

ГОСУДАРСТВЕННЫЙ СТАНДАРТ РОССИЙСКОЙ ФЕДЕРАЦИИ

ИОНОСФЕРА ЗЕМЛИ НИЖНЯЯ

МОДЕЛЬ ГЛОБАЛЬНОГО РАСПРЕДЕЛЕНИЯ
КОНЦЕНТРАЦИИ И ЭФФЕКТИВНОЙ ЧАСТОТЫ
СОУДАРЕНИЙ ЭЛЕКТРОНОВ ДЛЯ ПРОГНОЗИРОВАНИЯ
НИЗКОЧАСТОТНЫХ РАДИОПОЛЕЙ

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Предисловие

- 1 РАЗРАБОТАН И ВНЕСЕН** Научным конструкторско-технологическим бюро «Радиофизика» при Санкт-Петербургском государственном университете Министерства науки и технической политики России и Всероссийским научно-исследовательским институтом стандартизации (ВНИИстандарт) Госстандарта России
- 2 УТВЕРЖДЕН И ВВЕДЕН В ДЕЙСТВИЕ** Постановлением Госстандарта России от 01.11.94 № 265
- 3 ВВЕДЕН ВПЕРВЫЕ**

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ВВЕДЕНИЕ

В основу государственного стандарта положена глобальная модель концентрации N_e и эффективной частоты соударений электронов ν_e в нижней ионосфере, разработанная в Научно-конструкторском технологическом бюро «Радиофизика». При построении модели использованы следующие основные принципы. На высотах более 75—80 км для дневных условий и на высотах более 95—100 км для ночных для геомагнитных широт ниже 60° модели высотных зависимостей $N_e(h)$ построены с учетом данных ГОСТ 25645.146. На более низких высотах величины N_e найдены в результате согласования расчетных и экспериментальных данных о распространении радиоволн преимущественно очень низкочастотного (ОНЧ) диапазона. В связи с тем, что использованные ОНЧ-данные представляют собой усредненные по большому объему измерений значения характеристик распространения (усреднение по времени и в пространстве для однородных условий), модели $N_e(h)$ также характеризуют усредненные распределения $N_e(h)$.

ГОСУДАРСТВЕННЫЙ СТАНДАРТ РОССИЙСКОЙ ФЕДЕРАЦИИ

ИОНОСФЕРА ЗЕМЛИ НИЖНЯЯ

Модель глобального распределения концентрации
и эффективной частоты соударений электронов
для прогнозирования низкочастотных радиополей

Earth's lower ionosphere. Model of global distribution
of concentration and effective collision frequency
of electrons for VLF—LF radio forecast

Дата введения 1995—07—01

1 ОБЛАСТЬ ПРИМЕНЕНИЯ

Настоящий стандарт устанавливает модель глобального распределения значений концентрации N_e и эффективной частоты соударений электронов в ионосфере Земли в интервале высот 45—105 км для любого времени суток, различных дней года и уровней солнечной активности, для любой точки земного шара.

Стандарт предназначен для оценки средних ионосферных условий функционирования существующих и проектируемых средств радиосвязи, радионавигации и других радиотехнических средств в диапазоне очень низких частот (далее — ОНЧ) (а также для оценок в диапазоне низких частот) и для приближенных оценок воздействия заряженных частиц на технические устройства, функционирующие в нижней ионосфере Земли.

Стандарт не распространяется на периоды ионосферных возмущений.

2 НОРМАТИВНЫЕ ССЫЛКИ

В настоящем стандарте использованы ссылки на следующие стандарты:

ГОСТ 24375—80 Радиосвязь. Термины и определения

ГОСТ 25645.146—89 Ионосфера Земли. Модель глобального распределения концентрации, температуры и эффективной частоты соударений электронов

3 ОПРЕДЕЛЕНИЯ, ОБОЗНАЧЕНИЯ И СОКРАЩЕНИЯ

В настоящем стандарте применяются следующие термины:

— ионосфера Земли нижняя — часть ионосферы, расположенная приблизительно между 45 и 100 км над поверхностью Земли;

— эффективная частота соударений электронов (ν_e) — суммарная частота соударений электронов с нейтральными частицами и ионами, рассчитанная по формулам газокINETической теории;

— солнечная активность — комплекс процессов, происходящих в атмосфере Солнца, оказывающих воздействие на межпланетное пространство и, в частности, на Землю; уровень солнечной активности характеризуется индексами; наиболее употребляемый индекс — число Вольфа;

— очень низкие частоты (ОНЧ) — радиочастоты 3—30 кГц, низкие частоты (НЧ) — радиочастоты 30—300 кГц, средние частоты (СЧ) радиочастоты 300—3000 кГц (ГОСТ 24375);

— ионосферное возмущение — нарушение в распределении ионизации в слоях ионосферы, которое превосходит обычно изменения средних характеристик ионизации для данных географических условий (ГОСТ 24375);

— зенитный угол Солнца (χ) — центральный угол между отвесной линией и направлением на Солнце;

— число Вольфа (W) — международное относительное число солнечных пятен, определяемое ежесуточно;

— среднее значение числа Вольфа (\bar{W}) — значение, полученное усреднением ежесуточных чисел Вольфа за интервал в 31 сут, центрированный на заданную дату;

— исправленные геомагнитные координаты — геомагнитные координаты, учитывающие отличие реального геомагнитного поля от дипольного (при их расчете наряду с дипольным используют более высокие члены разложения геомагнитного поля по сферическим гармоникам).

4 ОБЩИЕ ПОЛОЖЕНИЯ

4.1 Для определения концентрации N_e и эффективной частоты соударений электронов ν_e на различных высотах h задают:

— географическую широту выбранной точки φ в градусах;

— географическую долготу выбранной точки λ в градусах;

— дату (число, месяц);

— местное время t в часах или зенитный угол Солнца χ в градусах;

— среднее значение числа Вольфа \bar{W} .

4.2 Значения N_e для северного полушария приведены в разделе 5 (таблицы 3—372) на ряде фиксированных высот для следующих исходных данных (указанных над таблицами):

— для месяцев января, июня, сентября, ноября; при этом значения параметров отнесены к 15 числу каждого месяца (для $\varphi=0^\circ$ принято одно значение N_e для всех месяцев, формально посчитанное для 15 января);

— средних значений чисел Вольфа $\overline{W}=10$ и 100;

— зенитных углов Солнца (местного времени), указанных в таблицах N_e ;

— географических координат северного полушария, указанных в таблице 1.

В таблице 1 указан также интервал по долготе Λ , в пределах которого электронная концентрация отличается от табличной не более чем на 10 %, а также номера таблиц, в которых приведены значения N_e , соответствующие указанным координатам.

4.3 Значения N_e для южного полушария определяют по таблицам для северного полушария для координат, указанных в таблице 2, со сдвигом по сезону на ± 6 мес.

4.4 Эффективная частота соударений электронов ν_e принята не зависящей от времени суток, числа Вольфа и долготы. Значения ν_e приведены в таблицах 373—376 для тех же месяцев, высот и широт, что и значения N_e . Для южного полушария значения ν_e совпадают со значениями для северного полушария со сдвигом по сезону на ± 6 мес.

4.5. Если заданные гелиогеофизические условия и координаты выбранной точки совпадают с данными, для которых составлены таблицы (долгота выбранной точки попадает в интервал Λ), то значения N_e и ν_e на фиксированных высотах определяют непосредственно из таблиц. Для промежуточных координат, высот и гелиогеофизических условий N_e и ν_e определяют линейной интерполяцией логарифма N_e и ν_e , представленных в таблицах, по высоте, времени суток (зенитному углу), координатам, дате, уровню солнечной активности. При интерполяции по координатам рекомендуется использовать схему, представленную на рисунке А.1 (приложение А), на которой точки соответствуют координатам φ , λ таблицы 1, а отрезки прямых линий соответствуют интервалам Λ .

4.6 В дневных условиях ($\chi < 85^\circ$) для низких и средних широт погрешность модельных значений N_e наименьшая в диапазоне высот 65—75 км и составляет 10 %. При понижении высоты ошибка возрастает и приведенное значение N_e может отличаться от реального среднего до двух раз на высоте 50 км. Для высот более 75 км погрешность составляет +20 %.

Таблица 1 — Координаты точек северного полушария и интервалы по долготе, для которых приведены значения N_e

| Ф | λ | Δ | Январь | | Июнь | | Сентябрь | | Ноябрь | |
|---------------------|------|-----------|--------|-------|------|-------|----------|-------|--------|-------|
| | | | W=10 | W=100 | W=10 | W=100 | W=10 | W=100 | W=10 | W=100 |
| Номера таблиц N_e | | | | | | | | | | |
| 0° | 90° | 0°—360° | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 30° | 90° | 0°—180° | 5 | 6 | 97 | 98 | 189 | 190 | 281 | 282 |
| 30° | 250° | — | 7 | 8 | 99 | 100 | 191 | 192 | 283 | 284 |
| 30° | 285° | — | 9 | 10 | 101 | 102 | 193 | 194 | 285 | 286 |
| 30° | 320° | — | 11 | 12 | 103 | 104 | 195 | 196 | 287 | 288 |
| 40° | 90° | 0°—180° | 13 | 14 | 105 | 106 | 197 | 198 | 289 | 290 |
| 40° | 250° | — | 15 | 16 | 107 | 108 | 199 | 200 | 291 | 292 |
| 40° | 285° | — | 17 | 18 | 109 | 110 | 201 | 202 | 293 | 294 |
| 40° | 320° | — | 19 | 20 | 111 | 112 | 203 | 204 | 295 | 296 |
| 45° | 250° | — | 21 | 22 | 113 | 114 | 205 | 206 | 297 | 298 |
| 45° | 285° | — | 23 | 24 | 115 | 116 | 207 | 208 | 299 | 300 |
| 45° | 320° | — | 25 | 26 | 117 | 118 | 209 | 210 | 301 | 302 |
| 50° | 90° | 5°—180° | 27 | 28 | 119 | 120 | 211 | 212 | 303 | 304 |
| 50° | 215° | — | 29 | 30 | 121 | 122 | 213 | 214 | 305 | 306 |
| 50° | 250° | — | 31 | 32 | 123 | 124 | 215 | 216 | 307 | 308 |
| 50° | 285° | — | 33 | 34 | 125 | 126 | 217 | 218 | 309 | 310 |
| 50° | 320° | — | 35 | 36 | 127 | 128 | 219 | 220 | 311 | 312 |
| 55° | 215° | — | 37 | 38 | 129 | 130 | 221 | 222 | 313 | 314 |
| 55° | 250° | — | 39 | 40 | 131 | 132 | 223 | 224 | 315 | 316 |
| 55° | 285° | — | 41 | 42 | 133 | 134 | 225 | 226 | 317 | 318 |
| 55° | 320° | — | 43 | 44 | 135 | 136 | 227 | 228 | 319 | 320 |
| 55° | 355° | — | 45 | 46 | 137 | 138 | 229 | 230 | 321 | 322 |
| 60° | 90° | 10°—100° | 47 | 48 | 139 | 140 | 231 | 232 | 323 | 324 |
| 60° | 165° | 110°—180° | 49 | 50 | 141 | 142 | 233 | 234 | 325 | 326 |
| 60° | 215° | — | 51 | 52 | 143 | 144 | 235 | 236 | 327 | 328 |
| 60° | 250° | — | 53 | 54 | 145 | 146 | 237 | 238 | 329 | 330 |
| 60° | 285° | — | 55 | 56 | 147 | 148 | 239 | 240 | 331 | 332 |
| 60° | 320° | — | 57 | 58 | 149 | 150 | 241 | 242 | 333 | 334 |
| 60° | 355° | — | 59 | 60 | 151 | 152 | 243 | 244 | 335 | 336 |
| 65° | 90° | 60°—120° | 61 | 62 | 153 | 154 | 245 | 246 | 337 | 338 |
| 65° | 215° | — | 63 | 64 | 155 | 156 | 247 | 248 | 339 | 340 |
| 65° | 250° | — | 65 | 66 | 157 | 158 | 249 | 250 | 341 | 342 |
| 65° | 285° | — | 67 | 68 | 159 | 160 | 251 | 252 | 343 | 344 |
| 65° | 320° | — | 69 | 70 | 161 | 162 | 253 | 254 | 345 | 346 |
| 65° | 355° | — | 71 | 72 | 163 | 164 | 255 | 256 | 347 | 348 |
| 70° | 30° | 15°—45° | 73 | 74 | 165 | 166 | 257 | 258 | 349 | 350 |
| 70° | 90° | 60°—120° | 75 | 76 | 167 | 168 | 259 | 260 | 351 | 352 |
| 70° | 180° | — | 77 | 78 | 169 | 170 | 261 | 262 | 353 | 354 |
| 70° | 215° | — | 79 | 80 | 171 | 172 | 263 | 264 | 355 | 356 |
| 70° | 285° | — | 81 | 82 | 173 | 174 | 265 | 266 | 357 | 358 |
| 70° | 355° | — | 83 | 84 | 175 | 176 | 267 | 268 | 359 | 360 |
| 75° | 90° | 60°—120° | 85 | 86 | 177 | 178 | 269 | 270 | 361 | 362 |
| 75° | 215° | — | 87 | 88 | 179 | 180 | 271 | 272 | 363 | 364 |
| 75° | 355° | — | 89 | 90 | 181 | 182 | 273 | 274 | 365 | 366 |
| 80° | 90° | 15°—180° | 91 | 92 | 183 | 184 | 275 | 276 | 367 | 368 |
| 80° | 285° | 265°—295° | 93 | 94 | 185 | 186 | 277 | 278 | 369 | 370 |
| 90° | 90° | — | 95 | 96 | 187 | 188 | 279 | 280 | 371 | 372 |

Таблица 2 — Координаты точек южного полушария и интервалы по долготе, для которых приведены значения N_e

| Ф | λ | Δ | Июль | | Декабрь | | Март | | Май | |
|-----|------|-----------|---------------------|-------|---------|-------|------|-------|------|-------|
| | | | W=10 | W=100 | W=10 | W=100 | W=10 | W=100 | W=10 | W=100 |
| | | | Номера таблиц N_e | | | | | | | |
| 2° | 269° | 0°—360° | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 34° | 261° | — | 5 | 6 | 97 | 98 | 189 | 190 | 281 | 282 |
| 27° | 68° | — | 7 | 8 | 99 | 100 | 191 | 192 | 283 | 284 |
| 31° | 108° | — | 9 | 10 | 101 | 102 | 193 | 194 | 285 | 286 |
| 28° | 147° | — | 11 | 12 | 103 | 104 | 195 | 196 | 287 | 288 |
| 47° | 259° | 181°—5° | 13 | 14 | 105 | 106 | 197 | 198 | 289 | 290 |
| 38° | 70° | — | 15 | 16 | 107 | 108 | 199 | 200 | 291 | 292 |
| 41° | 111° | — | 17 | 18 | 109 | 110 | 201 | 202 | 293 | 294 |
| 37° | 148° | — | 19 | 20 | 111 | 112 | 203 | 204 | 295 | 296 |
| 44° | 71° | — | 21 | 22 | 113 | 114 | 205 | 206 | 297 | 298 |
| 45° | 112° | — | 23 | 24 | 115 | 116 | 207 | 208 | 299 | 300 |
| 41° | 148° | — | 25 | 26 | 117 | 118 | 209 | 210 | 301 | 302 |
| 55° | 249° | 184°—7° | 27 | 28 | 119 | 120 | 211 | 212 | 303 | 304 |
| 46° | 37° | — | 29 | 30 | 121 | 122 | 213 | 214 | 305 | 306 |
| 49° | 72° | — | 31 | 32 | 123 | 124 | 215 | 216 | 307 | 308 |
| 49° | 114° | — | 33 | 34 | 125 | 126 | 217 | 218 | 309 | 310 |
| 46° | 148° | — | 35 | 36 | 127 | 128 | 219 | 220 | 311 | 312 |
| 52° | 38° | — | 37 | 38 | 129 | 130 | 221 | 222 | 313 | 314 |
| 55° | 76° | — | 39 | 40 | 131 | 132 | 223 | 224 | 315 | 316 |
| 54° | 116° | — | 41 | 42 | 133 | 134 | 225 | 226 | 317 | 318 |
| 50° | 149° | — | 43 | 44 | 135 | 136 | 227 | 228 | 319 | 320 |
| 47° | 175° | — | 45 | 46 | 137 | 138 | 229 | 230 | 321 | 322 |
| 66° | 243° | 185°—262° | 47 | 48 | 139 | 140 | 231 | 232 | 323 | 324 |
| 61° | 353° | 279°—11° | 49 | 50 | 141 | 142 | 233 | 234 | 325 | 326 |
| 59° | 41° | — | 51 | 52 | 143 | 144 | 235 | 236 | 327 | 328 |
| 60° | 79° | — | 53 | 54 | 145 | 146 | 237 | 238 | 329 | 330 |
| 58° | 118° | — | 55 | 56 | 147 | 148 | 239 | 240 | 331 | 332 |
| 55° | 149° | — | 57 | 58 | 149 | 150 | 241 | 242 | 333 | 334 |
| 52° | 175° | — | 59 | 60 | 151 | 152 | 243 | 244 | 335 | 336 |
| 70° | 244° | 216°—295° | 61 | 62 | 153 | 154 | 245 | 246 | 337 | 338 |
| 65° | 45° | — | 63 | 64 | 155 | 156 | 247 | 248 | 339 | 340 |
| 65° | 82° | — | 65 | 66 | 157 | 158 | 249 | 250 | 341 | 342 |
| 62° | 120° | — | 67 | 68 | 159 | 160 | 251 | 252 | 343 | 344 |
| 59° | 149° | — | 69 | 70 | 161 | 162 | 253 | 254 | 345 | 346 |
| 57° | 174° | — | 71 | 72 | 163 | 164 | 255 | 256 | 347 | 348 |
| 63° | 193° | 184°—202° | 73 | 74 | 165 | 166 | 257 | 258 | 349 | 350 |
| 74° | 237° | 212°—287° | 75 | 76 | 167 | 168 | 259 | 260 | 351 | 352 |
| 73° | 17° | — | 77 | 78 | 169 | 170 | 261 | 262 | 353 | 354 |
| 71° | 51° | — | 79 | 80 | 171 | 172 | 263 | 264 | 355 | 356 |
| 67° | 122° | 88°—143° | 81 | 82 | 173 | 174 | 265 | 266 | 357 | 358 |
| 62° | 172° | — | 83 | 84 | 175 | 176 | 267 | 268 | 359 | 360 |
| 77° | 227° | 205°—272° | 85 | 86 | 177 | 178 | 269 | 270 | 361 | 362 |
| 77° | 62° | — | 87 | 88 | 179 | 180 | 271 | 272 | 363 | 364 |
| 66° | 171° | — | 89 | 90 | 181 | 182 | 273 | 274 | 365 | 366 |
| 80° | 210° | 178°—48° | 91 | 92 | 183 | 184 | 275 | 276 | 367 | 368 |
| 75° | 131° | — | 93 | 94 | 185 | 186 | 277 | 278 | 369 | 370 |
| 81° | 157° | — | 95 | 96 | 187 | 188 | 279 | 280 | 371 | 372 |

В ночных условиях ($\chi_m > 95^\circ$) в интервале высот 75—95 км отличие приведенных значений N_e от реальных средних не превосходит двух раз, а для больших высот составляет $\pm (30—50 \%)$.

В сумеречных условиях ($\chi = 85^\circ—95^\circ$) на высотах ниже 95 км отличие модельных значений от реальных средних может достигать двух раз, а выше 95 км составляет $\pm (30—50 \%)$.

В высоких широтах (исправленная геомагнитная широта больше 60°) имеет место дополнительное увеличение погрешности и отличие модельных значений N_e от реальных средних может достигать трех раз во всех условиях.

Для эффективной частоты соударений погрешность составляет $\pm 20 \%$.

Примечание — Предлагаемые высотные профили N_e являются усредненными, адекватно отражающими большой объем усредненных экспериментальных ОНЧ-данных и здесь представлены погрешности именно таких профилей.

5 ТАБЛИЦЫ КОНЦЕНТРАЦИИ И ЭФФЕКТИВНОЙ ЧАСТОТЫ СОУДАРЕНИЙ ЭЛЕКТРОНОВ

Значения электронной концентрации приведены в таблицах 3—372, а значения эффективной частоты соударений электронов — в таблицах 373—376.

Значения параметров нижней ионосферы Земли рассчитаны с использованием аналитической модели глобального распределения концентрации и эффективной частоты соударений электронов в невозмущенных условиях, которая реализована в виде программы на языке ФОРТРАН-4 для ЭВМ типа ЕС или персональных.

Таблица 3 — Январь, $\bar{W}=10$, $\varphi=0^\circ$, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,9° | 120,0° | 95,0° | 85,0° | 80,0° | 50,0° | 21,1° | 50,0° | 80,0° | 85,0° | 95,0° | 120,0° |
| | и z , ч | | | | | | | | | | | |
| | 0,0 | 3,8 | 5,6 | 6,4 | 6,7 | 8,9 | 12,0 | 15,1 | 17,3 | 17,6 | 18,4 | 20,2 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 1,52+0 | 1,23+0 | — | — | — | — | — | — | — |
| 53 | — | — | — | 1,14+1 | 9,18+0 | 4,01+0 | 4,05+0 | 4,02+0 | 3,96+0 | 3,94+0 | — | — |
| 56 | — | — | — | 3,08+1 | 2,50+1 | 1,12+1 | 1,16+1 | 1,13+1 | 1,08+1 | 1,06+1 | — | — |
| 57 | — | — | 2,27+0 | 3,33+1 | 2,73+1 | 1,28+1 | 1,36+1 | 1,28+1 | 1,18+1 | 1,15+1 | — | — |
| 59 | — | — | 3,36+0 | 3,54+1 | 2,94+1 | 1,47+1 | 1,61+1 | 1,47+1 | 1,27+1 | 1,23+1 | — | — |
| 61 | — | — | 3,81+0 | 3,88+1 | 3,26+1 | 1,75+1 | 2,01+1 | 1,76+1 | 1,42+1 | 1,35+1 | — | — |
| 63 | — | — | 4,02+0 | 4,60+1 | 3,93+1 | 2,31+1 | 2,80+1 | 2,32+1 | 1,72+1 | 1,60+1 | — | — |
| 65 | — | — | 4,77+0 | 6,23+1 | 5,43+1 | 3,55+1 | 4,58+1 | 3,57+1 | 2,39+1 | 2,18+1 | — | — |
| 67 | — | — | 6,17+0 | 5,23+1 | 5,10+1 | 6,00+1 | 1,11+2 | 6,10+1 | 2,32+1 | 1,86+1 | 1,07+0 | — |
| 69 | — | — | 6,77+0 | 4,37+1 | 4,71+1 | 9,21+1 | 2,29+2 | 9,54+1 | 2,32+1 | 1,63+1 | 1,34+0 | — |
| 71 | — | — | 5,75+0 | 3,55+1 | 4,12+1 | 1,07+2 | 3,04+2 | 1,14+2 | 2,35+1 | 1,47+1 | 1,62+0 | — |
| 73 | — | — | 5,22+0 | 3,02+1 | 3,89+1 | 1,40+2 | 4,52+2 | 1,57+2 | 2,82+1 | 1,54+1 | 2,46+0 | — |
| 75 | — | 1,27+0 | 5,52+0 | 2,80+1 | 4,14+1 | 1,98+2 | 6,80+2 | 2,30+2 | 3,97+1 | 1,97+1 | 4,47+0 | 1,74+0 |
| 80 | 3,20+0 | 7,51+0 | 1,86+1 | 5,18+1 | 9,13+1 | 3,82+2 | 9,68+2 | 4,41+2 | 1,24+2 | 6,81+1 | 2,64+1 | 9,39+0 |
| 85 | 1,43+1 | 4,78+1 | 1,52+2 | 3,22+2 | 5,05+2 | 1,79+3 | 3,93+3 | 1,95+3 | 6,30+2 | 4,11+2 | 1,94+2 | 5,45+1 |
| 90 | 1,31+2 | 4,47+2 | 1,43+3 | 2,42+3 | 3,13+3 | 9,12+3 | 1,77+4 | 9,35+3 | 3,34+3 | 2,60+3 | 1,54+3 | 4,63+2 |
| 95 | 1,68+3 | 4,06+3 | 9,41+3 | 1,32+4 | 1,54+4 | 3,65+4 | 6,20+4 | 3,65+4 | 1,54+4 | 1,32+4 | 9,41+3 | 4,06+3 |
| 105 | 2,52+3 | 6,33+3 | 1,52+4 | 2,24+4 | 2,74+4 | 8,10+4 | 1,58+5 | 8,10+4 | 2,74+4 | 2,24+4 | 1,52+4 | 6,33+3 |

Примечания к таблицам 3—376

1 Запись 4,26+3 означает $4,26 \cdot 10^3$

2 Прочерк означает, что электронная концентрация в данных условиях меньше 1 см^{-3}

3 Значения λ отсчитывают к востоку от Гринвичского меридиана и изменяют от 0° до 360°

Таблица 4 — Январь, $\bar{W}=100$, $\varphi=0^\circ$, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,8° | 120,0° | 95,0° | 85,0° | 80,0° | 50,0° | 21,1° | 50,0° | 80,0° | 85,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,7 | 5,5 | 6,4 | 6,6 | 8,8 | 12,0 | 15,1 | 17,2 | 17,6 | 18,3 | 20,2 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 1,47+0 | 1,18+0 | — | — | — | — | — | — | — |
| 53 | — | — | — | 1,13+1 | 9,09+0 | 3,97+0 | 4,01+0 | 3,98+0 | 3,92+0 | 3,90+0 | — | — |
| 55 | — | — | — | 3,07+1 | 2,49+1 | 1,12+1 | 1,15+1 | 1,12+1 | 1,07+1 | 1,06+1 | — | — |
| 57 | — | — | 2,26+0 | 3,32+1 | 2,72+1 | 1,28+1 | 1,35+1 | 1,28+1 | 1,17+1 | 1,15+1 | — | — |
| 59 | — | — | 3,35+0 | 3,54+1 | 2,94+1 | 1,47+1 | 1,61+1 | 1,47+1 | 1,27+1 | 1,23+1 | — | — |
| 61 | — | — | 3,81+0 | 3,89+1 | 3,27+1 | 1,76+1 | 2,02+1 | 1,77+1 | 1,42+1 | 1,35+1 | — | — |
| 63 | — | — | 3,99+0 | 4,67+1 | 3,99+1 | 2,35+1 | 2,85+1 | 2,37+1 | 1,75+1 | 1,63+1 | — | — |
| 65 | — | — | 4,81+0 | 6,51+1 | 5,68+1 | 3,71+1 | 4,78+1 | 3,74+1 | 2,51+1 | 2,28+1 | — | — |
| 67 | — | — | 6,34+0 | 5,48+1 | 5,37+1 | 6,44+1 | 1,20+2 | 6,56+1 | 2,47+1 | 1,96+1 | 1,12+0 | — |
| 69 | — | — | 7,06+0 | 4,65+1 | 5,12+1 | 1,10+2 | 2,89+2 | 1,15+2 | 2,57+1 | 1,75+1 | 1,45+0 | — |
| 71 | — | — | 6,03+0 | 3,83+1 | 4,58+1 | 1,37+2 | 4,20+2 | 1,47+2 | 2,71+1 | 1,62+1 | 1,81+0 | — |
| 73 | — | — | 5,55+0 | 3,31+1 | 4,45+1 | 1,91+2 | 6,78+2 | 2,16+2 | 3,39+1 | 1,76+1 | 2,85+0 | — |
| 75 | — | 1,39+0 | 6,04+0 | 3,15+1 | 4,91+1 | 2,88+2 | 1,10+3 | 3,35+2 | 4,94+1 | 2,34+1 | 5,26+0 | 1,90+0 |
| 80 | 3,20+0 | 8,22+0 | 2,19+1 | 6,3E+1 | 1,17+2 | 6,01+2 | 1,72+3 | 6,95+2 | 1,61+2 | 8,51+1 | 3,14+1 | 1,03+1 |
| 85 | 1,43+1 | 5,23+1 | 1,80+2 | 4,03+2 | 6,52+2 | 2,74+3 | 6,69+3 | 2,99+3 | 8,14+2 | 5,14+2 | 2,32+2 | 5,96+1 |
| 90 | 1,31+2 | 4,88+2 | 1,71+3 | 3,00+3 | 3,98+3 | 1,32+4 | 2,76+4 | 1,35+4 | 4,25+3 | 3,22+3 | 1,84+3 | 5,07+2 |
| 95 | 1,68+3 | 4,44+3 | 1,12+4 | 1,61+4 | 1,91+4 | 4,74+4 | 8,32+4 | 4,74+4 | 1,91+4 | 1,61+4 | 1,12+4 | 4,44+3 |
| 105 | 2,52+3 | 6,93+3 | 1,81+4 | 2,71+4 | 3,31+4 | 9,67+4 | 1,88+5 | 9,67+4 | 3,31+4 | 2,71+4 | 1,81+4 | 6,93+3 |

Таблица 5 — Январь. $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,38+0 | 3,32+0 | 1,77+0 | 1,37+0 | 1,38+0 | 1,22+0 | — | — | — |
| 53 | — | — | — | 9,71+0 | 1,36+1 | 7,32+0 | 5,78+0 | 5,70+0 | 5,03+0 | 1,38+0 | — | — |
| 55 | — | — | 1,04+0 | 2,16+1 | 3,06+1 | 1,67+1 | 1,37+1 | 1,30+1 | 1,13+1 | 3,08+0 | — | — |
| 57 | — | — | 2,70+0 | 2,34+1 | 3,35+1 | 1,87+1 | 1,61+1 | 1,46+1 | 1,24+1 | 3,33+0 | — | — |
| 59 | — | — | 3,85+0 | 2,46+1 | 3,53+1 | 2,07+1 | 1,91+1 | 1,63+1 | 1,33+1 | 3,51+0 | — | — |
| 61 | — | — | 4,33+0 | 2,77+1 | 4,12+1 | 2,48+1 | 2,49+1 | 1,95+1 | 1,52+1 | 3,95+0 | — | — |
| 63 | — | — | 4,58+0 | 3,22+1 | 4,90+1 | 3,11+1 | 3,45+1 | 2,47+1 | 1,82+1 | 4,61+0 | — | — |
| 65 | — | — | 5,64+0 | 3,97+1 | 6,22+1 | 4,19+1 | 5,24+1 | 3,35+1 | 2,33+1 | 5,73+0 | — | — |
| 67 | — | — | 7,10+0 | 2,98+1 | 5,25+1 | 4,48+1 | 8,99+1 | 3,72+1 | 2,01+1 | 4,43+0 | — | — |
| 69 | — | — | 7,36+0 | 2,26+1 | 4,30+1 | 4,33+1 | 1,14+2 | 3,85+1 | 1,74+1 | 3,62+0 | — | — |
| 71 | — | — | 6,20+0 | 1,74+1 | 3,53+1 | 4,21+1 | 1,32+2 | 4,16+1 | 1,60+1 | 3,34+0 | 1,17+0 | — |
| 73 | — | — | 5,53+0 | 1,38+1 | 3,21+1 | 5,31+1 | 2,39+2 | 5,97+1 | 1,81+1 | 3,80+0 | 2,03+0 | 1,14+0 |
| 75 | 1,22+0 | 1,61+0 | 5,66+0 | 1,18+1 | 3,26+1 | 8,01+1 | 5,09+2 | 9,98+1 | 2,50+1 | 5,59+0 | 3,96+0 | 2,25+0 |
| 80 | 5,47+0 | 9,70+0 | 1,75+1 | 2,23+1 | 6,40+1 | 2,06+2 | 1,01+3 | 2,67+2 | 8,39+1 | 2,89+1 | 2,45+1 | 1,23+1 |
| 85 | 2,45+1 | 6,89+1 | 1,66+2 | 2,01+2 | 4,16+2 | 1,03+3 | 3,63+3 | 1,21+3 | 5,24+2 | 2,63+2 | 2,13+2 | 7,91+1 |
| 90 | 1,72+2 | 6,14+2 | 1,80+3 | 2,26+3 | 3,24+3 | 5,70+3 | 1,57+4 | 5,97+3 | 3,47+3 | 2,45+3 | 1,94+3 | 6,39+2 |
| 95 | 1,68+3 | 4,93+3 | 1,22+4 | 1,48+4 | 1,80+4 | 2,62+4 | 5,91+4 | 2,62+4 | 1,80+4 | 1,48+4 | 1,22+4 | 4,93+3 |
| 105 | 2,52+3 | 7,71+3 | 1,98+4 | 2,42+4 | 3,13+4 | 5,18+4 | 1,53+5 | 5,18+4 | 3,13+4 | 2,42+4 | 1,98+4 | 7,71+3 |

Таблица 6 — Январь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 1,33+0 | 1,86+0 | — | — | — | — | — | — | — |
| 53 | — | — | — | 7,49+0 | 1,03+1 | 5,65+0 | 4,45+0 | 4,41+0 | 3,88+0 | 1,07+0 | — | — |
| 55 | — | — | — | 1,96+1 | 2,78+1 | 1,52+1 | 1,24+1 | 1,18+1 | 1,02+1 | 2,79+0 | — | — |
| 57 | — | — | — | 2,22+1 | 3,19+1 | 1,78+1 | 1,53+1 | 1,39+1 | 1,18+1 | 3,17+0 | — | — |
| 59 | — | — | 2,37+0 | 2,43+1 | 3,54+1 | 2,05+1 | 1,89+1 | 1,61+1 | 1,31+1 | 3,46+0 | — | — |
| 61 | — | — | 3,60+0 | 2,43+1 | 4,52+1 | 2,54+1 | 2,55+1 | 2,01+1 | 1,56+1 | 4,05+0 | — | — |
| 63 | — | — | 4,22+0 | 2,84+1 | 4,22+1 | 2,54+1 | 2,55+1 | 2,01+1 | 1,56+1 | 4,05+0 | — | — |
| 65 | — | — | 4,52+0 | 3,44+1 | 5,25+1 | 3,33+1 | 3,70+1 | 2,64+1 | 1,95+1 | 4,94+0 | — | — |
| 65 | — | — | 5,89+0 | 4,48+1 | 7,03+1 | 4,73+1 | 5,92+1 | 3,78+1 | 2,63+1 | 6,47+0 | — | — |
| 67 | — | — | 7,73+0 | 3,37+1 | 5,99+1 | 5,20+1 | 1,09+2 | 4,31+1 | 2,29+1 | 4,99+0 | — | — |
| 69 | — | — | 8,22+0 | 2,56+1 | 4,97+1 | 5,22+1 | 1,51+2 | 4,62+1 | 2,00+1 | 4,08+0 | — | — |
| 71 | — | — | 6,92+0 | 1,96+1 | 4,10+1 | 5,13+1 | 1,81+2 | 5,05+1 | 1,85+1 | 3,73+0 | 1,28+0 | — |
| 73 | — | — | 6,15+0 | 1,55+1 | 3,76+1 | 6,66+1 | 3,54+2 | 7,44+1 | 2,10+1 | 4,21+0 | 2,21+0 | 1,19+0 |
| 75 | 1,22+0 | 1,68+0 | 6,25+0 | 1,33+1 | 3,83+1 | 1,03+2 | 8,09+2 | 1,27+2 | 2,90+1 | 6,15+0 | 4,29+0 | 2,35+0 |
| 80 | 5,47+0 | 1,01+1 | 1,90+1 | 2,44+1 | 7,30+1 | 2,54+2 | 1,48+3 | 3,29+2 | 9,53+1 | 3,14+1 | 2,64+1 | 1,28+1 |
| 85 | 2,45+1 | 7,18+1 | 1,79+2 | 2,19+2 | 4,66+2 | 1,22+3 | 4,90+3 | 1,44+3 | 5,86+2 | 2,86+2 | 2,30+2 | 8,25+1 |
| 85 | 1,72+2 | 6,40+2 | 1,94+3 | 2,46+3 | 3,59+3 | 6,52+3 | 1,93+4 | 6,84+3 | 3,85+3 | 2,66+3 | 2,09+3 | 6,66+2 |
| 90 | 1,68+3 | 5,14+3 | 1,32+4 | 1,61+4 | 1,95+4 | 2,83+4 | 6,29+4 | 2,83+4 | 1,95+4 | 1,61+4 | 1,32+4 | 5,14+3 |
| 95 | 2,52+3 | 8,04+3 | 2,14+4 | 2,64+4 | 3,37+4 | 5,46+4 | 1,54+5 | 5,46+4 | 3,37+4 | 2,64+4 | 2,14+4 | 8,04+3 |
| 105 | 2,52+3 | 8,04+3 | 2,14+4 | 2,64+4 | 3,37+4 | 5,46+4 | 1,54+5 | 5,46+4 | 3,37+4 | 2,64+4 | 2,14+4 | 8,04+3 |

Т а б л и ц а 7 — Январь, $\bar{W}=10$, $\Phi=30^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | 1,28+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 6,39+0 | 8,95+0 | 4,86+0 | 3,79+0 | 3,85+0 | 2,62+0 | — | — | — |
| 53 | — | — | 1,10+0 | 1,76+1 | 2,48+1 | 1,36+1 | 1,08+1 | 1,07+1 | 7,27+0 | 1,22+0 | — | — |
| 55 | — | — | 2,24+0 | 3,05+1 | 4,32+1 | 2,40+1 | 1,98+1 | 1,90+1 | 1,27+1 | 2,10+0 | — | — |
| 57 | — | — | 4,26+0 | 3,33+1 | 4,79+1 | 2,73+1 | 2,37+1 | 2,16+1 | 1,40+1 | 2,30+0 | — | — |
| 59 | — | — | 5,72+0 | 3,51+1 | 5,12+1 | 3,02+1 | 2,81+1 | 2,40+1 | 1,50+1 | 2,43+0 | — | — |
| 61 | — | — | 6,34+0 | 3,88+1 | 5,78+1 | 3,56+1 | 3,60+1 | 2,85+1 | 1,70+1 | 2,69+0 | — | — |
| 63 | — | — | 6,74+0 | 3,99+1 | 6,09+1 | 3,95+1 | 4,42+1 | 3,21+1 | 1,81+1 | 2,79+0 | — | — |
| 65 | — | — | 7,87+0 | 3,95+1 | 6,22+1 | 4,30+1 | 5,39+1 | 3,56+1 | 1,87+1 | 2,80+0 | — | — |
| 67 | — | — | 8,46+0 | 2,97+1 | 5,02+1 | 4,07+1 | 6,72+1 | 3,56+1 | 1,56+1 | 2,21+0 | — | — |
| 69 | — | — | 7,81+0 | 2,25+1 | 3,97+1 | 3,58+1 | 6,51+1 | 3,42+1 | 1,34+1 | 1,90+0 | — | — |
| 71 | — | — | 6,54+0 | 1,72+1 | 3,26+1 | 3,53+1 | 7,34+1 | 3,78+1 | 1,29+1 | 1,92+0 | — | — |
| 73 | 1,36+0 | 1,01+0 | 5,74+0 | 1,35+1 | 3,02+1 | 4,81+1 | 1,48+2 | 5,77+1 | 1,57+1 | 2,49+0 | 1,73+0 | 1,47+0 |
| 75 | 2,47+0 | 2,08+0 | 5,69+0 | 1,14+1 | 3,16+1 | 8,00+1 | 3,77+2 | 1,04+2 | 2,33+1 | 4,10+0 | 3,44+0 | 2,91+0 |
| 80 | 1,11+1 | 1,25+1 | 1,58+1 | 1,90+1 | 6,19+1 | 2,14+2 | 8,90+2 | 2,79+2 | 8,03+1 | 2,33+1 | 2,16+1 | 1,59+1 |
| 85 | 4,96+1 | 9,67+1 | 1,71+2 | 1,94+2 | 4,31+2 | 1,06+3 | 3,00+3 | 1,24+3 | 5,43+2 | 2,54+2 | 2,20+2 | 1,11+2 |
| 90 | 2,46+2 | 7,86+2 | 2,10+3 | 2,59+3 | 3,64+3 | 5,87+3 | 1,27+4 | 6,15+3 | 3,90+3 | 2,80+3 | 2,26+3 | 8,18+2 |
| 95 | 1,68+3 | 5,46+3 | 1,48+4 | 1,82+4 | 2,09+4 | 2,75+4 | 4,96+4 | 2,75+4 | 2,09+4 | 1,82+4 | 1,48+4 | 5,46+3 |
| 105 | 2,52+3 | 8,53+3 | 2,39+4 | 2,97+4 | 3,65+4 | 5,46+4 | 1,30+5 | 5,46+4 | 3,65+4 | 2,97+4 | 2,39+4 | 8,53+3 |

12 Таблица 8 — Январь, $\bar{W}=100$, $\varphi=\xi 0^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | 1,18+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,68+0 | 3,75+0 | 2,04+0 | 1,59+0 | 1,64+0 | 1,10+0 | — | — | — |
| 53 | — | — | — | 9,54+0 | 1,34+1 | 7,35+0 | 5,85+0 | 5,85+0 | 3,94+0 | — | — | — |
| 55 | — | — | — | 2,30+1 | 3,27+1 | 1,82+1 | 1,50+1 | 1,44+1 | 9,57+0 | 1,59+0 | — | — |
| 57 | — | — | 2,98+0 | 2,91+1 | 4,18+1 | 2,39+1 | 2,07+1 | 1,89+1 | 1,23+1 | 2,01+0 | — | — |
| 59 | — | — | 4,77+0 | 3,38+1 | 4,94+1 | 2,91+1 | 2,71+1 | 2,32+1 | 1,45+1 | 2,34+0 | — | — |
| 61 | — | — | 5,90+0 | 4,10+1 | 6,11+1 | 3,76+1 | 3,81+1 | 3,01+1 | 1,80+1 | 2,85+0 | — | — |
| 63 | — | — | 6,64+0 | 4,57+1 | 6,98+1 | 4,52+1 | 5,07+1 | 3,66+1 | 2,07+1 | 3,19+0 | — | — |
| 65 | — | — | 8,63+0 | 4,85+1 | 7,64+1 | 5,26+1 | 6,62+1 | 4,33+1 | 2,28+1 | 3,43+0 | — | — |
| 67 | — | — | 9,88+0 | 3,64+1 | 6,22+1 | 5,09+1 | 8,76+1 | 4,38+1 | 1,92+1 | 2,68+0 | — | — |
| 69 | — | — | 9,40+0 | 2,76+1 | 4,93+1 | 4,52+1 | 8,86+1 | 4,21+1 | 1,63+1 | 2,26+0 | — | — |
| 71 | — | — | 7,84+0 | 2,11+1 | 4,04+1 | 4,42+1 | 1,01+2 | 4,59+1 | 1,53+1 | 2,21+0 | 1,01+0 | — |
| 73 | 1,36+0 | 1,03+0 | 6,81+0 | 1,65+1 | 3,74+1 | 6,08+1 | 2,18+2 | 7,08+1 | 1,82+1 | 2,73+0 | 1,80+0 | 1,49+0 |
| 75 | 2,47+0 | 2,11+0 | 6,57+0 | 1,37+1 | 3,87+1 | 1,02+2 | 5,94+2 | 1,29+2 | 2,65+1 | 4,35+0 | 3,56+0 | 2,95+0 |
| 80 | 1,11+1 | 1,27+1 | 1,66+1 | 2,05+1 | 6,81+1 | 2,47+2 | 1,18+3 | 3,20+2 | 8,60+1 | 2,40+1 | 2,21+1 | 1,61+1 |
| 85 | 4,96+1 | 9,81+1 | 1,76+2 | 2,00+2 | 4,53+2 | 1,15+3 | 3,58+3 | 1,36+3 | 5,71+2 | 2,61+2 | 2,25+2 | 1,13+2 |
| 90 | 2,46+2 | 7,97+2 | 2,16+3 | 2,66+3 | 3,77+3 | 6,17+3 | 1,38+4 | 6,47+3 | 4,04+3 | 2,88+3 | 2,32+3 | 8,29+2 |
| 95 | 1,68+3 | 5,53+3 | 1,51+4 | 1,87+4 | 2,13+4 | 2,73+4 | 4,68+4 | 2,73+4 | 2,13+4 | 1,87+4 | 1,51+4 | 5,53+3 |
| 105 | 2,52+3 | 8,65+3 | 2,45+4 | 3,06+4 | 3,69+4 | 5,36+4 | 1,19+5 | 5,36+4 | 3,69+4 | 3,06+4 | 2,45+4 | 8,65+3 |

