1 | 4 | 3 | 3 | 16 | 19 |
| | | | | 0 | 2 | 1 | 0 | 1 | 0 | 2 | 1 | 2 | 09 | 20 |
| | | | | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 09 | 21 |
| | | | | 1 | 1 | 2 | 3 | 5 | 4 | 6 | 6 | 5 | 32 | 22 |
| | | | | 1 | 4 | 3 | 3 | 5 | 5 | 5 | 6 | 4 | 35 | 23 |
| | | | | 2 | 4 | 3 | 4 | 6 | 6 | 6 | 7 | 6 | 42 | 24 |
| | | | | 0 | 4 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 11 | 25 |
| | | | | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 5 | 2 | 18 | 26 |
| | | | | 1 | 1 | 2 | 3 | 2 | 2 | 5 | 6 | 6 | 27 | 27 |
| | | | | 1 | 4 | 3 | 4 | 4 | 4 | 6 | 5 | 5 | 30 | 28 |
| | | | | 1 | 4 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 25 | 29 |
| | | | | 1 | 3 | 3 | 3 | 4 | 4 | 5 | 2 | 5 | 29 | 30 |
| | | | | 0 | 2 | 2 | 2 | 1 | 2 | 4 | 2 | 2 | 17 | 31 |

$E_0 = 7.38^\circ$ $E_H = 2.65^\circ$ $E_2 = 3.75^\circ$

$K_9 = 550$

Казань
Казань

№ 1260-111

Суточные характеристики

Ноябрь 1958г.

| Амплитуды | | | Характер С | К-индекс | | | | | | | | | | Дата |
|------------|------------|------------|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|----|------|
| ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣК | | |
| | | | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 10 | 1 | |
| | | | 1 | 1 | 0 | 1 | 1 | 4 | 6 | 4 | 2 | 19 | 2 | |
| | | | 0 | 4 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 22 | 3 | |
| | | | 0 | 2 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 10 | 4 | |
| | | | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 04 | 5 | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 03 | 6 | |
| | | | 0 | 1 | 0 | 0 | 3 | 2 | 1 | 1 | 2 | 10 | 7 | |
| | | | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 04 | 8 | |
| | | | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 03 | 9 | |
| | | | 1 | 1 | 0 | 1 | 4 | 2 | 3 | 4 | 3 | 18 | 10 | |
| | | | 0 | 4 | 3 | 1 | 3 | 1 | 1 | 1 | 1 | 15 | 11 | |
| | | | 1 | 1 | 1 | 1 | 2 | 5 | 3 | 3 | 3 | 19 | 12 | |
| | | | 0 | 2 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 09 | 13 | |
| | | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 04 | 14 | |
| | | | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 07 | 15 | |
| | | | 0 | 2 | 2 | 2 | 2 | 3 | 2 | 0 | 1 | 14 | 16 | |
| | | | 0 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 13 | 17 | |
| | | | 1 | 1 | 0 | 2 | 1 | 2 | 2 | 4 | 3 | 15 | 18 | |
| | | | 0 | 2 | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 08 | 19 | |
| | | | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 04 | 20 | |
| | | | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 07 | 21 | |
| | | | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 07 | 22 | |
| | | | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 12 | 23 | |
| | | | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 2 | 2 | 11 | 24 | |
| | | | 1 | 1 | 1 | 1 | 1 | 3 | 5 | 4 | 4 | 20 | 25 | |
| | | | 1 | 3 | 2 | 1 | 1 | 2 | 4 | 3 | 2 | 18 | 26 | |
| | | | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 3 | 3 | 18 | 27 | |
| | | | 1 | 4 | 3 | 4 | 3 | 4 | 2 | 2 | 2 | 24 | 28 | |
| | | | 0 | 3 | 2 | 2 | 2 | 3 | 1 | 0 | 1 | 14 | 29 | |
| | | | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 03 | 30 | |
| | | | | | | | | | | | | | 31 | |

$E_D = 4.50^\circ$ $E_H = 4.82^\circ$ $E_Z = 5.80^\circ$

$K_g = 5.50$

Казань
Казань

52

инв. 1522-14

ДЕКАБРЬ 1958 год

Суточные характеристики

| га | Амплитуды | | | Характер С | К-индекс | | | | | | | | | Дата |
|-----|---|---|---|---------------|----------|-----|-----|------|-------|-------|-------|-------|----|------|
| | ΔD | ΔH | ΔZ | | 0-3 | 3-6 | 6-9 | 9-12 | 12-15 | 15-18 | 18-21 | 21-24 | ΣК | |
| | | | | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 03 | 1 |
| | | | | 1 | 1 | 1 | 1 | 4 | 6 | 4 | 4 | 5 | 26 | 2 |
| | | | | 0 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 11 | 3 |
| | | | | 2 | 3 | 2 | 4 | 5 | 6 | 7 | 7 | 8 | 42 | 4 |
| | | | | 0 | 6 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 19 | 5 |
| | | | | 1 | 1 | 1 | 2 | 3 | 4 | 3 | 2 | 4 | 20 | 6 |
| | | | | 0 | 1 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 07 | 7 |
| | | | | 1 | 0 | 0 | 0 | 1 | 2 | 4 | 4 | 4 | 15 | 8 |
| | | | | 0 | 4 | 2 | 3 | 2 | 1 | 1 | 0 | 0 | 13 | 9 |
| | | | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 02 | 10 |
| | | | | 0 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 4 | 15 | 11 |
| | | | | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 3 | 3 | 11 | 12 |
| | | | | 1 | 4 | 4 | 3 | 3 | 5 | 6 | 5 | 5 | 35 | 13 |
| | | | | 1 | 4 | 3 | 1 | 2 | 4 | 3 | 4 | 4 | 25 | 14 |
| | | | | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 3 | 2 | 16 | 15 |
| | | | | 1 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 21 | 16 |
| | | | | 1 | 4 | 4 | 2 | 2 | 1 | 6 | 6 | 6 | 31 | 17 |
| | | | | 1 | 7 | 6 | 3 | 3 | 2 | 1 | 3 | 3 | 28 | 18 |
| | | | | 1 | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 3 | 32 | 19 |
| | | | | 1 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 27 | 20 |
| | | | | 0 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 19 | 21 |
| | | | | 1 | 3 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 22 | 22 |
| | | | | 1 | 1 | 1 | 4 | 3 | 4 | 5 | 4 | 4 | 26 | 23 |
| | | | | 0 | 3 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 15 | 24 |
| | | | | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 09 | 25 |
| | | | | 1 | 2 | 1 | 1 | 1 | 5 | 5 | 4 | 4 | 23 | 26 |
| | | | | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 1 | 3 | 25 | 27 |
| | | | | 1 | 3 | 1 | 4 | 3 | 3 | 4 | 4 | 3 | 25 | 28 |
| | | | | 0 | 3 | 2 | 2 | 1 | 3 | 2 | 3 | 3 | 19 | 29 |
| | | | | 1 | 4 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 25 | 30 |
| | | | | 0 | 3 | 2 | 1 | 1 | 1 | 2 | 3 | 1 | 14 | 31 |
| нее | С I no 10 E ₀ =7.73° С II no 31 E ₀ =4.50° | С I no 10 E ₄ =2.62° С II no 31 E _H =4.82° | С I no 10 E ₂ =3.56° С II no 31 E ₂ =5.80° | | | | | | | | | | | |

K₉=550