Таблица 9 — Январь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | 1,28+0 | 1,81+0 | 1,02+0 | — | — | — | — | — | — |
| 50 | — | — | — | 9,17+0 | 1,29+1 | 7,07+0 | 5,56+0 | 5,62+0 | 3,59+0 | — | — | — |
| 53 | — | — | 1,57+0 | 2,30+1 | 3,23+1 | 1,79+1 | 1,44+1 | 1,42+1 | 9,03+0 | 1,38+0 | — | — |
| 55 | — | — | 3,05+0 | 3,63+1 | 5,16+1 | 2,91+1 | 2,41+1 | 2,31+1 | 1,44+1 | 2,18+0 | — | — |
| 57 | — | — | 5,29+0 | 3,99+1 | 5,74+1 | 3,32+1 | 2,90+1 | 2,64+1 | 1,60+1 | 2,40+0 | — | — |
| 59 | — | — | 6,94+0 | 4,19+1 | 6,12+1 | 3,66+1 | 3,43+1 | 2,93+1 | 1,72+1 | 2,52+0 | — | — |
| 61 | — | — | 7,64+0 | 4,53+1 | 6,77+1 | 4,22+1 | 4,30+1 | 3,41+1 | 1,90+1 | 2,74+0 | — | — |
| 63 | — | — | 8,11+0 | 4,31+1 | 6,60+1 | 4,34+1 | 4,88+1 | 3,56+1 | 1,87+1 | 2,62+0 | — | — |
| 65 | — | — | 9,09+0 | 3,75+1 | 5,91+1 | 4,15+1 | 5,23+1 | 3,50+1 | 1,70+1 | 2,32+0 | — | — |
| 67 | — | — | 8,85+0 | 2,82+1 | 4,68+1 | 3,70+1 | 5,58+1 | 3,31+1 | 1,40+1 | 1,84+0 | — | — |
| 69 | — | — | 7,65+0 | 2,14+1 | 3,67+1 | 3,19+1 | 5,08+1 | 3,13+1 | 1,19+1 | 1,59+0 | — | — |
| 71 | — | — | 6,39+0 | 1,63+1 | 3,03+1 | 3,23+1 | 5,97+1 | 3,55+1 | 1,17+1 | 1,63+0 | — | — |
| 73 | 1,80+0 | 1,10+0 | 5,59+0 | 1,28+1 | 2,81+1 | 4,48+1 | 1,22+2 | 5,46+1 | 1,44+1 | 2,15+0 | 1,59+0 | 1,60+0 |
| 75 | 3,28+0 | 2,26+0 | 5,47+0 | 1,07+1 | 2,96+1 | 7,57+1 | 3,22+2 | 9,89+1 | 2,17+1 | 3,58+0 | 3,16+0 | 3,16+0 |
| 80 | 1,47+1 | 1,36+1 | 1,46+1 | 1,71+1 | 5,76+1 | 2,02+2 | 7,81+2 | 2,63+2 | 7,45+1 | 2,06+1 | 1,98+1 | 1,72+1 |
| 85 | 6,59+1 | 1,03+2 | 1,65+2 | 1,81+2 | 4,10+2 | 9,95+2 | 2,61+3 | 1,17+3 | 5,17+2 | 2,37+2 | 2,11+2 | 1,24+2 |
| 90 | 2,83+2 | 8,38+2 | 2,10+3 | 2,55+3 | 3,55+3 | 5,54+3 | 1,10+4 | 5,81+3 | 3,80+3 | 2,76+3 | 2,26+3 | 8,72+2 |
| 95 | 1,68+3 | 5,47+3 | 1,48+4 | 1,83+4 | 2,06+4 | 2,61+4 | 4,32+4 | 2,61+4 | 2,06+4 | 1,83+4 | 1,48+4 | 5,47+3 |
| 105 | 2,52+3 | 8,55+3 | 2,40+4 | 2,99+4 | 3,60+4 | 5,18+4 | 1,13+5 | 5,18+4 | 3,60+4 | 2,99+4 | 2,40+4 | 8,55+3 |

Таблица 10 — Январь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | 1,19+0 | 1,70+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 3,37+0 | 3,37+0 | 2,82+0 | 2,22+0 | 2,28+0 | 1,43+0 | — | — | — |
| 53 | — | — | — | 1,10+1 | 1,54+1 | 8,58+0 | 6,87+0 | 6,88+0 | 4,32+0 | — | — | — |
| 55 | — | — | 1,16+0 | 2,53+1 | 3,60+1 | 2,03+1 | 1,68+1 | 1,62+1 | 1,01+1 | 1,52+0 | — | — |
| 57 | — | — | 3,37+0 | 3,37+1 | 4,85+1 | 2,80+1 | 2,45+1 | 2,24+1 | 1,36+1 | 2,03+0 | — | — |
| 59 | — | — | 5,52+0 | 4,01+1 | 5,86+1 | 3,50+1 | 3,28+1 | 2,81+1 | 1,64+1 | 2,42+0 | — | — |
| 61 | — | — | 6,99+0 | 4,85+1 | 7,23+1 | 4,51+1 | 4,60+1 | 3,64+1 | 2,03+1 | 2,93+0 | — | — |
| 63 | — | — | 8,00+0 | 5,07+1 | 7,76+1 | 5,10+1 | 5,74+1 | 4,16+1 | 2,19+1 | 3,08+0 | — | — |
| 65 | — | — | 1,01+1 | 4,76+1 | 7,51+1 | 5,25+1 | 6,64+1 | 4,38+1 | 2,14+1 | 2,93+0 | — | — |
| 67 | — | — | 1,06+1 | 3,58+1 | 5,98+1 | 4,77+1 | 7,51+1 | 4,18+1 | 1,76+1 | 2,30+0 | — | — |
| 69 | — | — | 9,49+0 | 2,71+1 | 4,69+1 | 4,11+1 | 6,96+1 | 3,89+1 | 1,49+1 | 1,94+0 | — | — |
| 71 | — | — | 7,90+0 | 2,07+1 | 3,85+1 | 4,09+1 | 8,20+1 | 4,32+1 | 1,41+1 | 1,90+0 | — | — |
| 73 | 1,80+0 | 1,11+0 | 6,82+0 | 1,61+1 | 3,57+1 | 5,68+1 | 1,80+2 | 6,70+1 | 1,69+1 | 2,37+0 | 1,65+0 | 1,62+0 |
| 75 | 3,28+0 | 2,28+0 | 6,48+0 | 1,32+1 | 3,69+1 | 9,63+1 | 5,06+2 | 1,23+2 | 2,46+1 | 3,79+0 | 3,24+0 | 3,19+0 |
| 80 | 1,47+1 | 1,37+1 | 1,54+1 | 1,86+1 | 6,32+1 | 2,30+2 | 1,02+3 | 2,98+2 | 7,91+1 | 2,10+1 | 2,01+1 | 1,74+1 |
| 85 | 6,59+1 | 1,09+2 | 1,68+2 | 1,85+2 | 4,26+2 | 1,07+3 | 3,05+3 | 1,26+3 | 5,37+2 | 2,41+2 | 2,15+2 | 1,25+2 |
| 90 | 2,83+2 | 8,46+2 | 2,13+3 | 2,60+3 | 3,64+3 | 5,75+3 | 1,17+4 | 6,02+3 | 3,89+3 | 2,81+3 | 2,30+3 | 8,80+2 |
| 95 | 1,68+3 | 5,52+3 | 1,51+4 | 1,87+4 | 2,07+4 | 2,55+4 | 3,99+4 | 2,55+4 | 2,07+4 | 1,87+4 | 1,51+4 | 5,52+3 |
| 105 | 2,52+3 | 8,63+3 | 2,44+4 | 3,04+4 | 3,60+4 | 5,03+4 | 1,03+5 | 5,03+4 | 3,60+4 | 3,04+4 | 2,44+4 | 8,63+3 |

Т а б л и ц а 11 — Январь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | 1,28+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 6,39+0 | 8,94+0 | 4,85+0 | 3,79+0 | 3,84+0 | 2,62+0 | — | — | — |
| 53 | — | — | 1,10+0 | 1,76+1 | 2,48+1 | 1,36+1 | 1,08+1 | 1,07+1 | 7,27+0 | 1,22+0 | — | — |
| 55 | — | — | 2,23+0 | 3,05+1 | 4,32+1 | 2,40+1 | 1,98+1 | 1,90+1 | 1,27+1 | 2,11+0 | — | — |
| 57 | — | — | 4,26+0 | 3,33+1 | 4,79+1 | 2,73+1 | 2,37+1 | 2,16+1 | 1,40+1 | 2,31+0 | — | — |
| 59 | — | — | 5,71+0 | 3,50+1 | 5,11+1 | 3,02+1 | 2,81+1 | 2,40+1 | 1,50+1 | 2,43+0 | — | — |
| 61 | — | — | 6,33+0 | 3,88+1 | 5,78+1 | 3,56+1 | 3,60+1 | 2,85+1 | 1,70+1 | 2,69+0 | — | — |
| 63 | — | — | 6,74+0 | 3,98+1 | 6,09+1 | 3,95+1 | 4,42+1 | 3,21+1 | 1,81+1 | 2,79+0 | — | — |
| 65 | — | — | 7,87+0 | 3,95+1 | 6,22+1 | 4,30+1 | 5,39+1 | 3,56+1 | 1,87+1 | 2,80+0 | — | — |
| 67 | — | — | 8,46+0 | 2,97+1 | 5,03+1 | 4,07+1 | 6,72+1 | 3,56+1 | 1,56+1 | 2,21+0 | — | — |
| 69 | — | — | 7,81+0 | 2,25+1 | 3,97+1 | 3,58+1 | 6,51+1 | 3,42+1 | 1,34+1 | 1,90+0 | — | — |
| 71 | — | — | 6,54+0 | 1,72+1 | 3,26+1 | 3,53+1 | 7,34+1 | 3,78+1 | 1,29+1 | 1,92+0 | — | — |
| 73 | 1,36+0 | 1,01+0 | 5,74+0 | 1,35+1 | 3,02+1 | 4,81+1 | 1,48+2 | 5,77+1 | 1,57+1 | 2,49+0 | 1,73+0 | 1,47+0 |
| 75 | 2,47+0 | 2,08+0 | 5,69+0 | 1,14+1 | 3,16+1 | 8,00+1 | 3,77+2 | 1,04+2 | 2,33+1 | 4,10+0 | 3,44+0 | 2,91+0 |
| 80 | 1,11+1 | 1,25+1 | 1,58+1 | 1,90+1 | 6,19+1 | 2,14+2 | 8,90+2 | 2,79+2 | 8,03+1 | 2,33+1 | 2,16+1 | 1,59+1 |
| 85 | 4,96+1 | 9,67+1 | 1,71+2 | 1,94+2 | 4,31+2 | 1,06+3 | 3,00+3 | 1,24+3 | 5,43+2 | 2,54+2 | 2,20+2 | 1,11+2 |
| 90 | 2,46+2 | 7,86+2 | 2,10+3 | 2,59+3 | 3,64+3 | 5,87+3 | 1,27+4 | 6,15+3 | 3,90+3 | 2,80+3 | 2,26+3 | 8,17+2 |
| 95 | 1,68+3 | 5,46+3 | 1,48+4 | 1,82+4 | 2,09+4 | 2,75+4 | 4,96+4 | 2,75+4 | 2,09+4 | 1,82+4 | 1,48+4 | 5,46+3 |
| 105 | 2,52+3 | 8,53+3 | 2,39+4 | 2,97+4 | 3,65+4 | 5,46+4 | 1,30+5 | 5,46+4 | 3,65+4 | 2,97+4 | 2,39+4 | 8,53+3 |

Таблица 12 — Январь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 171,1° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 51,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,4 | 6,9 | 7,3 | 8,1 | 12,0 | 15,8 | 16,7 | 17,1 | 17,6 | 19,6 |
| 45 | — | — | — | — | 1,17+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,67+0 | 3,74+0 | 2,04+0 | 1,59+0 | 1,64+0 | 1,10+0 | — | — | — |
| 53 | — | — | — | 9,53+0 | 1,34+1 | 7,35+0 | 5,85+0 | 5,85+0 | 3,94+0 | — | — | — |
| 55 | — | — | — | 2,30+1 | 3,26+1 | 1,82+1 | 1,50+1 | 1,44+1 | 9,57+0 | 1,59+0 | — | — |
| 57 | — | — | — | 2,91+1 | 4,18+1 | 2,39+1 | 2,07+1 | 1,89+1 | 1,23+1 | 2,01+0 | — | — |
| 59 | — | — | 2,98+0 | 4,93+1 | 2,91+1 | 2,71+1 | 2,32+1 | 1,45+1 | 2,34+0 | — | — | — |
| 61 | — | — | 4,76+0 | 3,38+1 | 4,93+1 | 2,91+1 | 2,71+1 | 3,01+1 | 1,80+1 | 2,85+0 | — | — |
| 63 | — | — | 5,89+0 | 4,10+1 | 6,11+1 | 3,76+1 | 3,80+1 | 3,66+1 | 2,07+1 | 3,19+0 | — | — |
| 65 | — | — | 6,64+0 | 4,57+1 | 6,98+1 | 4,52+1 | 5,07+1 | 3,66+1 | 2,07+1 | 3,19+0 | — | — |
| 66 | — | — | 8,63+0 | 4,85+1 | 7,64+1 | 5,26+1 | 6,62+1 | 4,33+1 | 2,28+1 | 3,43+0 | — | — |
| 67 | — | — | 9,88+0 | 3,64+1 | 6,22+1 | 5,09+1 | 8,76+1 | 4,38+1 | 1,92+1 | 2,68+0 | — | — |
| 69 | — | — | 9,40+0 | 2,76+1 | 4,94+1 | 4,52+1 | 8,86+1 | 4,21+1 | 1,63+1 | 2,26+0 | — | — |
| 71 | — | — | 7,84+0 | 2,11+1 | 4,04+1 | 4,42+1 | 1,01+2 | 4,59+1 | 1,53+1 | 2,21+0 | 1,01+0 | — |
| 73 | 1,36+0 | 1,03+0 | 6,81+0 | 1,65+1 | 3,74+1 | 6,08+1 | 2,18+2 | 7,08+1 | 1,82+1 | 2,74+0 | 1,80+0 | 1,49+0 |
| 75 | 2,47+0 | 2,11+0 | 6,57+0 | 1,37+1 | 3,87+1 | 1,02+2 | 5,95+2 | 1,29+2 | 2,65+1 | 4,35+0 | 3,56+0 | 2,95+0 |
| 80 | 1,11+1 | 1,27+1 | 1,66+1 | 2,05+1 | 6,81+1 | 2,47+2 | 1,18+3 | 3,20+2 | 8,61+1 | 2,40+1 | 2,21+1 | 1,61+1 |
| 85 | 4,96+1 | 9,81+1 | 1,76+2 | 2,00+2 | 4,53+2 | 1,15+3 | 3,53+3 | 1,36+3 | 5,71+2 | 2,61+2 | 2,25+2 | 1,13+2 |
| 90 | 2,46+2 | 7,97+2 | 2,16+3 | 2,66+3 | 3,77+3 | 6,17+3 | 1,38+4 | 6,47+3 | 4,04+3 | 2,88+3 | 2,32+3 | 8,29+2 |
| 95 | 1,68+3 | 5,53+3 | 1,51+4 | 1,87+4 | 2,13+4 | 2,73+4 | 4,68+4 | 2,73+4 | 2,13+4 | 1,87+4 | 1,51+4 | 5,53+3 |
| 105 | 2,52+3 | 8,65+3 | 2,45+4 | 3,06+4 | 3,69+4 | 5,36+4 | 1,19+5 | 5,36+4 | 3,69+4 | 3,06+4 | 2,45+4 | 8,65+3 |

Таблица 13 — Январь, $\overline{W}=10$, $\varphi=40^\circ$ с ш, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | — | 1,05+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 5,35+0 | 7,26+0 | 5,79+0 | 3,47+0 | 3,52+0 | 2,50+0 | — | — | — |
| 53 | — | — | — | 1,52+1 | 2,07+1 | 1,66+1 | 1,02+1 | 1,01+1 | 7,12+0 | 1,21+0 | — | — |
| 55 | — | — | 1,89+0 | 2,68+1 | 3,69+1 | 2,99+1 | 1,90+1 | 1,81+1 | 1,27+1 | 2,14+0 | — | — |
| 57 | — | — | 3,68+0 | 2,92+1 | 4,10+1 | 3,38+1 | 2,27+1 | 2,05+1 | 1,41+1 | 2,34+0 | — | — |
| 59 | — | — | 4,97+0 | 3,07+1 | 4,40+1 | 3,71+1 | 2,69+1 | 2,27+1 | 1,52+1 | 2,47+0 | — | — |
| 61 | — | — | 5,53+0 | 3,41+1 | 5,02+1 | 4,35+1 | 3,46+1 | 2,69+1 | 1,74+1 | 2,74+0 | — | — |
| 63 | — | — | 5,89+0 | 3,56+1 | 5,41+1 | 4,85+1 | 4,32+1 | 3,04+1 | 1,88+1 | 2,88+0 | — | — |
| 65 | — | — | 6,95+0 | 3,62+1 | 5,72+1 | 5,35+1 | 5,40+1 | 3,43+1 | 2,01+1 | 2,97+0 | — | — |
| 67 | — | — | 7,63+0 | 2,72+1 | 4,75+1 | 4,96+1 | 6,96+1 | 3,39+1 | 1,73+1 | 2,34+0 | — | — |
| 69 | — | — | 7,16+0 | 2,07+1 | 3,81+1 | 4,28+1 | 6,87+1 | 3,26+1 | 1,49+1 | 2,00+0 | — | — |
| 71 | — | — | 6,04+0 | 1,58+1 | 3,18+1 | 4,04+1 | 7,72+1 | 3,59+1 | 1,44+1 | 2,01+0 | — | — |
| 73 | 1,26+0 | 1,00+0 | 5,35+0 | 1,25+1 | 3,07+1 | 5,06+1 | 1,54+2 | 5,33+1 | 1,78+1 | 2,58+0 | 1,76+0 | 1,43+0 |
| 75 | 2,30+0 | 2,04+0 | 5,40+0 | 1,06+1 | 3,39+1 | 7,65+1 | 3,89+2 | 9,23+1 | 2,70+1 | 4,22+0 | 3,49+0 | 2,81+0 |
| 80 | 1,03+1 | 1,21+1 | 1,59+1 | 1,89+1 | 7,01+1 | 1,92+2 | 9,09+2 | 2,52+2 | 9,12+1 | 2,38+1 | 2,18+1 | 1,52+1 |
| 85 | 4,63+1 | 9,08+1 | 1,70+2 | 1,96+2 | 4,75+2 | 9,66+2 | 3,08+3 | 1,15+3 | 5,93+2 | 2,56+2 | 2,19+2 | 1,04+2 |
| 90 | 2,37+2 | 7,30+2 | 2,07+3 | 2,57+3 | 3,86+3 | 5,49+3 | 1,30+4 | 5,78+3 | 4,12+3 | 2,79+3 | 2,22+3 | 7,58+2 |
| 95 | 1,68+3 | 5,15+3 | 1,45+4 | 1,80+4 | 2,17+4 | 2,61+4 | 5,08+4 | 2,61+4 | 2,17+4 | 1,80+4 | 1,45+4 | 5,15+3 |
| 105 | 2,52+3 | 8,03+3 | 2,34+4 | 2,94+4 | 3,86+4 | 5,05+4 | 1,33+5 | 5,05+4 | 3,86+4 | 2,94+4 | 2,34+4 | 8,03+3 |

Таблица 14 — Январь, $\bar{W}=100$, $\varphi=40^\circ$ с ш, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,27+0 | 3,09+0 | 2,47+0 | 1,48+0 | 1,53+0 | 1,06+0 | — | — | — |
| 53 | — | — | — | 8,45+0 | 1,15+1 | 9,26+0 | 5,67+0 | 5,66+0 | 3,97+0 | — | — | — |
| 55 | — | — | — | 2,06+1 | 2,84+1 | 2,30+1 | 1,46+1 | 1,40+1 | 9,78+0 | 1,65+0 | — | — |
| 57 | — | — | 2,63+0 | 2,58+1 | 3,61+1 | 2,98+1 | 2,00+1 | 1,81+1 | 1,24+1 | 2,06+0 | — | — |
| 59 | — | — | 4,19+0 | 2,97+1 | 4,26+1 | 3,59+1 | 2,60+1 | 2,20+1 | 1,47+1 | 2,38+0 | — | — |
| 61 | — | — | 5,17+0 | 3,60+1 | 5,29+1 | 4,59+1 | 3,65+1 | 2,83+1 | 1,83+1 | 2,89+0 | — | — |
| 63 | — | — | 5,80+0 | 4,06+1 | 6,17+1 | 5,53+1 | 4,92+1 | 3,45+1 | 2,14+1 | 3,28+0 | — | — |
| 65 | — | — | 7,58+0 | 4,42+1 | 6,97+1 | 6,51+1 | 6,58+1 | 4,13+1 | 2,44+1 | 3,61+0 | — | — |
| 67 | — | — | 8,85+0 | 3,32+1 | 5,85+1 | 6,14+1 | 9,01+1 | 4,13+1 | 2,11+1 | 2,82+0 | — | — |
| 69 | — | — | 8,56+0 | 2,52+1 | 4,72+1 | 5,37+1 | 9,33+1 | 3,98+1 | 1,81+1 | 2,37+0 | — | — |
| 71 | — | — | 7,18+0 | 1,93+1 | 3,93+1 | 5,04+1 | 1,06+2 | 4,31+1 | 1,72+1 | 2,30+0 | 1,03+0 | — |
| 73 | 1,26+0 | 1,01+0 | 6,30+0 | 1,51+1 | 3,81+1 | 6,36+1 | 2,28+2 | 6,44+1 | 2,09+1 | 2,84+0 | 1,84+0 | 1,45+0 |
| 75 | 2,30+0 | 2,07+0 | 6,19+0 | 1,26+1 | 4,17+1 | 9,63+1 | 6,14+2 | 1,13+2 | 3,12+1 | 4,49+0 | 3,62+0 | 2,85+0 |
| 80 | 1,03+1 | 1,23+1 | 1,67+1 | 2,04+1 | 7,78+1 | 2,20+2 | 1,22+3 | 2,86+2 | 9,92+1 | 2,47+1 | 2,25+1 | 1,54+1 |
| 85 | 4,63+1 | 9,22+1 | 1,75+2 | 2,02+2 | 5,05+2 | 1,05+3 | 3,70+3 | 1,26+3 | 6,29+2 | 2,64+2 | 2,25+2 | 1,05+2 |
| 90 | 2,37+2 | 7,41+2 | 2,13+3 | 2,66+3 | 4,02+3 | 5,79+3 | 1,43+4 | 6,09+3 | 4,30+3 | 2,88+3 | 2,29+3 | 7,69+2 |
| 95 | 1,68+3 | 5,22+3 | 1,49+4 | 1,86+4 | 2,21+4 | 2,62+4 | 4,83+4 | 2,62+4 | 2,21+4 | 1,86+4 | 1,49+4 | 5,22+3 |
| 105 | 2,52+3 | 8,15+3 | 2,41+4 | 3,03+4 | 3,90+4 | 5,02+4 | 1,23+5 | 5,02+4 | 3,90+4 | 3,03+4 | 2,41+4 | 8,15+3 |

Таблица 15 — Январь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,38+0 | 1,91+0 | 1,57+0 | 1,02+0 | — | — | — | — | — |
| 50 | — | — | — | 9,98+0 | 1,36+1 | 1,10+1 | 6,72+0 | — | — | — | — | — |
| 53 | — | — | 1,69+0 | 2,40+1 | 3,28+1 | 2,66+1 | 1,67+1 | 6,81+0 | 4,47+0 | — | — | — |
| 55 | — | — | 3,22+0 | 3,64+1 | 5,04+1 | 4,13+1 | 2,69+1 | 1,65+1 | 1,08+1 | 1,63+0 | — | — |
| 57 | — | — | 5,35+0 | 4,01+1 | 5,64+1 | 4,70+1 | 3,24+1 | 2,56+1 | 1,66+1 | 2,48+0 | — | — |
| 59 | — | — | 6,95+0 | 4,20+1 | 6,05+1 | 5,15+1 | 3,82+1 | 2,92+1 | 1,86+1 | 2,73+0 | — | — |
| 61 | — | — | 7,65+0 | 4,47+1 | 6,61+1 | 5,79+1 | 4,71+1 | 3,22+1 | 1,99+1 | 2,87+0 | — | — |
| 63 | — | — | 8,13+0 | 4,05+1 | 6,18+1 | 5,61+1 | 5,09+1 | 3,65+1 | 2,18+1 | 3,06+0 | — | — |
| 65 | — | — | 8,86+0 | 3,26+1 | 5,17+1 | 4,90+1 | 5,04+1 | 3,60+1 | 2,35+1 | 2,78+0 | — | — |
| 67 | — | — | 8,15+0 | 2,45+1 | 4,08+1 | 4,13+1 | 4,93+1 | 3,28+1 | 1,74+1 | 2,28+0 | — | — |
| 69 | — | — | 6,80+0 | 1,86+1 | 3,22+1 | 3,48+1 | 4,41+1 | 2,98+1 | 1,43+1 | 1,60+0 | — | — |
| 71 | 1,63+0 | — | 5,71+0 | 1,42+1 | 2,73+1 | 3,44+1 | 5,44+1 | 2,82+1 | 1,22+1 | 1,54+0 | — | — |
| 73 | 1,99+0 | — | 5,02+0 | 1,12+1 | 2,66+1 | 4,41+1 | 1,11+2 | 3,25+1 | 1,21+1 | 1,56+0 | — | — |
| 75 | 3,63+0 | 1,14+3 | 4,97+0 | 2,96+1 | 2,66+1 | 4,41+1 | 1,11+2 | 4,88+1 | 1,53+1 | 2,03+0 | 1,50+0 | 1,64+0 |
| 80 | 1,63+1 | 2,33+0 | 1,37+1 | 1,56+1 | 6,05+1 | 1,72+2 | 7,06+2 | 8,51+1 | 2,35+1 | 3,34+0 | 2,97+0 | 3,22+0 |
| 85 | 7,30+1 | 1,39+1 | 1,37+1 | 1,56+1 | 6,05+1 | 1,72+2 | 7,06+2 | 2,26+2 | 7,84+1 | 1,90+1 | 1,85+1 | 1,74+1 |
| 90 | 2,98+2 | 1,08+2 | 1,56+2 | 1,70+2 | 4,22+2 | 8,62+2 | 2,36+3 | 2,26+3 | 5,27+2 | 2,22+2 | 2,00+2 | 1,23+2 |
| 95 | 1,63+3 | 8,02+2 | 2,00+3 | 2,43+3 | 3,55+3 | 4,90+3 | 9,96+3 | 1,03+3 | 7,84+1 | 1,90+1 | 1,85+1 | 1,74+1 |
| 105 | 2,52+3 | 5,08+3 | 1,41+4 | 1,75+4 | 2,03+4 | 2,34+4 | 3,91+4 | 2,34+4 | 5,27+2 | 2,22+2 | 2,00+2 | 1,23+2 |
| | | 7,94+3 | 2,29+4 | 2,86+4 | 3,61+4 | 4,53+4 | 1,02+5 | 4,53+4 | 3,79+3 | 2,63+3 | 2,15+3 | 8,32+2 |
| | | | | | | | | | 2,03+4 | 1,75+4 | 1,41+4 | 5,08+3 |
| | | | | | | | | | 3,60+4 | 2,86+4 | 2,29+4 | 7,94+3 |

Таблица 16 — Январь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,31+0 | 1,81+0 | 1,49+0 | — | — | — | — | — | — |
| 50 | — | — | — | 3,91+0 | 5,33+0 | 4,20+0 | 2,63+0 | 2,72+0 | 1,75+0 | — | — | — |
| 53 | — | — | — | 1,08+1 | 1,48+1 | 1,20+1 | 7,54+0 | 7,54+0 | 4,88+0 | — | — | — |
| 55 | — | — | 1,17+0 | 2,44+1 | 3,38+1 | 2,77+1 | 1,80+1 | 1,72+1 | 1,11+1 | 1,66+0 | — | — |
| 57 | — | — | 3,27+0 | 3,33+1 | 4,69+1 | 3,91+1 | 2,69+1 | 2,44+1 | 1,54+1 | 2,27+0 | — | — |
| 59 | — | — | 5,41+0 | 4,00+1 | 5,76+1 | 4,91+1 | 3,64+1 | 3,07+1 | 1,90+1 | 2,73+0 | — | — |
| 61 | — | — | 6,94+0 | 4,80+1 | 7,10+1 | 6,22+1 | 5,06+1 | 3,92+1 | 2,34+1 | 3,28+0 | — | — |
| 63 | — | — | 8,02+0 | 4,81+1 | 7,35+1 | 6,66+1 | 6,06+1 | 4,26+1 | 2,44+1 | 3,31+0 | — | — |
| 65 | — | — | 9,96+0 | 4,20+1 | 6,66+1 | 6,30+1 | 6,50+1 | 4,14+1 | 2,23+1 | 2,92+0 | — | — |
| 67 | — | — | 9,89+0 | 3,15+1 | 5,32+1 | 5,41+1 | 6,76+1 | 3,79+1 | 1,84+1 | 2,28+0 | — | — |
| 69 | — | — | 8,55+0 | 2,39+1 | 4,18+1 | 4,51+1 | 6,08+1 | 3,50+1 | 1,54+1 | 1,91+0 | — | — |
| 71 | 1,09+0 | — | 7,14+0 | 1,83+1 | 3,53+1 | 4,39+1 | 7,48+1 | 3,93+1 | 1,49+1 | 1,85+0 | — | — |
| 73 | 1,99+0 | 1,15+0 | 6,20+0 | 1,42+1 | 3,43+1 | 5,63+1 | 1,64+2 | 5,90+1 | 1,82+1 | 2,26+0 | 1,56+0 | 1,65+0 |
| 75 | 3,63+0 | 2,36+0 | 5,93+0 | 1,17+1 | 3,75+1 | 8,68+1 | 4,59+2 | 1,04+2 | 2,72+1 | 3,56+0 | 3,05+0 | 3,25+0 |
| 80 | 1,63+1 | 1,40+1 | 1,44+1 | 1,69+1 | 6,70+1 | 1,94+2 | 9,25+2 | 2,53+2 | 8,43+1 | 1,95+1 | 1,89+1 | 1,76+1 |
| 85 | 7,30+1 | 1,09+2 | 1,59+2 | 1,74+2 | 4,42+2 | 9,25+2 | 2,77+3 | 1,10+3 | 5,51+2 | 2,26+2 | 2,04+2 | 1,24+2 |
| 90 | 2,98+2 | 8,09+2 | 2,04+3 | 2,47+3 | 3,65+3 | 5,08+3 | 1,06+4 | 5,34+3 | 3,89+3 | 2,68+3 | 2,19+3 | 8,40+2 |
| 95 | 1,68+3 | 5,13+3 | 1,44+4 | 1,79+4 | 2,03+4 | 2,31+4 | 3,62+4 | 2,31+4 | 2,03+4 | 1,79+4 | 1,44+4 | 5,13+3 |
| 105 | 2,52+3 | 8,01+3 | 2,33+4 | 2,92+4 | 3,60+4 | 4,43+4 | 9,30+4 | 4,43+4 | 3,60+4 | 2,92+4 | 2,33+4 | 8,01+3 |

Таблица 17 — Январь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,68+0 | 2,33+0 | 1,93+0 | 1,27+0 | 1,23+0 | — | — | ✓ | — |
| 50 | — | — | — | 1,23+1 | 1,67+1 | 1,36+1 | 8,43+0 | 8,54+0 | 6,01+0 | 1,01+0 | ✓ | — |
| 53 | — | — | 2,14+0 | 2,82+1 | 3,87+1 | 3,16+1 | 2,00+1 | 1,98+1 | 1,39+1 | 2,33+0 | ✓ | — |
| 55 | — | — | 4,01+0 | 4,09+1 | 5,68+1 | 4,69+1 | 3,09+1 | 2,94+1 | 2,04+1 | 3,38+0 | ✓ | — |
| 57 | — | — | 6,37+0 | 4,52+1 | 6,38+1 | 5,35+1 | 3,73+1 | 3,37+1 | 2,29+1 | 3,74+0 | ✓ | — |
| 59 | — | — | 8,17+0 | 4,73+1 | 6,82+1 | 5,85+1 | 4,39+1 | 3,71+1 | 2,45+1 | 3,92+0 | ✓ | — |
| 61 | — | — | 8,96+0 | 4,89+1 | 7,24+1 | 6,38+1 | 5,26+1 | 4,09+1 | 2,61+1 | 4,06+0 | ✓ | — |
| 63 | — | — | 9,47+0 | 4,13+1 | 6,32+1 | 5,77+1 | 5,31+1 | 3,79+1 | 2,29+1 | 3,44+0 | ✓ | — |
| 65 | — | — | 9,87+0 | 2,99+1 | 4,75+1 | 4,56+1 | 4,72+1 | 3,16+1 | 1,76+1 | 2,54+0 | ✓ | — |
| 67 | — | — | 8,35+0 | 2,24+1 | 3,69+1 | 3,72+1 | 4,15+1 | 2,82+1 | 1,42+1 | 2,00+0 | ✓ | — |
| 69 | 1,02+0 | — | 6,64+0 | 1,71+1 | 2,91+1 | 3,16+1 | 3,69+1 | 2,73+1 | 1,22+1 | 1,71+0 | ✓ | 1,15+0 |
| 71 | 1,87+0 | — | 5,60+0 | 1,31+1 | 2,54+1 | 3,31+1 | 5,05+1 | 3,35+1 | 1,26+1 | 1,73+0 | ✓ | 2,27+0 |
| 73 | 3,40+0 | 1,58+0 | 4,99+0 | 1,03+1 | 2,49+1 | 4,34+1 | 1,01+2 | 5,08+1 | 1,61+1 | 2,24+0 | 1,70+0 | 4,46+0 |
| 75 | 6,20+0 | 3,23+0 | 5,07+0 | 8,87+0 | 2,34+1 | 6,85+1 | 2,57+2 | 8,84+1 | 2,49+1 | 3,68+0 | 3,39+1 | 2,41+1 |
| 80 | 2,78+1 | 1,92+1 | 1,53+1 | 1,64+1 | 6,28+1 | 1,76+2 | 6,02+2 | 2,32+2 | 8,35+1 | 2,09+1 | 2,12+2 | 1,71+2 |
| 85 | 1,25+2 | 1,49+2 | 1,78+2 | 1,85+2 | 4,46+2 | 8,79+2 | 2,03+3 | 1,05+3 | 5,58+2 | 2,43+2 | 2,28+3 | 1,17+3 |
| 90 | 5,24+2 | 1,12+3 | 2,28+3 | 2,64+3 | 3,72+3 | 4,93+3 | 8,62+3 | 5,19+3 | 3,97+3 | 2,86+3 | 2,45+4 | 6,43+3 |
| 95 | 2,44+3 | 6,43+3 | 1,53+4 | 1,91+4 | 2,11+4 | 2,34+4 | 3,36+4 | 2,31+4 | 2,11+4 | 1,91+4 | 1,58+4 | 9,93+3 |
| 105 | 3,58+3 | 9,93+3 | 2,55+4 | 3,11+4 | 3,75+4 | 4,52+4 | 8,79+4 | 4,52+4 | 3,75+4 | 3,11+4 | 2,55+4 | — |

Таблица 18 — Январь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,62+0 | 2,25+0 | 1,85+0 | 1,22+0 | 1,19+0 | — | — | — | — |
| 50 | — | — | — | 4,74+0 | 6,47+0 | 5,25+0 | 3,26+0 | 3,36+0 | 2,32+0 | — | — | — |
| 53 | — | — | — | 1,20+1 | 1,65+1 | 1,35+1 | 8,53+0 | 8,56+0 | 5,92+0 | — | — | — |
| 55 | — | — | 1,37+0 | 2,62+1 | 3,64+1 | 3,01+1 | 1,98+1 | 1,90+1 | 1,31+1 | 2,17+0 | — | — |
| 57 | — | — | 3,71+0 | 3,69+1 | 5,21+1 | 4,37+1 | 3,05+1 | 2,77+1 | 1,87+1 | 3,06+0 | — | — |
| 59 | — | — | 6,21+0 | 4,49+1 | 6,48+1 | 5,55+1 | 4,17+1 | 3,53+1 | 2,33+1 | 3,72+0 | — | — |
| 61 | — | — | 8,06+0 | 5,28+1 | 7,82+1 | 6,90+1 | 5,69+1 | 4,41+1 | 2,82+1 | 4,38+0 | — | — |
| 63 | — | — | 9,36+0 | 4,96+1 | 7,59+1 | 6,93+1 | 6,38+1 | 4,52+1 | 2,75+1 | 4,14+0 | — | — |
| 65 | — | — | 1,12+1 | 3,91+1 | 6,21+1 | 5,93+1 | 6,17+1 | 4,02+1 | 2,28+1 | 3,30+0 | — | — |
| 67 | — | — | 1,03+1 | 2,93+1 | 4,88+1 | 4,94+1 | 5,83+1 | 3,61+1 | 1,85+1 | 2,57+0 | — | — |
| 69 | 1,02+0 | — | 8,44+0 | 2,23+1 | 3,83+1 | 4,14+1 | 5,15+1 | 3,40+1 | 1,56+1 | 2,15+0 | — | — |
| 71 | 1,87+0 | — | 7,08+0 | 1,70+1 | 3,31+1 | 4,23+1 | 6,93+1 | 4,04+1 | 1,55+1 | 2,08+0 | 1,01+0 | 1,17+0 |
| 73 | 3,40+0 | 1,61+0 | 6,20+0 | 1,33+1 | 3,24+1 | 5,53+1 | 1,49+2 | 6,15+1 | 1,92+1 | 2,53+0 | 1,79+0 | 2,30+0 |
| 75 | 6,20+0 | 3,28+0 | 6,08+0 | 1,12+1 | 3,61+1 | 8,67+1 | 4,04+2 | 1,08+2 | 2,91+1 | 3,96+0 | 3,51+0 | 4,52+0 |
| 80 | 2,78+1 | 1,95+1 | 1,62+1 | 1,79+1 | 7,01+1 | 2,00+2 | 8,03+2 | 2,63+2 | 9,08+1 | 2,16+1 | 2,18+1 | 2,45+1 |
| 85 | 1,25+2 | 1,52+2 | 1,83+2 | 1,91+2 | 4,73+2 | 9,57+2 | 2,44+3 | 1,14+3 | 5,91+2 | 2,50+2 | 2,34+2 | 1,73+2 |
| 90 | 5,24+2 | 1,14+3 | 2,34+3 | 2,72+3 | 3,87+3 | 5,19+3 | 9,40+3 | 5,46+3 | 4,13+3 | 2,95+3 | 2,51+3 | 1,18+3 |
| 95 | 2,44+3 | 6,52+3 | 1,62+4 | 1,97+4 | 2,14+4 | 3,34+4 | 3,18+4 | 2,34+4 | 2,14+4 | 1,97+4 | 1,62+4 | 6,52+3 |
| 105 | 3,58+3 | 1,01+4 | 2,62+4 | 3,21+4 | 3,79+4 | 4,48+4 | 8,11+4 | 4,48+4 | 3,79+4 | 3,21+4 | 2,62+4 | 1,01+4 |

Таблица 19 — Январь, $\bar{W}=10$, $\varphi=40^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h f, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,35+0 | 1,86+0 | 1,53+0 | — | — | — | — | — | — |
| 50 | — | — | — | 9,74+0 | 1,33+1 | 1,07+1 | 6,54+0 | 6,62+0 | 4,33+0 | — | — | — |
| 53 | — | — | 1,65+0 | 2,35+1 | 3,22+1 | 2,61+1 | 1,63+1 | 1,61+1 | 1,05+1 | 1,58+0 | — | — |
| 55 | — | — | 3,15+0 | 3,59+1 | 4,97+1 | 4,07+1 | 2,64+1 | 2,52+1 | 1,62+1 | 2,42+0 | — | — |
| 57 | — | — | 5,27+0 | 3,95+1 | 5,56+1 | 4,63+1 | 3,18+1 | 2,88+1 | 1,82+1 | 2,66+0 | — | — |
| 59 | — | — | 6,86+0 | 4,15+1 | 5,96+1 | 5,07+1 | 3,76+1 | 3,17+1 | 1,95+1 | 2,80+0 | — | — |
| 61 | — | — | 7,55+0 | 4,42+1 | 6,53+1 | 5,72+1 | 4,65+1 | 3,60+1 | 2,15+1 | 2,99+0 | — | — |
| 63 | — | — | 8,02+0 | 4,04+1 | 6,16+1 | 5,58+1 | 5,07+1 | 3,59+1 | 2,03+1 | 2,74+0 | — | — |
| 65 | — | — | 8,78+0 | 3,23+1 | 5,21+1 | 4,94+1 | 5,07+1 | 3,30+1 | 1,75+1 | 2,27+0 | — | — |
| 67 | — | — | 8,15+0 | 2,47+1 | 4,13+1 | 4,18+1 | 5,03+1 | 3,01+1 | 1,44+1 | 1,75+0 | — | — |
| 69 | — | — | 6,85+0 | 1,87+1 | 3,25+1 | 3,52+1 | 4,51+1 | 2,85+1 | 1,23+1 | 1,54+0 | — | — |
| 71 | 1,08+0 | — | 5,75+0 | 1,43+1 | 2,76+1 | 3,47+1 | 5,51+1 | 3,27+1 | 1,22+1 | 1,57+0 | — | — |
| 73 | 1,97+0 | 1,14+0 | 5,06+0 | 1,13+1 | 2,68+1 | 4,45+1 | 1,13+2 | 4,91+1 | 1,54+1 | 2,04+0 | 1,51+0 | 1,64+0 |
| 75 | 3,59+0 | 2,33+0 | 5,00+0 | 9,47+0 | 2,98+1 | 6,91+1 | 2,96+2 | 8,58+1 | 2,37+1 | 3,38+0 | 3,00+0 | 3,21+0 |
| 80 | 1,61+1 | 1,39+1 | 1,33+1 | 1,57+1 | 6,11+1 | 1,74+2 | 7,18+2 | 2,28+2 | 7,92+1 | 1,92+1 | 1,87+1 | 1,74+1 |
| 85 | 7,21+1 | 1,08+2 | 1,57+2 | 1,72+2 | 4,26+2 | 8,71+2 | 2,40+3 | 1,04+3 | 5,32+2 | 2,24+2 | 2,02+2 | 1,23+2 |
| 90 | 2,97+2 | 8,03+2 | 2,02+3 | 2,45+3 | 3,55+3 | 4,95+3 | 1,01+4 | 5,21+3 | 3,82+3 | 2,65+3 | 2,17+3 | 8,33+2 |
| 95 | 1,68+3 | 5,11+3 | 1,43+4 | 1,77+4 | 2,05+4 | 2,37+4 | 3,97+4 | 2,37+4 | 2,05+4 | 1,77+4 | 1,43+4 | 5,11+3 |
| 105 | 2,52+3 | 7,97+3 | 2,31+4 | 2,89+4 | 3,64+4 | 4,58+4 | 1,04+5 | 4,58+4 | 3,64+4 | 2,89+4 | 2,31+4 | 7,97+3 |

Таблица 20 — Январь, $\bar{W}=100$, $\varphi=40^\circ$, с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 161,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 61,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и λ, φ | | | | | | | | | | | |
| | 0,0 | 4,5 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,5 |
| 45 | — | — | — | 1,27+0 | 1,76+0 | 1,45+0 | — | — | — | — | — | — |
| 50 | — | — | — | 3,82+0 | 5,21+0 | 4,20+0 | 2,57+0 | 2,65+0 | 1,70+0 | — | — | — |
| 53 | — | — | — | 1,07+1 | 1,47+1 | 1,19+1 | 7,43+0 | 7,44+0 | 4,80+0 | — | — | — |
| 55 | — | — | 1,15+0 | 2,42+1 | 3,35+1 | 2,75+1 | 1,78+1 | 1,71+1 | 1,10+1 | 1,63+0 | — | — |
| 57 | — | — | 3,24+0 | 3,29+1 | 4,64+1 | 3,86+1 | 2,65+1 | 2,41+1 | 1,52+1 | 2,22+0 | — | — |
| 58 | — | — | 5,36+0 | 3,95+1 | 5,68+1 | 4,84+1 | 3,58+1 | 3,03+1 | 1,86+1 | 2,67+0 | — | — |
| 59 | — | — | 6,86+0 | 4,75+1 | 7,01+1 | 6,14+1 | 4,99+1 | 3,86+1 | 2,30+1 | 3,21+0 | — | — |
| 61 | — | — | 7,91+0 | 4,79+1 | 7,31+1 | 6,62+1 | 6,02+1 | 4,23+1 | 2,41+1 | 3,25+0 | — | — |
| 63 | — | — | 9,86+0 | 4,23+1 | 6,71+1 | 6,34+1 | 6,53+1 | 4,16+1 | 2,24+1 | 2,91+0 | — | — |
| 65 | — | — | 9,88+0 | 3,18+1 | 5,37+1 | 5,46+1 | 6,88+1 | 3,82+1 | 1,84+1 | 2,27+0 | — | — |
| 67 | — | — | 8,59+0 | 2,41+1 | 4,22+1 | 4,56+1 | 6,20+1 | 3,54+1 | 1,55+1 | 1,91+0 | — | — |
| 69 | — | — | 7,18+0 | 1,84+1 | 3,56+1 | 4,43+1 | 7,57+1 | 3,95+1 | 1,50+1 | 1,85+0 | — | — |
| 71 | 1,08+0 | — | 6,23+0 | 1,43+1 | 3,46+1 | 5,67+1 | 1,66+2 | 5,94+1 | 1,83+1 | 2,27+0 | 1,58+0 | 1,65+0 |
| 73 | 1,97+0 | 1,15+0 | 6,23+0 | 1,43+1 | 3,46+1 | 8,75+1 | 4,66+2 | 1,04+2 | 2,74+1 | 3,59+0 | 3,08+0 | 3,24+0 |
| 75 | 3,59+0 | 2,35+0 | 5,96+0 | 1,18+1 | 3,79+1 | 8,75+1 | 4,66+2 | 1,04+2 | 2,74+1 | 3,59+0 | 3,08+0 | 3,24+0 |
| 80 | 1,61+1 | 1,40+1 | 1,45+1 | 1,71+1 | 6,76+1 | 1,96+2 | 9,40+2 | 2,55+2 | 8,51+1 | 1,97+1 | 1,91+1 | 1,76+1 |
| 85 | 7,21+1 | 1,09+2 | 1,60+2 | 1,75+2 | 4,47+2 | 9,34+2 | 2,81+3 | 1,11+3 | 5,57+2 | 2,29+2 | 2,06+2 | 1,24+2 |
| 90 | 2,97+2 | 8,10+2 | 2,05+3 | 2,50+3 | 3,68+3 | 5,13+3 | 1,08+4 | 5,40+3 | 3,93+3 | 2,70+3 | 2,21+3 | 8,41+2 |
| 95 | 1,68+3 | 5,15+3 | 1,45+4 | 1,80+4 | 2,57+4 | 2,33+4 | 3,68+4 | 2,33+4 | 2,05+4 | 1,80+4 | 1,45+4 | 5,15+3 |
| 105 | 2,52+3 | 8,04+3 | 2,35+4 | 2,95+4 | 3,63+4 | 4,48+4 | 9,45+4 | 4,48+4 | 3,63+4 | 2,95+4 | 2,35+4 | 8,04+3 |

Таблица 21 — Январь, $\bar{W}=10$, $\varphi=45^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t , ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 1,57+0 | 2,15+0 | 1,77+0 | 1,26+0 | 1,23+0 | — | — | — | — |
| 50 | — | — | — | 1,15+1 | 1,53+1 | 1,24+1 | 8,35+0 | 8,48+0 | 6,05+0 | 1,00+0 | — | — |
| 53 | — | — | 1,98+0 | 2,64+1 | 3,56+1 | 2,89+1 | 1,99+1 | 1,98+1 | 1,40+1 | 2,31+0 | — | — |
| 55 | — | — | 3,71+0 | 3,84+1 | 5,24+1 | 4,32+1 | 3,07+1 | 2,95+1 | 2,07+1 | 3,36+0 | — | — |
| 57 | — | — | 5,90+0 | 4,24+1 | 5,90+1 | 4,95+1 | 3,70+1 | 3,40+1 | 2,33+1 | 3,71+0 | — | — |
| 59 | — | — | 7,58+0 | 4,44+1 | 6,34+1 | 5,46+1 | 4,37+1 | 3,77+1 | 2,51+1 | 3,89+0 | — | — |
| 61 | — | — | 8,33+0 | 4,59+1 | 6,77+1 | 6,03+1 | 5,24+1 | 4,20+1 | 2,68+1 | 4,03+0 | — | — |
| 63 | — | — | 8,82+0 | 3,89+1 | 5,96+1 | 5,54+1 | 5,29+1 | 3,93+1 | 2,38+1 | 3,43+0 | — | — |
| 65 | — | — | 9,22+0 | 2,83+1 | 4,53+1 | 4,45+1 | 4,73+1 | 3,30+1 | 1,84+1 | 2,53+0 | — | — |
| 67 | — | — | 7,86+0 | 2,12+1 | 3,54+1 | 3,67+1 | 4,18+1 | 2,94+1 | 1,49+1 | 1,99+0 | — | — |
| 69 | — | — | 6,27+0 | 1,61+1 | 2,81+1 | 3,13+1 | 3,71+1 | 2,81+1 | 1,28+1 | 1,71+0 | — | — |
| 71 | 1,73+0 | — | 5,31+0 | 1,24+1 | 2,50+1 | 3,38+1 | 5,05+1 | 3,47+1 | 1,33+1 | 1,71+0 | — | 1,11+0 |
| 73 | 3,16+0 | 1,55+0 | 4,75+0 | 9,80+0 | 2,53+1 | 4,65+1 | 1,01+2 | 5,41+1 | 1,72+1 | 2,20+0 | 1,66+0 | 2,18+0 |
| 75 | 5,75+0 | 3,14+0 | 4,85+0 | 8,43+0 | 3,00+1 | 7,75+1 | 2,58+2 | 9,79+1 | 2,71+1 | 3,60+0 | 3,29+0 | 4,28+0 |
| 80 | 2,58+1 | 1,85+1 | 1,48+1 | 1,58+1 | 6,74+1 | 1,98+2 | 6,05+2 | 2,54+2 | 8,90+1 | 2,03+1 | 2,05+1 | 2,30+1 |
| 85 | 1,16+2 | 1,41+2 | 1,72+2 | 1,80+2 | 4,66+2 | 9,49+2 | 2,04+3 | 1,11+3 | 5,77+2 | 2,36+2 | 2,21+2 | 1,63+2 |
| 90 | 4,84+2 | 1,03+3 | 2,19+3 | 2,57+3 | 3,78+3 | 5,17+3 | 8,66+3 | 5,41+3 | 4,02+3 | 2,79+3 | 2,36+3 | 1,07+3 |
| 95 | 2,30+3 | 5,93+3 | 1,52+4 | 1,86+4 | 2,11+4 | 2,40+4 | 3,37+4 | 2,40+4 | 2,11+4 | 1,86+4 | 1,52+4 | 5,93+3 |
| 102 | 3,39+3 | 9,15+3 | 2,46+4 | 3,03+4 | 3,82+4 | 4,80+4 | 8,83+4 | 4,80+4 | 3,82+4 | 3,03+4 | 2,46+4 | 9,15+3 |

Таблица 22 — Январь, $\bar{W}=100$, $\varphi=45^\circ$ с ш, $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 1,51+0 | 2,06+0 | 1,70+0 | 1,21+0 | 1,18+0 | — | — | — | — |
| 50 | — | — | — | 4,43+0 | 5,93+0 | 4,80+0 | 3,23+0 | 3,34+0 | 2,34+0 | — | — | — |
| 53 | — | — | — | 1,13+1 | 1,52+1 | 1,24+1 | 8,48+0 | 8,54+0 | 6,00+0 | — | — | — |
| 55 | — | — | 1,28+0 | 2,47+1 | 3,37+1 | 2,77+1 | 1,97+1 | 1,91+1 | 1,33+1 | 2,16+0 | — | — |
| 57 | — | — | 3,44+0 | 3,47+1 | 4,82+1 | 4,05+1 | 3,03+1 | 2,79+1 | 1,91+1 | 3,03+0 | — | — |
| 59 | — | — | 5,77+0 | 4,22+1 | 6,01+1 | 5,19+1 | 4,14+1 | 3,59+1 | 2,38+1 | 3,69+0 | — | — |
| 61 | — | — | 7,50+0 | 4,96+1 | 7,31+1 | 6,51+1 | 5,65+1 | 4,53+1 | 2,90+1 | 4,35+0 | — | — |
| 63 | — | — | 8,72+0 | 4,67+1 | 7,16+1 | 6,64+1 | 6,36+1 | 4,69+1 | 2,85+1 | 4,12+0 | — | — |
| 65 | — | — | 1,04+1 | 3,69+1 | 5,92+1 | 5,79+1 | 6,18+1 | 4,23+1 | 2,39+1 | 3,29+0 | — | — |
| 67 | — | — | 9,63+0 | 2,77+1 | 4,69+1 | 4,89+1 | 5,85+1 | 3,81+1 | 1,95+1 | 2,57+0 | — | — |
| 69 | — | — | 7,97+0 | 2,11+1 | 3,71+1 | 4,13+1 | 5,17+1 | 3,55+1 | 1,64+1 | 2,14+0 | — | — |
| 71 | 1,73+0 | — | 6,70+0 | 1,61+1 | 3,26+1 | 4,35+1 | 6,94+1 | 4,25+1 | 1,65+1 | 2,06+0 | — | 1,13+0 |
| 73 | 3,16+0 | 1,57+0 | 5,90+0 | 1,26+1 | 3,30+1 | 6,01+1 | 1,49+2 | 6,69+1 | 2,03+1 | 2,49+0 | 1,74+0 | 2,21+0 |
| 75 | 5,75+0 | 3,19+0 | 5,80+0 | 1,06+1 | 3,85+1 | 1,00+2 | 4,06+2 | 1,23+2 | 3,20+1 | 3,87+0 | 3,41+0 | 4,34+0 |
| 80 | 2,58+1 | 1,87+1 | 1,57+1 | 1,72+1 | 7,57+1 | 2,29+2 | 8,06+2 | 2,93+2 | 9,75+1 | 2,10+1 | 2,11+1 | 2,33+1 |
| 85 | 1,16+2 | 1,43+2 | 1,77+2 | 1,86+2 | 4,96+3 | 1,04+3 | 2,45+3 | 1,22+3 | 6,14+2 | 2,43+2 | 2,27+2 | 1,62+2 |
| 90 | 4,84+2 | 1,05+3 | 2,25+3 | 2,65+3 | 3,94+3 | 5,46+3 | 9,43+3 | 5,71+3 | 4,19+3 | 2,87+3 | 2,42+3 | 1,08+3 |
| 95 | 2,30+3 | 6,01+3 | 1,56+4 | 1,91+4 | 2,14+4 | 2,38+4 | 3,19+4 | 2,38+4 | 2,14+4 | 1,91+4 | 1,56+4 | 6,01+3 |
| 105 | 3,39+3 | 9,27+3 | 2,53+4 | 3,12+4 | 3,84+4 | 4,71+4 | 8,14+4 | 4,71+4 | 3,84+4 | 3,12+4 | 2,53+4 | 9,27+3 |

Т а б л и ц а 23 — Январь, $\overline{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f_oF_2 | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 2,38+0 | 3,26+0 | 2,71+0 | 1,94+0 | 1,96+0 | 1,43+0 | — | — | — |
| 50 | — | — | 1,34+0 | 1,74+1 | 2,34+1 | 1,90+1 | 1,29+1 | 1,33+1 | 1,03+1 | 2,01+0 | — | — |
| 53 | — | — | 3,72+0 | 3,91+1 | 5,28+1 | 4,32+1 | 3,00+1 | 3,02+1 | 2,32+1 | 4,50+0 | — | — |
| 55 | — | — | 6,88+0 | 5,53+1 | 7,56+1 | 6,28+1 | 4,50+1 | 4,39+1 | 3,33+1 | 6,37+0 | — | — |
| 57 | — | — | 1,07+1 | 6,11+1 | 8,53+1 | 7,22+1 | 5,44+1 | 5,10+1 | 3,75+1 | 7,05+0 | — | — |
| 59 | — | — | 1,36+1 | 6,40+1 | 9,16+1 | 7,97+1 | 6,41+1 | 5,70+1 | 4,04+1 | 7,39+0 | — | — |
| 61 | 1,19+0 | — | 1,49+1 | 6,51+1 | 9,62+1 | 8,68+1 | 7,56+1 | 6,33+1 | 4,27+1 | 7,54+0 | — | — |
| 63 | 2,16+0 | — | 1,59+1 | 5,06+1 | 7,78+1 | 7,38+1 | 7,02+1 | 5,67+1 | 3,50+1 | 5,93+0 | — | — |
| 65 | 3,94+0 | — | 1,58+1 | 3,28+1 | 5,30+1 | 5,41+1 | 5,58+1 | 4,66+1 | 2,49+1 | 3,99+0 | 1,12+0 | 1,08+0 |
| 67 | 7,17+0 | 1,35+0 | 1,23+1 | 2,47+1 | 4,10+1 | 4,50+1 | 4,53+1 | 4,43+1 | 2,10+1 | 3,31+0 | 2,10+0 | 2,13+0 |
| 69 | 1,31+1 | 2,74+0 | 9,47+0 | 1,89+1 | 3,34+1 | 4,14+1 | 4,00+1 | 4,71+1 | 2,01+1 | 3,18+0 | 1,74+0 | 4,16+0 |
| 71 | 2,38+1 | 5,57+0 | 8,45+0 | 1,50+1 | 3,22+1 | 5,22+1 | 6,01+1 | 6,66+1 | 2,48+1 | 3,85+0 | 3,11+0 | 8,16+0 |
| 73 | 4,34+1 | 1,13+1 | 8,53+0 | 1,28+1 | 3,67+1 | 8,01+1 | 1,17+2 | 1,09+2 | 3,73+1 | 6,01+0 | 6,14+0 | 1,60+1 |
| 75 | 7,90+1 | 2,30+1 | 1,10+1 | 1,32+1 | 5,17+1 | 1,44+2 | 2,82+2 | 2,01+2 | 6,51+1 | 1,12+1 | 1,26+1 | 3,13+1 |
| 80 | 3,54+2 | 1,35+2 | 5,39+1 | 1,63+1 | 1,66+2 | 4,02+2 | 6,29+2 | 5,24+2 | 2,34+2 | 6,89+1 | 8,02+1 | 1,68+2 |
| 85 | 1,59+3 | 1,02+3 | 6,54+2 | 5,97+2 | 1,21+3 | 1,95+3 | 2,17+3 | 2,28+3 | 1,51+3 | 7,87+2 | 8,42+2 | 1,16+3 |
| 90 | 7,10+3 | 7,64+3 | 8,23+3 | 8,36+3 | 9,66+3 | 1,04+4 | 9,23+3 | 1,19+4 | 1,03+4 | 9,05+3 | 8,84+3 | 7,92+3 |
| 95 | 2,48+4 | 3,70+4 | 5,49+4 | 5,97+4 | 5,34+4 | 4,78+4 | 3,56+4 | 4,78+4 | 5,34+4 | 5,97+4 | 5,49+4 | 3,70+4 |
| 105 | 3,50+4 | 5,57+4 | 8,84+4 | 9,75+4 | 9,65+4 | 9,55+4 | 9,29+4 | 9,55+4 | 9,65+4 | 9,75+4 | 8,84+4 | 5,57+4 |

Таблица 24 — Январь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f_oF_2 , ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 2,31+0 | 3,17+0 | 2,63+0 | 1,88+0 | 1,91+0 | 1,39+0 | — | — | — |
| 50 | — | — | — | 6,69+0 | 8,98+0 | 7,34+0 | 4,97+0 | 5,33+0 | 3,96+0 | — | — | — |
| 53 | — | — | 1,56+0 | 1,61+1 | 2,17+1 | 1,79+1 | 1,23+1 | 1,28+1 | 9,57+0 | 1,85+0 | — | — |
| 55 | — | — | 2,29+0 | 3,45+1 | 4,72+1 | 3,93+1 | 2,81+1 | 2,79+1 | 2,08+1 | 3,98+0 | — | — |
| 57 | — | — | 6,03+0 | 4,94+1 | 6,89+1 | 5,85+1 | 4,40+1 | 4,16+1 | 3,04+1 | 5,70+0 | — | — |
| 59 | — | — | 1,02+1 | 6,06+1 | 8,67+1 | 7,55+1 | 6,07+1 | 5,42+1 | 3,83+1 | 7,00+0 | — | — |
| 61 | 1,19+0 | — | 1,33+1 | 7,05+1 | 1,04+2 | 9,40+1 | 8,19+1 | 6,84+1 | 4,62+1 | 8,17+0 | — | — |
| 63 | 2,16+0 | — | 1,57+1 | 6,11+1 | 9,40+1 | 8,88+1 | 8,48+1 | 6,73+1 | 4,22+1 | 7,14+0 | — | — |
| 65 | 3,94+0 | — | 1,80+1 | 4,30+1 | 6,93+1 | 7,02+1 | 7,32+1 | 5,83+1 | 3,22+1 | 5,18+0 | 1,25+0 | 1,11+0 |
| 67 | 7,17+0 | 1,38+0 | 1,51+1 | 3,24+1 | 5,45+1 | 5,97+1 | 6,43+1 | 5,61+1 | 2,72+1 | 4,22+0 | 1,40+0 | 2,17+0 |
| 69 | 1,31+1 | 2,80+0 | 1,20+1 | 2,47+1 | 4,40+1 | 5,40+1 | 5,71+1 | 5,84+1 | 2,52+1 | 3,90+0 | 1,92+0 | 4,25+0 |
| 71 | 2,38+1 | 5,69+0 | 1,05+1 | 1,94+1 | 4,14+1 | 6,52+1 | 8,27+1 | 8,01+1 | 2,97+1 | 4,46+0 | 3,33+0 | 8,33+0 |
| 73 | 4,34+1 | 1,16+1 | 1,03+1 | 1,62+1 | 4,65+1 | 1,01+2 | 1,73+2 | 1,34+2 | 4,39+1 | 6,62+0 | 6,46+0 | 1,63+1 |
| 75 | 7,90+1 | 2,35+1 | 1,26+1 | 1,59+1 | 6,36+1 | 1,84+2 | 4,45+2 | 2,52+2 | 7,60+1 | 1,19+1 | 1,32+1 | 3,20+1 |
| 80 | 3,54+2 | 1,38+2 | 5,68+1 | 4,96+1 | 1,87+2 | 4,74+2 | 8,63+2 | 6,17+2 | 2,61+2 | 7,23+1 | 8,36+1 | 1,72+2 |
| 85 | 1,59+3 | 1,04+3 | 6,83+2 | 6,26+2 | 1,32+3 | 2,19+3 | 2,69+3 | 2,57+3 | 1,64+3 | 8,25+2 | 8,78+2 | 1,18+3 |
| 90 | 7,10+3 | 7,80+3 | 8,58+3 | 8,75+3 | 1,03+4 | 1,13+4 | 1,04+4 | 1,18+4 | 1,10+4 | 9,48+3 | 9,22+3 | 8,09+3 |
| 95 | 2,48+4 | 3,78+4 | 5,73+4 | 6,26+4 | 5,52+4 | 4,87+4 | 3,49+4 | 4,87+4 | 5,52+4 | 6,26+4 | 5,73+4 | 3,78+4 |
| 105 | 3,50+4 | 5,69+4 | 9,22+4 | 1,02+5 | 9,89+4 | 9,58+4 | 8,79+4 | 9,58+4 | 9,89+4 | 1,02+5 | 9,22+4 | 5,69+4 |

Таблица 25 — Январь, $\overline{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 1,51+0 | 2,06+0 | 1,69+0 | 1,20+0 | 1,17+0 | — | — | — | — |
| 50 | — | — | — | 1,10+1 | 1,47+1 | 1,18+1 | 7,96+0 | 8,08+0 | 5,66+0 | — | — | — |
| 53 | — | — | 1,85+0 | 2,55+1 | 3,43+1 | 2,78+1 | 1,91+1 | 1,90+1 | 1,32+1 | 2,11+0 | — | — |
| 55 | — | — | 3,48+0 | 3,74+1 | 5,10+1 | 4,19+1 | 2,97+1 | 2,86+1 | 1,97+1 | 3,10+0 | — | — |
| 57 | — | — | 5,58+0 | 4,12+1 | 5,73+1 | 4,81+1 | 3,59+1 | 3,29+1 | 2,22+1 | 3,42+0 | — | — |
| 59 | — | — | 7,19+0 | 4,32+1 | 6,16+1 | 5,30+1 | 4,23+1 | 3,63+1 | 2,38+1 | 3,58+0 | — | — |
| 61 | — | — | 7,91+0 | 4,50+1 | 6,62+1 | 5,89+1 | 5,10+1 | 4,08+1 | 2,57+1 | 3,74+0 | — | — |
| 63 | — | — | 8,38+0 | 3,87+1 | 5,92+1 | 5,49+1 | 5,24+1 | 3,87+1 | 2,31+1 | 3,23+0 | — | — |
| 65 | — | — | 8,86+0 | 2,87+1 | 4,61+1 | 4,50+1 | 4,79+1 | 3,31+1 | 1,82+1 | 2,44+0 | — | — |
| 67 | — | — | 7,68+0 | 2,16+1 | 3,61+1 | 3,74+1 | 4,32+1 | 2,94+1 | 1,48+1 | 1,92+0 | — | — |
| 69 | — | — | 6,19+0 | 1,64+1 | 2,86+1 | 3,18+1 | 3,84+1 | 2,78+1 | 1,26+1 | 1,63+0 | — | — |
| 71 | 1,31+0 | — | 5,23+0 | 1,26+1 | 2,52+1 | 3,36+1 | 5,10+1 | 3,36+1 | 1,29+1 | 1,62+0 | — | — |
| 73 | 2,39+0 | 1,28+0 | 4,64+0 | 9,90+0 | 2,54+1 | 4,57+1 | 1,03+2 | 5,20+1 | 1,64+1 | 2,05+0 | 1,49+0 | 1,80+0 |
| 75 | 4,36+0 | 2,59+0 | 4,66+0 | 8,41+0 | 2,97+1 | 7,55+1 | 2,64+2 | 9,40+1 | 2,56+1 | 3,31+0 | 2,96+0 | 3,53+0 |
| 80 | 1,95+1 | 1,52+1 | 1,34+1 | 1,48+1 | 6,39+1 | 1,90+2 | 6,26+2 | 2,44+2 | 8,33+1 | 1,85+1 | 1,84+1 | 1,89+1 |
| 85 | 8,76+1 | 1,16+2 | 1,54+2 | 1,65+2 | 4,37+2 | 9,12+2 | 2,11+3 | 1,07+3 | 5,41+2 | 2,16+2 | 1,98+2 | 1,32+2 |
| 90 | 3,58+2 | 8,41+2 | 1,97+3 | 2,36+3 | 3,55+3 | 4,98+3 | 8,91+3 | 5,22+3 | 3,78+3 | 2,56+3 | 2,12+3 | 8,72+2 |
| 95 | 1,87+3 | 5,09+3 | 1,38+4 | 1,71+4 | 1,99+4 | 2,32+4 | 3,48+4 | 2,32+4 | 1,99+4 | 1,71+4 | 1,38+4 | 5,09+3 |
| 105 | 2,78+3 | 7,91+3 | 2,24+4 | 2,79+4 | 3,60+4 | 4,63+4 | 9,11+4 | 4,63+4 | 3,60+4 | 2,79+4 | 2,24+4 | 7,91+3 |

Таблица 26 — Январь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 156,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 66,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h, км | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,0 | 7,5 | 8,1 | 8,6 | 12,0 | 15,3 | 15,8 | 16,5 | 17,0 | 19,5 |
| 45 | — | — | — | 1,45+0 | 1,97+0 | 1,62+0 | 1,15+0 | 1,12+0 | — | — | — | — |
| 50 | — | — | — | 4,25+0 | 5,69+0 | 4,59+0 | 3,08+0 | 3,18+0 | 2,20+0 | — | — | — |
| 53 | — | — | — | 1,10+1 | 1,48+1 | 1,20+1 | 8,24+0 | 8,28+0 | 5,72+0 | — | — | — |
| 55 | — | — | — | — | — | — | — | — | — | — | — | — |
| 57 | — | — | 1,21+0 | 2,42+1 | 3,30+1 | 2,72+1 | 1,93+1 | 1,86+1 | 1,28+1 | 2,01+0 | — | — |
| 59 | — | — | 3,29+0 | 3,38+1 | 4,70+1 | 3,94+1 | 2,94+1 | 2,71+1 | 1,82+1 | 2,80+0 | — | — |
| 61 | — | — | 5,50+0 | 4,10+1 | 5,85+1 | 5,04+1 | 4,02+1 | 3,47+1 | 2,26+1 | 3,41+0 | — | — |
| 63 | — | — | 7,13+0 | 4,85+1 | 7,15+1 | 6,36+1 | 5,51+1 | 4,40+1 | 2,77+1 | 4,03+0 | — | — |
| 65 | — | — | 8,28+0 | 4,64+1 | 7,10+1 | 6,58+1 | 6,29+1 | 4,61+1 | 2,76+1 | 3,87+0 | — | — |
| 67 | — | — | 1,00+1 | 3,75+1 | 5,00+1 | 5,85+1 | 6,25+1 | 4,23+1 | 2,36+1 | 3,17+0 | — | — |
| 69 | — | — | 9,40+0 | 2,82+1 | 4,77+1 | 4,98+1 | 6,03+1 | 3,81+1 | 1,93+1 | 2,46+0 | — | — |
| 71 | — | — | 7,85+0 | 2,14+1 | 3,77+1 | 4,18+1 | 5,33+1 | 3,52+1 | 1,62+1 | 2,05+0 | — | — |
| 73 | 1,31+0 | — | 6,59+0 | 1,63+1 | 3,29+1 | 4,33+1 | 7,00+1 | 4,12+1 | 1,60+1 | 1,94+0 | — | — |
| 75 | 2,39+0 | 1,29+0 | 5,76+0 | 1,27+1 | 3,32+1 | 5,93+1 | 1,52+2 | 6,44+1 | 1,99+1 | 2,32+0 | 1,57+0 | 1,82+0 |
| 80 | 4,36+0 | 2,62+0 | 5,58+0 | 1,06+1 | 3,81+1 | 9,80+1 | 4,16+2 | 1,18+2 | 3,03+1 | 3,56+0 | 3,06+0 | 3,57+0 |
| 85 | 1,95+1 | 1,54+1 | 1,42+1 | 1,61+1 | 7,17+1 | 2,20+2 | 8,29+2 | 2,80+2 | 9,10+1 | 1,91+1 | 1,89+1 | 1,92+1 |
| 90 | 8,76+1 | 1,18+2 | 1,58+2 | 1,70+2 | 4,64+2 | 9,98+2 | 2,51+3 | 1,17+3 | 5,74+2 | 2,22+2 | 2,03+2 | 1,33+2 |
| 95 | 3,58+2 | 8,51+2 | 2,02+3 | 2,42+3 | 3,69+3 | 5,23+3 | 9,65+3 | 5,48+3 | 3,92+3 | 2,63+3 | 2,17+3 | 8,83+2 |
| 99 | 1,87+3 | 5,15+3 | 1,42+4 | 1,75+4 | 2,01+4 | 2,29+4 | 3,27+4 | 2,29+4 | 2,01+4 | 1,75+4 | 1,42+4 | 5,15+3 |
| 105 | 2,78+3 | 8,00+3 | 2,29+4 | 2,86+4 | 3,60+4 | 4,53+4 | 8,37+4 | 4,53+4 | 3,60+4 | 2,86+4 | 2,29+4 | 8,00+3 |

Таблица 27 — Январь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,11+0 | 1,47+0 | 1,19+0 | — | — | — | — | — | — |
| 50 | — | — | — | 7,97+0 | 1,03+1 | 8,19+0 | 6,07+0 | 6,35+0 | 4,45+0 | — | — | — |
| 53 | — | — | 1,33+0 | 1,96+1 | 2,55+1 | 2,05+1 | 1,54+1 | 1,59+1 | 1,10+1 | 1,39+0 | — | — |
| 55 | — | — | 2,56+0 | 3,03+1 | 4,03+1 | 3,28+1 | 2,53+1 | 2,54+1 | 1,74+1 | 2,47+0 | — | — |
| 57 | — | — | 4,35+0 | 3,34+1 | 4,54+1 | 3,79+1 | 3,05+1 | 2,94+1 | 1,96+1 | 2,72+0 | — | — |
| 59 | — | — | 5,70+0 | 3,50+1 | 4,92+1 | 4,24+1 | 3,60+1 | 3,30+1 | 2,12+1 | 2,85+0 | — | — |
| 61 | — | — | 6,31+0 | 3,77+1 | 5,50+1 | 4,93+1 | 4,48+1 | 3,86+1 | 2,38+1 | 3,07+0 | — | — |
| 63 | — | — | 6,74+0 | 3,51+1 | 5,37+1 | 5,07+1 | 4,93+1 | 4,01+1 | 2,34+1 | 2,88+0 | — | — |
| 65 | — | — | 7,50+0 | 2,95+1 | 4,78+1 | 4,79+1 | 5,15+1 | 3,87+1 | 2,10+1 | 2,46+0 | — | — |
| 67 | — | — | 7,18+0 | 2,21+1 | 3,92+1 | 4,33+1 | 5,29+1 | 3,64+1 | 1,78+1 | 1,94+0 | — | — |
| 69 | — | — | 6,17+0 | 1,68+1 | 3,14+1 | 3,73+1 | 4,77+1 | 3,36+1 | 1,52+1 | 1,66+0 | — | — |
| 71 | 1,04+0 | — | 5,23+0 | 1,29+1 | 2,77+1 | 3,88+1 | 5,71+1 | 3,83+1 | 1,52+1 | 1,67+0 | — | — |
| 73 | 1,90+0 | 1,19+0 | 4,67+0 | 1,02+1 | 2,94+1 | 5,72+1 | 1,17+2 | 6,20+1 | 2,00+1 | 2,15+0 | 1,56+0 | 1,65+0 |
| 75 | 3,46+0 | 2,41+0 | 4,73+0 | 8,69+0 | 3,65+1 | 1,04+2 | 3,08+2 | 1,21+2 | 3,23+1 | 3,52+0 | 3,08+0 | 3,22+0 |
| 80 | 1,55+1 | 1,40+1 | 1,40+1 | 1,57+1 | 8,06+1 | 2,64+2 | 7,49+2 | 3,15+2 | 1,04+2 | 1,99+1 | 1,92+1 | 1,71+1 |
| 85 | 6,95+1 | 1,03+2 | 1,60+2 | 1,76+2 | 5,28+2 | 1,19+3 | 2,50+3 | 1,33+3 | 6,44+2 | 2,31+2 | 2,05+2 | 1,16+2 |
| 90 | 2,91+2 | 7,32+2 | 2,02+3 | 2,50+3 | 4,11+3 | 6,22+3 | 1,05+4 | 6,43+3 | 4,36+3 | 2,71+3 | 2,17+3 | 7,56+2 |
| 95 | 1,68+3 | 4,66+3 | 1,43+4 | 1,81+4 | 2,26+4 | 2,82+4 | 4,14+4 | 2,82+4 | 2,26+4 | 1,81+4 | 1,43+4 | 4,66+3 |
| 105 | 2,52+3 | 7,24+3 | 2,31+4 | 2,95+4 | 4,19+4 | 5,93+4 | 1,08+5 | 5,93+4 | 4,19+4 | 2,95+4 | 2,31+4 | 7,24+3 |

Таблица 28 — Январь, $\overline{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,04+0 | 1,38+0 | 1,12+0 | — | — | — | — | — | — |
| 50 | — | — | — | 3,15+0 | 4,07+0 | 3,24+0 | 2,40+0 | 2,54+0 | 1,76+0 | — | — | — |
| 53 | — | — | — | 9,10+0 | 1,19+1 | 9,53+0 | 7,16+0 | 7,43+0 | 5,13+0 | — | — | — |
| 55 | — | — | — | 2,08+1 | 2,76+1 | 2,25+1 | 1,74+1 | 1,74+0 | 1,19+1 | 1,69+0 | — | — |
| 57 | — | — | 2,73+0 | 2,80+1 | 3,81+1 | 3,18+1 | 2,56+1 | 2,47+1 | 1,64+1 | 2,28+0 | — | — |
| 59 | — | — | 4,50+0 | 3,35+1 | 4,69+1 | 4,05+1 | 3,44+1 | 3,15+1 | 2,03+1 | 2,73+0 | — | — |
| 61 | — | — | 5,76+0 | 4,03+1 | 5,89+1 | 5,29+1 | 4,81+1 | 4,14+1 | 2,55+1 | 3,29+0 | — | — |
| 63 | — | — | 6,65+0 | 4,14+1 | 6,35+1 | 5,99+1 | 5,89+1 | 4,72+1 | 2,76+1 | 3,40+0 | — | — |
| 65 | — | — | 8,39+0 | 3,77+1 | 6,11+1 | 6,12+1 | 6,59+1 | 4,89+1 | 2,68+1 | 3,13+0 | — | — |
| 67 | — | — | 8,65+0 | 2,83+1 | 5,09+1 | 5,68+1 | 7,18+1 | 4,71+1 | 2,28+1 | 2,44+0 | — | — |
| 69 | — | — | 7,68+0 | 2,15+1 | 4,08+1 | 4,89+1 | 6,55+1 | 4,30+1 | 1,93+1 | 2,04+0 | — | — |
| 71 | 1,04+0 | — | 6,48+0 | 1,64+1 | 3,58+1 | 5,03+1 | 7,85+1 | 4,81+1 | 1,89+1 | 1,97+0 | — | — |
| 73 | 1,90+0 | 1,20+0 | 5,69+0 | 1,29+1 | 3,82+1 | 7,55+1 | 1,72+2 | 7,93+1 | 2,44+1 | 2,39+0 | 1,62+0 | 1,66+0 |
| 75 | 3,46+0 | 2,43+0 | 5,58+0 | 1,07+1 | 4,71+1 | 1,39+2 | 4,85+2 | 1,58+2 | 3,88+1 | 3,74+0 | 3,16+0 | 3,25+0 |
| 80 | 1,55+1 | 1,41+1 | 1,46+1 | 1,69+1 | 9,04+1 | 3,09+2 | 9,79+2 | 3,68+2 | 1,14+2 | 2,03+1 | 1,95+1 | 1,73+1 |
| 85 | 6,95+1 | 1,04+2 | 1,63+2 | 1,80+2 | 5,59+2 | 1,30+3 | 2,92+3 | 1,46+3 | 6,81+2 | 2,35+2 | 2,08+2 | 1,17+2 |
| 90 | 2,91+2 | 7,38+2 | 2,05+3 | 2,55+3 | 4,24+3 | 6,49+3 | 1,12+4 | 6,70+3 | 4,49+3 | 2,76+3 | 2,21+3 | 7,64+2 |
| 95 | 1,68+3 | 4,69+3 | 1,45+4 | 1,84+4 | 2,24+4 | 2,72+4 | 3,83+4 | 2,72+4 | 2,24+4 | 1,84+4 | 1,45+4 | 4,69+3 |
| 105 | 2,52+3 | 7,30+3 | 2,35+4 | 3,00+4 | 4,1E+4 | 5,67+4 | 9,84+4 | 5,67+4 | 4,13+4 | 3,00+4 | 2,35+4 | 7,30+3 |

Таблица 29 — Январь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,33+0 | 1,77+0 | 1,45+0 | 1,13+0 | 1,14+0 | — | — | — | — |
| 50 | — | — | — | 9,64+0 | 1,25+1 | 1,00+1 | 7,45+0 | 7,79+0 | 5,61+0 | — | — | — |
| 53 | — | — | 1,60+0 | 2,27+1 | 2,97+1 | 2,39+1 | 1,81+1 | 1,86+1 | 1,33+1 | 2,02+0 | — | — |
| 55 | — | — | 3,02+0 | 3,37+1 | 4,48+1 | 3,67+1 | 2,85+1 | 2,86+1 | 2,01+1 | 3,00+0 | — | — |
| 57 | — | — | 4,91+0 | 3,71+1 | 5,06+1 | 4,25+1 | 3,44+1 | 3,31+1 | 2,27+1 | 3,31+0 | — | — |
| 59 | — | — | 6,36+0 | 3,89+1 | 5,48+1 | 4,75+1 | 4,06+1 | 3,72+1 | 2,46+1 | 3,48+0 | — | — |
| 61 | — | — | 7,01+0 | 4,09+1 | 5,99+1 | 5,40+1 | 4,94+1 | 4,25+1 | 2,70+1 | 3,66+0 | — | — |
| 63 | — | — | 7,46+0 | 3,59+1 | 5,52+1 | 5,24+1 | 5,19+1 | 4,16+1 | 2,50+1 | 3,23+0 | — | — |
| 65 | — | — | 8,01+0 | 2,76+1 | 4,48+1 | 4,53+1 | 4,89+1 | 3,68+1 | 2,05+1 | 2,52+0 | — | — |
| 67 | — | — | 7,15+0 | 2,07+1 | 3,58+1 | 3,88+1 | 4,55+1 | 3,30+1 | 1,69+1 | 1,97+0 | — | — |
| 69 | — | — | 5,87+0 | 1,57+1 | 2,86+1 | 3,33+1 | 4,06+1 | 3,03+1 | 1,44+1 | 1,67+0 | — | — |
| 71 | 1,15+0 | — | 4,98+0 | 1,21+1 | 2,57+1 | 3,61+1 | 5,21+1 | 3,60+1 | 1,46+1 | 1,64+0 | — | — |
| 73 | 2,10+0 | 1,22+0 | 4,44+0 | 9,50+0 | 2,73+1 | 5,32+1 | 1,06+2 | 5,82+1 | 1,90+1 | 2,05+0 | 1,46+0 | 1,68+0 |
| 75 | 3,83+0 | 2,46+0 | 4,48+0 | 8,10+0 | 3,38+1 | 9,61+1 | 2,75+2 | 1,12+2 | 3,04+1 | 3,29+0 | 2,89+0 | 3,29+0 |
| 80 | 1,71+1 | 1,42+1 | 1,31+1 | 1,45+1 | 7,43+1 | 2,41+2 | 6,58+2 | 2,88+2 | 9,57+1 | 1,83+1 | 1,79+1 | 1,75+1 |
| 85 | 7,69+1 | 1,06+2 | 1,50+2 | 1,63+2 | 4,87+2 | 1,08+3 | 2,21+3 | 1,22+3 | 5,94+2 | 2,13+2 | 1,93+2 | 1,19+2 |
| 90 | 3,11+2 | 7,38+2 | 1,91+3 | 2,34+3 | 3,80+3 | 5,66+3 | 9,33+3 | 5,85+3 | 4,02+3 | 2,53+3 | 2,05+3 | 7,64+2 |
| 95 | 1,71+3 | 4,57+3 | 1,35+4 | 1,69+4 | 2,08+4 | 2,55+4 | 3,65+4 | 2,55+4 | 2,08+4 | 1,69+4 | 1,35+4 | 4,57+3 |
| 105 | 2,56+3 | 7,10+3 | 2,18+4 | 2,76+4 | 3,85+4 | 5,37+4 | 9,56+4 | 5,37+4 | 3,85+4 | 2,76+4 | 2,18+4 | 7,10+3 |

Таблица 30 — Январь, $\overline{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,27+0 | 1,69+0 | 1,38+0 | 1,07+0 | 1,09+0 | — | — | — | — |
| 50 | — | — | — | 3,75+0 | 4,87+0 | 3,89+0 | 2,90+0 | 3,06+0 | 2,19+0 | — | — | — |
| 53 | — | — | — | 9,94+0 | 1,30+1 | 1,05+1 | 7,95+0 | 8,23+0 | 5,85+0 | — | — | — |
| 55 | — | — | 1,07+0 | 2,21+1 | 2,94+1 | 2,41+1 | 1,87+1 | 1,88+1 | 1,32+1 | 1,97+0 | — | — |
| 57 | — | — | 2,94+0 | 3,06+1 | 4,17+1 | 3,50+1 | 2,84+1 | 2,74+1 | 1,87+1 | 2,73+0 | — | — |
| 59 | — | — | 4,90+0 | 3,70+1 | 5,21+1 | 4,51+1 | 3,86+1 | 3,54+1 | 2,34+1 | 3,31+0 | — | — |
| 61 | — | — | 6,34+0 | 4,40+1 | 6,45+1 | 5,82+1 | 5,33+1 | 4,58+1 | 2,90+1 | 3,94+0 | — | — |
| 63 | — | — | 7,37+0 | 4,29+1 | 6,60+1 | 6,26+1 | 6,20+1 | 4,96+1 | 2,98+1 | 3,86+0 | — | — |
| 65 | — | — | 9,04+0 | 3,58+1 | 5,82+1 | 5,86+1 | 6,36+1 | 4,73+1 | 2,65+1 | 3,25+0 | — | — |
| 67 | — | — | 8,71+0 | 2,69+1 | 4,73+1 | 5,19+1 | 6,31+1 | 4,34+1 | 2,20+1 | 2,52+0 | — | — |
| 69 | — | — | 7,42+0 | 2,04+1 | 3,77+1 | 4,41+1 | 5,61+1 | 3,91+1 | 1,85+1 | 2,09+0 | — | — |
| 71 | 1,15+0 | — | 6,25+0 | 1,56+1 | 3,36+1 | 4,70+1 | 7,16+1 | 4,54+1 | 1,83+1 | 1,97+0 | — | — |
| 73 | 2,10+0 | 1,23+0 | 5,48+0 | 1,22+1 | 3,58+1 | 7,05+1 | 1,56+2 | 7,46+1 | 2,34+1 | 2,32+0 | 1,53+0 | 1,70+0 |
| 75 | 3,83+0 | 2,48+0 | 5,35+0 | 1,01+1 | 4,39+1 | 1,29+2 | 4,32+2 | 1,47+2 | 3,67+1 | 3,53+0 | 2,98+0 | 3,32+0 |
| 80 | 1,71+1 | 1,44+1 | 1,38+1 | 1,57+1 | 8,39+1 | 2,85+2 | 8,67+2 | 3,39+2 | 1,06+2 | 1,88+1 | 1,83+1 | 1,77+1 |
| 85 | 7,69+1 | 1,07+2 | 1,54+2 | 1,67+2 | 5,19+2 | 1,20+3 | 2,61+3 | 1,34+3 | 6,32+2 | 2,18+2 | 1,97+2 | 1,20+2 |
| 90 | 3,11+2 | 7,45+2 | 1,95+3 | 2,39+3 | 3,93+3 | 5,95+3 | 1,00+4 | 6,15+3 | 4,17+3 | 2,59+3 | 2,10+3 | 7,71+2 |
| 95 | 1,71+3 | 4,61+3 | 1,37+4 | 1,73+4 | 2,08+4 | 2,49+4 | 3,41+4 | 2,49+4 | 2,08+4 | 1,73+4 | 1,37+4 | 4,61+3 |
| 105 | 2,56+3 | 7,17+3 | 2,22+4 | 2,82+4 | 3,83+4 | 5,17+4 | 8,73+4 | 5,17+4 | 3,83+4 | 2,82+4 | 2,22+4 | 7,17+3 |

Таблица 31 — Январь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 2,26+0 | 3,03+0 | 2,51+0 | 1,97+0 | 2,03+0 | 1,57+0 | — | — | — |
| 50 | — | — | 1,28+0 | 1,66+1 | 2,16+1 | 1,75+1 | 1,32+1 | 1,39+1 | 1,12+1 | 2,20+0 | — | — |
| 53 | — | — | 3,54+0 | 3,71+1 | 4,89+1 | 3,98+1 | 3,05+1 | 3,16+1 | 2,53+1 | 4,92+0 | — | — |
| 55 | — | — | 6,56+0 | 5,25+1 | 7,02+1 | 5,82+1 | 4,58+1 | 4,62+1 | 3,64+1 | 6,96+0 | — | — |
| 57 | — | — | 1,02+1 | 5,80+1 | 7,95+1 | 6,76+1 | 5,53+1 | 5,39+1 | 4,13+1 | 7,70+0 | — | — |
| 59 | — | — | 1,30+1 | 6,07+1 | 8,60+1 | 7,55+1 | 6,52+1 | 6,08+1 | 4,47+1 | 8,07+0 | — | — |
| 61 | 1,25+0 | — | 1,43+1 | 6,18+1 | 9,10+1 | 8,35+1 | 7,69+1 | 6,80+1 | 4,75+1 | 8,24+0 | — | — |
| 63 | 2,28+0 | — | 1,52+1 | 4,79+1 | 7,42+1 | 7,20+1 | 7,11+1 | 6,07+1 | 3,92+1 | 6,45+0 | 1,04+0 | — |
| 65 | 4,15+0 | — | 1,52+1 | 3,09+1 | 5,09+1 | 5,36+1 | 5,64+1 | 4,88+1 | 2,79+1 | 4,32+0 | 1,18+0 | 1,21+0 |
| 67 | 7,56+0 | 1,54+0 | 1,18+1 | 2,33+1 | 3,96+1 | 4,45+1 | 4,56+1 | 4,45+1 | 2,34+1 | 3,57+0 | 1,28+0 | 2,37+0 |
| 69 | 1,38+1 | 3,11+0 | 9,16+0 | 1,79+1 | 3,25+1 | 4,09+1 | 4,03+1 | 4,52+1 | 2,21+1 | 3,40+0 | 1,82+0 | 4,62+0 |
| 71 | 2,51+1 | 6,29+0 | 8,25+0 | 1,42+1 | 3,26+1 | 5,37+1 | 6,07+1 | 6,45+1 | 2,74+1 | 4,06+0 | 3,25+0 | 9,01+0 |
| 73 | 4,57+1 | 1,27+1 | 8,51+0 | 1,23+1 | 3,90+1 | 8,68+1 | 1,18+2 | 1,09+2 | 4,17+1 | 6,25+0 | 6,39+0 | 1,76+1 |
| 75 | 8,33+1 | 2,56+1 | 1,12+1 | 1,29+1 | 5,79+1 | 1,66+2 | 2,84+2 | 2,11+2 | 7,40+1 | 1,15+1 | 1,31+1 | 3,43+1 |
| 80 | 3,73+2 | 1,49+2 | 5,60+1 | 4,74+1 | 1,86+2 | 4,44+2 | 6,33+2 | 5,39+2 | 2,57+2 | 7,10+1 | 8,33+1 | 1,83+2 |
| 85 | 1,67+3 | 1,09+3 | 6,77+2 | 6,14+2 | 1,29+3 | 2,02+3 | 2,18+3 | 2,27+3 | 1,58+3 | 8,10+2 | 8,71+2 | 1,23+3 |
| 90 | 7,48+3 | 7,94+3 | 8,47+3 | 8,59+3 | 9,85+3 | 1,04+4 | 9,29+3 | 1,07+4 | 1,04+4 | 9,30+3 | 9,10+3 | 8,22+3 |
| 95 | 2,62+4 | 3,77+4 | 5,64+4 | 6,14+4 | 5,31+4 | 4,60+4 | 3,58+4 | 4,60+4 | 5,31+4 | 6,14+4 | 5,64+4 | 3,77+4 |
| 105 | 3,69+4 | 5,66+4 | 9,07+4 | 1,00+5 | 9,83+4 | 9,66+4 | 9,35+4 | 9,66+4 | 9,83+4 | 1,00+5 | 9,07+4 | 5,66+4 |

Таблица 32 — Январь, $W=100$, $\varphi=50^\circ$ с. ш., $\lambda=250^6$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f_oF_2 , ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 2,20+0 | 2,94+0 | 2,44+0 | 1,92+0 | 1,98+0 | 1,53+0 | — | — | — |
| 50 | — | — | — | 6,36+0 | 8,30+0 | 6,73+0 | 5,06+0 | 5,47+0 | 4,31+0 | — | — | — |
| 53 | — | — | 1,50+0 | 1,53+1 | 2,01+1 | 1,64+1 | 1,25+1 | 1,33+1 | 1,04+1 | 2,02+0 | — | — |
| 55 | — | — | 2,20+0 | 3,27+1 | 4,38+1 | 3,64+1 | 2,86+1 | 2,91+1 | 2,27+1 | 4,34+0 | — | — |
| 57 | — | — | 5,76+0 | 4,69+1 | 6,43+1 | 5,47+1 | 4,47+1 | 4,38+1 | 3,34+1 | 6,23+0 | — | — |
| 59 | — | — | 9,73+0 | 5,75+1 | 8,14+1 | 7,15+1 | 6,17+1 | 5,77+1 | 4,23+1 | 7,64+0 | — | — |
| 61 | 1,25+0 | — | 1,28+1 | 6,69+1 | 9,86+1 | 9,04+1 | 8,33+1 | 7,36+1 | 5,15+1 | 8,92+0 | — | — |
| 63 | 2,28+0 | — | 1,51+1 | 5,79+1 | 8,96+1 | 8,68+1 | 8,60+1 | 7,25+1 | 4,72+1 | 7,78+0 | 1,04+0 | — |
| 65 | 4,15+0 | — | 1,73+1 | 4,05+1 | 6,66+1 | 6,96+1 | 7,40+1 | 6,19+1 | 3,62+1 | 5,61+0 | 1,31+0 | 1,24+0 |
| 67 | 7,56+0 | 1,57+0 | 1,45+1 | 3,05+1 | 5,28+1 | 5,97+1 | 6,49+1 | 5,78+1 | 3,05+1 | 4,55+0 | 1,47+0 | 2,41+0 |
| 69 | 1,38+1 | 3,18+0 | 1,16+1 | 2,34+1 | 4,31+1 | 5,41+1 | 5,76+1 | 5,78+1 | 2,80+1 | 4,17+0 | 2,01+0 | 4,71+0 |
| 71 | 2,51+1 | 6,41+0 | 1,03+1 | 1,84+1 | 4,20+1 | 6,82+1 | 8,35+1 | 7,96+1 | 3,33+1 | 4,71+0 | 3,47+0 | 9,20+0 |
| 73 | 4,57+1 | 1,30+1 | 1,02+1 | 1,55+1 | 4,98+1 | 1,12+2 | 1,74+2 | 1,39+2 | 4,99+1 | 6,90+0 | 6,73+0 | 1,79+1 |
| 75 | 8,33+1 | 2,62+1 | 1,27+1 | 1,55+1 | 7,23+1 | 2,20+2 | 4,49+2 | 2,77+2 | 8,83+1 | 1,24+1 | 1,37+1 | 3,50+1 |
| 80 | 3,73+2 | 1,52+2 | 5,89+1 | 5,06+1 | 2,11+2 | 5,40+2 | 8,69+2 | 6,53+2 | 2,90+2 | 7,45+1 | 8,69+1 | 1,86+2 |
| 85 | 1,67+3 | 1,11+3 | 7,07+2 | 6,44+2 | 1,42+3 | 2,32+3 | 2,71+3 | 2,60+3 | 1,74+3 | 8,49+2 | 9,08+2 | 1,25+3 |
| 90 | 7,48+3 | 8,10+3 | 8,84+3 | 9,00+3 | 1,05+4 | 1,13+4 | 1,05+4 | 1,17+4 | 1,12+4 | 9,75+3 | 9,50+3 | 8,38+3 |
| 95 | 2,62+4 | 3,85+4 | 5,88+4 | 6,43+4 | 5,47+4 | 4,65+4 | 3,52+4 | 4,65+4 | 5,47+4 | 6,43+4 | 5,88+4 | 3,85+4 |
| 105 | 3,69+4 | 5,78+4 | 9,46+4 | 1,05+5 | 1,00+5 | 9,58+4 | 8,86+4 | 9,58+4 | 1,00+5 | 1,05+5 | 9,46+4 | 5,78+4 |

Таблица 33 — Январь, $\overline{W}=10$, $\varphi=50^\circ$ с ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 4,83+0 | 6,49+0 | 5,43+0 | 4,29+0 | 4,44+0 | 3,70+0 | — | — | — |
| 50 | — | — | 2,96+0 | 3,55+1 | 4,65+1 | 3,79+1 | 2,88+1 | 3,03+1 | 2,65+1 | 6,37+0 | — | — |
| 53 | — | — | 8,19+0 | 7,82+1 | 1,03+2 | 8,49+1 | 6,55+1 | 6,79+1 | 5,88+1 | 1,40+1 | — | — |
| 55 | — | — | 1,50+1 | 1,09+2 | 1,46+2 | 1,22+2 | 9,65+1 | 9,75+1 | 8,31+1 | 1,95+1 | 1,18+0 | — |
| 57 | 1,67+0 | — | 2,29+1 | 1,20+2 | 1,65+2 | 1,42+2 | 1,17+2 | 1,14+2 | 9,43+1 | 2,16+1 | 1,80+0 | — |
| 59 | 3,05+0 | — | 2,91+1 | 1,26+2 | 1,79+2 | 1,58+2 | 1,37+2 | 1,29+2 | 1,02+2 | 2,26+1 | 2,31+0 | — |
| 61 | 5,56+0 | — | 3,19+1 | 1,28+2 | 1,89+2 | 1,75+2 | 1,62+2 | 1,45+2 | 1,09+2 | 2,31+1 | 2,60+0 | 1,09+0 |
| 63 | 1,01+1 | 1,29+0 | 3,48+1 | 8,85+1 | 1,38+2 | 1,35+2 | 1,34+2 | 1,17+2 | 8,02+1 | 1,61+1 | 2,97+0 | 2,13+0 |
| 65 | 1,84+1 | 2,61+0 | 3,27+1 | 4,95+1 | 8,20+1 | 8,90+1 | 9,17+1 | 8,60+1 | 5,04+1 | 9,41+0 | 3,16+0 | 4,16+0 |
| 67 | 3,36+1 | 5,28+0 | 2,24+1 | 3,74+1 | 6,31+1 | 7,29+1 | 6,90+1 | 7,81+1 | 4,25+1 | 7,85+0 | 3,18+0 | 8,11+0 |
| 69 | 6,12+1 | 1,07+1 | 1,66+1 | 2,90+1 | 5,25+1 | 6,86+1 | 5,95+1 | 8,09+1 | 4,15+1 | 7,62+0 | 4,52+0 | 1,58+1 |
| 71 | 1,12+2 | 2,15+1 | 1,55+1 | 2,35+1 | 5,63+1 | 9,85+1 | 9,85+1 | 1,24+2 | 5,54+1 | 9,37+0 | 8,24+0 | 3,09+1 |
| 73 | 2,03+2 | 4,35+1 | 1,73+1 | 2,15+1 | 7,12+1 | 1,61+2 | 1,84+2 | 2,08+2 | 8,65+1 | 1,48+1 | 1,64+1 | 6,03+1 |
| 75 | 3,71+2 | 8,79+1 | 2,52+1 | 2,50+1 | 1,11+2 | 3,02+2 | 4,13+2 | 3,89+2 | 1,54+2 | 2,77+1 | 3,37+1 | 1,18+2 |
| 80 | 1,66+3 | 5,09+2 | 1,42+2 | 1,12+2 | 3,82+2 | 7,92+2 | 8,62+2 | 9,62+2 | 5,33+2 | 1,72+2 | 2,14+2 | 6,26+2 |
| 85 | 7,44+3 | 3,66+3 | 1,68+3 | 1,43+3 | 2,62+3 | 3,58+3 | 3,04+3 | 4,02+3 | 3,22+3 | 1,88+3 | 2,16+3 | 4,13+3 |
| 90 | 3,34+4 | 2,63+4 | 2,03+4 | 1,92+4 | 1,94+4 | 1,81+4 | 1,31+4 | 1,87+4 | 2,06+4 | 2,08+4 | 2,18+4 | 2,72+4 |
| 95 | 1,14+5 | 1,23+5 | 1,33+5 | 1,35+5 | 1,03+5 | 7,89+4 | 4,97+4 | 7,89+4 | 1,03+5 | 1,35+5 | 1,33+5 | 1,23+5 |
| 105 | 1,60+5 | 1,84+5 | 2,13+5 | 2,20+5 | 1,91+5 | 1,65+5 | 1,29+5 | 1,65+5 | 1,91+5 | 2,20+5 | 2,13+5 | 1,84+5 |

Таблица 34 — Январь, $\overline{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 4,73+0 | 6,36+0 | 5,32+0 | 4,21+0 | 4,37+0 | 3,62+0 | — | — | — |
| 50 | — | — | 1,98+0 | 1,36+1 | 1,78+1 | 1,46+1 | 1,10+1 | 1,20+1 | 1,02+1 | 2,44+0 | — | — |
| 53 | — | — | 3,45+0 | 3,14+1 | 4,15+1 | 3,42+1 | 2,63+1 | 2,80+1 | 2,37+1 | 5,64+0 | — | — |
| 55 | — | — | 4,94+0 | 6,65+1 | 8,93+1 | 7,47+1 | 5,91+1 | 6,05+1 | 5,09+1 | 1,19+1 | — | — |
| 57 | 1,67+0 | — | 1,27+1 | 9,65+1 | 1,33+2 | 1,14+2 | 9,37+1 | 9,23+1 | 7,58+1 | 1,73+1 | 1,02+0 | — |
| 59 | 3,05+0 | — | 216+1 | 1,19+2 | 1,69+2 | 1,50+2 | 1,30+2 | 1,22+2 | 9,66+1 | 2,14+1 | 1,74+0 | — |
| 61 | 5,56+0 | — | 2,85+1 | 1,39+2 | 2,05+2 | 1,90+2 | 1,76+2 | 1,57+2 | 1,18+2 | 2,50+1 | 2,34+0 | 1,12+0 |
| 63 | 1,01+1 | 1,33+0 | 3,45+1 | 1,07+2 | 1,67+2 | 1,63+2 | 1,62+2 | 1,40+2 | 9,68+1 | 1,95+1 | 2,97+0 | 2,19+0 |
| 65 | 1,84+1 | 2,69+0 | 3,72+1 | 6,47+1 | 1,07+2 | 1,15+2 | 1,20+2 | 1,08+2 | 6,49+1 | 1,22+1 | 3,54+0 | 4,28+0 |
| 67 | 3,36+1 | 5,44+0 | 2,75+1 | 4,89+1 | 8,39+1 | 9,74+1 | 9,85+1 | 1,01+2 | 5,50+1 | 9,99+0 | 3,64+0 | 8,35+0 |
| 69 | 6,12+1 | 1,10+1 | 2,09+1 | 3,77+1 | 7,00+1 | 9,23+1 | 8,90+1 | 1,06+2 | 5,30+1 | 9,36+0 | 5,03+0 | 1,63+1 |
| 71 | 1,12+2 | 2,22+1 | 1,92+1 | 3,02+1 | 7,19+1 | 1,25+2 | 1,36+2 | 1,53+2 | 6,70+1 | 1,09+1 | 8,93+0 | 3,18+1 |
| 73 | 2,03+2 | 4,48+1 | 2,06+1 | 2,69+1 | 8,99+1 | 2,08+2 | 2,73+2 | 2,66+2 | 1,04+2 | 1,65+1 | 1,75+1 | 6,21+1 |
| 75 | 3,71+2 | 9,05+1 | 2,84+1 | 2,96+1 | 1,38+2 | 4,02+2 | 6,55+2 | 5,16+2 | 1,86+2 | 3,02+1 | 3,60+1 | 1,21+2 |
| 80 | 1,66+3 | 5,25+2 | 1,52+2 | 1,21+2 | 4,45+2 | 9,91+2 | 1,23+3 | 1,20+3 | 6,18+2 | 1,84+2 | 2,28+2 | 6,45+2 |
| 85 | 7,44+3 | 3,77+3 | 1,79+3 | 1,53+3 | 2,96+3 | 4,26+3 | 3,96+3 | 4,78+3 | 3,63+3 | 2,02+3 | 2,30+3 | 4,25+3 |
| 90 | 3,34+4 | 2,71+4 | 2,15+4 | 2,05+4 | 2,14+4 | 2,05+4 | 1,55+4 | 2,11+4 | 2,27+4 | 2,22+4 | 2,31+4 | 2,80+4 |
| 95 | 1,14+5 | 1,26+5 | 1,41+5 | 1,44+5 | 1,09+5 | 8,27+4 | 5,11+4 | 8,27+4 | 1,09+5 | 1,44+5 | 1,41+5 | 1,26+5 |
| 105 | 1,60+5 | 1,89+5 | 2,27+5 | 2,35+5 | 1,99+5 | 1,69+5 | 1,27+5 | 1,69+5 | 1,99+5 | 2,35+5 | 2,27+5 | 1,89+5 |

Таблица 35 — Январь, $\overline{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,84+0 | 2,46+0 | 2,04+0 | 1,60+0 | 1,63+0 | 1,24+0 | — | — | — |
| 50 | — | — | — | 1,35+1 | 1,76+1 | 1,42+1 | 1,07+1 | 1,12+1 | 8,81+0 | 1,63+0 | — | — |
| 53 | — | — | 2,71+0 | 3,04+1 | 4,00+1 | 3,25+1 | 2,48+1 | 2,57+1 | 2,01+1 | 3,68+0 | — | — |
| 55 | — | — | 5,03+0 | 4,33+1 | 5,79+1 | 4,78+1 | 3,76+1 | 3,78+1 | 2,91+1 | 5,24+0 | — | — |
| 57 | — | — | 7,85+0 | 4,78+1 | 6,55+1 | 5,55+1 | 4,54+1 | 4,40+1 | 3,29+1 | 5,79+0 | — | — |
| 59 | — | — | 1,00+1 | 5,01+1 | 7,08+1 | 6,20+1 | 5,35+1 | 4,95+1 | 3,57+1 | 6,07+0 | — | — |
| 61 | — | — | 1,10+1 | 5,10+1 | 7,51+1 | 6,86+1 | 6,31+1 | 5,53+1 | 3,80+1 | 6,20+0 | — | — |
| 63 | 1,01+0 | — | 1,17+1 | 4,09+1 | 6,32+1 | 6,10+1 | 6,04+1 | 5,05+1 | 3,23+1 | 5,02+0 | — | — |
| 65 | 1,84+0 | — | 1,19+1 | 2,76+1 | 4,52+1 | 4,70+1 | 5,00+1 | 4,13+1 | 2,38+1 | 3,48+0 | — | — |
| 67 | 3,35+0 | — | 9,59+0 | 2,08+1 | 3,53+1 | 3,90+1 | 4,16+1 | 3,72+1 | 1,97+1 | 2,83+0 | — | 1,24+0 |
| 69 | 6,10+0 | 1,63+0 | 7,53+0 | 1,59+1 | 2,87+1 | 3,51+1 | 3,69+1 | 3,69+1 | 1,80+1 | 2,59+0 | 1,21+0 | 2,41+0 |
| 71 | 1,11+1 | 3,29+0 | 6,63+0 | 1,24+1 | 2,79+1 | 4,41+1 | 5,41+1 | 5,08+1 | 2,12+1 | 2,93+0 | 2,09+0 | 4,71+0 |
| 73 | 2,03+1 | 6,64+0 | 6,51+0 | 1,04+1 | 3,21+1 | 6,98+1 | 1,06+2 | 8,54+1 | 3,11+1 | 4,29+0 | 4,05+0 | 9,19+0 |
| 75 | 3,69+1 | 1,34+1 | 7,93+0 | 1,02+1 | 4,54+1 | 1,32+2 | 2,61+2 | 1,66+2 | 5,40+1 | 7,69+0 | 8,27+0 | 1,79+1 |
| 80 | 1,65+2 | 7,77+1 | 3,56+1 | 3,18+1 | 1,35+2 | 3,52+2 | 5,91+2 | 4,25+2 | 1,84+2 | 4,63+1 | 5,23+1 | 9,55+1 |
| 85 | 7,41+2 | 5,71+2 | 4,29+2 | 4,05+2 | 9,33+2 | 1,60+3 | 2,02+3 | 1,79+3 | 1,14+3 | 5,33+2 | 5,51+2 | 6,44+2 |
| 90 | 3,30+3 | 4,17+3 | 5,41+3 | 5,71+3 | 7,16+3 | 8,23+3 | 8,60+3 | 8,51+3 | 7,59+3 | 6,19+3 | 5,81+3 | 4,32+3 |
| 95 | 1,19+4 | 2,02+4 | 3,62+4 | 4,10+4 | 3,88+4 | 3,67+4 | 3,33+4 | 3,67+4 | 3,88+4 | 4,10+4 | 3,62+4 | 2,02+4 |
| 105 | 1,69+4 | 3,05+4 | 5,83+4 | 6,69+4 | 7,18+4 | 7,70+4 | 8,70+4 | 7,70+4 | 7,18+4 | 6,69+4 | 5,83+4 | 3,05+4 |

Таблица 36 — Январь, $\bar{W}=100$, $\varphi=50^\circ$, с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 151,1° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 71,0° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 7,1 | 7,8 | 8,5 | 9,1 | 12,0 | 14,8 | 15,5 | 16,2 | 16,7 | 19,5 |
| 45 | — | — | — | 1,78+0 | 2,39+0 | 1,98+0 | 1,55+0 | 1,59+0 | 1,20+0 | — | — | — |
| 50 | — | — | — | 5,18+0 | 6,75+0 | 5,46+0 | 4,10+0 | 4,39+0 | 3,40+0 | — | — | — |
| 53 | — | — | 1,15+0 | 1,26+1 | 1,66+1 | 1,35+1 | 1,03+1 | 1,08+1 | 8,35+0 | 1,53+0 | — | — |
| 55 | — | — | 1,70+0 | 2,72+1 | 3,64+1 | 3,01+1 | 2,36+1 | 2,39+1 | 1,83+1 | 3,29+0 | — | — |
| 57 | — | — | 4,49+0 | 3,88+1 | 5,31+1 | 4,50+1 | 3,68+1 | 3,59+1 | 2,67+1 | 4,70+0 | — | — |
| 59 | — | — | 7,57+0 | 4,74+1 | 6,71+1 | 5,88+1 | 5,06+1 | 4,70+1 | 3,38+1 | 5,75+0 | — | — |
| 61 | — | — | 9,91+0 | 5,52+1 | 8,13+1 | 7,43+1 | 6,84+1 | 5,98+1 | 4,11+1 | 6,71+0 | — | — |
| 63 | 1,01+0 | — | 1,16+1 | 4,94+1 | 7,63+1 | 7,35+1 | 7,29+1 | 6,04+1 | 3,88+1 | 6,04+0 | — | — |
| 65 | 1,84+0 | — | 1,35+1 | 3,62+1 | 5,92+1 | 6,12+1 | 6,56+1 | 5,27+1 | 3,08+1 | 4,53+0 | — | — |
| 67 | 3,35+0 | — | 1,18+1 | 2,72+1 | 4,71+1 | 5,25+1 | 5,90+1 | 4,86+1 | 2,57+1 | 3,62+0 | 1,03+0 | 1,26+0 |
| 69 | 6,10+0 | 1,66+0 | 9,55+0 | 2,08+1 | 3,80+1 | 4,65+1 | 5,22+1 | 4,73+1 | 2,29+1 | 3,21+0 | 1,35+0 | 2,46+0 |
| 71 | 1,11+1 | 3,34+0 | 8,30+0 | 1,61+1 | 3,62+1 | 5,64+1 | 7,44+1 | 6,30+1 | 2,59+1 | 3,44+0 | 2,24+0 | 4,79+0 |
| 73 | 2,03+1 | 6,75+0 | 7,91+0 | 1,33+1 | 4,14+1 | 9,07+1 | 1,57+2 | 1,09+2 | 3,74+1 | 4,76+0 | 4,26+0 | 9,36+0 |
| 75 | 3,69+1 | 1,36+1 | 9,14+0 | 1,25+1 | 5,72+1 | 1,75+2 | 4,11+2 | 2,17+2 | 6,46+1 | 8,23+0 | 8,62+0 | 1,83+1 |
| 80 | 1,65+2 | 7,91+1 | 3,74+1 | 3,40+1 | 1,53+2 | 4,24+2 | 8,03+2 | 5,12+2 | 2,07+2 | 4,84+1 | 5,42+1 | 9,72+1 |
| 85 | 7,41+2 | 5,81+2 | 4,45+2 | 4,22+2 | 1,02+3 | 1,82+3 | 2,48+3 | 2,04+3 | 1,24+3 | 5,56+2 | 5,72+2 | 6,55+2 |
| 90 | 3,30+3 | 4,25+3 | 5,61+3 | 5,95+3 | 7,60+3 | 8,90+3 | 9,61+3 | 9,20+3 | 8,05+3 | 6,45+3 | 6,03+3 | 4,40+3 |
| 95 | 1,19+4 | 2,06+4 | 3,76+4 | 4,27+4 | 3,96+4 | 3,68+4 | 3,23+4 | 3,68+4 | 3,96+4 | 4,27+4 | 3,76+4 | 2,06+4 |
| 105 | 1,69+4 | 3,10+4 | 6,05+4 | 6,97+4 | 7,27+4 | 7,59+4 | 8,16+4 | 7,59+4 | 7,27+4 | 6,97+4 | 6,05+4 | 3,10+4 |

Таблица 37 — Январь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 1,48+0 | 1,92+0 | 1,39+0 | 1,25+0 | — | — | — |
| 50 | — | — | — | 1,08+1 | 1,35+1 | 9,25+0 | 8,81+0 | 1,60+0 | — | — |
| 53 | — | — | 1,99+0 | 2,46+1 | 3,12+1 | 2,18+1 | 2,03+1 | 3,64+0 | — | — |
| 55 | — | — | 3,71+0 | 3,53+1 | 4,57+1 | 3,32+1 | 2,98+1 | 5,24+0 | — | — |
| 57 | — | — | 5,85+0 | 3,91+1 | 5,22+1 | 4,01+1 | 3,40+1 | 5,79+0 | — | — |
| 59 | — | — | 7,52+0 | 4,09+1 | 5,71+1 | 4,72+1 | 3,72+1 | 6,07+0 | — | — |
| 61 | — | — | 8,30+0 | 4,19+1 | 6,17+1 | 5,61+1 | 4,03+1 | 6,23+0 | — | — |
| 63 | — | — | 8,83+0 | 3,45+1 | 5,43+1 | 5,52+1 | 3,56+1 | 5,16+0 | — | — |
| 65 | — | — | 9,13+0 | 2,41+1 | 4,10+1 | 4,74+1 | 2,72+1 | 3,67+0 | — | — |
| 67 | 1,31+0 | — | 7,62+0 | 1,82+1 | 3,25+1 | 4,05+1 | 2,21+1 | 2,89+0 | — | — |
| 69 | 2,40+0 | — | 6,07+0 | 1,38+1 | 2,66+1 | 3,60+1 | 1,91+1 | 2,48+0 | — | 1,23+0 |
| 71 | 4,37+0 | 1,71+0 | 5,28+0 | 1,07+1 | 2,65+1 | 5,10+1 | 2,11+1 | 2,49+0 | 1,37+0 | 2,39+0 |
| 73 | 7,95+0 | 3,43+0 | 4,99+0 | 8,77+0 | 3,18+1 | 1,01+2 | 2,95+1 | 3,21+0 | 2,55+0 | 4,65+0 |
| 75 | 1,45+1 | 6,88+0 | 5,67+0 | 8,13+0 | 4,64+1 | 2,53+2 | 5,05+1 | 5,27+0 | 5,12+0 | 9,02+0 |
| 80 | 6,50+1 | 3,92+1 | 2,22+1 | 2,11+1 | 1,24+2 | 5,83+2 | 1,56+2 | 2,99+1 | 3,20+1 | 4,74+1 |
| 85 | 2,91+2 | 2,78+2 | 2,64+2 | 2,62+2 | 7,75+2 | 1,98+3 | 9,06+2 | 3,45+2 | 3,39+2 | 3,11+2 |
| 90 | 1,27+3 | 1,95+3 | 3,33+3 | 3,72+3 | 5,54+3 | 8,42+3 | 5,79+3 | 4,03+3 | 3,57+3 | 2,02+3 |
| 95 | 5,00+3 | 9,75+3 | 2,25+4 | 2,68+4 | 2,88+4 | 3,27+4 | 2,88+4 | 2,68+4 | 2,25+4 | 9,75+3 |
| 105 | 7,18+3 | 1,47+4 | 3,62+4 | 4,38+4 | 5,58+4 | 8,55+4 | 5,58+4 | 4,38+4 | 3,62+4 | 1,47+4 |

Таблица 38 — Январь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 1,43+0 | 1,85+0 | 1,34+0 | 1,21+0 | — | — | — |
| 50 | — | — | — | 4,17+0 | 5,21+0 | 3,57+0 | 3,40+0 | — | — | — |
| 53 | — | — | — | 1,03+1 | 1,31+1 | 9,13+0 | 8,52+0 | 1,53+0 | — | — |
| 55 | — | — | 1,28+0 | 2,24+1 | 2,90+1 | 2,10+1 | 1,89+1 | 3,32+0 | — | — |
| 57 | — | — | 3,39+0 | 3,18+1 | 4,25+1 | 3,26+1 | 2,77+1 | 4,71+0 | — | — |
| 59 | — | — | 5,70+0 | 3,88+1 | 5,41+1 | 4,48+1 | 3,53+1 | 5,75+0 | — | — |
| 61 | — | — | 7,46+0 | 4,53+1 | 6,67+1 | 6,06+1 | 4,36+1 | 6,73+0 | — | — |
| 63 | — | — | 8,74+0 | 4,16+1 | 6,54+1 | 6,65+1 | 4,28+1 | 6,21+0 | — | — |
| 65 | — | — | 1,04+1 | 3,16+1 | 5,37+1 | 6,21+1 | 3,55+1 | 4,78+0 | — | — |
| 67 | 1,31+0 | — | 9,33+0 | 2,38+1 | 4,36+1 | 5,71+1 | 2,94+1 | 3,73+0 | — | — |
| 69 | 2,40+0 | — | 7,69+0 | 1,81+1 | 3,54+1 | 5,05+1 | 2,50+1 | 3,12+0 | — | 1,25+0 |
| 71 | 4,37+0 | 1,74+0 | 6,62+0 | 1,40+1 | 3,47+1 | 7,02+1 | 2,67+1 | 3,00+0 | 1,48+0 | 2,43+0 |
| 73 | 7,95+0 | 3,48+0 | 6,11+0 | 1,12+1 | 4,19+1 | 1,50+2 | 3,71+1 | 3,65+0 | 2,68+0 | 4,71+0 |
| 75 | 1,45+1 | 6,98+0 | 6,62+0 | 1,00+1 | 6,07+1 | 3,99+2 | 6,33+1 | 5,70+0 | 5,32+0 | 9,15+0 |
| 80 | 6,50+1 | 3,97+1 | 2,34+1 | 2,27+1 | 1,43+2 | 7,85+2 | 1,79+2 | 3,10+1 | 3,31+1 | 4,81+1 |
| 85 | 2,91+2 | 2,82+2 | 2,73+2 | 2,72+2 | 8,50+2 | 2,41+3 | 9,94+2 | 3,57+2 | 3,49+2 | 3,16+2 |
| 90 | 1,27+3 | 1,98+3 | 3,43+3 | 3,86+3 | 5,87+3 | 9,29+3 | 6,14+3 | 4,18+3 | 3,69+3 | 2,04+3 |
| 95 | 5,00+3 | 9,89+3 | 2,32+4 | 2,78+4 | 2,90+4 | 3,13+4 | 2,90+4 | 2,78+4 | 2,32+4 | 9,89+3 |
| 105 | 7,18+3 | 1,49+4 | 3,74+4 | 4,53+4 | 5,56+4 | 7,96+4 | 5,56+4 | 4,53+4 | 3,74+4 | 1,49+4 |

Таблица 39 — Январь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 4,69+0 | 6,12+0 | 4,53+0 | 4,58+0 | 1,16+0 | — | — |
| 50 | — | — | 2,90+0 | 3,45+1 | 4,35+1 | 3,04+1 | 3,25+1 | 8,53+0 | — | — |
| 53 | — | — | 8,00+0 | 7,58+1 | 9,68+1 | 6,90+1 | 7,23+1 | 1,88+1 | — | — |
| 55 | — | — | 1,47+1 | 1,05+2 | 1,37+2 | 1,02+2 | 1,03+2 | 2,60+1 | 1,43+0 | — |
| 57 | 1,79+0 | — | 2,23+1 | 1,16+2 | 1,57+2 | 1,23+2 | 1,17+2 | 2,88+1 | 2,19+0 | — |
| 59 | 3,27+0 | — | 2,84+1 | 1,22+2 | 1,71+2 | 1,45+2 | 1,28+2 | 3,02+1 | 2,81+0 | — |
| 61 | 5,96+0 | — | 3,13+1 | 1,24+2 | 1,84+2 | 1,70+2 | 1,38+2 | 3,07+1 | 3,15+0 | 1,30+0 |
| 63 | 1,09+1 | 1,59+0 | 3,42+1 | 8,46+1 | 1,34+2 | 1,39+2 | 1,02+2 | 2,12+1 | 3,59+0 | 2,53+0 |
| 65 | 1,98+1 | 3,19+0 | 3,21+1 | 4,67+1 | 8,06+1 | 9,41+1 | 6,29+1 | 1,21+1 | 3,75+0 | 4,91+0 |
| 67 | 3,60+1 | 6,40+0 | 2,19+1 | 3,53+1 | 6,18+1 | 7,04+1 | 5,10+1 | 9,90+0 | 3,61+0 | 9,53+0 |
| 69 | 6,57+1 | 1,28+1 | 1,63+1 | 2,74+1 | 5,19+1 | 6,06+1 | 4,73+1 | 9,24+0 | 4,95+0 | 1,85+1 |
| 71 | 1,20+2 | 2,57+1 | 1,55+1 | 2,24+1 | 5,98+1 | 1,02+2 | 6,27+1 | 1,07+1 | 8,85+0 | 3,59+1 |
| 73 | 2,18+2 | 5,16+1 | 1,76+1 | 2,09+1 | 8,07+1 | 1,90+2 | 9,72+1 | 1,61+1 | 1,74+1 | 6,98+1 |
| 75 | 3,97+2 | 1,03+2 | 2,61+1 | 2,48+1 | 1,34+2 | 4,21+2 | 1,75+2 | 2,94+1 | 3,58+1 | 1,35+2 |
| 80 | 1,78+3 | 5,88+2 | 1,50+2 | 1,16+2 | 4,36+2 | 8,71+2 | 5,66+2 | 1,79+2 | 2,26+2 | 7,12+2 |
| 85 | 7,98+3 | 4,07+3 | 1,76+3 | 1,47+3 | 2,75+3 | 3,08+3 | 3,22+3 | 1,95+3 | 2,26+3 | 4,55+3 |
| 90 | 3,58+4 | 2,82+4 | 2,10+4 | 1,97+4 | 1,89+4 | 1,33+4 | 1,98+4 | 2,13+4 | 2,25+4 | 2,91+4 |
| 95 | 1,22+5 | 1,28+5 | 1,36+5 | 1,38+5 | 9,57+4 | 5,03+4 | 9,57+4 | 1,38+5 | 1,36+5 | 1,28+5 |
| 105 | 1,72+5 | 1,92+5 | 2,19+5 | 2,26+5 | 1,85+5 | 1,31+5 | 1,85+5 | 2,26+5 | 2,19+5 | 1,92+5 |

Таблица 40 — Январь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 4,60+0 | 6,00+0 | 4,44+0 | 4,49+0 | 1,14+0 | — | — |
| 50 | — | — | 1,94+0 | 1,32+1 | 1,66+1 | 1,16+1 | 1,24+1 | 3,26+0 | — | — |
| 53 | — | — | 3,39+0 | 3,04+1 | 3,88+1 | 2,77+1 | 2,90+1 | 7,53+0 | — | — |
| 55 | — | — | 4,84+0 | 6,42+1 | 8,38+1 | 6,20+1 | 6,27+1 | 1,59+1 | — | — |
| 57 | 1,79+0 | — | 1,24+1 | 9,33+1 | 1,26+2 | 9,85+1 | 9,41+1 | 2,31+1 | 1,23+0 | — |
| 59 | 3,27+0 | — | 2,11+1 | 1,15+2 | 1,62+2 | 1,37+2 | 1,21+2 | 2,85+1 | 2,11+0 | — |
| 61 | 5,96+0 | — | 2,79+1 | 1,34+2 | 1,99+2 | 1,85+2 | 1,50+2 | 3,33+1 | 2,84+0 | 1,34+0 |
| 63 | 1,09+1 | 1,64+0 | 3,40+1 | 1,02+2 | 1,63+2 | 1,68+2 | 1,23+2 | 2,56+1 | 3,59+0 | 2,60+0 |
| 65 | 1,98+1 | 3,29+0 | 3,65+1 | 6,10+1 | 1,05+2 | 1,23+2 | 8,14+1 | 1,57+1 | 4,21+0 | 5,05+0 |
| 67 | 3,60+1 | 6,59+0 | 2,68+1 | 4,61+1 | 8,30+1 | 1,01+2 | 6,73+1 | 1,27+1 | 4,17+0 | 9,80+0 |
| 69 | 6,57+1 | 1,32+1 | 2,05+1 | 3,56+1 | 7,04+1 | 9,13+1 | 6,23+1 | 1,14+1 | 5,54+0 | 1,90+1 |
| 71 | 1,20+2 | 2,65+1 | 1,90+1 | 2,88+1 | 7,70+1 | 1,40+2 | 7,78+1 | 1,27+1 | 9,63+0 | 3,70+1 |
| 73 | 2,18+2 | 5,30+1 | 2,08+1 | 2,59+1 | 1,04+2 | 2,81+2 | 1,21+2 | 1,82+1 | 1,87+1 | 7,18+1 |
| 75 | 3,97+2 | 1,06+2 | 2,94+1 | 2,93+1 | 1,71+2 | 6,68+2 | 2,20+2 | 3,22+1 | 3,82+1 | 1,39+2 |
| 80 | 1,78+3 | 6,05+2 | 1,61+2 | 1,25+2 | 5,22+2 | 1,25+3 | 6,76+2 | 1,93+2 | 2,41+2 | 7,32+2 |
| 85 | 7,98+3 | 4,19+3 | 1,87+3 | 1,58+3 | 3,17+3 | 4,04+3 | 3,71+3 | 2,09+3 | 2,41+3 | 4,68+3 |
| 90 | 3,58+4 | 2,90+4 | 2,24+4 | 2,12+4 | 2,11+4 | 1,58+4 | 2,20+4 | 2,29+4 | 2,40+4 | 3,00+4 |
| 95 | 1,22+5 | 1,32+5 | 1,45+5 | 1,48+5 | 1,01+5 | 5,21+4 | 1,01+5 | 1,48+5 | 1,45+5 | 1,32+5 |
| 105 | 1,72+5 | 1,97+5 | 2,34+5 | 2,42+5 | 1,92+5 | 1,29+5 | 1,92+5 | 2,42+5 | 2,34+5 | 1,97+5 |

Таблица 41 — Январь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 4,19+0 | 5,49+0 | 4,11+0 | 4,35+0 | 1,36+0 | — | — |
| 50 | — | — | 2,57+0 | 3,08+1 | 3,91+1 | 2,76+1 | 3,09+1 | 1,00+1 | — | — |
| 53 | — | — | 7,07+0 | 6,71+1 | 8,61+1 | 6,21+1 | 6,82+1 | 2,19+1 | — | — |
| 55 | — | — | 1,29+1 | 9,21+1 | 1,21+2 | 9,04+1 | 9,57+1 | 3,00+1 | 1,68+0 | — |
| 57 | 1,41+0 | — | 1,95+1 | 1,02+2 | 1,38+2 | 1,09+2 | 1,10+2 | 3,32+1 | 2,54+0 | — |
| 59 | 2,57+0 | — | 2,47+1 | 1,07+2 | 1,51+2 | 1,29+2 | 1,20+2 | 3,48+1 | 3,24+0 | — |
| 61 | 4,67+0 | — | 2,71+1 | 1,04+2 | 1,56+2 | 1,46+2 | 1,24+2 | 3,40+1 | 3,60+0 | 1,01+0 |
| 63 | 8,52+0 | 1,24+0 | 2,93+1 | 6,89+1 | 1,10+2 | 1,15+2 | 8,81+1 | 2,26+1 | 3,99+0 | 1,97+0 |
| 65 | 1,55+1 | 2,49+0 | 2,65+1 | 3,65+1 | 6,33+1 | 7,47+1 | 5,21+1 | 1,23+1 | 3,90+0 | 3,82+0 |
| 67 | 2,83+1 | 4,99+0 | 1,74+1 | 2,76+1 | 4,85+1 | 5,56+1 | 4,19+1 | 9,86+0 | 3,36+0 | 7,42+0 |
| 69 | 5,15+1 | 1,00+1 | 1,28+1 | 2,14+1 | 4,03+1 | 4,67+1 | 3,81+1 | 8,80+0 | 4,18+0 | 1,44+1 |
| 71 | 9,39+1 | 2,00+1 | 1,21+1 | 1,75+1 | 4,96+1 | 9,45+1 | 5,33+1 | 9,55+0 | 7,10+0 | 2,80+1 |
| 73 | 1,71+2 | 4,02+1 | 1,37+1 | 1,62+1 | 6,58+1 | 1,68+2 | 8,02+1 | 1,34+1 | 1,37+1 | 5,44+1 |
| 75 | 3,12+2 | 8,05+1 | 2,02+1 | 1,93+1 | 1,06+2 | 3,45+2 | 1,39+2 | 2,34+1 | 2,78+1 | 1,06+2 |
| 80 | 1,40+3 | 4,58+2 | 1,16+2 | 8,91+1 | 3,35+2 | 6,60+2 | 4,35+2 | 1,38+2 | 1,75+2 | 5,55+2 |
| 85 | 6,26+3 | 3,11+3 | 1,30+3 | 1,08+3 | 2,06+3 | 2,40+3 | 2,41+3 | 1,43+3 | 1,67+3 | 3,48+3 |
| 90 | 2,81+4 | 2,11+4 | 1,48+4 | 1,37+4 | 1,38+4 | 1,04+4 | 1,44+4 | 1,49+4 | 1,59+4 | 2,18+4 |
| 95 | 9,62+4 | 9,55+4 | 9,47+4 | 9,45+4 | 6,85+4 | 3,90+4 | 6,85+4 | 9,45+4 | 9,47+4 | 9,55+4 |
| 105 | 1,35+5 | 1,43+5 | 1,52+5 | 1,54+5 | 1,32+5 | 1,01+5 | 1,32+5 | 1,54+5 | 1,52+5 | 1,43+5 |

49 Таблица 42 — Январь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f_oF_2 , ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 4,12+0 | 5,41+0 | 4,04+0 | 4,28+0 | 1,34+0 | — | — |
| 50 | — | — | 1,72+0 | 1,18+1 | 1,49+1 | 1,05+1 | 1,18+1 | 3,83+0 | — | — |
| 53 | — | — | 2,99+0 | 2,66+1 | 3,41+1 | 2,46+1 | 2,70+1 | 8,66+0 | — | — |
| 55 | — | — | 4,21+0 | 5,57+1 | 7,30+1 | 5,46+1 | 5,79+1 | 1,81+1 | — | — |
| 57 | 1,41+0 | — | 1,07+1 | 8,15+1 | 1,10+2 | 8,74+1 | 8,75+1 | 2,66+1 | 1,41+0 | — |
| 59 | 2,57+0 | — | 1,83+1 | 1,01+2 | 1,42+2 | 1,22+2 | 1,13+2 | 3,28+1 | 2,41+0 | — |
| 61 | 4,67+0 | — | 2,42+1 | 1,13+2 | 1,69+2 | 1,58+2 | 1,34+2 | 3,70+1 | 3,23+0 | 1,05+0 |
| 63 | 8,52+0 | 1,29+0 | 2,92+1 | 8,33+1 | 1,33+2 | 1,39+2 | 1,06+2 | 2,73+1 | 4,00+0 | 2,05+0 |
| 65 | 1,55+1 | 2,58+0 | 3,02+1 | 4,73+1 | 8,19+1 | 9,70+1 | 6,71+1 | 1,59+1 | 4,42+0 | 3,97+0 |
| 67 | 2,83+1 | 5,18+0 | 2,13+1 | 3,58+1 | 6,46+1 | 7,90+1 | 5,52+1 | 1,26+1 | 3,95+0 | 7,71+0 |
| 69 | 5,15+1 | 1,04+1 | 1,60+1 | 2,77+1 | 5,60+1 | 7,57+1 | 5,18+1 | 1,10+1 | 4,79+0 | 1,50+1 |
| 71 | 9,39+1 | 2,08+1 | 1,48+1 | 2,23+1 | 6,39+1 | 1,30+2 | 6,67+1 | 1,15+1 | 7,92+0 | 2,91+1 |
| 73 | 1,71+2 | 4,17+1 | 1,63+1 | 2,02+1 | 8,50+1 | 2,49+2 | 1,01+2 | 1,55+1 | 1,50+1 | 5,65+1 |
| 75 | 3,12+2 | 8,37+1 | 2,31+1 | 2,30+1 | 1,37+2 | 5,48+2 | 1,78+2 | 2,63+1 | 3,04+1 | 1,10+2 |
| 80 | 1,40+3 | 4,76+2 | 1,27+2 | 9,90+1 | 4,13+2 | 9,89+2 | 5,36+2 | 1,53+2 | 1,91+2 | 5,76+2 |
| 85 | 6,26+3 | 3,23+3 | 1,42+3 | 1,19+3 | 2,47+3 | 3,32+3 | 2,89+3 | 1,57+3 | 1,82+3 | 3,61+3 |
| 90 | 2,81+4 | 2,20+4 | 1,61+4 | 1,51+4 | 1,59+4 | 1,32+4 | 1,67+4 | 1,64+4 | 1,73+4 | 2,27+4 |
| 95 | 9,62+4 | 9,93+4 | 1,03+5 | 1,04+5 | 7,52+4 | 4,25+4 | 7,52+4 | 1,04+5 | 1,03+5 | 9,93+4 |
| 105 | 1,35+5 | 1,48+5 | 1,66+5 | 1,70+5 | 1,42+5 | 1,03+5 | 1,42+5 | 1,70+5 | 1,66+5 | 1,48+5 |

Таблица 43 — Январь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 3,71+0 | 4,83+0 | 3,56+0 | 3,50+0 | — | — | — |
| 50 | — | — | 2,26+0 | 2,72+1 | 3,43+1 | 2,38+1 | 2,48+1 | 5,94+0 | — | — |
| 53 | — | — | 6,24+0 | 6,02+1 | 7,68+1 | 5,45+1 | 5,56+1 | 1,31+1 | — | — |
| 55 | — | — | 1,15+1 | 8,40+1 | 1,09+2 | 8,06+1 | 7,93+1 | 1,83+1 | 1,00+0 | — |
| 57 | 1,28+0 | — | 1,76+1 | 9,30+1 | 1,25+2 | 9,75+1 | 9,07+1 | 2,03+1 | 1,54+0 | — |
| 59 | 2,33+0 | — | 2,24+1 | 9,73+1 | 1,37+2 | 1,15+2 | 9,93+1 | 2,13+1 | 1,98+0 | — |
| 61 | 4,24+0 | — | 2,47+1 | 9,92+1 | 1,47+2 | 1,36+2 | 1,07+2 | 2,17+1 | 2,23+0 | — |
| 63 | 7,73+0 | 1,20+0 | 2,69+1 | 7,07+1 | 1,12+2 | 1,15+2 | 8,23+1 | 1,56+1 | 2,54+0 | 1,90+0 |
| 65 | 1,41+1 | 2,40+0 | 2,58+1 | 4,10+1 | 7,06+1 | 8,22+1 | 5,34+1 | 9,40+0 | 2,74+0 | 3,69+0 |
| 67 | 2,57+1 | 4,81+0 | 1,84+1 | 3,10+1 | 5,45+1 | 6,29+1 | 4,36+1 | 7,72+0 | 2,80+0 | 7,16+0 |
| 69 | 4,67+1 | 9,64+0 | 1,39+1 | 2,41+1 | 4,58+1 | 5,47+1 | 4,04+1 | 7,27+0 | 3,93+0 | 1,39+1 |
| 71 | 8,52+1 | 1,93+1 | 1,31+1 | 1,96+1 | 5,14+1 | 8,75+1 | 5,24+1 | 8,56+0 | 7,08+0 | 2,70+1 |
| 73 | 1,55+2 | 3,88+1 | 1,47+1 | 1,80+1 | 6,90+1 | 1,66+2 | 8,15+1 | 1,30+1 | 1,40+1 | 5,24+1 |
| 75 | 2,83+2 | 7,77+1 | 2,14+1 | 2,10+1 | 1,14+2 | 3,80+2 | 1,48+2 | 2,39+1 | 2,87+1 | 1,02+2 |
| 80 | 1,27+3 | 4,42+2 | 1,21+2 | 9,46+1 | 3,73+2 | 8,09+2 | 4,83+2 | 1,46+2 | 1,82+2 | 5,35+2 |
| 85 | 5,68+3 | 3,08+3 | 1,44+3 | 1,23+3 | 2,37+3 | 2,83+3 | 2,77+3 | 1,62+3 | 1,85+3 | 3,45+3 |
| 90 | 2,55+4 | 2,15+4 | 1,75+4 | 1,67+4 | 1,65+4 | 1,21+4 | 1,72+4 | 1,81+4 | 1,88+4 | 2,22+4 |
| 95 | 8,73+4 | 9,85+4 | 1,14+5 | 1,18+5 | 8,41+4 | 4,64+4 | 8,41+4 | 1,18+5 | 1,14+5 | 9,85+4 |
| 105 | 1,23+5 | 1,47+5 | 1,84+5 | 1,93+5 | 1,63+5 | 1,21+5 | 1,63+5 | 1,93+5 | 1,84+5 | 1,47+5 |

Таблица 44 — Январь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h', ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 3,63+0 | 4,72+0 | 3,48+0 | 3,42+0 | — | — | — |
| 50 | — | — | 1,51+0 | 1,04+1 | 1,31+1 | 9,12+0 | 9,53+0 | 2,28+0 | — | — |
| 53 | — | — | 2,64+0 | 2,43+1 | 3,10+1 | 2,20+1 | 2,25+1 | 5,31+0 | — | — |
| 55 | — | — | 3,81+0 | 5,17+1 | 6,73+1 | 4,96+1 | 4,88+1 | 1,13+1 | — | — |
| 57 | 1,28+0 | — | 9,86+0 | 7,48+1 | 1,01+2 | 7,84+1 | 7,30+1 | 1,63+1 | — | — |
| 59 | 2,33+0 | — | 1,67+1 | 9,20+1 | 1,29+2 | 1,09+2 | 9,39+1 | 2,01+1 | 1,49+0 | — |
| 61 | 4,24+0 | — | 2,21+1 | 1,08+2 | 1,60+2 | 1,47+2 | 1,16+2 | 2,36+1 | 2,01+0 | 1,00+0 |
| 63 | 7,73+0 | 1,23+0 | 2,66+1 | 8,55+1 | 1,36+2 | 1,40+2 | 9,94+1 | 1,89+1 | 2,54+0 | 1,95+0 |
| 65 | 1,41+1 | 2,46+0 | 2,93+1 | 5,37+1 | 9,23+1 | 1,08+2 | 6,93+1 | 1,22+1 | 3,07+0 | 3,78+0 |
| 67 | 2,57+1 | 4,93+0 | 2,25+1 | 4,06+1 | 7,33+1 | 8,98+1 | 5,75+1 | 9,87+0 | 3,21+0 | 7,34+0 |
| 69 | 4,67+1 | 9,88+0 | 1,75+1 | 3,13+1 | 6,16+1 | 8,05+1 | 5,28+1 | 8,98+0 | 4,37+0 | 1,42+1 |
| 71 | 8,52+1 | 1,98+1 | 1,61+1 | 2,51+1 | 6,62+1 | 1,20+2 | 6,49+1 | 1,00+1 | 7,64+0 | 2,77+1 |
| 73 | 1,55+2 | 3,97+1 | 1,74+1 | 2,24+1 | 8,86+1 | 2,45+2 | 1,01+2 | 1,46+1 | 1,49+1 | 5,37+1 |
| 75 | 2,83+2 | 7,96+1 | 2,41+1 | 2,48+1 | 1,46+2 | 6,01+2 | 1,85+2 | 2,59+1 | 3,05+1 | 1,04+2 |
| 80 | 1,27+3 | 4,53+2 | 1,29+2 | 1,02+2 | 4,41+2 | 1,14+3 | 5,70+2 | 1,56+2 | 1,92+2 | 5,48+2 |
| 85 | 5,68+3 | 3,16+3 | 1,52+3 | 1,30+3 | 2,69+3 | 3,63+3 | 3,15+3 | 1,72+3 | 1,95+3 | 3,53+3 |
| 90 | 2,55+4 | 2,21+4 | 1,85+4 | 1,78+4 | 1,81+4 | 1,42+4 | 1,90+4 | 1,92+4 | 1,98+4 | 2,28+4 |
| 95 | 8,73+4 | 1,01+5 | 1,21+5 | 1,26+5 | 8,79+4 | 4,70+4 | 8,79+4 | 1,26+5 | 1,21+5 | 1,01+5 |
| 105 | 1,23+5 | 1,51+5 | 1,94+5 | 2,05+5 | 1,67+5 | 1,17+5 | 1,67+5 | 2,05+5 | 1,94+5 | 1,51+5 |

Таблица 45 — Январь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 1,37+0 | 1,77+0 | 1,28+0 | 1,13+0 | — | — | — |
| 50 | — | — | — | 1,00+1 | 1,25+1 | 8,52+0 | 7,96+0 | 1,37+0 | — | — |
| 53 | — | — | 1,72+0 | 2,30+1 | 2,91+1 | 2,02+1 | 1,85+1 | 3,16+0 | — | — |
| 55 | — | — | 3,21+0 | 3,33+1 | 4,31+1 | 3,11+1 | 2,74+1 | 4,58+0 | — | — |
| 57 | — | — | 5,10+0 | 3,68+1 | 4,91+1 | 3,76+1 | 3,13+1 | 5,06+0 | — | — |
| 59 | — | — | 6,58+0 | 3,85+1 | 5,37+1 | 4,43+1 | 3,42+1 | 5,30+0 | — | — |
| 61 | — | — | 7,26+0 | 3,98+1 | 5,85+1 | 5,30+1 | 3,73+1 | 5,48+0 | — | — |
| 63 | — | — | 7,73+0 | 3,35+1 | 5,25+1 | 5,32+1 | 3,36+1 | 4,63+0 | — | — |
| 65 | — | — | 8,10+0 | 2,41+1 | 4,09+1 | 4,72+1 | 2,64+1 | 3,38+0 | — | — |
| 67 | — | — | 6,92+0 | 1,81+1 | 3,26+1 | 4,13+1 | 2,15+1 | 2,63+0 | — | — |
| 69 | 1,12+0 | — | 5,56+0 | 1,38+1 | 2,65+1 | 3,67+1 | 1,82+1 | 2,20+0 | — | — |
| 71 | 2,05+0 | — | 4,78+0 | 1,06+1 | 2,58+1 | 5,04+1 | 1,93+1 | 2,11+0 | — | — |
| 73 | 3,73+0 | 1,91+0 | 4,37+0 | 8,50+0 | 3,02+1 | 1,01+2 | 2,60+1 | 2,56+0 | 1,80+0 | 2,59+0 |
| 75 | 6,79+0 | 3,84+0 | 4,66+0 | 7,51+0 | 4,25+1 | 2,56+2 | 4,31+1 | 4,00+0 | 3,57+0 | 5,03+0 |
| 80 | 3,04+1 | 2,18+1 | 1,58+1 | 1,61+1 | 1,04+2 | 5,98+2 | 1,29+2 | 2,17+1 | 2,22+1 | 2,64+1 |
| 85 | 1,36+2 | 1,56+2 | 1,84+2 | 1,91+2 | 6,38+2 | 2,02+3 | 7,45+2 | 2,51+2 | 2,36+2 | 1,74+2 |
| 90 | 5,78+2 | 1,07+3 | 2,32+3 | 2,73+3 | 4,57+3 | 8,58+3 | 4,78+3 | 2,96+3 | 2,49+3 | 1,11+3 |
| 95 | 2,62+3 | 5,85+3 | 1,60+4 | 1,97+4 | 2,39+4 | 3,34+4 | 2,39+4 | 1,97+4 | 1,60+4 | 5,85+3 |
| 105 | 3,84+3 | 8,95+3 | 2,57+4 | 3,22+4 | 4,63+4 | 8,74+4 | 4,63+4 | 3,22+4 | 2,57+4 | 8,95+3 |

Таблица 46 — Январь, $\bar{W} = 100$, $\varphi = 55^\circ$ с. ш., $\lambda = 355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 146,1° | 120,0° | 95,0° | 90,0° | 85,0° | 76,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,5 | 7,5 | 8,1 | 9,0 | 12,0 | 15,0 | 15,8 | 16,5 | 19,5 |
| 45 | — | — | — | 1,32+0 | 1,71+0 | 1,23+0 | 1,09+0 | — | — | — |
| 50 | — | — | — | 3,87+0 | 4,83+0 | 3,29+0 | 3,08+0 | — | — | — |
| 53 | — | — | — | 9,76+0 | 1,23+1 | 8,59+0 | 7,86+0 | 1,34+0 | — | — |
| 55 | — | — | 1,11+0 | 2,13+1 | 2,76+1 | 1,99+1 | 1,75+1 | 2,93+0 | — | — |
| 57 | — | — | 2,99+0 | 3,00+1 | 4,01+1 | 3,07+1 | 2,55+1 | 4,13+0 | — | — |
| 59 | — | — | 5,01+0 | 3,66+1 | 5,10+1 | 4,20+1 | 3,25+1 | 5,03+0 | — | — |
| 61 | — | — | 6,54+0 | 4,30+1 | 6,32+1 | 5,72+1 | 4,03+1 | 5,92+0 | — | — |
| 63 | — | — | 7,64+0 | 4,03+1 | 6,32+1 | 6,40+1 | 4,04+1 | 5,56+0 | — | — |
| 65 | — | — | 9,17+0 | 3,15+1 | 5,34+1 | 6,17+1 | 3,44+1 | 4,40+0 | — | — |
| 67 | — | — | 8,46+0 | 2,37+1 | 4,37+1 | 5,80+1 | 2,85+1 | 3,40+0 | — | — |
| 69 | 1,12+0 | — | 7,05+0 | 1,80+1 | 3,53+1 | 5,12+1 | 2,39+1 | 2,79+0 | — | — |
| 71 | 2,05+0 | — | 6,01+0 | 1,38+1 | 3,39+1 | 6,93+1 | 2,47+1 | 2,57+0 | 1,08+0 | 1,35+0 |
| 73 | 3,73+0 | 1,94+0 | 5,40+0 | 1,09+1 | 4,02+1 | 1,49+2 | 3,31+1 | 2,94+0 | 1,90+0 | 2,62+0 |
| 75 | 6,79+0 | 3,88+0 | 5,51+0 | 9,38+0 | 5,62+1 | 4,03+2 | 5,44+1 | 4,35+0 | 3,71+0 | 5,09+0 |
| 80 | 3,04+1 | 2,21+1 | 1,66+1 | 1,74+1 | 1,20+2 | 7,99+2 | 1,47+2 | 2,25+1 | 2,28+1 | 2,67+1 |
| 85 | 1,36+2 | 1,57+2 | 1,89+2 | 1,98+2 | 6,96+2 | 2,43+3 | 8,12+2 | 2,59+2 | 2,42+2 | 1,76+2 |
| 90 | 5,78+2 | 1,09+3 | 2,39+3 | 2,82+3 | 4,81+3 | 9,37+3 | 5,04+3 | 3,05+3 | 2,56+3 | 1,12+3 |
| 95 | 2,62+3 | 5,92+3 | 1,64+4 | 2,03+4 | 2,39+4 | 3,17+4 | 2,39+4 | 2,03+4 | 1,64+4 | 5,92+3 |
| 105 | 3,84+3 | 9,06+3 | 2,65+4 | 3,32+4 | 4,58+4 | 8,07+4 | 4,58+4 | 3,32+4 | 2,65+4 | 9,06+3 |

Таблица 47 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,31+0 | 1,49+0 | — | — | — |
| 50 | — | — | — | 9,56+0 | 1,01+1 | 1,84+0 | — | — |
| 53 | — | — | 1,72+0 | 2,18+1 | 2,37+1 | 4,19+0 | — | — |
| 55 | — | — | 3,21+0 | 3,14+1 | 3,57+1 | 6,04+0 | — | — |
| 57 | — | — | 5,08+0 | 3,46+1 | 4,22+1 | 6,67+0 | — | — |
| 59 | — | — | 6,55+0 | 3,63+1 | 4,85+1 | 6,99+0 | — | — |
| 61 | — | — | 7,25+0 | 3,72+1 | 5,59+1 | 7,18+0 | — | — |
| 63 | — | — | 7,75+0 | 3,08+1 | 5,31+1 | 5,96+0 | — | — |
| 65 | — | — | 8,07+0 | 2,16+1 | 4,41+1 | 4,24+0 | — | — |
| 67 | 1,14+0 | — | 6,80+0 | 1,63+1 | 3,71+1 | 3,30+0 | — | — |
| 69 | 2,08+0 | — | 5,47+0 | 1,24+1 | 3,26+1 | 2,74+0 | — | 1,18+0 |
| 71 | 3,79+0 | — | 4,79+0 | 9,65+0 | 4,19+1 | 2,60+0 | 1,32+0 | 2,27+0 |
| 73 | 6,91+0 | 1,68+0 | 4,57+0 | 7,90+0 | 7,30+1 | 3,12+0 | 2,42+0 | 4,38+0 |
| 75 | 1,26+1 | 6,63+0 | 5,24+0 | 7,38+0 | 1,58+2 | 4,85+0 | 4,82+0 | 8,45+0 |
| 80 | 5,64+1 | 3,68+1 | 2,08+1 | 1,97+1 | 3,90+2 | 2,67+1 | 3,00+1 | 4,37+1 |
| 85 | 2,53+2 | 2,50+2 | 2,46+2 | 2,46+2 | 1,55+3 | 3,14+2 | 3,15+2 | 2,76+2 |
| 90 | 1,10+3 | 1,67+3 | 3,08+3 | 3,51+3 | 7,38+3 | 3,76+3 | 3,31+3 | 1,72+3 |
| 95 | 4,41+3 | 8,23+3 | 2,08+4 | 2,52+4 | 3,09+4 | 2,52+4 | 2,08+4 | 8,23+3 |
| 105 | 6,36+3 | 1,24+4 | 3,34+4 | 4,12+4 | 7,28+4 | 4,12+4 | 3,34+4 | 1,24+4 |

Таблица 48 — Январь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,26+0 | 1,44+0 | — | — | — |
| 50 | — | — | — | 3,69+0 | 3,91+0 | — | — | — |
| 53 | — | — | — | 9,16+0 | 9,97+0 | 1,76+0 | — | — |
| 55 | — | — | 1,12+0 | 1,99+1 | 2,27+1 | 3,84+0 | — | — |
| 57 | — | — | 2,96+0 | 2,82+1 | 3,44+1 | 5,43+0 | — | — |
| 59 | — | — | 4,98+0 | 3,44+1 | 4,60+1 | 6,63+0 | — | — |
| 61 | — | — | 6,53+0 | 4,02+1 | 6,04+1 | 7,76+0 | — | — |
| 63 | — | — | 7,67+0 | 3,71+1 | 6,40+1 | 7,17+0 | — | — |
| 65 | — | — | 9,14+0 | 2,83+1 | 5,76+1 | 5,53+0 | — | — |
| 67 | 1,14+0 | — | 8,32+0 | 2,13+1 | 5,12+1 | 4,27+0 | — | — |
| 69 | 2,08+0 | — | 6,92+0 | 1,62+1 | 4,46+1 | 3,48+0 | — | 1,19+0 |
| 71 | 3,79+0 | 1,70+0 | 6,00+0 | 1,25+1 | 5,61+1 | 3,19+0 | 1,43+0 | 2,30+0 |
| 73 | 6,91+0 | 3,38+0 | 5,58+0 | 1,01+1 | 1,02+2 | 3,60+0 | 2,55+0 | 4,43+0 |
| 75 | 1,26+1 | 6,71+0 | 6,10+0 | 9,09+0 | 2,30+2 | 5,30+0 | 5,01+0 | 8,56+0 |
| 80 | 5,64+1 | 3,73+1 | 2,18+1 | 2,11+1 | 4,95+2 | 2,78+1 | 3,09+1 | 4,42+1 |
| 85 | 2,53+2 | 2,53+2 | 2,54+2 | 2,55+2 | 1,81+3 | 3,25+2 | 3,25+2 | 2,80+2 |
| 90 | 1,10+3 | 1,69+3 | 3,18+3 | 3,63+3 | 8,01+3 | 3,90+3 | 3,41+3 | 1,74+3 |
| 95 | 4,41+3 | 8,34+3 | 2,14+4 | 2,61+4 | 3,01+4 | 2,61+4 | 2,14+4 | 8,34+3 |
| 105 | 6,36+3 | 1,26+4 | 3,45+4 | 4,27+4 | 6,93+4 | 4,27+4 | 3,45+4 | 1,26+4 |

Таблица 49 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=165^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | h f, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,22+0 | 1,38+0 | — | — | — |
| 50 | — | — | — | 8,87+0 | 9,36+0 | 1,58+0 | — | — |
| 53 | — | — | 1,48+0 | 2,04+1 | 2,21+1 | 3,64+0 | — | — |
| 55 | — | — | 2,78+0 | 2,96+1 | 3,36+1 | 5,29+0 | — | — |
| 57 | — | — | 4,43+0 | 3,27+1 | 3,98+1 | 5,84+0 | — | — |
| 59 | — | — | 5,72+0 | 3,43+1 | 4,57+1 | 6,12+0 | — | — |
| 61 | — | — | 6,35+0 | 3,54+1 | 5,30+1 | 6,33+0 | — | — |
| 63 | — | — | 6,79+0 | 2,99+1 | 5,15+1 | 5,37+0 | — | — |
| 65 | — | — | 7,16+0 | 2,17+1 | 4,40+1 | 3,93+0 | — | — |
| 67 | — | — | 6,18+0 | 1,63+1 | 3,77+1 | 3,03+0 | — | — |
| 69 | — | — | 5,02+0 | 1,24+1 | 3,29+1 | 2,47+0 | — | — |
| 71 | 1,81+0 | — | 4,34+0 | 9,58+0 | 4,08+1 | 2,26+0 | — | 1,27+0 |
| 73 | 3,30+0 | 1,86+0 | 4,01+0 | 7,69+0 | 7,05+1 | 2,56+0 | 1,74+0 | 2,44+0 |
| 75 | 6,02+0 | 3,70+0 | 4,32+0 | 6,85+0 | 1,52+2 | 3,77+0 | 3,41+0 | 4,71+0 |
| 80 | 2,70+1 | 2,05+1 | 1,49+1 | 1,52+1 | 3,73+2 | 1,97+1 | 2,11+1 | 2,44+1 |
| 85 | 1,21+2 | 1,40+2 | 1,74+2 | 1,83+2 | 1,48+3 | 2,33+2 | 2,22+1 | 1,54+2 |
| 90 | 5,08+2 | 9,12+2 | 2,18+3 | 2,61+3 | 7,03+3 | 2,81+3 | 2,34+3 | 9,39+2 |
| 95 | 2,38+3 | 4,99+3 | 1,50+4 | 1,89+4 | 2,96+4 | 1,89+4 | 1,50+4 | 4,99+3 |
| 105 | 3,50+3 | 7,62+3 | 2,41+4 | 3,08+4 | 6,96+4 | 3,08+4 | 2,41+4 | 7,62+3 |

Таблица 50 — Январь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=165^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,17+0 | 1,33+0 | — | — | — |
| 50 | — | — | — | 3,43+0 | 3,62+0 | — | — | — |
| 53 | — | — | — | 8,69+0 | 9,41+0 | 1,55+0 | — | — |
| 55 | — | — | — | 1,90+1 | 2,16+1 | 3,39+0 | — | — |
| 57 | — | — | 2,61+0 | 2,67+1 | 3,25+1 | 4,77+0 | — | — |
| 59 | — | — | 4,38+0 | 3,25+1 | 4,34+1 | 5,81+0 | — | — |
| 61 | — | — | 5,72+0 | 3,83+1 | 5,72+1 | 6,84+0 | — | — |
| 63 | — | — | 6,71+0 | 3,60+1 | 6,19+1 | 6,45+0 | — | — |
| 65 | — | — | 8,10+0 | 2,84+1 | 5,74+1 | 5,12+0 | — | — |
| 67 | — | — | 7,55+0 | 2,13+1 | 5,19+1 | 3,93+0 | — | — |
| 69 | — | — | 6,34+0 | 1,62+1 | 4,49+1 | 3,16+0 | — | — |
| 71 | 1,81+0 | — | 5,45+0 | 1,24+1 | 5,48+1 | 2,79+0 | 1,06+0 | 1,28+0 |
| 73 | 3,30+0 | 1,88+0 | 4,93+0 | 9,87+0 | 9,89+1 | 2,98+0 | 1,83+0 | 2,47+0 |
| 75 | 6,02+0 | 3,74+0 | 5,10+0 | 8,53+0 | 2,22+2 | 4,14+0 | 3,54+0 | 4,77+0 |
| 80 | 2,70+1 | 2,08+1 | 1,57+1 | 1,64+1 | 4,72+2 | 2,05+1 | 2,16+1 | 2,46+1 |
| 85 | 1,21+2 | 1,41+2 | 1,79+2 | 1,89+2 | 1,71+3 | 2,40+2 | 2,28+2 | 1,56+2 |
| 90 | 5,08+2 | 9,22+2 | 2,23+3 | 2,69+3 | 7,57+3 | 2,89+3 | 2,40+3 | 9,49+2 |
| 95 | 2,38+3 | 5,05+3 | 1,54+4 | 1,94+4 | 2,85+4 | 1,94+4 | 1,54+4 | 5,05+3 |
| 105 | 3,50+3 | 7,71+3 | 2,48+4 | 3,17+4 | 6,59+4 | 3,17+4 | 2,48+4 | 7,71+3 |

Таблица 51 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 2,69+0 | 3,10+0 | — | — | — |
| 50 | — | — | 1,62+0 | 1,97+1 | 2,12+1 | 5,20+0 | — | — |
| 53 | — | — | 4,47+0 | 4,39+1 | 4,83+1 | 1,16+1 | — | — |
| 55 | — | — | 8,24+0 | 6,15+1 | 7,09+1 | 1,62+1 | — | — |
| 57 | — | — | 1,27+1 | 6,80+1 | 8,40+1 | 1,79+1 | 1,24+0 | — |
| 59 | 1,61+0 | — | 1,63+1 | 7,12+1 | 9,65+1 | 1,88+1 | 1,61+0 | — |
| 61 | 2,93+0 | — | 1,80+1 | 7,25+1 | 1,10+2 | 1,92+1 | 1,82+0 | — |
| 63 | 5,34+0 | 1,05+0 | 1,95+1 | 5,34+1 | 9,37+1 | 1,42+1 | 2,07+0 | 1,59+0 |
| 65 | 9,72+0 | 2,08+0 | 1,92+1 | 3,22+1 | 6,74+1 | 8,81+0 | 2,26+0 | 3,07+0 |
| 67 | 1,77+1 | 4,14+0 | 1,43+1 | 2,44+1 | 5,37+1 | 7,09+0 | 2,33+0 | 5,92+0 |
| 69 | 3,23+1 | 8,22+0 | 1,05+1 | 1,89+1 | 4,81+1 | 6,39+0 | 3,22+0 | 1,14+1 |
| 71 | 5,88+1 | 1,63+1 | 1,11+1 | 1,54+1 | 7,00+1 | 7,07+0 | 5,72+0 | 2,20+1 |
| 73 | 1,07+2 | 3,24+1 | 1,18+1 | 1,42+1 | 1,24+2 | 1,02+1 | 1,12+1 | 4,25+1 |
| 75 | 1,95+2 | 6,43+1 | 1,71+1 | 1,66+1 | 2,63+2 | 1,81+1 | 2,30+1 | 8,20+1 |
| 80 | 8,75+2 | 3,57+2 | 9,68+1 | 7,53+1 | 6,41+2 | 1,10+2 | 1,45+2 | 4,24+2 |
| 85 | 3,92+3 | 2,39+3 | 1,15+3 | 9,88+2 | 2,59+3 | 1,27+3 | 1,48+3 | 2,65+3 |
| 90 | 1,76+4 | 1,60+4 | 1,40+4 | 1,36+4 | 1,23+4 | 1,46+4 | 1,50+4 | 1,65+4 |
| 95 | 6,05+4 | 7,15+4 | 9,17+4 | 9,67+4 | 5,07+4 | 9,67+4 | 9,17+4 | 7,15+4 |
| 105 | 8,51+4 | 1,06+5 | 1,47+5 | 1,58+5 | 1,19+5 | 1,58+5 | 1,47+5 | 1,06+5 |

Таблица 52 — Январь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t , ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 2,63+0 | 3,03+0 | — | — | — |
| 50 | — | — | 1,08+0 | 7,57+0 | 8,12+0 | 1,99+0 | — | — |
| 53 | — | — | 1,91+0 | 1,78+1 | 1,96+1 | 4,70+0 | — | — |
| 55 | — | — | 2,78+0 | 3,80+1 | 4,38+1 | 1,00+1 | — | — |
| 57 | — | — | 7,19+0 | 5,48+1 | 6,77+1 | 1,45+1 | — | — |
| 59 | 1,61+0 | — | 1,22+1 | 6,73+1 | 9,13+1 | 1,78+1 | 1,22+0 | — |
| 61 | 2,93+0 | — | 1,61+1 | 7,86+1 | 1,20+2 | 2,08+1 | 1,64+0 | — |
| 63 | 5,34+0 | 1,07+0 | 1,94+1 | 6,45+1 | 1,13+2 | 1,72+1 | 2,06+0 | 1,62+0 |
| 65 | 9,72+0 | 2,13+0 | 2,17+1 | 4,23+1 | 8,80+1 | 1,15+1 | 2,53+0 | 3,13+0 |
| 67 | 1,77+1 | 4,22+0 | 1,74+1 | 3,19+1 | 7,44+1 | 9,11+0 | 2,67+0 | 6,04+0 |
| 69 | 3,23+1 | 8,38+0 | 1,39+1 | 2,46+1 | 6,71+1 | 7,98+0 | 3,58+0 | 1,16+1 |
| 71 | 5,88+1 | 1,66+1 | 1,29+1 | 1,98+1 | 9,27+1 | 8,39+0 | 6,16+0 | 2,25+1 |
| 73 | 1,07+2 | 3,30+1 | 1,39+1 | 1,76+1 | 1,72+2 | 1,14+1 | 1,19+1 | 4,34+1 |
| 75 | 1,95+2 | 6,56+1 | 1,92+1 | 1,96+1 | 3,83+2 | 1,96+1 | 2,42+1 | 8,37+1 |
| 80 | 8,75+2 | 3,64+2 | 1,02+2 | 8,06+1 | 8,41+2 | 1,17+2 | 1,52+2 | 4,33+2 |
| 85 | 3,92+3 | 2,44+3 | 1,21+3 | 1,05+3 | 3,14+3 | 1,34+3 | 1,55+3 | 2,70+3 |
| 90 | 1,76+4 | 1,64+4 | 1,47+4 | 1,44+4 | 1,39+4 | 1,55+4 | 1,58+4 | 1,68+4 |
| 95 | 6,05+4 | 7,30+4 | 9,64+4 | 1,02+5 | 5,14+5 | 1,02+5 | 9,64+4 | 7,30+4 |
| 105 | 8,51+4 | 1,08+5 | 1,55+5 | 1,67+5 | 1,17+5 | 1,67+5 | 1,55+5 | 1,08+5 |

Таблица 53 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 3,43+0 | 4,04+0 | 1,52+0 | — | — |
| 50 | — | — | 2,10+0 | 2,53+1 | 2,76+1 | 1,12+1 | — | — |
| 53 | — | — | 5,78+0 | 5,50+1 | 6,17+1 | 2,43+1 | — | — |
| 55 | — | — | 1,05+1 | 7,53+1 | 8,85+1 | 3,33+1 | 1,76+0 | — |
| 57 | 1,18+0 | — | 1,59+1 | 8,34+1 | 1,05+2 | 3,69+1 | 2,66+0 | — |
| 59 | 2,15+0 | — | 2,02+1 | 8,72+1 | 1,21+2 | 3,86+1 | 3,39+0 | — |
| 61 | 3,91+0 | — | 2,23+1 | 8,44+1 | 1,31+2 | 3,73+1 | 3,78+0 | 1,00+0 |
| 63 | 7,13+0 | 1,28+0 | 2,41+1 | 5,58+1 | 1,00+2 | 2,48+1 | 4,17+0 | 1,94+0 |
| 65 | 1,30+1 | 2,54+0 | 2,18+1 | 2,96+1 | 6,34+1 | 1,34+1 | 4,02+0 | 3,74+0 |
| 67 | 2,37+1 | 5,04+0 | 1,45+1 | 2,24+1 | 4,90+1 | 1,05+1 | 3,35+0 | 7,21+0 |
| 69 | 4,32+1 | 1,00+1 | 1,07+1 | 1,74+1 | 4,26+1 | 9,03+0 | 3,95+0 | 1,39+1 |
| 71 | 7,86+1 | 1,99+1 | 1,03+1 | 1,43+1 | 7,88+1 | 9,13+0 | 6,48+0 | 2,68+1 |
| 73 | 1,43+2 | 3,95+1 | 1,18+1 | 1,34+1 | 1,31+2 | 1,19+1 | 1,22+1 | 5,18+1 |
| 75 | 2,61+2 | 7,84+1 | 1,77+1 | 1,62+1 | 2,50+2 | 1,97+1 | 2,46+1 | 1,00+2 |
| 80 | 1,17+3 | 4,35+2 | 1,03+2 | 7,73+1 | 5,48+2 | 1,15+2 | 1,54+2 | 5,17+2 |
| 85 | 5,24+3 | 2,83+3 | 1,13+3 | 9,33+2 | 2,25+3 | 1,19+3 | 1,45+3 | 3,12+3 |
| 90 | 2,35+4 | 1,83+4 | 1,27+4 | 1,18+4 | 1,06+4 | 1,26+4 | 1,36+4 | 1,89+4 |
| 95 | 8,07+4 | 8,07+4 | 8,05+4 | 8,05+4 | 4,25+4 | 8,05+4 | 8,05+4 | 8,07+4 |
| 105 | 1,14+5 | 1,20+5 | 1,29+5 | 1,31+5 | 9,92+4 | 1,31+5 | 1,29+5 | 1,20+5 |

Таблица 54 — Январь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 3,38+0 | 3,98+0 | 1,49+0 | — | — |
| 50 | — | — | 1,41+0 | 9,65+0 | 1,06+1 | 4,26+0 | — | — |
| 53 | — | — | 2,46+0 | 2,17+1 | 2,44+1 | 9,59+0 | — | — |
| 55 | — | — | 3,47+0 | 4,55+1 | 5,35+1 | 2,01+1 | — | — |
| 57 | 1,18+0 | — | 8,78+0 | 6,66+1 | 8,40+1 | 2,94+1 | 1,48+0 | — |
| 59 | 2,15+0 | — | 1,50+1 | 8,23+1 | 1,14+2 | 3,64+1 | 2,53+0 | — |
| 61 | 3,91+0 | — | 1,99+1 | 9,16+1 | 1,42+2 | 4,05+1 | 3,39+0 | 1,04+0 |
| 63 | 7,13+0 | 1,33+0 | 2,39+1 | 6,74+1 | 1,21+2 | 2,99+1 | 4,17+0 | 2,01+0 |
| 65 | 1,30+1 | 2,63+0 | 2,48+1 | 3,84+1 | 8,18+1 | 1,73+1 | 4,56+0 | 3,88+0 |
| 67 | 2,37+1 | 5,23+0 | 1,77+1 | 2,90+1 | 6,76+1 | 1,35+1 | 3,95+0 | 7,48+0 |
| 69 | 4,32+1 | 1,04+1 | 1,34+1 | 2,25+1 | 6,56+1 | 1,14+1 | 4,56+0 | 1,44+1 |
| 71 | 7,86+1 | 2,06+1 | 1,26+1 | 1,82+1 | 1,05+2 | 1,12+1 | 7,27+0 | 2,78+1 |
| 73 | 1,43+2 | 4,09+1 | 1,40+1 | 1,67+1 | 1,84+2 | 1,39+1 | 1,35+1 | 5,37+1 |
| 75 | 2,61+2 | 8,13+1 | 2,02+1 | 1,93+1 | 3,69+2 | 2,24+1 | 2,71+1 | 1,04+2 |
| 80 | 1,17+3 | 4,51+2 | 1,13+2 | 8,62+1 | 7,73+2 | 1,27+2 | 1,69+2 | 5,36+2 |
| 85 | 5,24+3 | 2,93+3 | 1,24+3 | 1,03+3 | 2,99+3 | 1,32+3 | 1,58+3 | 3,24+3 |
| 90 | 2,35+4 | 1,90+4 | 1,39+4 | 1,30+4 | 1,31+4 | 1,40+4 | 1,49+4 | 1,96+4 |
| 95 | 8,07+4 | 8,36+4 | 8,81+4 | 8,90+4 | 4,68+4 | 8,90+4 | 8,81+4 | 8,36+4 |
| 105 | 1,14+5 | 1,24+5 | 1,41+5 | 1,45+5 | 1,04+5 | 1,45+5 | 1,41+5 | 1,24+5 |

Т а б л и ц а 55 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,94+0 | 2,30+0 | 1,06+0 | — | — |
| 50 | — | — | 1,06+0 | 1,43+1 | 1,57+1 | 7,82+0 | — | — |
| 53 | — | — | 2,91+0 | 3,09+1 | 3,50+1 | 1,69+1 | — | — |
| 55 | — | — | 5,31+0 | 4,21+1 | 5,00+1 | 2,31+1 | 1,17+0 | — |
| 57 | — | — | 7,96+0 | 4,67+1 | 5,94+1 | 2,56+1 | 1,76+0 | — |
| 59 | — | — | 1,01+1 | 4,88+1 | 6,81+1 | 2,68+1 | 2,24+0 | — |
| 61 | — | — | 1,12+1 | 4,45+1 | 6,98+1 | 2,45+1 | 2,48+0 | — |
| 63 | 1,44+0 | — | 1,17+1 | 2,97+1 | 5,36+1 | 1,64+1 | 2,62+0 | — |
| 65 | 2,62+0 | — | 1,04+1 | 1,60+1 | 3,43+1 | 8,89+0 | 2,40+0 | — |
| 67 | 4,78+0 | 1,23+0 | 6,94+0 | 1,21+1 | 2,72+1 | 6,84+0 | 1,81+0 | 1,76+0 |
| 69 | 8,71+0 | 2,45+0 | 5,08+0 | 9,31+0 | 2,32+1 | 5,54+0 | 1,77+0 | 3,40+0 |
| 71 | 1,59+1 | 4,86+0 | 4,64+0 | 7,43+0 | 4,91+1 | 4,98+0 | 2,48+0 | 6,56+0 |
| 73 | 2,89+1 | 9,65+0 | 4,89+0 | 6,52+0 | 7,74+1 | 5,48+0 | 4,25+0 | 1,27+1 |
| 75 | 5,27+1 | 1,92+1 | 6,57+0 | 7,02+0 | 1,36+2 | 7,84+0 | 8,21+0 | 2,44+1 |
| 80 | 2,36+2 | 1,06+2 | 3,37+1 | 2,74+1 | 2,77+2 | 4,00+1 | 5,02+1 | 1,26+2 |
| 85 | 1,06+3 | 6,78+2 | 3,51+2 | 3,06+2 | 1,15+3 | 3,91+2 | 4,49+2 | 7,50+2 |
| 90 | 4,77+3 | 4,33+3 | 3,76+3 | 3,65+3 | 5,39+3 | 3,92+3 | 4,04+3 | 4,46+3 |
| 95 | 1,71+4 | 1,94+4 | 2,35+4 | 2,45+4 | 2,12+4 | 2,45+4 | 2,35+4 | 1,94+4 |
| 105 | 2,41+4 | 2,89+4 | 3,78+4 | 4,00+4 | 4,94+4 | 4,00+4 | 3,78+4 | 2,89+4 |

89 Таблица 56 — Январь, $\bar{W}=100$ $\varphi=60^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,91+0 | 2,27+0 | 1,05+0 | — | — |
| 50 | — | — | — | 5,44+0 | 6,01+0 | 2,99+0 | — | — |
| 53 | — | — | 1,24+0 | 1,21+1 | 1,38+1 | 6,66+0 | — | — |
| 55 | — | — | 1,74+0 | 2,53+1 | 3,01+1 | 1,39+1 | — | — |
| 57 | — | — | 4,38+0 | 3,72+1 | 4,73+1 | 2,04+1 | — | — |
| 59 | — | — | 7,47+0 | 4,60+1 | 6,42+1 | 2,53+1 | 1,66+0 | — |
| 61 | — | — | 9,93+0 | 4,84+1 | 7,58+1 | 2,66+1 | 2,21+0 | — |
| 63 | 1,44+0 | — | 1,16+1 | 3,58+1 | 6,46+1 | 1,97+1 | 2,62+0 | — |
| 65 | 2,62+0 | — | 1,18+1 | 2,05+1 | 4,39+1 | 1,14+1 | 2,72+0 | — |
| 67 | 4,78+0 | 1,29+0 | 8,41+0 | 1,55+1 | 3,70+1 | 8,73+0 | 2,16+0 | 1,85+0 |
| 69 | 8,71+0 | 2,56+0 | 6,29+0 | 1,19+1 | 3,79+1 | 7,02+0 | 2,11+0 | 3,56+0 |
| 71 | 1,59+1 | 5,09+0 | 5,70+0 | 9,43+0 | 6,57+1 | 6,21+0 | 2,87+0 | 6,87+0 |
| 73 | 2,89+1 | 1,01+1 | 5,89+0 | 8,16+0 | 1,09+2 | 6,64+0 | 4,84+0 | 1,33+1 |
| 75 | 5,27+1 | 2,01+1 | 7,68+0 | 8,55+0 | 2,03+2 | 9,22+0 | 9,25+0 | 2,56+1 |
| 80 | 2,36+2 | 1,11+2 | 3,79+1 | 3,14+1 | 4,08+2 | 4,56+1 | 5,62+1 | 1,32+2 |
| 85 | 1,06+3 | 7,10+2 | 3,93+2 | 3,47+2 | 1,60+3 | 4,44+2 | 5,03+2 | 7,85+2 |
| 90 | 4,77+3 | 4,54+3 | 4,21+3 | 4,15+3 | 7,00+3 | 4,45+3 | 4,52+3 | 4,67+3 |
| 95 | 1,71+4 | 2,03+4 | 2,63+4 | 2,78+4 | 2,46+4 | 2,78+4 | 2,63+4 | 2,03+4 |
| 105 | 2,41+4 | 3,02+4 | 4,23+4 | 4,54+4 | 5,36+4 | 4,54+4 | 4,23+4 | 3,02+4 |

Таблица 57 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | h z, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 4,31+0 | 5,04+0 | 1,68+0 | — | — |
| 50 | — | — | 2,68+0 | 3,17+1 | 3,45+1 | 1,23+1 | — | — |
| 53 | — | — | 7,38+0 | 6,92+1 | 7,73+1 | 2,69+1 | 1,06+0 | — |
| 55 | — | — | 1,35+1 | 9,52+1 | 1,11+2 | 3,71+1 | 1,94+0 | — |
| 57 | 1,76+0 | — | 2,04+1 | 1,05+2 | 1,32+2 | 4,11+1 | 2,95+0 | — |
| 59 | 3,21+0 | — | 2,60+1 | 1,10+2 | 1,52+2 | 4,30+1 | 3,77+0 | — |
| 61 | 5,84+0 | — | 2,87+1 | 1,10+2 | 1,69+2 | 4,27+1 | 4,22+0 | 1,46+0 |
| 63 | 1,06+1 | 1,86+0 | 3,14+1 | 7,26+1 | 1,29+2 | 2,85+1 | 4,74+0 | 2,81+0 |
| 65 | 1,94+1 | 3,69+0 | 2,88+1 | 3,86+1 | 8,21+1 | 1,54+1 | 4,70+0 | 5,43+0 |
| 67 | 3,53+1 | 7,33+0 | 1,91+1 | 2,92+1 | 6,31+1 | 1,23+1 | 4,09+0 | 1,05+1 |
| 69 | 6,44+1 | 1,45+1 | 1,42+1 | 2,28+1 | 5,55+1 | 1,07+1 | 5,13+0 | 2,02+1 |
| 71 | 1,17+2 | 2,89+1 | 1,37+1 | 1,88+1 | 9,47+1 | 1,13+1 | 8,75+0 | 3,90+1 |
| 73 | 2,14+2 | 5,73+1 | 1,60+1 | 1,78+1 | 1,61+2 | 1,54+1 | 1,68+1 | 7,53+1 |
| 75 | 3,90+2 | 1,14+2 | 2,43+1 | 2,19+1 | 3,17+2 | 2,65+1 | 3,42+1 | 1,45+2 |
| 80 | 1,75+3 | 6,32+2 | 1,43+2 | 1,07+2 | 7,17+2 | 1,58+2 | 2,15+2 | 7,51+2 |
| 85 | 7,82+3 | 4,14+3 | 1,61+3 | 1,32+3 | 2,93+3 | 1,70+3 | 2,07+3 | 4,58+3 |
| 90 | 3,51+4 | 2,71+4 | 1,86+4 | 1,71+4 | 1,38+4 | 1,84+4 | 1,99+4 | 2,79+4 |
| 95 | 1,20+5 | 1,19+5 | 1,19+5 | 1,18+5 | 5,59+4 | 1,18+5 | 1,19+5 | 1,19+5 |
| 105 | 1,69+5 | 1,77+5 | 1,90+5 | 1,93+5 | 1,31+5 | 1,93+5 | 1,90+5 | 1,77+5 |

Таблица 58 — Январь, $\bar{W}=100$ ф=60° с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 4,24+0 | 4,96+0 | 1,65+0 | — | — |
| 50 | — | — | 1,80+0 | 1,21+1 | 1,32+1 | 4,71+0 | — | — |
| 53 | — | — | 3,14+0 | 2,75+1 | 3,07+1 | 1,07+1 | — | — |
| 55 | — | — | 4,45+0 | 5,77+1 | 6,75+1 | 2,25+1 | — | — |
| 57 | 1,76+0 | — | 1,13+1 | 8,43+1 | 1,06+2 | 3,28+1 | 1,65+0 | — |
| 59 | 3,21+0 | — | 1,93+1 | 1,04+2 | 1,43+2 | 4,06+1 | 2,82+0 | — |
| 61 | 5,84+0 | — | 2,56+1 | 1,19+2 | 1,84+2 | 4,64+1 | 3,79+0 | 1,51+0 |
| 63 | 1,06+1 | 1,92+0 | 3,12+1 | 8,78+1 | 1,56+2 | 3,44+1 | 4,74+0 | 2,90+0 |
| 65 | 1,94+1 | 3,81+0 | 3,28+1 | 5,02+1 | 1,06+2 | 2,00+1 | 5,30+0 | 5,60+0 |
| 67 | 3,53+1 | 7,56+0 | 2,34+1 | 3,79+1 | 8,73+1 | 1,57+1 | 4,79+0 | 1,08+1 |
| 69 | 6,44+1 | 1,50+1 | 1,78+1 | 2,94+1 | 8,26+1 | 1,35+1 | 5,85+0 | 2,09+1 |
| 71 | 1,17+2 | 2,98+1 | 1,68+1 | 2,39+1 | 1,26+2 | 1,37+1 | 9,69+0 | 4,02+1 |
| 73 | 2,14+2 | 5,92+1 | 1,89+1 | 2,21+1 | 2,25+2 | 1,79+1 | 1,84+1 | 7,77+1 |
| 75 | 3,90+2 | 1,17+2 | 2,75+1 | 2,59+1 | 4,65+2 | 2,97+1 | 3,71+1 | 1,50+2 |
| 80 | 1,75+3 | 6,53+2 | 1,55+2 | 1,18+2 | 9,91+2 | 1,73+2 | 2,33+2 | 7,75+2 |
| 85 | 7,82+3 | 4,27+3 | 1,75+3 | 1,45+3 | 3,79+3 | 1,85+3 | 2,24+3 | 4,73+3 |
| 90 | 3,51+4 | 2,80+4 | 2,01+4 | 1,87+4 | 1,67+4 | 2,01+4 | 2,15+4 | 2,88+4 |
| 95 | 1,20+5 | 1,23+5 | 1,28+5 | 1,29+5 | 6,02+4 | 1,29+5 | 1,28+5 | 1,23+5 |
| 105 | 1,69+5 | 1,83+5 | 2,06+5 | 2,11+5 | 1,34+5 | 2,11+5 | 2,06+5 | 1,83+5 |

Таблица 59 — Январь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_m , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 2,02+0 | 2,32+0 | — | — | — |
| 50 | — | — | 1,16+0 | 1,48+1 | 1,58+1 | 3,53+0 | — | — |
| 53 | — | — | 3,22+0 | 3,31+1 | 3,62+1 | 7,90+0 | — | — |
| 55 | — | — | 5,95+0 | 4,66+1 | 5,36+1 | 1,11+1 | — | — |
| 57 | — | — | 9,22+0 | 5,16+1 | 6,35+1 | 1,23+1 | — | — |
| 59 | — | — | 1,18+1 | 5,40+1 | 7,29+1 | 1,29+1 | 1,07+0 | — |
| 61 | 1,55+0 | — | 1,31+1 | 5,49+1 | 8,33+1 | 1,32+1 | 1,22+0 | — |
| 63 | 2,82+0 | — | 1,41+1 | 4,21+1 | 7,36+1 | 1,02+1 | 1,37+0 | — |
| 65 | 5,14+0 | 1,21+0 | 1,41+1 | 2,68+1 | 5,56+1 | 6,62+0 | 1,53+0 | 1,78+0 |
| 67 | 9,37+0 | 2,41+0 | 1,10+1 | 2,03+1 | 4,51+1 | 5,30+0 | 1,61+0 | 3,44+0 |
| 69 | 1,71+1 | 4,78+0 | 8,65+0 | 1,56+1 | 4,03+1 | 4,72+0 | 2,21+0 | 6,64+0 |
| 71 | 3,11+1 | 9,48+0 | 8,02+0 | 1,26+1 | 5,70+1 | 5,10+0 | 3,86+0 | 1,28+1 |
| 73 | 5,67+1 | 1,88+1 | 8,69+0 | 1,13+1 | 1,01+2 | 7,17+0 | 7,53+0 | 2,47+1 |
| 75 | 1,03+2 | 3,74+1 | 1,21+1 | 1,26+1 | 2,17+2 | 1,26+1 | 1,54+1 | 4,77+1 |
| 80 | 4,63+2 | 2,08+2 | 6,50+1 | 5,24+1 | 5,36+2 | 7,61+1 | 9,69+1 | 2,47+2 |
| 85 | 2,08+3 | 1,40+3 | 7,79+2 | 6,89+2 | 2,15+3 | 8,82+2 | 9,98+2 | 1,55+3 |
| 90 | 9,28+3 | 9,40+3 | 9,58+3 | 9,62+3 | 1,02+4 | 1,03+4 | 1,03+4 | 9,68+3 |
| 95 | 3,23+4 | 4,23+4 | 6,31+4 | 6,86+4 | 4,25+4 | 6,86+4 | 6,31+4 | 4,23+4 |
| 105 | 4,55+4 | 6,28+4 | 1,01+5 | 1,12+5 | 9,98+4 | 1,12+5 | 1,01+5 | 6,28+4 |

Таблица 60 — Январь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 141,1° | 120,0° | 95,0° | 90,0° | 81,0° | 90,0° | 95,0° | 120,0° |
| | h t, ч | | | | | | | |
| | 0,0 | 4,4 | 7,9 | 8,8 | 12,0 | 15,1 | 16,1 | 19,6 |
| 45 | — | — | — | 1,96+0 | 2,26+0 | — | — | — |
| 50 | — | — | — | 5,67+0 | 6,07+0 | 1,36+0 | — | — |
| 53 | — | — | 1,38+0 | 1,36+1 | 1,49+1 | 3,24+0 | — | — |
| 55 | — | — | 2,02+0 | 2,90+1 | 3,34+1 | 6,94+0 | — | — |
| 57 | — | — | 5,26+0 | 4,17+1 | 5,13+1 | 9,97+0 | — | — |
| 59 | — | — | 8,90+0 | 5,11+1 | 6,90+1 | 1,22+1 | — | — |
| 61 | 1,55+0 | — | 1,17+1 | 5,95+1 | 9,03+1 | 1,43+1 | 1,10+0 | — |
| 63 | 2,82+0 | — | 1,40+1 | 5,09+1 | 8,89+1 | 1,23+1 | 1,37+0 | — |
| 65 | 5,14+0 | 1,23+0 | 1,60+1 | 3,52+1 | 7,27+1 | 8,63+0 | 1,71+0 | 1,81+0 |
| 67 | 9,37+0 | 2,45+0 | 1,34+1 | 2,65+1 | 6,25+1 | 6,82+0 | 1,85+0 | 3,50+0 |
| 69 | 1,71+1 | 4,86+0 | 1,09+1 | 2,04+1 | 5,58+1 | 5,90+0 | 2,45+0 | 6,75+0 |
| 71 | 3,11+1 | 9,65+0 | 9,90+0 | 1,62+1 | 7,56+1 | 6,08+0 | 4,14+0 | 1,30+1 |
| 73 | 5,67+1 | 1,92+1 | 1,03+1 | 1,41+1 | 1,40+2 | 8,08+0 | 7,95+0 | 2,51+1 |
| 75 | 1,03+2 | 3,80+1 | 1,36+1 | 1,49+1 | 3,16+2 | 1,36+1 | 1,61+1 | 4,85+1 |
| 80 | 4,63+2 | 2,11+2 | 6,84+1 | 5,59+1 | 6,95+2 | 8,01+1 | 1,01+2 | 2,51+2 |
| 85 | 2,08+3 | 1,42+3 | 8,14+2 | 7,24+2 | 2,58+3 | 9,26+2 | 1,04+3 | 1,57+3 |
| 90 | 9,28+3 | 9,57+3 | 1,00+4 | 1,01+4 | 1,14+4 | 1,08+4 | 1,07+4 | 9,85+3 |
| 95 | 3,23+4 | 4,30+4 | 6,59+4 | 7,21+4 | 4,25+4 | 7,21+4 | 6,59+4 | 4,30+4 |
| 105 | 4,55+4 | 6,39+4 | 1,06+5 | 1,18+5 | 9,69+4 | 1,18+5 | 1,06+5 | 6,39+4 |

Таблица 61 — Январь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,79+0 | — | — |
| 50 | — | — | 1,16+0 | 2,04+1 | — | — |
| 53 | — | — | 3,21+0 | 4,55+1 | — | — |
| 55 | — | — | 5,93+0 | 6,41+1 | — | — |
| 57 | — | — | 9,18+0 | 7,09+1 | 1,13+0 | — |
| 59 | 1,13+0 | — | 1,18+1 | 7,42+1 | 1,46+0 | — |
| 61 | 2,06+0 | — | 1,31+1 | 7,56+1 | 1,65+0 | — |
| 63 | 3,75+0 | — | 1,43+1 | 5,71+1 | 1,86+0 | 1,39+0 |
| 65 | 6,83+0 | 1,91+0 | 1,43+1 | 3,59+1 | 2,02+0 | 2,66+0 |
| 67 | 1,25+1 | 3,75+0 | 1,10+1 | 2,77+1 | 2,01+0 | 5,09+0 |
| 69 | 2,27+1 | 7,35+0 | 8,75+0 | 2,24+1 | 2,61+0 | 9,74+0 |
| 71 | 4,13+1 | 1,44+1 | 8,34+0 | 1,99+1 | 4,45+0 | 1,86+1 |
| 73 | 7,53+1 | 2,82+1 | 9,47+0 | 2,13+1 | 8,60+0 | 3,57+1 |
| 75 | 1,37+2 | 5,54+1 | 1,39+1 | 2,88+1 | 1,76+1 | 6,82+1 |
| 80 | 6,15+2 | 2,98+2 | 7,88+1 | 1,25+2 | 1,12+2 | 3,46+2 |
| 85 | 2,76+3 | 1,89+3 | 9,36+2 | 1,24+3 | 1,16+3 | 2,06+3 |
| 90 | 1,23+4 | 1,20+4 | 1,13+4 | 1,27+4 | 1,21+4 | 1,23+4 |
| 95 | 4,27+4 | 5,17+4 | 7,40+4 | 7,99+4 | 7,40+4 | 5,17+4 |
| 105 | 6,01+4 | 7,62+4 | 1,19+5 | 1,30+5 | 1,19+5 | 7,62+4 |

Таблица 62 — Январь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,71+0 | — | — |
| 50 | — | — | — | 7,83+0 | — | — |
| 53 | — | — | 1,38+0 | 1,86+1 | — | — |
| 55 | — | — | 2,03+0 | 3,98+1 | — | — |
| 57 | — | — | 5,25+0 | 5,72+1 | — | — |
| 59 | 1,13+0 | — | 8,90+0 | 7,02+1 | 1,11+0 | — |
| 61 | 2,06+0 | — | 1,18+1 | 8,19+1 | 1,49+0 | — |
| 63 | 3,75+0 | — | 1,42+1 | 6,90+1 | 1,85+0 | 1,41+0 |
| 65 | 6,83+0 | 1,94+0 | 1,62+1 | 4,70+1 | 2,26+0 | 2,70+0 |
| 67 | 1,25+1 | 3,80+0 | 1,35+1 | 3,60+1 | 2,33+0 | 5,17+0 |
| 69 | 2,27+1 | 7,46+0 | 1,10+1 | 2,88+1 | 2,93+0 | 9,89+0 |
| 71 | 4,13+1 | 1,46+1 | 1,02+1 | 2,49+1 | 4,81+0 | 1,89+1 |
| 73 | 7,53+1 | 2,87+1 | 1,11+1 | 2,54+1 | 9,12+0 | 3,62+1 |
| 75 | 1,37+2 | 5,63+1 | 1,55+1 | 3,25+1 | 1,85+1 | 6,93+1 |
| 80 | 6,15+2 | 3,03+2 | 8,29+1 | 1,33+2 | 1,18+2 | 3,51+2 |
| 85 | 2,76+3 | 1,92+3 | 9,79+2 | 1,31+3 | 1,22+3 | 2,09+3 |
| 90 | 1,23+4 | 1,22+4 | 1,19+4 | 1,33+4 | 1,26+4 | 1,25+4 |
| 95 | 4,27+4 | 5,26+4 | 7,75+4 | 8,41+4 | 7,75+4 | 5,26+4 |
| 105 | 6,01+4 | 7,74+4 | 1,24+5 | 1,37+5 | 1,24+5 | 7,74+4 |

Таблица 63 — Январь, $\bar{W}=10$, $\varphi=65^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 5,55+0 | — | — |
| 50 | — | — | 2,47+0 | 4,08+1 | — | — |
| 53 | — | — | 6,80+0 | 8,93+1 | 1,09+0 | — |
| 55 | 1,05+0 | — | 1,24+1 | 1,23+2 | 2,00+0 | — |
| 57 | 1,91+0 | — | 1,89+1 | 1,36+2 | 3,04+0 | — |
| 59 | 3,48+0 | — | 2,42+1 | 1,43+2 | 3,91+0 | 1,01+0 |
| 61 | 6,33+0 | 1,32+0 | 2,68+1 | 1,43+2 | 4,39+0 | 1,93+0 |
| 63 | 1,15+1 | 2,59+0 | 2,96+1 | 9,60+1 | 4,96+0 | 3,69+0 |
| 65 | 2,10+1 | 5,08+0 | 2,76+1 | 5,20+1 | 4,96+0 | 7,07+0 |
| 67 | 3,83+1 | 9,96+0 | 1,87+1 | 4,04+1 | 4,31+0 | 1,35+1 |
| 69 | 6,98+1 | 1,95+1 | 1,42+1 | 3,34+1 | 5,33+0 | 2,59+1 |
| 71 | 1,27+2 | 3,83+1 | 1,39+1 | 3,10+1 | 9,04+0 | 4,95+1 |
| 73 | 2,32+2 | 7,51+1 | 1,68+1 | 3,54+1 | 1,74+1 | 9,48+1 |
| 75 | 4,22+2 | 1,47+2 | 2,63+1 | 5,12+1 | 3,56+1 | 1,81+2 |
| 80 | 1,89+3 | 7,93+2 | 1,59+2 | 2,38+2 | 2,27+2 | 9,19+2 |
| 85 | 8,48+3 | 4,94+3 | 1,80+3 | 2,24+3 | 2,23+3 | 5,38+3 |
| 90 | 3,80+4 | 3,08+4 | 2,07+4 | 2,15+4 | 2,20+4 | 3,15+4 |
| 95 | 1,30+5 | 1,31+5 | 1,32+5 | 1,32+5 | 1,32+5 | 1,31+5 |
| 105 | 1,83+5 | 1,92+5 | 2,11+5 | 2,16+5 | 2,11+5 | 1,92+5 |

Таблица 64 — Январь, $\bar{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 5,45+0 | — | — |
| 50 | — | — | 1,67+0 | 1,56+1 | — | — |
| 53 | — | — | 2,92+0 | 3,56+1 | — | — |
| 55 | 1,05+0 | — | 4,16+0 | 7,49+1 | — | — |
| 57 | 1,91+0 | — | 1,06+1 | 1,09+2 | 1,71+0 | — |
| 59 | 3,48+0 | — | 1,80+1 | 1,35+2 | 2,93+0 | 1,03+0 |
| 61 | 6,33+0 | 1,35+0 | 2,40+1 | 1,56+2 | 3,94+0 | 1,98+0 |
| 63 | 1,15+1 | 2,66+0 | 2,94+1 | 1,16+2 | 4,95+0 | 3,79+0 |
| 65 | 2,10+1 | 5,21+0 | 3,13+1 | 6,76+1 | 5,59+0 | 7,25+0 |
| 67 | 3,83+1 | 1,02+1 | 2,28+1 | 5,22+1 | 5,04+0 | 1,39+1 |
| 69 | 6,98+1 | 2,00+1 | 1,76+1 | 4,25+1 | 6,08+0 | 2,65+1 |
| 71 | 1,27+2 | 3,93+1 | 1,70+1 | 3,85+1 | 9,98+0 | 5,08+1 |
| 73 | 2,32+2 | 7,70+1 | 1,97+1 | 4,20+1 | 1,89+1 | 9,72+1 |
| 75 | 4,22+2 | 1,51+2 | 2,95+1 | 5,83+1 | 3,84+1 | 1,86+2 |
| 80 | 1,89+3 | 8,13+2 | 1,71+2 | 2,60+2 | 2,44+2 | 9,42+2 |
| 85 | 8,48+3 | 5,06+3 | 1,93+3 | 2,43+3 | 2,40+3 | 5,52+3 |
| 90 | 3,80+4 | 3,15+4 | 2,22+4 | 2,33+4 | 2,36+4 | 3,23+4 |
| 95 | 1,30+5 | 1,34+5 | 1,42+5 | 1,43+5 | 1,42+5 | 1,34+5 |
| 105 | 1,83+5 | 1,97+5 | 2,27+5 | 2,34+5 | 2,27+5 | 1,97+5 |

Таблица 65 — Январь, $\overline{W}=10$, $\varphi=65^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,18+0 | — | — |
| 50 | — | — | — | 1,61+1 | — | — |
| 53 | — | — | 2,18+0 | 3,48+1 | — | — |
| 55 | — | — | 3,97+0 | 4,74+1 | — | — |
| 57 | — | — | 5,97+0 | 5,25+1 | 1,47+0 | — |
| 59 | — | — | 7,61+0 | 5,49+1 | 1,88+0 | — |
| 61 | — | — | 8,43+0 | 4,95+1 | 2,09+0 | — |
| 63 | — | — | 8,81+0 | 3,30+1 | 2,20+0 | — |
| 65 | 1,45+0 | — | 7,83+0 | 1,79+1 | 2,00+0 | — |
| 67 | 2,65+0 | — | 5,28+0 | 1,36+1 | 1,47+0 | 1,22+0 |
| 69 | 4,82+0 | 1,76+0 | 3,89+0 | 1,08+1 | 1,36+0 | 2,33+0 |
| 71 | 8,79+0 | 3,45+0 | 3,55+0 | 9,11+0 | 1,78+0 | 4,47+0 |
| 73 | 1,60+1 | 6,77+0 | 3,69+0 | 8,86+0 | 2,92+0 | 8,55+0 |
| 75 | 2,92+1 | 1,33+1 | 4,85+0 | 1,07+1 | 5,54+0 | 1,64+1 |
| 80 | 1,31+2 | 7,16+1 | 2,40+1 | 4,06+1 | 3,39+1 | 8,29+1 |
| 85 | 5,86+2 | 4,32+2 | 2,44+2 | 3,34+2 | 3,03+2 | 4,70+2 |
| 90 | 2,65+3 | 2,62+3 | 2,56+3 | 2,89+3 | 2,73+3 | 2,69+3 |
| 95 | 9,88+3 | 1,17+4 | 1,59+4 | 1,70+4 | 1,59+4 | 1,17+4 |
| 105 | 1,40+4 | 1,73+4 | 2,56+4 | 2,78+4 | 2,56+4 | 1,73+4 |

Таблица 66 — Январь, $\overline{W}=100$, $\varphi=65^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,15+0 | — | — |
| 50 | — | — | — | 6,13+0 | — | — |
| 53 | — | — | — | 1,36+1 | — | — |
| 55 | — | — | 1,31+0 | 2,85+1 | — | — |
| 57 | — | — | 3,30+0 | 4,18+1 | — | — |
| 59 | — | — | 5,63+0 | 5,18+1 | 1,40+0 | — |
| 61 | — | — | 7,52+0 | 5,38+1 | 1,87+0 | — |
| 63 | — | — | 8,80+0 | 3,97+1 | 2,20+0 | — |
| 65 | 1,45+0 | — | 8,88+0 | 2,28+1 | 2,27+0 | — |
| 67 | 2,65+0 | — | 6,38+0 | 1,73+1 | 1,76+0 | 1,27+0 |
| 69 | 4,82+0 | 1,84+0 | 4,80+0 | 1,37+1 | 1,63+0 | 2,43+0 |
| 71 | 8,79+0 | 3,60+0 | 4,35+0 | 1,14+1 | 2,09+0 | 4,66+0 |
| 73 | 1,60+1 | 7,06+0 | 4,44+0 | 1,09+1 | 3,35+0 | 8,91+0 |
| 75 | 2,92+1 | 1,38+1 | 5,68+0 | 1,29+1 | 6,28+0 | 1,71+1 |
| 80 | 1,31+2 | 7,46+1 | 2,72+1 | 4,67+1 | 3,82+1 | 8,64+1 |
| 85 | 5,86+2 | 4,50+2 | 2,75+2 | 3,82+2 | 3,41+2 | 4,90+2 |
| 90 | 2,65+3 | 2,73+3 | 2,88+3 | 3,30+3 | 3,07+3 | 2,80+3 |
| 95 | 9,88+3 | 1,22+4 | 1,79+4 | 1,95+4 | 1,79+4 | 1,22+4 |
| 105 | 1,40+4 | 1,80+4 | 2,88+4 | 3,18+4 | 2,88+4 | 1,80+4 |

Таблица 67 — Январь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 1,93+0 | — | — |
| 50 | — | — | — | 1,42+1 | — | — |
| 53 | — | — | 1,54+0 | 3,08+1 | — | — |
| 55 | — | — | 2,81+0 | 4,20+1 | — | — |
| 57 | — | — | 4,22+0 | 4,65+1 | 1,25+0 | — |
| 59 | — | — | 5,38+0 | 4,86+1 | 1,59+0 | — |
| 61 | — | — | 5,96+0 | 4,23+1 | 1,77+0 | — |
| 63 | — | — | 6,15+0 | 2,74+1 | 1,83+0 | — |
| 65 | — | — | 5,30+0 | 1,44+1 | 1,59+0 | — |
| 67 | — | — | 3,47+0 | 1,09+1 | 1,08+0 | — |
| 69 | — | — | 2,49+0 | 8,45+0 | — | — |
| 71 | — | — | 2,19+0 | 6,78+0 | — | — |
| 73 | 1,18+0 | — | 2,08+0 | 5,93+0 | 1,28+0 | 1,61+0 |
| 75 | 2,14+0 | 1,28+0 | 2,08+0 | 5,93+0 | 1,28+0 | 1,61+0 |
| 80 | 3,90+0 | 2,50+0 | 2,34+0 | 6,14+0 | 2,15+0 | 3,08+0 |
| 85 | 1,75+1 | 1,35+1 | 8,87+0 | 1,74+1 | 1,22+1 | 1,56+1 |
| 90 | 7,84+1 | 8,00+1 | 8,34+1 | 1,30+2 | 1,04+2 | 8,72+1 |
| 95 | 3,85+2 | 5,06+2 | 8,46+2 | 1,07+3 | 9,00+2 | 5,19+2 |
| 95 | 2,20+3 | 3,02+3 | 5,44+3 | 6,16+3 | 5,44+3 | 3,02+3 |
| 105 | 3,25+3 | 4,60+3 | 8,78+3 | 1,01+4 | 8,78+3 | 4,60+3 |

Таблица 68 — Январь, $\bar{W}=100$, $\varphi=65^\circ$ с ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|-------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 1,91+0 | — | — |
| 50 | — | — | — | 5,42+0 | — | — |
| 53 | — | — | — | 1,21+1 | — | — |
| 55 | — | — | — | 2,52+1 | — | — |
| 57 | — | — | — | 2,33+0 | 3,71+1 | — |
| 59 | — | — | — | 3,98+0 | 4,59+1 | 1,18+0 |
| 61 | — | — | — | 5,31+0 | 4,59+1 | 1,58+0 |
| 63 | — | — | — | 6,16+0 | 3,28+1 | 1,83+0 |
| 65 | — | — | — | 6,00+0 | 1,82+1 | 1,80+0 |
| 67 | — | — | — | 4,16+0 | 1,37+1 | 1,29+0 |
| 69 | — | — | — | 3,05+0 | 1,06+1 | 1,05+0 |
| 71 | — | — | — | 2,67+0 | 8,48+0 | 1,13+0 |
| 73 | 1,18+0 | — | — | 2,51+0 | 7,36+0 | 1,51+0 |
| 75 | 2,14+0 | 1,34+0 | — | 2,79+0 | 7,51+0 | 2,51+0 |
| 80 | 3,90+0 | 2,63+0 | — | 1,03+1 | 2,06+1 | 1,40+1 |
| 85 | 1,75+1 | 1,42+1 | — | 8,41+1 | 1,53+2 | 1,19+2 |
| 90 | 7,84+1 | 8,41+1 | — | 9,62+1 | 9,75+2 | 1,25+3 |
| 95 | 3,85+2 | 5,32+2 | — | 1,53+2 | 1,19+2 | 9,16+1 |
| 95 | 2,20+3 | 3,17+3 | — | 6,27+3 | 7,25+3 | 6,27+3 |
| 105 | 3,25+3 | 4,83+3 | — | 1,01+4 | 1,18+4 | 1,01+4 |

Таблица 69 — Январь, $\overline{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,84+0 | — | — |
| 50 | — | — | 1,16+0 | 2,09+1 | — | — |
| 53 | — | — | 3,19+0 | 4,53+1 | — | — |
| 55 | — | — | 5,82+0 | 6,19+1 | 1,26+0 | — |
| 57 | — | — | 8,75+0 | 6,85+1 | 1,90+0 | — |
| 59 | — | — | 1,12+1 | 7,17+1 | 2,43+0 | — |
| 61 | 1,53+0 | — | 1,24+1 | 6,67+1 | 2,72+0 | — |
| 63 | 2,79+0 | — | 1,31+1 | 4,46+1 | 2,92+0 | — |
| 65 | 5,08+0 | 1,37+0 | 1,19+1 | 2,42+1 | 2,74+0 | 1,90+0 |
| 67 | 9,25+0 | 2,68+0 | 8,03+0 | 1,86+1 | 2,14+0 | 3,64+0 |
| 69 | 1,69+1 | 5,26+0 | 6,00+0 | 1,51+1 | 2,24+0 | 6,97+0 |
| 71 | 3,07+1 | 1,03+1 | 5,70+0 | 1,34+1 | 3,36+0 | 1,33+1 |
| 73 | 5,60+1 | 2,02+1 | 6,43+0 | 1,43+1 | 6,04+0 | 2,55+1 |
| 75 | 1,02+2 | 3,97+1 | 9,38+0 | 1,92+1 | 1,20+1 | 4,89+1 |
| 80 | 4,57+2 | 2,14+2 | 5,27+1 | 8,31+1 | 7,51+1 | 2,47+2 |
| 85 | 2,05+3 | 1,30+3 | 5,57+2 | 7,20+2 | 6,93+2 | 1,42+3 |
| 90 | 9,20+3 | 7,94+3 | 6,02+3 | 6,43+3 | 6,41+3 | 8,13+3 |
| 95 | 3,21+4 | 3,39+4 | 3,76+4 | 3,84+4 | 3,76+4 | 3,39+4 |
| 105 | 4,52+4 | 5,00+4 | 6,02+4 | 6,26+4 | 6,02+4 | 5,00+4 |

Таблица 70 — Январь, $\overline{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 2,80+0 | — | — |
| 50 | — | — | — | 7,97+0 | — | — |
| 53 | — | — | 1,37+0 | 1,78+1 | — | — |
| 55 | — | — | 1,93+0 | 3,72+1 | — | — |
| 57 | — | — | 4,85+0 | 5,47+1 | 1,06+0 | — |
| 59 | — | — | 8,28+0 | 6,76+1 | 1,81+0 | — |
| 61 | 1,53+0 | — | 1,10+1 | 7,24+1 | 2,43+0 | — |
| 63 | 2,79+0 | — | 1,31+1 | 5,37+1 | 2,92+0 | 1,03+0 |
| 65 | 5,08+0 | 1,42+0 | 1,35+1 | 3,10+1 | 3,10+0 | 1,97+0 |
| 67 | 9,25+0 | 2,78+0 | 9,74+0 | 2,38+1 | 2,55+0 | 3,78+0 |
| 69 | 1,69+1 | 5,45+0 | 7,43+0 | 1,91+1 | 2,64+0 | 7,23+0 |
| 71 | 3,07+1 | 1,07+1 | 6,96+0 | 1,67+1 | 3,85+0 | 1,38+1 |
| 73 | 5,60+1 | 2,10+1 | 7,65+0 | 1,73+1 | 6,79+0 | 2,65+1 |
| 75 | 1,02+2 | 4,11+1 | 1,08+1 | 2,26+1 | 1,33+1 | 5,07+1 |
| 80 | 4,57+2 | 2,22+2 | 5,87+1 | 9,40+1 | 8,34+1 | 2,57+2 |
| 85 | 2,05+3 | 1,35+3 | 6,18+2 | 8,10+2 | 7,69+2 | 1,47+3 |
| 90 | 9,20+3 | 8,23+3 | 6,68+3 | 7,23+3 | 7,11+3 | 8,43+3 |
| 95 | 3,21+4 | 3,52+4 | 4,17+4 | 4,32+4 | 4,17+4 | 3,52+4 |
| 105 | 4,52+4 | 5,18+4 | 6,68+4 | 7,05+4 | 6,68+4 | 5,18+4 |

Таблица 7 — Январь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 5,41+0 | — | — |
| 50 | — | — | 2,40+0 | 3,97+1 | — | — |
| 53 | — | — | 6,62+0 | 8,73+1 | — | — |
| 55 | 1,03+0 | — | 1,21+1 | 1,21+2 | 1,82+0 | — |
| 57 | 1,88+0 | — | 1,85+1 | 1,34+2 | 2,79+0 | — |
| 59 | 3,42+0 | — | 2,37+1 | 1,40+2 | 3,59+0 | 1,00+0 |
| 61 | 6,24+0 | 1,31+0 | 2,63+1 | 1,42+2 | 4,04+0 | 1,92+0 |
| 63 | 1,14+1 | 2,57+0 | 2,91+1 | 9,66+1 | 4,58+0 | 3,67+0 |
| 65 | 2,07+1 | 5,05+0 | 2,74+1 | 5,33+1 | 4,66+0 | 7,03+0 |
| 67 | 3,77+1 | 9,90+0 | 1,89+1 | 4,14+1 | 4,18+0 | 1,34+1 |
| 69 | 6,87+1 | 1,94+1 | 1,44+1 | 3,42+1 | 5,29+0 | 2,57+1 |
| 71 | 1,25+2 | 3,81+1 | 1,42+1 | 3,18+1 | 9,07+0 | 4,92+1 |
| 73 | 2,28+2 | 7,47+1 | 1,71+1 | 3,61+1 | 1,76+1 | 9,42+1 |
| 75 | 4,16+2 | 1,46+2 | 2,67+1 | 5,21+1 | 3,60+1 | 1,80+2 |
| 80 | 1,86+3 | 7,89+2 | 1,61+2 | 2,42+2 | 2,30+2 | 9,13+2 |
| 85 | 8,35+3 | 4,93+3 | 1,84+3 | 2,31+3 | 2,29+3 | 5,37+3 |
| 90 | 3,74+4 | 3,09+4 | 2,15+4 | 2,25+4 | 2,29+4 | 3,16+4 |
| 95 | 1,28+5 | 1,31+5 | 1,38+5 | 1,39+5 | 1,38+5 | 1,31+5 |
| 105 | 1,80+5 | 1,93+5 | 2,21+5 | 2,27+5 | 2,21+5 | 1,93+5 |

Таблица 72 — Январь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 136,1° | 120,0° | 95,0° | 86,0° | 95,0° | 120,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,3 | 8,5 | 12,0 | 15,5 | 19,7 |
| 45 | — | — | — | 5,30+0 | — | — |
| 50 | — | — | 1,62+0 | 1,52+1 | — | — |
| 53 | — | — | 2,85+0 | 3,49+1 | — | — |
| 55 | 1,03+0 | — | 4,08+0 | 7,37+1 | — | — |
| 57 | 1,88+0 | — | 1,04+1 | 1,07+2 | 1,58+0 | — |
| 59 | 3,42+0 | — | 1,77+1 | 1,32+2 | 2,70+0 | 1,03+0 |
| 61 | 6,24+0 | 1,34+0 | 2,35+1 | 1,54+2 | 3,63+0 | 1,96+0 |
| 63 | 1,14+1 | 2,63+0 | 2,89+1 | 1,17+2 | 4,57+0 | 3,76+0 |
| 65 | 2,07+1 | 5,16+0 | 3,12+1 | 6,95+1 | 5,25+0 | 7,19+0 |
| 67 | 3,77+1 | 1,01+1 | 2,31+1 | 5,36+1 | 4,87+0 | 1,38+1 |
| 69 | 6,87+1 | 1,99+1 | 1,80+1 | 4,36+1 | 5,99+0 | 2,63+1 |
| 71 | 1,25+2 | 3,89+1 | 1,73+1 | 3,94+1 | 9,95+0 | 5,04+1 |
| 73 | 2,28+2 | 7,64+1 | 1,99+1 | 4,28+1 | 1,90+1 | 9,64+1 |
| 75 | 4,16+2 | 1,50+2 | 2,98+1 | 5,90+1 | 3,86+1 | 1,84+2 |
| 80 | 1,86+3 | 8,07+2 | 1,72+2 | 2,62+2 | 2,45+2 | 9,34+2 |
| 85 | 8,35+3 | 5,05+3 | 1,97+3 | 2,49+3 | 2,45+3 | 5,50+3 |
| 90 | 3,74+4 | 3,16+4 | 2,29+4 | 2,43+4 | 2,44+4 | 3,23+4 |
| 95 | 1,28+5 | 1,34+5 | 1,47+5 | 1,50+5 | 1,47+5 | 1,34+5 |
| 105 | 1,80+5 | 1,98+5 | 2,36+5 | 2,45+5 | 2,36+5 | 1,98+5 |

Таблица 73 — Январь, $\overline{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=30^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,18+0 | — |
| 50 | — | — | 1,58+1 | — |
| 53 | — | — | 3,46+1 | — |
| 55 | 1,05+0 | — | 4,82+1 | — |
| 57 | 1,92+0 | — | 5,41+1 | — |
| 59 | 3,50+0 | — | 5,76+1 | 1,33+0 |
| 61 | 6,38+0 | 1,87+0 | 5,89+1 | 2,52+0 |
| 63 | 1,16+1 | 3,61+0 | 4,06+1 | 4,77+0 |
| 65 | 2,12+1 | 6,97+0 | 2,27+1 | 9,02+0 |
| 67 | 3,86+1 | 1,34+1 | 1,78+1 | 1,71+1 |
| 69 | 7,03+1 | 2,59+1 | 1,45+1 | 3,23+1 |
| 71 | 1,28+2 | 5,01+1 | 1,31+1 | 6,12+1 |
| 73 | 2,33+2 | 9,67+1 | 1,44+1 | 1,16+2 |
| 75 | 4,25+2 | 1,87+2 | 2,10+1 | 2,20+2 |
| 80 | 1,91+3 | 9,65+2 | 1,24+2 | 1,08+3 |
| 85 | 8,54+3 | 5,60+3 | 1,55+3 | 5,99+3 |
| 90 | 3,83+4 | 3,25+4 | 1,97+4 | 3,31+4 |
| 95 | 1,31+5 | 1,32+5 | 1,34+5 | 1,32+5 |
| 105 | 1,84+5 | 1,92+5 | 2,18+5 | 1,92+5 |

Таблица 74 — Январь, $\overline{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=30^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,14+0 | — |
| 50 | — | — | 6,20+0 | — |
| 53 | — | — | 1,42+1 | — |
| 55 | 1,05+0 | — | 2,97+1 | — |
| 57 | 1,92+0 | — | 4,36+1 | — |
| 59 | 3,50+0 | — | 5,45+1 | 1,36+0 |
| 61 | 6,38+0 | 1,91+0 | 6,38+1 | 2,57+0 |
| 63 | 1,16+1 | 3,68+0 | 4,89+1 | 4,86+0 |
| 65 | 2,12+1 | 7,10+0 | 2,93+1 | 9,20+0 |
| 67 | 3,86+1 | 1,37+1 | 2,29+1 | 1,74+1 |
| 69 | 7,03+1 | 2,65+1 | 1,86+1 | 3,30+1 |
| 71 | 1,28+2 | 5,11+1 | 1,63+1 | 6,24+1 |
| 73 | 2,33+2 | 9,85+1 | 1,72+1 | 1,18+2 |
| 75 | 4,25+2 | 1,90+2 | 2,40+1 | 2,24+2 |
| 80 | 1,91+3 | 9,84+2 | 1,35+2 | 1,10+3 |
| 85 | 8,54+3 | 5,71+3 | 1,67+3 | 6,10+3 |
| 90 | 3,83+4 | 3,31+4 | 2,13+4 | 3,37+4 |
| 95 | 1,31+5 | 1,34+5 | 1,45+5 | 1,34+5 |
| 105 | 1,84+5 | 1,96+5 | 2,36+5 | 1,96+5 |

Таблица 75 — Январь, $\overline{W}=10$, $\Phi=70^\circ$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,09+0 | — |
| 50 | — | — | 1,51+1 | — |
| 53 | — | — | 3,33+1 | — |
| 55 | 1,02+0 | — | 4,66+1 | — |
| 57 | 1,86+0 | — | 5,23+1 | — |
| 59 | 3,38+0 | — | 5,56+1 | 1,30+0 |
| 61 | 6,17+0 | 1,82+0 | 5,74+1 | 2,46+0 |
| 63 | 1,12+1 | 3,52+0 | 4,02+1 | 4,65+0 |
| 65 | 2,05+1 | 6,80+0 | 2,29+1 | 8,80+0 |
| 67 | 3,73+1 | 1,31+1 | 1,80+1 | 1,67+1 |
| 69 | 6,80+1 | 2,53+1 | 1,47+1 | 3,16+1 |
| 71 | 1,24+2 | 4,89+1 | 1,32+1 | 5,98+1 |
| 73 | 2,26+2 | 9,43+1 | 1,44+1 | 1,13+2 |
| 75 | 4,11+2 | 1,82+2 | 2,11+1 | 2,14+2 |
| 80 | 1,84+3 | 9,42+2 | 1,24+2 | 1,06+3 |
| 85 | 8,26+3 | 5,48+3 | 1,57+3 | 5,86+3 |
| 90 | 3,70+4 | 3,19+4 | 2,02+4 | 3,25+4 |
| 95 | 1,27+5 | 1,30+5 | 1,39+5 | 1,30+5 |
| 105 | 1,78+5 | 1,89+5 | 2,26+5 | 1,89+5 |

Таблица 76 — Январь, $\overline{W}=100$, $\Phi=70^\circ$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,05+0 | — |
| 50 | — | — | 5,95+0 | — |
| 53 | — | — | 1,37+1 | — |
| 55 | 1,02+0 | — | 2,88+1 | — |
| 57 | 1,86+0 | — | 4,22+1 | — |
| 59 | 3,38+0 | — | 5,26+1 | 1,32+0 |
| 61 | 6,17+0 | 1,86+0 | 6,22+1 | 2,50+0 |
| 63 | 1,12+1 | 3,58+0 | 4,84+1 | 4,73+0 |
| 65 | 2,05+1 | 6,92+0 | 2,97+1 | 8,96+0 |
| 67 | 3,73+1 | 1,33+1 | 1,33+1 | 1,70+1 |
| 69 | 6,80+1 | 2,58+1 | 1,88+1 | 3,21+1 |
| 71 | 1,24+2 | 4,97+1 | 1,65+1 | 6,08+1 |
| 73 | 2,26+2 | 9,60+1 | 1,73+1 | 1,15+2 |
| 75 | 4,11+2 | 1,85+2 | 2,40+1 | 2,18+2 |
| 80 | 1,84+3 | 9,58+2 | 1,34+2 | 1,08+3 |
| 85 | 8,26+3 | 5,58+3 | 1,69+3 | 5,97+3 |
| 90 | 3,70+4 | 3,25+4 | 2,17+4 | 3,31+4 |
| 95 | 1,27+5 | 1,32+5 | 1,49+5 | 1,32+5 |
| 105 | 1,78+5 | 1,92+5 | 2,42+5 | 1,92+5 |

Т а б л и ц а 77 — Январь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,18+0 | — |
| 50 | — | — | 1,58+1 | — |
| 53 | — | — | 3,46+1 | — |
| 55 | 1,06+0 | — | 4,82+1 | — |
| 57 | 1,92+0 | — | 5,42+1 | — |
| 59 | 3,51+0 | — | 5,76+1 | 1,33+0 |
| 61 | 6,39+0 | 1,87+0 | 5,90+1 | 2,52+0 |
| 63 | 1,16+1 | 3,62+0 | 4,07+1 | 4,78+0 |
| 65 | 2,12+1 | 6,98+0 | 2,27+1 | 9,04+0 |
| 67 | 3,86+1 | 1,35+1 | 1,78+1 | 1,71+1 |
| 69 | 7,04+1 | 2,60+1 | 1,46+1 | 3,24+1 |
| 71 | 1,28+2 | 5,02+1 | 1,31+1 | 6,14+1 |
| 73 | 2,34+2 | 9,69+1 | 1,44+1 | 1,16+2 |
| 75 | 4,26+2 | 1,87+2 | 2,11+1 | 2,20+2 |
| 80 | 1,91+3 | 9,67+2 | 1,25+2 | 1,09+3 |
| 85 | 8,56+3 | 5,61+3 | 1,55+3 | 6,00+3 |
| 90 | 3,83+4 | 3,26+4 | 1,98+4 | 3,32+4 |
| 95 | 1,31+5 | 1,32+5 | 1,35+5 | 1,32+5 |
| 105 | 1,84+5 | 1,92+5 | 2,19+5 | 1,92+5 |

Т а б л и ц а 78 — Январь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 2,14+0 | — |
| 50 | — | — | 6,20+0 | — |
| 53 | — | — | 1,42+1 | — |
| 55 | 1,06+0 | — | 2,98+1 | — |
| 57 | 1,92+0 | — | 4,37+1 | — |
| 59 | 3,51+0 | — | 5,45+1 | 1,36+0 |
| 61 | 6,39+0 | 1,91+0 | 6,39+1 | 2,57+0 |
| 63 | 1,16+1 | 3,69+0 | 4,90+1 | 4,87+0 |
| 65 | 2,12+1 | 7,12+0 | 2,94+1 | 9,22+0 |
| 67 | 3,86+1 | 1,37+1 | 2,30+1 | 1,75+1 |
| 69 | 7,04+1 | 2,65+1 | 1,86+1 | 3,30+1 |
| 71 | 1,28+2 | 5,12+1 | 1,64+1 | 6,26+1 |
| 73 | 2,34+2 | 9,87+1 | 1,73+1 | 1,18+2 |
| 75 | 4,26+2 | 1,91+2 | 2,41+1 | 2,24+2 |
| 80 | 1,91+3 | 9,86+2 | 1,35+2 | 1,11+3 |
| 85 | 8,56+3 | 5,72+3 | 1,68+3 | 6,12+3 |
| 90 | 3,83+4 | 3,32+4 | 2,14+4 | 3,38+4 |
| 95 | 1,31+5 | 1,35+5 | 1,46+5 | 1,35+5 |
| 105 | 1,84+5 | 1,96+5 | 2,37+5 | 1,96+5 |

Таблица 79 — Январь, $\bar{W}=10$, $\varphi=70^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120 0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 1,20+0 | — |
| 50 | — | — | 8,68+0 | — |
| 53 | — | — | 1,89+1 | — |
| 55 | — | — | 2,61+1 | — |
| 57 | — | — | 2,93+1 | — |
| 59 | 1,05+0 | — | 3,11+1 | — |
| 61 | 1,92+0 | — | 2,98+1 | — |
| 63 | 3,50+0 | 1,16+0 | 2,04+1 | 1,54+0 |
| 65 | 6,38+0 | 2,24+0 | 1,14+1 | 2,91+0 |
| 67 | 1,16+1 | 4,33+0 | 8,90+0 | 5,50+0 |
| 69 | 2,12+1 | 8,36+0 | 7,20+0 | 1,04+1 |
| 71 | 3,86+1 | 1,61+1 | 6,28+0 | 1,97+1 |
| 73 | 7,04+1 | 3,11+1 | 6,53+0 | 3,74+1 |
| 75 | 1,28+2 | 6,01+1 | 8,95+0 | 7,07+1 |
| 80 | 5,75+2 | 3,11+2 | 4,93+1 | 3,49+2 |
| 85 | 2,57+3 | 1,77+3 | 5,71+2 | 1,90+3 |
| 90 | 1,16+4 | 1,01+4 | 6,80+3 | 1,03+4 |
| 95 | 4,01+4 | 4,13+4 | 4,52+4 | 4,13+4 |
| 105 | 5,65+4 | 6,03+4 | 7,35+4 | 6,03+4 |

Таблица 80 — Январь, $\bar{W}=100$, $\varphi=70^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 1,18+0 | — |
| 50 | — | — | 3,41+0 | — |
| 53 | — | — | 7,65+0 | — |
| 55 | — | — | 1,59+1 | — |
| 57 | — | — | 2,35+1 | — |
| 59 | 1,05+0 | — | 2,94+1 | — |
| 61 | 1,92+0 | — | 3,23+1 | — |
| 63 | 3,50+0 | 1,20+0 | 2,45+1 | 1,58+0 |
| 65 | 6,38+0 | 2,31+0 | 1,46+1 | 2,99+0 |
| 67 | 1,16+1 | 4,45+0 | 1,14+1 | 5,66+0 |
| 69 | 2,12+1 | 8,59+0 | 9,13+0 | 1,07+1 |
| 71 | 3,86+1 | 1,66+1 | 7,87+0 | 2,03+1 |
| 73 | 7,04+1 | 3,20+1 | 7,95+0 | 3,84+1 |
| 75 | 1,28+2 | 6,18+1 | 1,05+1 | 7,27+1 |
| 80 | 5,75+2 | 3,20+2 | 5,53+1 | 3,59+2 |
| 85 | 2,57+3 | 1,82+3 | 6,38+2 | 1,95+3 |
| 90 | 1,16+4 | 1,04+4 | 7,60+3 | 1,06+4 |
| 95 | 4,01+4 | 4,25+4 | 5,05+4 | 4,25+4 |
| 105 | 5,65+4 | 6,19+4 | 8,21+4 | 6,19+4 |

Таблица 81 — Январь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | — | — |
| 50 | — | — | 4,84+0 | — |
| 53 | — | — | 1,06+1 | — |
| 55 | — | — | 1,46+1 | — |
| 57 | — | — | 1,64+1 | — |
| 59 | — | — | 1,74+1 | — |
| 61 | — | — | 1,49+1 | — |
| 63 | — | — | 9,55+0 | — |
| 65 | — | — | 5,00+0 | — |
| 67 | — | — | 3,87+0 | — |
| 69 | — | — | 3,04+0 | — |
| 71 | — | — | 2,44+0 | — |
| 73 | 1,15+0 | — | 2,09+0 | 1,01+0 |
| 75 | 2,10+0 | 1,62+0 | 2,09+0 | 1,91+0 |
| 80 | 9,42+0 | 8,40+0 | 6,61+0 | 9,43+0 |
| 85 | 4,22+1 | 4,63+1 | 6,16+1 | 4,95+1 |
| 90 | 2,27+2 | 2,92+2 | 6,36+2 | 2,98+2 |
| 95 | 1,69+3 | 2,10+3 | 4,07+3 | 2,10+3 |
| 105 | 2,53+3 | 3,21+3 | 6,63+3 | 3,21+3 |

Таблица 82 — Январь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | — | — |
| 50 | — | — | 1,90+0 | — |
| 53 | — | — | 4,28+0 | — |
| 55 | — | — | 8,93+0 | — |
| 57 | — | — | 1,32+1 | — |
| 59 | — | — | 1,65+1 | — |
| 61 | — | — | 1,61+1 | — |
| 63 | — | — | 1,13+1 | — |
| 65 | — | — | 6,13+0 | — |
| 67 | — | — | 4,74+0 | — |
| 69 | — | — | 3,72+0 | — |
| 71 | — | — | 2,99+0 | — |
| 73 | 1,15+0 | — | 2,56+0 | 1,06+0 |
| 75 | 2,10+0 | 1,70+0 | 2,56+0 | 2,00+0 |
| 80 | 9,42+0 | 8,81+0 | 8,02+0 | 9,89+0 |
| 85 | 4,22+1 | 4,85+1 | 7,47+1 | 5,19+1 |
| 90 | 2,27+2 | 3,07+2 | 7,71+2 | 3,13+2 |
| 95 | 1,69+3 | 2,20+3 | 4,94+3 | 2,20+3 |
| 105 | 2,53+3 | 3,37+3 | 8,04+3 | 3,37+3 |

Таблица 83 — Январь, $\overline{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 1,56+0 | — |
| 50 | — | — | 1,13+1 | — |
| 53 | — | — | 2,46+1 | — |
| 55 | — | — | 3,40+1 | — |
| 57 | 1,04+0 | — | 3,82+1 | — |
| 59 | 1,90+0 | — | 4,07+1 | — |
| 61 | 3,46+0 | 1,04+0 | 3,98+1 | 1,40+0 |
| 63 | 6,30+0 | 2,01+0 | 2,72+1 | 2,65+0 |
| 65 | 1,15+1 | 3,87+0 | 1,50+1 | 5,02+0 |
| 67 | 2,09+1 | 7,47+0 | 1,18+1 | 9,50+0 |
| 69 | 3,81+1 | 1,44+1 | 9,58+0 | 1,80+1 |
| 71 | 6,94+1 | 2,78+1 | 8,50+0 | 3,40+1 |
| 73 | 1,27+2 | 5,37+1 | 9,12+0 | 6,45+1 |
| 75 | 2,31+2 | 1,04+2 | 1,30+1 | 1,22+2 |
| 80 | 1,03+3 | 5,37+2 | 7,47+1 | 6,02+2 |
| 85 | 4,63+3 | 3,08+3 | 8,87+2 | 3,29+3 |
| 90 | 2,08+4 | 1,77+4 | 1,08+4 | 1,80+4 |
| 95 | 7,14+4 | 7,16+4 | 7,23+4 | 7,16+4 |
| 105 | 1,00+5 | 1,04+5 | 1,17+5 | 1,04+5 |

Таблица 84 — Январь, $\overline{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 131,1° | 120,0° | 91,0° | 120,0° |
| | и t, ч | | | |
| | 0,0 | 4,0 | 12,0 | 20,0 |
| 45 | — | — | 1,53+0 | — |
| 50 | — | — | 4,43+0 | — |
| 53 | — | — | 9,99+0 | — |
| 55 | — | — | 2,08+1 | — |
| 57 | 1,04+0 | — | 3,07+1 | — |
| 59 | 1,90+0 | — | 3,84+1 | — |
| 61 | 3,46+0 | 1,07+0 | 4,31+1 | 1,43+0 |
| 63 | 6,30+0 | 2,06+0 | 3,27+1 | 2,72+0 |
| 65 | 1,15+1 | 3,97+0 | 1,93+1 | 5,14+0 |
| 67 | 2,09+1 | 7,66+0 | 1,51+1 | 9,74+0 |
| 69 | 3,81+1 | 1,48+1 | 1,22+1 | 1,84+1 |
| 71 | 6,94+1 | 2,85+1 | 1,06+1 | 3,49+1 |
| 73 | 1,27+2 | 5,51+1 | 1,10+1 | 6,61+1 |
| 75 | 2,31+2 | 1,06+2 | 1,51+1 | 1,25+2 |
| 80 | 1,03+3 | 5,50+2 | 8,30+1 | 6,17+2 |
| 85 | 4,63+3 | 3,16+3 | 9,81+2 | 3,37+3 |
| 90 | 2,08+4 | 1,81+4 | 1,19+4 | 1,85+4 |
| 95 | 7,14+4 | 7,34+4 | 7,99+4 | 7,34+4 |
| 105 | 1,00+5 | 1,07+5 | 1,30+5 | 1,07+5 |

Таблица 85 — Январь,
 $\overline{W}=10$, $\varphi=75^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | 1,60+0 |
| 57 | 1,21+0 | 3,08+0 |
| 59 | 2,21+0 | 5,63+0 |
| 61 | 4,03+0 | 8,62+0 |
| 63 | 7,35+0 | 1,13+1 |
| 65 | 1,34+1 | 1,30+1 |
| 67 | 2,44+1 | 1,48+1 |
| 69 | 4,45+1 | 1,46+1 |
| 71 | 8,10+1 | 1,20+1 |
| 73 | 1,48+2 | 1,33+1 |
| 75 | 2,69+2 | 2,12+1 |
| 80 | 1,21+3 | 1,26+2 |
| 85 | 5,40+3 | 1,31+3 |
| 90 | 2,42+4 | 1,37+4 |
| 95 | 8,32+4 | 8,27+4 |
| 105 | 1,17+5 | 1,31+5 |

Таблица 86 — Январь,
 $\overline{W}=100$, $\varphi=75^\circ$, с. ш.,
 $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | 1,21+0 | 1,40+0 |
| 59 | 2,21+0 | 2,02+0 |
| 61 | 4,03+0 | 5,00+0 |
| 63 | 7,35+0 | 8,58+0 |
| 65 | 1,34+1 | 1,17+1 |
| 67 | 2,44+1 | 1,47+1 |
| 69 | 4,45+1 | 1,64+1 |
| 71 | 8,10+1 | 1,41+1 |
| 73 | 1,48+2 | 1,54+1 |
| 75 | 2,69+2 | 2,38+1 |
| 80 | 1,21+3 | 1,38+2 |
| 85 | 5,40+3 | 1,42+3 |
| 90 | 2,42+4 | 1,48+4 |
| 95 | 8,32+4 | 8,98+4 |
| 105 | 1,17+5 | 1,43+5 |

Таблица 87 — Январь,
 $\overline{W}=10$, $\varphi=75^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | 1,56+0 |
| 61 | — | 2,38+0 |
| 63 | — | 3,11+0 |
| 65 | — | 3,57+0 |
| 67 | — | 3,85+0 |
| 69 | 1,18+0 | 3,56+0 |
| 71 | 2,14+0 | 2,64+0 |
| 73 | 3,91+0 | 2,34+0 |
| 75 | 7,12+0 | 2,87+0 |
| 80 | 3,19+1 | 1,23+1 |
| 85 | 1,43+2 | 1,13+2 |
| 90 | 6,73+2 | 1,10+3 |
| 95 | 3,17+3 | 6,80+3 |
| 105 | 4,62+3 | 1,09+4 |

Таблица 88 — Январь,
 $\overline{W}=100$, $\varphi=75^\circ$ с. ш.,
 $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | 1,37+0 |
| 63 | — | 2,35+0 |
| 65 | — | 3,21+0 |
| 67 | — | 3,85+0 |
| 69 | 1,18+0 | 4,00+0 |
| 71 | 2,14+0 | 3,13+0 |
| 73 | 3,91+0 | 2,79+0 |
| 75 | 7,12+0 | 3,37+0 |
| 80 | 3,19+1 | 1,40+1 |
| 85 | 1,43+2 | 1,28+2 |
| 90 | 6,73+2 | 1,24+3 |
| 95 | 3,17+3 | 7,71+3 |
| 105 | 4,62+3 | 1,23+4 |

Таблица 89 — Январь,
 $\overline{W}=10$, $\varphi=75^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | 1,15+0 |
| 59 | — | 2,09+0 |
| 61 | — | 3,18+0 |
| 63 | — | 4,16+0 |
| 65 | 1,24+0 | 4,78+0 |
| 67 | 2,27+0 | 5,20+0 |
| 69 | 4,13+0 | 4,92+0 |
| 71 | 7,52+0 | 3,80+0 |
| 73 | 1,37+1 | 3,62+0 |
| 75 | 2,50+1 | 4,90+0 |
| 80 | 1,12+2 | 2,45+1 |
| 85 | 5,02+2 | 2,35+2 |
| 90 | 2,28+3 | 2,32+3 |
| 95 | 8,60+3 | 1,40+4 |
| 105 | 1,22+4 | 2,22+4 |

Таблица 90 — Январь,
 $\overline{W}=100$, $\varphi=75^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 126,0° | 96,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | 1,83+0 |
| 63 | — | 3,15+0 |
| 65 | 1,24+0 | 4,30+0 |
| 67 | 2,27+0 | 5,21+0 |
| 69 | 4,13+0 | 5,53+0 |
| 71 | 7,52+0 | 4,50+0 |
| 73 | 1,37+1 | 4,29+0 |
| 75 | 2,50+1 | 5,69+0 |
| 80 | 1,12+2 | 2,75+1 |
| 85 | 5,02+2 | 2,62+2 |
| 90 | 2,28+3 | 2,60+3 |
| 95 | 8,60+3 | 1,56+4 |
| 105 | 1,22+4 | 2,48+4 |

Таблица 91 — Январь,
 $\overline{W}=10$, $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 121,0° | 101,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | 1,10+0 | — |
| 65 | 2,01+0 | — |
| 67 | 3,67+0 | — |
| 69 | 6,68+0 | — |
| 71 | 1,22+1 | 1,64+0 |
| 73 | 2,22+1 | 3,48+0 |
| 75 | 4,04+1 | 7,37+0 |
| 80 | 1,81+2 | 4,81+1 |
| 85 | 8,12+2 | 3,98+2 |
| 90 | 3,66+3 | 3,30+3 |
| 95 | 1,33+4 | 1,76+4 |
| 105 | 1,89+4 | 2,72+4 |

Таблица 92 — Январь,
 $\overline{W}=100$, $\varphi=80^\circ$ с. ш.,
 $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 121,0° | 101,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | 1,10+0 | — |
| 65 | 2,01+0 | — |
| 67 | 3,67+0 | — |
| 69 | 6,68+0 | — |
| 71 | 1,22+1 | 1,78+0 |
| 73 | 2,22+1 | 3,77+0 |
| 75 | 4,04+1 | 8,00+0 |
| 80 | 1,81+2 | 5,22+1 |
| 85 | 8,12+2 | 4,32+2 |
| 90 | 3,66+3 | 3,58+3 |
| 95 | 1,33+4 | 1,91+4 |
| 105 | 1,89+4 | 2,95+4 |

Таблица 93 — Январь,
 $\overline{W}=10$, $\varphi=80^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 121,0° | 101,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,11+0 | — |
| 75 | 2,03+0 | — |
| 80 | 9,08+0 | 6,27+0 |
| 85 | 4,07+1 | 4,56+1 |
| 90 | 2,22+2 | 3,57+2 |
| 95 | 1,68+3 | 2,37+3 |
| 105 | 2,52+3 | 3,75+3 |

Таблица 94 — Январь,
 $\overline{W}=100$, $\varphi=80^\circ$ с. ш.,
 $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 121,0° | 101,0° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,11+0 | — |
| 75 | 2,03+0 | 1,14+0 |
| 80 | 9,08+0 | 7,41+0 |
| 85 | 4,07+1 | 5,39+1 |
| 90 | 2,22+2 | 4,21+2 |
| 95 | 1,68+3 | 2,80+3 |
| 105 | 2,52+3 | 4,44+3 |

Таблица 95 — Январь,
 $\overline{W}=10$, $\varphi=90^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|---|
| | 111,0° | |
| | и t, ч | |
| | 0—24 | |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,15+0 | — |
| 75 | 2,10+0 | — |
| 80 | 9,41+0 | — |
| 85 | 4,22+1 | — |
| 90 | 2,27+2 | — |
| 95 | 1,69+3 | — |
| 105 | 2,53+3 | — |

Таблица 96 — Январь,
 $\overline{W}=100$, $\varphi=90^\circ$ с. ш.,
 $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|---|
| | 111,0° | |
| | и t, ч | |
| | 0—24 | |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,15+0 | — |
| 75 | 2,10+0 | — |
| 80 | 9,41+0 | — |
| 85 | 4,22+1 | — |
| 90 | 2,27+2 | — |
| 95 | 1,69+3 | — |
| 105 | 2,53+3 | — |

Таблица 97 — Июнь, $\bar{W}=10$, $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | h f, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | 2,94+0 | 4,33+0 | 3,60+0 | 1,72+0 | 1,71+0 | 1,72+0 | 1,74+0 | 1,72+0 | 1,44+0 | — |
| 53 | — | — | 1,11+1 | 1,63+1 | 1,36+1 | 6,60+0 | 6,67+0 | 6,62+0 | 6,55+0 | 6,48+0 | 5,41+0 | — |
| 55 | — | — | 2,39+1 | 3,54+1 | 2,97+1 | 1,48+1 | 1,53+1 | 1,48+1 | 1,42+1 | 1,40+1 | 1,17+1 | — |
| 57 | — | 1,99+0 | 2,58+1 | 3,86+1 | 3,27+1 | 1,69+1 | 1,80+1 | 1,70+1 | 1,57+1 | 1,53+1 | 1,26+1 | — |
| 59 | — | 2,88+0 | 2,72+1 | 4,12+1 | 3,52+1 | 1,93+1 | 2,14+1 | 1,94+1 | 1,70+1 | 1,64+1 | 1,33+1 | 1,36+0 |
| 59 | — | 3,33+0 | 3,19+1 | 4,88+1 | 4,23+1 | 2,49+1 | 2,91+1 | 2,51+1 | 2,06+1 | 1,94+1 | 1,56+1 | 1,58+0 |
| 61 | — | 3,65+0 | 3,87+1 | 6,02+1 | 5,31+1 | 3,40+1 | 4,21+1 | 3,43+1 | 2,61+1 | 2,40+1 | 1,89+1 | 1,74+0 |
| 63 | — | 4,84+0 | 5,30+1 | 8,41+1 | 7,55+1 | 5,33+1 | 7,10+1 | 5,40+1 | 3,74+1 | 3,37+1 | 2,60+1 | 2,32+0 |
| 65 | — | 6,63+0 | 3,98+1 | 6,91+1 | 6,83+1 | 7,78+1 | 1,47+2 | 7,99+1 | 3,55+1 | 2,81+1 | 1,96+1 | 3,22+0 |
| 67 | — | 7,47+0 | 3,02+1 | 5,75+1 | 6,30+1 | 1,16+2 | 3,04+2 | 1,22+2 | 3,59+1 | 2,43+1 | 1,51+1 | 3,73+0 |
| 69 | — | 6,57+0 | 2,31+1 | 4,75+1 | 5,79+1 | 1,55+2 | 5,12+2 | 1,70+2 | 3,87+1 | 2,19+1 | 1,20+1 | 3,56+0 |
| 71 | — | 6,02+0 | 1,81+1 | 3,98+1 | 5,46+1 | 1,87+2 | 6,83+2 | 2,15+2 | 4,57+1 | 2,18+1 | 1,04+1 | 3,91+0 |
| 73 | — | 6,15+0 | 1,52+1 | 3,56+1 | 5,67+1 | 2,22+2 | 7,98+2 | 2,64+2 | 6,01+1 | 2,57+1 | 1,07+1 | 5,30+0 |
| 75 | 1,19+0 | 6,15+0 | 1,52+1 | 3,56+1 | 5,67+1 | 2,22+2 | 7,98+2 | 2,64+2 | 6,01+1 | 2,57+1 | 1,07+1 | 5,30+0 |
| 80 | 5,33+0 | 1,72+1 | 2,45+1 | 5,92+1 | 1,19+2 | 4,09+2 | 1,08+3 | 4,81+2 | 1,64+2 | 7,66+1 | 3,24+1 | 2,36+1 |
| 85 | 2,39+1 | 1,31+2 | 1,76+2 | 3,26+2 | 5,59+2 | 1,68+3 | 3,84+3 | 1,85+3 | 7,00+2 | 4,15+2 | 2,31+2 | 1,65+2 |
| 90 | 1,70+2 | 1,19+3 | 1,66+3 | 2,24+3 | 2,97+3 | 8,03+3 | 1,69+4 | 8,26+3 | 3,17+3 | 2,41+3 | 1,80+3 | 1,27+3 |
| 95 | 1,68+3 | 7,82+3 | 1,02+4 | 1,19+4 | 1,40+4 | 3,33+4 | 6,35+4 | 3,33+4 | 1,40+4 | 1,19+4 | 1,02+4 | 7,82+3 |
| 105 | 2,52+3 | 1,26+4 | 1,66+4 | 2,02+4 | 2,47+4 | 7,24+4 | 1,62+5 | 7,24+4 | 2,47+4 | 2,02+4 | 1,66+4 | 1,26+4 |

Таблица 98 — Июнь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | 1,42+0 | 2,09+0 | 1,74+0 | — | — | — | — | — | — | — |
| 53 | — | — | 7,90+0 | 1,17+1 | 9,74+0 | 4,72+0 | 4,76+0 | 4,74+0 | 4,72+0 | 4,63+0 | 3,86+0 | — |
| 55 | — | — | 2,09+1 | 3,11+1 | 2,61+1 | 1,30+1 | 1,34+1 | 1,30+1 | 1,26+1 | 1,23+1 | 1,02+1 | — |
| 57 | — | 1,69+0 | 2,41+1 | 3,61+1 | 3,06+1 | 1,59+1 | 1,69+1 | 1,59+1 | 1,48+1 | 1,43+1 | 1,18+1 | — |
| 59 | — | 2,65+0 | 2,67+1 | 4,04+1 | 3,46+1 | 1,90+1 | 2,10+1 | 1,92+1 | 1,69+1 | 1,61+1 | 1,31+1 | 1,26+0 |
| 61 | — | 3,22+0 | 3,29+1 | 5,04+1 | 4,37+1 | 2,57+1 | 3,00+1 | 2,60+1 | 2,15+1 | 2,01+1 | 1,61+1 | 1,54+0 |
| 63 | — | 3,70+0 | 4,21+1 | 6,56+1 | 5,79+1 | 3,71+1 | 4,59+1 | 3,76+1 | 2,88+1 | 2,63+1 | 2,06+1 | 1,78+0 |
| 65 | — | 5,10+0 | 6,17+1 | 9,78+1 | 8,80+1 | 6,21+1 | 8,26+1 | 6,32+1 | 4,41+1 | 3,93+1 | 3,02+1 | 2,47+0 |
| 67 | — | 7,32+0 | 4,63+1 | 8,10+1 | 8,10+1 | 9,58+1 | 1,85+2 | 9,92+1 | 4,31+1 | 3,32+1 | 2,29+1 | 3,59+0 |
| 69 | — | 8,53+0 | 3,52+1 | 6,83+1 | 7,70+1 | 1,56+2 | 4,37+2 | 1,67+2 | 4,59+1 | 2,95+1 | 1,77+1 | 4,32+0 |
| 71 | — | 7,55+0 | 2,70+1 | 5,72+1 | 7,27+1 | 2,21+2 | 7,86+2 | 2,47+2 | 5,22+1 | 2,75+1 | 1,44+1 | 4,25+0 |
| 73 | — | 7,05+0 | 2,14+1 | 4,88+1 | 7,13+1 | 2,82+2 | 1,11+3 | 3,29+2 | 6,52+1 | 2,89+1 | 1,29+1 | 4,91+0 |
| 75 | 1,19+0 | 7,51+0 | 1,85+1 | 4,54+1 | 7,82+1 | 3,54+2 | 1,36+3 | 4,25+2 | 8,97+1 | 3,62+1 | 1,41+1 | 7,06+0 |
| 80 | 5,33+0 | 2,41+1 | 3,52+1 | 8,81+1 | 1,86+2 | 7,32+2 | 2,11+3 | 8,62+2 | 2,60+2 | 1,18+2 | 4,85+1 | 3,37+1 |
| 85 | 2,39+1 | 1,88+2 | 2,69+2 | 5,16+2 | 9,19+2 | 3,36+3 | 8,88+3 | 3,71+3 | 1,15+3 | 6,60+2 | 3,53+2 | 2,38+2 |
| 90 | 1,70+2 | 1,71+3 | 2,54+3 | 3,58+3 | 4,94+3 | 1,67+4 | 4,14+4 | 1,72+4 | 5,28+3 | 3,85+3 | 2,75+3 | 1,83+3 |
| 95 | 1,68+3 | 1,13+4 | 1,56+4 | 1,88+4 | 2,26+4 | 6,23+4 | 1,32+5 | 6,23+4 | 2,26+4 | 1,88+4 | 1,56+4 | 1,13+4 |
| 105 | 2,52+3 | 1,82+4 | 2,54+4 | 3,12+4 | 3,82+4 | 1,15+5 | 2,62+5 | 1,15+5 | 3,82+4 | 3,12+4 | 2,54+4 | 1,82+4 |

Таблица 99 — Июнь, $\overline{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 1,40+0 | 2,08+0 | 1,76+0 | — | — | — | — | — | — | — |
| 50 | — | — | 9,95+0 | 1,47+1 | 1,23+1 | 5,99+0 | 5,99+0 | 6,02+0 | 6,06+0 | 5,99+0 | 5,75+0 | — |
| 53 | — | 1,09+0 | 2,57+1 | 3,80+1 | 3,19+1 | 1,58+1 | 1,60+1 | 1,59+1 | 1,57+1 | 1,55+1 | 1,49+1 | — |
| 55 | — | 2,13+0 | 4,29+1 | 6,38+1 | 5,38+1 | 2,75+1 | 2,83+1 | 2,75+1 | 2,65+1 | 2,61+1 | 2,48+1 | 1,56+0 |
| 57 | — | 3,87+0 | 4,69+1 | 7,02+1 | 5,97+1 | 3,18+1 | 3,38+1 | 3,19+1 | 2,95+1 | 2,87+1 | 2,71+1 | 2,83+0 |
| 59 | — | 5,31+0 | 4,95+1 | 7,49+1 | 6,45+1 | 3,63+1 | 4,02+1 | 3,65+1 | 3,21+1 | 3,07+1 | 2,86+1 | 3,89+0 |
| 61 | — | 6,08+0 | 5,73+1 | 8,79+1 | 7,67+1 | 4,63+1 | 5,40+1 | 4,67+1 | 3,84+1 | 3,60+1 | 3,31+1 | 4,45+0 |
| 63 | — | 6,65+0 | 6,02+1 | 9,37+1 | 8,32+1 | 5,46+1 | 6,76+1 | 5,53+1 | 4,23+1 | 3,85+1 | 3,48+1 | 4,88+0 |
| 65 | — | 8,37+0 | 6,50+1 | 1,03+2 | 9,36+1 | 6,77+1 | 8,99+1 | 6,90+1 | 4,84+1 | 4,26+1 | 3,76+1 | 6,15+0 |
| 67 | — | 9,70+0 | 4,88+1 | 8,24+1 | 8,03+1 | 8,04+1 | 1,34+2 | 8,35+1 | 4,41+1 | 3,45+1 | 2,83+1 | 7,15+0 |
| 69 | — | 9,72+0 | 3,70+1 | 6,77+1 | 7,27+1 | 1,09+2 | 2,40+2 | 1,17+2 | 4,44+1 | 2,94+1 | 2,17+1 | 7,25+0 |
| 71 | — | 8,48+0 | 2,82+1 | 5,61+1 | 6,80+1 | 1,52+2 | 4,24+2 | 1,69+2 | 4,92+1 | 2,63+1 | 1,69+1 | 6,52+0 |
| 73 | 1,20+0 | 7,62+0 | 2,18+1 | 4,68+1 | 6,52+1 | 1,86+2 | 5,74+2 | 2,16+2 | 5,84+1 | 2,55+1 | 1,38+1 | 6,31+0 |
| 75 | 2,19+0 | 7,41+0 | 1,77+1 | 4,12+1 | 6,82+1 | 2,21+2 | 6,74+2 | 2,64+2 | 7,53+1 | 2,88+1 | 1,28+1 | 7,08+0 |
| 80 | 9,81+0 | 1,69+1 | 2,28+1 | 6,10+1 | 1,36+2 | 4,06+2 | 9,64+2 | 4,77+2 | 1,86+2 | 7,64+1 | 2,86+1 | 2,30+1 |
| 85 | 4,39+1 | 1,25+2 | 1,51+2 | 3,07+2 | 5,68+2 | 1,53+3 | 3,23+3 | 1,69+3 | 7,10+2 | 3,90+2 | 1,97+2 | 1,58+2 |
| 90 | 2,31+2 | 1,11+3 | 1,46+3 | 2,02+3 | 2,72+3 | 6,93+3 | 1,39+4 | 7,13+3 | 2,90+3 | 2,17+3 | 1,58+3 | 1,19+3 |
| 95 | 1,68+3 | 7,08+3 | 9,05+3 | 1,06+4 | 1,24+4 | 2,89+4 | 5,44+4 | 2,89+4 | 1,24+4 | 1,06+4 | 9,05+3 | 7,08+3 |
| 105 | 2,52+3 | 1,14+4 | 1,48+4 | 1,80+4 | 2,19+4 | 6,30+4 | 1,39+5 | 6,30+4 | 2,19+4 | 1,80+4 | 1,48+4 | 1,14+4 |

Таблица 100 — Июнь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 1,03+0 | 1,53+0 | 1,29+0 | — | — | — | — | — | — | — |
| 50 | — | — | 3,26+0 | 4,80+0 | 4,04+0 | 1,97+0 | 1,96+0 | — | — | — | — | — |
| 53 | — | — | 1,19+1 | 1,76+1 | 1,48+1 | 7,35+0 | 7,42+0 | 2,01+0 | 2,08+0 | 1,97+0 | 1,88+0 | — |
| 55 | — | — | 3,01+1 | 4,48+1 | 3,78+1 | 1,93+1 | 1,99+1 | 1,94+1 | 1,88+1 | 1,83+1 | 1,74+1 | — |
| 57 | — | 2,54+0 | 3,96+1 | 5,93+1 | 5,06+1 | 2,69+1 | 2,86+1 | 2,71+1 | 2,53+1 | 2,43+1 | 2,29+1 | 1,86+0 |
| 59 | — | 4,29+0 | 4,74+1 | 7,17+1 | 6,18+1 | 3,48+1 | 3,85+1 | 3,52+1 | 3,11+1 | 2,94+1 | 2,74+1 | 3,14+0 |
| 61 | — | 5,59+0 | 6,13+1 | 9,40+1 | 8,22+1 | 4,96+1 | 5,78+1 | 5,03+1 | 4,17+1 | 3,86+1 | 3,54+1 | 4,10+0 |
| 63 | — | 6,79+0 | 7,10+1 | 1,11+2 | 9,85+1 | 6,46+1 | 7,99+1 | 6,58+1 | 5,07+1 | 4,56+1 | 4,11+1 | 4,98+0 |
| 65 | — | 9,31+0 | 8,38+1 | 1,33+2 | 1,21+2 | 8,75+1 | 1,16+2 | 8,95+1 | 6,34+1 | 5,50+1 | 4,85+1 | 6,85+0 |
| 67 | — | 1,16+1 | 6,29+1 | 1,07+2 | 1,05+2 | 1,10+2 | 1,87+2 | 1,15+2 | 5,94+1 | 4,51+1 | 3,65+1 | 8,58+0 |
| 69 | — | 1,21+1 | 4,77+1 | 8,87+1 | 9,75+1 | 1,58+2 | 3,65+2 | 1,71+2 | 6,22+1 | 3,90+1 | 2,80+1 | 9,06+0 |
| 71 | — | 1,06+1 | 3,64+1 | 7,41+1 | 9,33+1 | 2,28+2 | 6,72+2 | 2,58+2 | 7,17+1 | 3,58+1 | 2,20+1 | 8,24+0 |
| 73 | 1,20+0 | 9,60+0 | 2,84+1 | 6,26+1 | 9,23+1 | 2,92+2 | 9,47+2 | 3,44+2 | 8,86+1 | 3,61+1 | 1,84+1 | 8,16+0 |
| 75 | 2,19+0 | 9,57+0 | 2,34+1 | 5,67+1 | 1,01+2 | 3,63+2 | 1,16+3 | 4,38+2 | 1,18+2 | 4,26+1 | 1,76+1 | 9,55+0 |
| 80 | 9,81+0 | 2,44+1 | 3,40+1 | 9,46+1 | 2,20+2 | 7,31+2 | 1,86+3 | 8,61+2 | 3,06+2 | 1,23+2 | 4,44+1 | 3,38+1 |
| 85 | 4,40+1 | 1,86+2 | 2,41+2 | 5,08+2 | 9,75+2 | 3,18+3 | 7,74+3 | 3,51+3 | 1,22+3 | 6,47+2 | 3,15+2 | 2,35+2 |
| 90 | 2,31+2 | 1,67+3 | 2,34+3 | 3,38+3 | 4,76+3 | 1,54+4 | 3,70+4 | 1,58+4 | 5,08+3 | 3,63+3 | 2,53+3 | 1,78+3 |
| 95 | 1,68+3 | 1,06+4 | 1,45+4 | 1,75+4 | 2,11+4 | 5,77+4 | 1,23+5 | 5,77+4 | 2,11+4 | 1,75+4 | 1,45+4 | 1,06+4 |
| 105 | 2,52+3 | 1,71+4 | 2,37+4 | 2,90+4 | 3,54+4 | 1,05+5 | 2,38+5 | 1,05+5 | 3,54+4 | 2,90+4 | 2,37+4 | 1,71+4 |

Таблица 101 — Июнь, $\overline{W}=10$, $\varphi=30^\circ$, с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и I , ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 2,17+0 | 3,23+0 | 2,74+0 | 1,42+0 | 1,46+0 | 1,43+0 | 1,39+0 | 1,35+0 | 1,30+0 | — |
| 50 | — | — | 1,56+1 | 2,29+1 | 1,93+1 | 9,58+0 | 9,57+0 | 9,61+0 | 9,67+0 | 9,57+0 | 9,32+0 | — |
| 53 | — | 1,66+0 | 3,75+1 | 5,54+1 | 4,67+1 | 2,35+1 | 2,38+1 | 2,36+1 | 2,34+1 | 2,31+1 | 2,24+1 | 1,33+0 |
| 55 | — | 3,15+0 | 5,81+1 | 8,64+1 | 7,32+1 | 3,80+1 | 3,92+1 | 3,81+1 | 3,66+1 | 3,61+1 | 3,48+1 | 2,51+0 |
| 57 | — | 5,31+0 | 6,36+1 | 9,53+1 | 8,14+1 | 4,40+1 | 4,69+1 | 4,42+1 | 4,09+1 | 3,98+1 | 3,81+1 | 4,24+0 |
| 59 | — | 7,18+0 | 6,73+1 | 1,02+2 | 8,80+1 | 5,03+1 | 5,58+1 | 5,06+1 | 4,44+1 | 4,25+1 | 4,03+1 | 5,74+0 |
| 61 | — | 8,18+0 | 7,61+1 | 1,17+2 | 1,02+2 | 6,27+1 | 7,32+1 | 6,32+1 | 5,19+1 | 4,88+1 | 4,56+1 | 6,54+0 |
| 63 | — | 8,90+0 | 7,28+1 | 1,13+2 | 1,01+2 | 6,75+1 | 8,36+1 | 6,83+1 | 5,21+1 | 4,75+1 | 4,36+1 | 7,12+0 |
| 65 | — | 1,07+1 | 6,80+1 | 1,08+2 | 9,84+1 | 7,24+1 | 9,61+1 | 7,39+1 | 5,20+1 | 4,55+1 | 4,08+1 | 8,59+0 |
| 67 | — | 1,12+1 | 5,10+1 | 8,49+1 | 8,20+1 | 7,70+1 | 1,21+2 | 8,00+1 | 4,60+1 | 3,63+1 | 3,07+1 | 8,99+0 |
| 69 | — | 1,05+1 | 3,87+1 | 6,93+1 | 7,36+1 | 1,01+2 | 2,04+2 | 1,08+2 | 4,60+1 | 3,06+1 | 2,34+1 | 8,47+0 |
| 71 | — | 9,11+0 | 2,94+1 | 5,75+1 | 6,92+1 | 1,42+2 | 3,69+2 | 1,58+2 | 5,10+1 | 2,72+1 | 1,81+1 | 7,55+0 |
| 73 | 1,52+0 | 8,13+0 | 2,27+1 | 4,78+1 | 6,63+1 | 1,74+2 | 5,00+2 | 2,02+2 | 6,01+1 | 2,61+1 | 1,47+1 | 7,12+0 |
| 75 | 2,77+0 | 7,77+0 | 1,82+1 | 4,17+1 | 6,91+1 | 2,06+2 | 5,88+2 | 2,46+2 | 7,66+1 | 2,87+1 | 1,31+1 | 7,63+0 |
| 80 | 1,24+1 | 1,62+1 | 2,14+1 | 5,86+1 | 1,33+2 | 3,74+2 | 8,50+2 | 4,39+2 | 1,82+2 | 7,21+1 | 2,62+1 | 2,20+1 |
| 85 | 5,57+1 | 1,18+2 | 1,36+2 | 2,84+2 | 5,36+2 | 1,38+3 | 2,81+3 | 1,52+3 | 6,70+2 | 3,60+2 | 1,77+2 | 1,49+2 |
| 90 | 2,60+2 | 1,04+3 | 1,32+3 | 1,84+3 | 2,48+3 | 6,15+3 | 1,21+4 | 6,33+3 | 2,65+3 | 1,97+3 | 1,43+3 | 1,11+3 |
| 95 | 1,68+3 | 6,53+3 | 8,22+3 | 9,59+3 | 1,12+4 | 2,56+4 | 4,75+4 | 2,56+4 | 1,12+4 | 9,59+3 | 8,22+3 | 6,53+3 |
| 105 | 2,52+3 | 1,05+4 | 1,34+4 | 1,63+4 | 1,97+4 | 5,58+4 | 1,21+5 | 5,58+4 | 1,97+4 | 1,63+4 | 1,34+4 | 1,05+4 |

Т а б л и ц а 102 — Июнь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,0 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 1,56+0 | 2,33+0 | 1,98+0 | 1,02+0 | 1,06+0 | 1,04+0 | 1,03+0 | — | — | — |
| 50 | — | — | 4,73+1 | 6,97+0 | 5,88+0 | 2,92+0 | 2,91+0 | 2,97+0 | 3,07+0 | 2,92+0 | 2,83+0 | — |
| 53 | — | — | 1,51+1 | 2,24+1 | 1,89+1 | 9,54+0 | 9,63+0 | 9,65+0 | 9,59+0 | 9,36+0 | 9,08+0 | — |
| 55 | — | 1,03+0 | 3,75+1 | 5,58+1 | 4,73+1 | 2,46+1 | 2,53+1 | 2,47+1 | 2,40+1 | 2,33+1 | 2,25+1 | — |
| 57 | — | 3,18+0 | 5,20+1 | 7,78+1 | 6,66+1 | 3,60+1 | 3,83+1 | 3,63+1 | 3,38+1 | 3,25+1 | 3,11+1 | 2,54+0 |
| 59 | — | 5,54+0 | 6,38+1 | 9,66+1 | 8,35+1 | 4,78+1 | 5,29+1 | 4,83+1 | 4,27+1 | 4,04+1 | 3,82+1 | 4,43+0 |
| 61 | — | 7,40+0 | 8,23+1 | 1,26+2 | 1,11+2 | 6,80+1 | 7,92+1 | 6,88+1 | 5,69+1 | 5,29+1 | 4,93+1 | 5,92+0 |
| 63 | — | 9,10+0 | 8,82+1 | 1,37+2 | 1,23+2 | 8,19+1 | 1,01+2 | 8,33+1 | 6,41+1 | 5,77+1 | 5,29+1 | 7,28+0 |
| 65 | — | 1,21+1 | 9,07+1 | 1,44+2 | 1,32+2 | 9,68+1 | 1,28+2 | 9,92+1 | 7,04+1 | 6,08+1 | 5,44+1 | 9,72+0 |
| 67 | — | 1,37+1 | 6,81+1 | 1,14+2 | 1,11+2 | 1,09+2 | 1,75+2 | 1,14+2 | 6,41+1 | 4,90+1 | 4,10+1 | 1,11+1 |
| 69 | — | 1,34+1 | 5,16+1 | 9,39+1 | 1,02+2 | 1,49+2 | 3,15+2 | 1,61+2 | 6,61+1 | 4,19+1 | 3,13+1 | 1,09+1 |
| 71 | — | 1,17+1 | 3,93+1 | 7,84+1 | 9,75+1 | 2,17+2 | 5,87+2 | 2,45+2 | 7,58+1 | 3,80+1 | 2,44+1 | 9,76+0 |
| 73 | 1,52+0 | 1,05+1 | 3,05+1 | 6,59+1 | 9,62+1 | 2,76+2 | 8,28+2 | 3,24+2 | 9,25+1 | 3,75+1 | 2,00+1 | 9,37+0 |
| 75 | 2,77+0 | 1,02+1 | 2,48+1 | 5,89+1 | 1,04+2 | 3,41+2 | 1,02+3 | 4,10+2 | 1,21+2 | 4,30+1 | 1,84+1 | 1,04+1 |
| 80 | 1,24+1 | 2,36+1 | 3,23+1 | 9,16+1 | 2,17+2 | 6,74+2 | 1,64+3 | 7,93+2 | 3,01+2 | 1,16+2 | 4,10+1 | 3,25+1 |
| 85 | 5,57+1 | 1,77+2 | 2,18+2 | 4,73+2 | 9,27+2 | 2,89+3 | 6,78+3 | 3,19+3 | 1,16+3 | 6,01+2 | 2,85+2 | 2,23+2 |
| 90 | 2,60+2 | 1,57+3 | 2,13+3 | 3,10+3 | 4,38+3 | 1,38+4 | 3,26+4 | 1,42+4 | 4,68+3 | 3,33+3 | 2,31+3 | 1,68+3 |
| 95 | 1,68+3 | 9,82+3 | 1,33+4 | 1,60+4 | 1,92+4 | 5,17+4 | 1,09+5 | 5,17+4 | 1,92+4 | 1,60+4 | 1,33+4 | 9,82+3 |
| 105 | 2,52+3 | 1,58+4 | 2,17+4 | 2,64+4 | 3,22+4 | 9,41+4 | 2,10+5 | 9,41+4 | 3,22+4 | 2,64+4 | 2,17+4 | 1,58+4 |

Таблица 103 — Июнь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 1,40+0 | 2,08+0 | 1,76+0 | — | — | — | — | — | — | — |
| 50 | — | — | 9,94+0 | 1,46+1 | 1,23+1 | 5,99+0 | 5,98+0 | 6,01+0 | 6,06+0 | 5,99+0 | 5,74+0 | — |
| 53 | — | 1,09+0 | 2,57+1 | 3,80+1 | 3,19+1 | 1,58+1 | 1,60+1 | 1,59+1 | 1,57+1 | 1,55+1 | 1,48+1 | — |
| 55 | — | 2,13+0 | 4,29+1 | 6,37+1 | 5,38+1 | 2,74+1 | 2,83+1 | 2,75+1 | 2,65+1 | 2,60+1 | 2,48+1 | 1,56+0 |
| 57 | — | 3,87+0 | 4,68+1 | 7,01+1 | 5,97+1 | 3,17+1 | 3,38+1 | 3,19+1 | 2,95+1 | 2,87+1 | 2,70+1 | 2,83+0 |
| 59 | — | 5,31+0 | 4,95+1 | 7,49+1 | 6,45+1 | 3,63+1 | 4,02+1 | 3,65+1 | 3,21+1 | 3,07+1 | 2,86+1 | 3,88+0 |
| 61 | — | 6,07+0 | 5,73+1 | 8,78+1 | 7,66+1 | 4,62+1 | 5,39+1 | 4,67+1 | 3,84+1 | 3,60+1 | 3,31+1 | 4,45+0 |
| 63 | — | 6,64+0 | 6,01+1 | 9,36+1 | 8,32+1 | 5,46+1 | 6,76+1 | 5,53+1 | 4,23+1 | 3,85+1 | 3,48+1 | 4,87+0 |
| 65 | — | 8,37+0 | 6,50+1 | 1,03+2 | 9,36+1 | 6,77+1 | 8,99+1 | 6,90+1 | 4,84+1 | 4,26+1 | 3,76+1 | 6,15+0 |
| 67 | — | 9,69+0 | 4,88+1 | 8,24+1 | 8,03+1 | 8,04+1 | 1,34+2 | 8,35+1 | 4,41+1 | 3,45+1 | 2,83+1 | 7,15+0 |
| 69 | — | 9,72+0 | 3,70+1 | 6,77+1 | 7,27+1 | 1,09+2 | 2,40+2 | 1,17+2 | 4,44+1 | 2,94+1 | 2,16+1 | 7,25+0 |
| 71 | — | 8,48+0 | 2,82+1 | 5,61+1 | 6,80+1 | 1,52+2 | 4,25+2 | 1,69+2 | 4,92+1 | 2,63+1 | 1,69+1 | 6,52+0 |
| 73 | 1,20+0 | 7,62+0 | 2,18+1 | 4,67+1 | 6,52+1 | 1,86+2 | 5,74+2 | 2,16+2 | 5,84+1 | 2,55+1 | 1,38+1 | 6,31+0 |
| 75 | 2,19+0 | 7,40+0 | 1,77+1 | 4,12+1 | 6,82+1 | 2,21+2 | 6,75+2 | 2,64+2 | 7,53+1 | 2,88+1 | 1,28+1 | 7,08+0 |
| 80 | 9,80+0 | 1,69+1 | 2,28+1 | 6,10+1 | 1,36+2 | 4,06+2 | 9,65+2 | 4,77+2 | 1,86+2 | 7,64+1 | 2,86+1 | 2,30+1 |
| 85 | 4,39+1 | 1,25+2 | 1,51+2 | 3,07+2 | 5,68+2 | 1,53+3 | 3,23+3 | 1,69+3 | 7,10+2 | 3,90+2 | 1,97+2 | 1,58+2 |
| 90 | 2,31+2 | 1,11+3 | 1,46+3 | 2,02+3 | 2,72+3 | 6,93+3 | 1,39+4 | 7,13+3 | 2,90+3 | 2,17+3 | 1,58+3 | 1,19+3 |
| 95 | 1,68+3 | 7,08+3 | 9,06+3 | 1,06+4 | 1,24+4 | 2,89+4 | 5,44+4 | 2,89+4 | 1,24+4 | 1,06+4 | 9,06+3 | 7,08+3 |
| 105 | 2,52+3 | 1,14+4 | 1,48+4 | 1,80+4 | 2,19+4 | 6,30+4 | 1,39+5 | 6,30+4 | 2,19+4 | 1,80+4 | 1,48+4 | 1,14+4 |

Таблица 104— Июль, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 126,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 6,6° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,5 | 5,0 | 5,5 | 5,9 | 8,3 | 12,0 | 15,6 | 18,1 | 18,5 | 19,0 | 19,3 |
| 45 | — | — | 1,03+0 | 1,53+0 | 1,29+0 | — | — | — | — | — | — | — |
| 50 | — | — | 3,26+0 | 4,80+0 | 4,03+0 | 1,97+0 | 1,96+0 | 2,01+0 | 2,08+0 | 1,97+0 | 1,88+0 | — |
| 53 | — | — | 1,19+1 | 1,76+1 | 1,48+1 | 7,35+0 | 7,41+0 | 7,43+0 | 7,46+0 | 7,21+0 | 6,88+0 | — |
| 55 | — | — | 3,01+1 | 4,48+1 | 3,78+1 | 1,93+1 | 1,99+1 | 1,94+1 | 1,88+1 | 1,83+1 | 1,74+1 | — |
| 57 | — | 2,54+0 | 3,96+1 | 5,93+1 | 5,05+1 | 2,69+1 | 2,86+1 | 2,71+1 | 2,53+1 | 2,43+1 | 2,29+1 | 1,86+0 |
| 59 | — | 4,29+0 | 4,74+1 | 7,17+1 | 6,18+1 | 3,47+1 | 3,85+1 | 3,51+1 | 3,11+1 | 2,94+1 | 2,74+1 | 3,14+0 |
| 61 | — | 5,59+0 | 6,13+1 | 9,40+1 | 8,22+1 | 4,96+1 | 5,77+1 | 5,02+1 | 4,17+1 | 3,86+1 | 3,54+1 | 4,09+0 |
| 63 | — | 6,78+0 | 7,10+1 | 1,11+2 | 9,84+1 | 6,46+1 | 7,98+1 | 6,57+1 | 5,07+1 | 4,56+1 | 4,10+1 | 4,98+0 |
| 65 | — | 9,30+0 | 8,38+1 | 1,33+2 | 1,21+2 | 8,74+1 | 1,16+2 | 8,95+1 | 6,34+1 | 5,50+1 | 4,85+1 | 6,85+0 |
| 67 | — | 1,16+1 | 6,29+1 | 1,07+2 | 1,05+2 | 1,10+2 | 1,87+2 | 1,15+2 | 5,94+1 | 4,51+1 | 3,65+1 | 8,58+0 |
| 69 | — | 1,21+1 | 4,77+1 | 8,86+1 | 9,75+1 | 1,58+2 | 3,65+2 | 1,71+2 | 6,22+1 | 3,90+1 | 2,80+1 | 9,05+0 |
| 71 | — | 1,06+1 | 3,64+1 | 7,41+1 | 9,33+1 | 2,28+2 | 6,72+2 | 2,58+2 | 7,17+1 | 3,58+1 | 2,20+1 | 8,23+0 |
| 73 | 1,20+0 | 9,60+0 | 2,84+1 | 6,26+1 | 9,23+1 | 2,92+2 | 9,48+2 | 3,44+2 | 8,86+1 | 3,61+1 | 1,83+1 | 8,16+0 |
| 75 | 2,19+0 | 9,57+0 | 2,34+1 | 5,67+1 | 1,01+2 | 3,63+2 | 1,16+3 | 4,38+2 | 1,18+2 | 4,26+1 | 1,76+1 | 9,55+0 |
| 80 | 9,80+0 | 2,44+1 | 3,40+1 | 9,46+1 | 2,20+2 | 7,31+2 | 1,86+3 | 8,61+2 | 3,06+2 | 1,23+2 | 4,44+1 | 3,38+1 |
| 85 | 4,39+1 | 1,86+2 | 2,41+2 | 5,08+2 | 9,75+2 | 3,18+3 | 7,74+3 | 3,51+3 | 1,22+3 | 6,47+2 | 3,15+2 | 2,36+2 |
| 90 | 2,31+2 | 1,67+3 | 2,34+3 | 3,38+3 | 4,76+2 | 1,54+4 | 3,70+4 | 1,58+4 | 5,08+3 | 3,63+3 | 2,53+3 | 1,78+3 |
| 95 | 1,68+3 | 1,06+4 | 1,45+4 | 1,75+4 | 2,11+4 | 5,77+4 | 1,23+5 | 5,77+4 | 2,19+4 | 1,75+4 | 1,45+4 | 1,06+4 |
| 105 | 2,52+3 | 1,71+4 | 2,37+4 | 2,90+4 | 3,54+4 | 1,05+5 | 2,38+5 | 1,05+5 | 3,54+4 | 2,90+4 | 2,37+4 | 1,71+4 |

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | м т, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 1,15+0 | 1,71+0 | 1,47+0 | — | — | — | — | — | — | — |
| 50 | — | — | 8,13+0 | 1,20+1 | 1,02+1 | 5,37+0 | 5,37+0 | 5,40+0 | 5,44+0 | 5,37+0 | 5,12+0 | — |
| 53 | — | — | 2,15+1 | 3,17+1 | 2,71+1 | 1,45+1 | 1,47+1 | 1,46+1 | 1,44+1 | 1,42+1 | 1,35+1 | — |
| 55 | — | 1,30+0 | 3,65+1 | 5,42+1 | 4,65+1 | 2,57+1 | 2,64+1 | 2,58+1 | 2,48+1 | 2,43+1 | 2,30+1 | 1,01+0 |
| 57 | — | 2,41+0 | 3,99+1 | 5,96+1 | 5,16+1 | 2,98+1 | 3,15+1 | 2,99+1 | 2,76+1 | 2,68+1 | 2,51+1 | 1,87+0 |
| 59 | — | 3,37+0 | 4,21+1 | 6,37+1 | 5,58+1 | 3,41+1 | 3,75+1 | 3,43+1 | 3,00+1 | 2,87+1 | 2,65+1 | 2,61+0 |
| 61 | — | 3,97+0 | 4,89+1 | 7,50+1 | 6,66+1 | 4,38+1 | 5,05+1 | 4,41+1 | 3,61+1 | 3,38+1 | 3,08+1 | 3,08+0 |
| 63 | — | 4,47+0 | 5,23+1 | 8,14+1 | 7,37+1 | 5,28+1 | 6,45+1 | 5,34+1 | 4,04+1 | 3,68+1 | 3,29+1 | 3,47+0 |
| 65 | — | 5,79+0 | 5,82+1 | 9,24+1 | 8,55+1 | 6,77+1 | 8,82+1 | 6,89+1 | 4,77+1 | 4,19+1 | 3,67+1 | 4,51+0 |
| 67 | — | 7,01+0 | 4,37+1 | 7,43+1 | 7,42+1 | 8,36+1 | 1,37+2 | 8,65+1 | 4,38+1 | 3,42+1 | 2,76+1 | 5,48+0 |
| 69 | — | 7,37+0 | 3,31+1 | 6,12+1 | 6,78+1 | 1,17+2 | 2,47+2 | 1,24+2 | 4,44+1 | 2,92+1 | 2,11+1 | 5,82+0 |
| 71 | — | 6,71+0 | 2,53+1 | 5,10+1 | 6,41+1 | 1,64+2 | 4,35+2 | 1,81+2 | 4,92+1 | 2,62+1 | 1,65+1 | 5,47+0 |
| 73 | 1,13+0 | 6,31+0 | 1,96+1 | 4,28+1 | 6,21+1 | 2,03+2 | 5,88+2 | 2,33+2 | 5,86+1 | 2,56+1 | 1,36+1 | 5,52+0 |
| 75 | 2,06+0 | 6,44+0 | 1,61+1 | 3,82+1 | 6,60+1 | 2,41+2 | 6,90+2 | 2,84+2 | 7,58+1 | 2,89+1 | 1,26+1 | 6,45+0 |
| 80 | 9,25+0 | 1,62+1 | 2,23+1 | 6,04+1 | 1,36+2 | 4,35+2 | 9,84+2 | 5,06+2 | 1,88+2 | 7,77+1 | 2,90+1 | 2,19+1 |
| 85 | 4,14+1 | 1,18+2 | 1,54+2 | 3,13+2 | 5,79+2 | 1,64+3 | 3,30+3 | 1,79+3 | 7,23+2 | 3,98+2 | 2,01+2 | 1,47+2 |
| 90 | 2,24+2 | 1,03+3 | 1,48+3 | 2,06+3 | 2,80+3 | 7,42+3 | 1,43+4 | 7,62+3 | 2,98+3 | 2,22+3 | 1,61+3 | 1,10+3 |
| 95 | 1,68+3 | 6,62+3 | 9,20+3 | 1,08+4 | 1,28+4 | 3,08+4 | 5,56+4 | 3,08+4 | 1,28+4 | 1,08+4 | 9,20+3 | 6,62+3 |
| 105 | 2,52+3 | 1,06+4 | 1,50+4 | 1,84+4 | 2,26+4 | 6,78+4 | 1,42+5 | 6,78+4 | 2,26+4 | 1,84+4 | 1,50+4 | 1,06+4 |

Таблица 106 — Июнь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 90,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | — | 1,26+0 | 1,08+0 | — | — | — | — | — | — | — |
| 50 | — | — | 2,72+0 | 4,01+0 | 3,42+0 | 1,81+0 | 1,80+0 | 1,84+0 | 1,91+0 | 1,80+0 | 1,71+0 | — |
| 53 | — | — | 1,03+1 | 1,52+1 | 1,30+1 | 6,98+0 | 7,03+0 | 7,05+0 | 7,07+0 | 6,84+0 | 6,49+0 | — |
| 55 | — | — | 2,62+1 | 3,88+1 | 3,34+1 | 1,84+1 | 1,90+1 | 1,85+1 | 1,79+1 | 1,75+1 | 1,65+1 | — |
| 57 | — | 1,66+0 | 3,40+1 | 5,09+1 | 4,41+1 | 2,54+1 | 2,69+1 | 2,56+1 | 2,38+1 | 2,29+1 | 2,14+1 | 1,28+0 |
| 59 | — | 2,79+0 | 4,04+1 | 6,11+1 | 5,36+1 | 3,27+1 | 3,60+1 | 3,31+1 | 2,92+1 | 2,75+1 | 2,54+1 | 2,15+0 |
| 61 | — | 3,68+0 | 5,22+1 | 8,00+1 | 7,12+1 | 4,68+1 | 5,39+1 | 4,74+1 | 3,91+1 | 3,61+1 | 3,29+1 | 2,86+0 |
| 63 | — | 4,55+0 | 6,13+1 | 9,55+1 | 8,67+1 | 6,20+1 | 7,56+1 | 6,31+1 | 4,82+1 | 4,32+1 | 3,86+1 | 3,54+0 |
| 65 | — | 6,37+0 | 7,43+1 | 1,18+2 | 1,09+2 | 8,66+1 | 1,13+2 | 8,85+1 | 6,18+1 | 5,37+1 | 4,68+1 | 4,97+0 |
| 67 | — | 8,26+0 | 5,58+1 | 9,56+1 | 9,66+1 | 1,13+2 | 1,89+2 | 1,18+2 | 5,85+1 | 4,43+1 | 3,53+1 | 6,47+0 |
| 69 | — | 8,99+0 | 4,23+1 | 7,96+1 | 9,05+1 | 1,69+2 | 3,74+2 | 1,81+2 | 6,18+1 | 3,85+1 | 2,71+1 | 7,13+0 |
| 71 | — | 8,22+0 | 3,24+1 | 6,69+1 | 8,75+1 | 2,47+2 | 6,87+2 | 2,77+2 | 7,15+1 | 3,54+1 | 2,13+1 | 6,77+0 |
| 73 | 1,13+0 | 7,81+0 | 2,53+1 | 5,71+1 | 8,79+1 | 3,18+2 | 9,69+2 | 3,71+2 | 8,86+1 | 3,60+1 | 1,79+1 | 7,01+0 |
| 75 | 2,06+0 | 8,19+0 | 2,11+1 | 5,25+1 | 9,77+1 | 3,96+2 | 1,19+3 | 4,71+2 | 1,19+2 | 4,28+1 | 1,73+1 | 8,54+0 |
| 80 | 9,25+0 | 2,29+1 | 3,33+1 | 9,37+1 | 2,21+2 | 7,87+2 | 1,90+3 | 9,16+2 | 3,09+2 | 1,24+2 | 4,50+1 | 3,15+1 |
| 85 | 4,14+1 | 1,72+2 | 2,44+2 | 5,17+2 | 9,94+2 | 3,43+3 | 7,91+3 | 3,76+3 | 1,24+3 | 6,59+2 | 3,20+2 | 2,15+2 |
| 90 | 2,24+2 | 1,50+3 | 2,37+3 | 3,45+3 | 4,89+3 | 1,66+4 | 3,77+4 | 1,70+4 | 5,22+3 | 3,71+3 | 2,57+3 | 1,60+3 |
| 95 | 1,68+3 | 9,66+3 | 1,47+4 | 1,79+4 | 2,17+4 | 6,17+4 | 1,25+5 | 6,17+4 | 2,17+4 | 1,79+4 | 1,47+4 | 9,66+3 |
| 105 | 2,52+3 | 1,55+4 | 2,40+4 | 2,96+4 | 3,65+4 | 1,13+5 | 2,42+5 | 1,13+5 | 3,65+4 | 2,96+4 | 2,40+4 | 1,55+4 |

96 Таблица 107 — Июнь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | н. т. ч. | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 2,45+0 | 3,64+0 | 3,15+0 | 1,79+0 | 1,84+0 | 1,80+0 | 1,74+0 | 1,69+0 | 1,63+0 | — |
| 50 | — | — | 1,76+1 | 2,59+1 | 2,22+1 | 1,21+1 | 1,21+1 | 1,21+1 | 1,22+1 | 1,21+1 | 1,17+1 | — |
| 53 | — | 1,34+0 | 4,13+1 | 6,09+1 | 5,24+1 | 2,89+1 | 2,92+1 | 2,90+1 | 2,87+1 | 2,84+1 | 2,75+1 | 1,16+0 |
| 55 | — | 2,51+0 | 6,23+1 | 9,24+1 | 7,99+1 | 4,54+1 | 4,68+1 | 4,55+1 | 4,37+1 | 4,30+1 | 4,15+1 | 2,17+0 |
| 57 | — | 4,14+0 | 6,82+1 | 1,02+2 | 8,90+1 | 5,28+1 | 5,60+1 | 5,30+1 | 4,88+1 | 4,75+1 | 4,54+1 | 3,58+0 |
| 59 | — | 5,66+0 | 7,20+1 | 1,09+2 | 9,62+1 | 6,05+1 | 6,66+1 | 6,08+1 | 5,30+1 | 5,08+1 | 4,80+1 | 4,90+0 |
| 61 | — | 6,60+0 | 8,00+1 | 1,23+2 | 1,10+2 | 7,42+1 | 8,57+1 | 7,47+1 | 6,08+1 | 5,72+1 | 5,33+1 | 5,72+0 |
| 63 | — | 7,36+0 | 7,22+1 | 1,13+2 | 1,03+2 | 7,56+1 | 9,24+1 | 7,65+1 | 5,77+1 | 5,26+1 | 4,81+1 | 6,38+0 |
| 65 | — | 8,82+0 | 6,17+1 | 9,81+1 | 9,16+1 | 7,47+1 | 9,72+1 | 7,61+1 | 5,29+1 | 4,61+1 | 4,12+1 | 7,66+0 |
| 67 | — | 8,93+0 | 4,63+1 | 7,66+1 | 7,53+1 | 7,52+1 | 1,11+2 | 7,80+1 | 4,62+1 | 3,65+1 | 3,10+1 | 7,77+0 |
| 69 | — | 8,34+0 | 3,51+1 | 6,26+1 | 6,78+1 | 9,84+1 | 1,82+2 | 1,05+2 | 4,60+1 | 3,07+1 | 2,36+1 | 7,31+0 |
| 71 | — | 7,57+0 | 2,67+1 | 5,22+1 | 6,47+1 | 1,42+2 | 3,34+2 | 1,57+2 | 5,12+1 | 2,73+1 | 1,83+1 | 6,76+0 |
| 73 | 1,66+0 | 7,04+0 | 2,06+1 | 4,36+1 | 6,27+1 | 1,75+2 | 4,53+2 | 2,01+2 | 6,01+1 | 2,60+1 | 1,47+1 | 6,58+0 |
| 75 | 3,03+0 | 6,98+0 | 1,66+1 | 3,83+1 | 6,60+1 | 2,07+2 | 5,32+2 | 2,43+2 | 7,60+1 | 2,83+1 | 1,30+1 | 7,17+0 |
| 80 | 1,36+1 | 1,52+1 | 1,97+1 | 5,50+1 | 1,28+2 | 3,66+2 | 7,68+2 | 4,25+2 | 1,76+2 | 6,89+1 | 2,47+1 | 2,05+1 |
| 85 | 6,08+1 | 1,08+2 | 1,26+2 | 2,68+2 | 5,13+2 | 1,33+3 | 2,54+3 | 1,46+3 | 6,40+2 | 3,40+2 | 1,64+2 | 1,35+2 |
| 90 | 2,72+2 | 9,15+2 | 1,23+3 | 1,72+3 | 2,34+3 | 5,90+3 | 1,10+4 | 6,05+3 | 2,50+3 | 1,85+3 | 1,33+3 | 9,76+2 |
| 95 | 1,68+3 | 5,70+3 | 7,65+3 | 8,95+3 | 1,05+4 | 2,44+4 | 4,30+4 | 2,44+4 | 1,05+4 | 8,95+3 | 7,65+3 | 5,70+3 |
| 105 | 2,52+3 | 9,16+3 | 1,25+4 | 1,52+4 | 1,85+4 | 5,37+4 | 1,10+5 | 5,37+4 | 1,85+4 | 1,52+4 | 1,25+4 | 9,16+3 |

Таблица 108 — Июнь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 1,75+0 | 2,60+0 | 2,26+0 | 1,28+0 | 1,32+0 | 1,30+0 | 1,28+0 | 1,21+0 | 1,17+0 | — |
| 50 | — | — | 5,21+0 | 7,67+0 | 6,60+0 | 3,58+0 | 3,57+0 | 3,64+0 | 3,74+0 | 3,58+0 | 3,47+0 | — |
| 53 | — | — | 1,58+1 | 2,33+1 | 2,01+1 | 1,11+1 | 1,12+1 | 1,12+1 | 1,12+1 | 1,09+1 | 1,05+1 | — |
| 55 | — | — | 3,87+1 | 5,75+1 | 4,98+1 | 2,83+1 | 2,91+1 | 2,84+1 | 2,75+1 | 2,68+1 | 2,58+1 | — |
| 57 | — | 2,46+0 | 5,49+1 | 8,21+1 | 7,17+1 | 4,26+1 | 4,51+1 | 4,28+1 | 3,97+1 | 3,83+1 | 3,66+1 | 2,13+0 |
| 59 | — | 4,35+0 | 6,81+1 | 1,03+2 | 9,10+1 | 5,72+1 | 6,30+1 | 5,77+1 | 5,07+1 | 4,81+1 | 4,54+1 | 3,77+0 |
| 61 | — | 5,97+0 | 8,69+1 | 1,33+2 | 1,19+2 | 8,07+1 | 9,32+1 | 8,16+1 | 6,69+1 | 6,23+1 | 5,80+1 | 5,17+0 |
| 63 | — | 7,52+0 | 8,83+1 | 1,38+2 | 1,26+2 | 9,27+1 | 1,13+2 | 9,41+1 | 7,15+1 | 6,45+1 | 5,89+1 | 6,52+0 |
| 65 | — | 9,96+0 | 8,34+1 | 1,33+2 | 1,24+2 | 1,01+2 | 1,31+2 | 1,03+2 | 7,25+1 | 6,24+1 | 5,57+1 | 8,65+0 |
| 67 | — | 1,09+1 | 6,26+1 | 1,05+2 | 1,04+2 | 1,08+2 | 1,63+2 | 1,13+2 | 6,50+1 | 5,00+1 | 4,19+1 | 9,53+0 |
| 69 | — | 1,07+1 | 4,75+1 | 8,59+1 | 9,51+1 | 1,47+2 | 2,83+2 | 1,58+2 | 6,67+1 | 4,25+1 | 3,20+1 | 9,35+0 |
| 71 | — | 9,69+0 | 3,62+1 | 7,20+1 | 9,22+1 | 2,18+2 | 5,31+2 | 2,44+2 | 7,65+1 | 3,85+1 | 2,49+1 | 8,70+0 |
| 73 | 1,66+0 | 9,06+0 | 2,80+1 | 6,08+1 | 9,18+1 | 2,79+2 | 7,49+2 | 3,24+2 | 9,28+1 | 3,77+1 | 2,02+1 | 8,59+0 |
| 75 | 3,03+0 | 9,14+0 | 2,28+1 | 5,46+1 | 1,00+2 | 3,43+2 | 9,20+2 | 4,07+2 | 1,21+2 | 4,25+1 | 1,83+1 | 9,62+0 |
| 80 | 1,36+1 | 2,17+1 | 2,98+1 | 8,64+1 | 2,10+2 | 6,63+2 | 1,48+3 | 7,71+2 | 2,92+2 | 1,11+2 | 3,85+1 | 2,96+1 |
| 85 | 6,08+1 | 1,58+2 | 2,02+2 | 4,46+2 | 8,88+2 | 2,81+3 | 6,13+3 | 3,08+3 | 1,11+3 | 5,67+2 | 2,64+2 | 1,98+2 |
| 90 | 2,72+2 | 1,35+3 | 1,98+3 | 2,90+3 | 4,14+3 | 1,34+4 | 2,94+4 | 1,37+4 | 4,42+3 | 3,12+3 | 2,14+3 | 1,43+3 |
| 95 | 1,68+3 | 8,39+3 | 1,23+4 | 1,49+4 | 1,80+4 | 4,96+4 | 9,80+4 | 4,96+4 | 1,80+4 | 1,49+4 | 1,23+4 | 8,39+3 |
| 105 | 2,53+3 | 1,35+4 | 2,01+4 | 2,47+4 | 3,02+4 | 9,06+4 | 1,89+5 | 9,06+4 | 3,02+4 | 2,47+4 | 2,01+4 | 1,35+4 |

Таблица 109 — Июнь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 3,15+0 | 4,67+0 | 4,06+0 | 2,35+0 | 2,42+0 | 2,36+0 | 2,29+0 | 2,22+0 | 2,11+0 | — |
| 50 | — | — | 2,27+1 | 3,34+1 | 2,88+1 | 1,59+1 | 1,59+1 | 1,59+1 | 1,60+1 | 1,59+1 | 1,52+1 | — |
| 53 | — | 1,86+0 | 5,19+1 | 7,67+1 | 6,63+1 | 3,72+1 | 3,76+1 | 3,73+1 | 3,68+1 | 3,65+1 | 3,47+1 | 1,52+0 |
| 55 | — | 3,44+0 | 7,62+1 | 1,13+2 | 9,82+1 | 5,67+1 | 5,85+1 | 5,69+1 | 5,46+1 | 5,38+1 | 5,10+1 | 2,81+0 |
| 57 | — | 5,54+0 | 8,34+1 | 1,25+2 | 1,09+2 | 6,60+1 | 7,00+1 | 6,62+1 | 6,10+1 | 5,94+1 | 5,58+1 | 4,52+0 |
| 59 | — | 7,53+0 | 8,81+1 | 1,33+2 | 1,18+2 | 7,56+1 | 8,32+1 | 7,59+1 | 6,62+1 | 6,35+1 | 5,90+1 | 6,15+0 |
| 61 | — | 8,77+0 | 9,46+1 | 1,45+2 | 1,30+2 | 8,96+1 | 1,04+2 | 9,03+1 | 7,35+1 | 6,91+1 | 6,33+1 | 7,16+0 |
| 63 | — | 9,70+0 | 7,86+1 | 1,23+2 | 1,12+2 | 8,41+1 | 1,03+2 | 8,52+1 | 6,44+1 | 5,85+1 | 5,26+1 | 7,92+0 |
| 65 | — | 1,11+1 | 5,94+1 | 9,45+1 | 8,89+1 | 7,36+1 | 9,55+1 | 7,53+1 | 5,29+1 | 4,54+1 | 3,98+1 | 9,08+0 |
| 67 | — | 1,03+1 | 4,46+1 | 7,31+1 | 7,18+1 | 6,86+1 | 9,69+1 | 7,17+1 | 4,58+1 | 3,56+1 | 3,00+1 | 8,45+0 |
| 69 | — | 9,14+0 | 3,38+1 | 5,96+1 | 6,47+1 | 8,82+1 | 1,54+2 | 9,50+1 | 4,63+1 | 3,01+1 | 2,29+1 | 7,57+0 |
| 71 | 1,68+0 | 8,31+0 | 2,57+1 | 4,99+1 | 6,28+1 | 1,30+2 | 2,88+2 | 1,46+2 | 5,30+1 | 2,71+1 | 1,77+1 | 7,05+0 |
| 73 | 3,07+0 | 7,76+0 | 1,99+1 | 4,20+1 | 6,22+1 | 1,62+2 | 3,89+2 | 1,88+2 | 6,36+1 | 2,63+1 | 1,44+1 | 6,97+0 |
| 75 | 5,59+0 | 7,78+0 | 1,62+1 | 3,75+1 | 6,74+1 | 1,93+2 | 4,57+2 | 2,29+2 | 8,17+1 | 2,93+1 | 1,29+1 | 7,84+0 |
| 80 | 2,51+1 | 1,81+1 | 2,05+1 | 5,79+1 | 1,37+2 | 3,42+2 | 6,52+2 | 3,97+2 | 1,90+2 | 7,45+1 | 2,64+1 | 2,43+1 |
| 85 | 1,12+2 | 1,30+2 | 1,37+2 | 2,89+2 | 5,48+2 | 1,25+3 | 2,19+3 | 1,37+3 | 6,84+2 | 3,68+2 | 1,79+2 | 1,63+2 |
| 90 | 4,99+2 | 1,11+3 | 1,34+3 | 1,85+3 | 2,47+3 | 5,51+3 | 9,45+3 | 5,65+3 | 2,63+3 | 1,98+3 | 1,45+3 | 1,18+3 |
| 95 | 2,44+3 | 6,59+3 | 8,37+3 | 9,57+3 | 1,09+4 | 2,26+4 | 3,68+4 | 2,26+4 | 1,09+4 | 9,57+3 | 8,37+3 | 6,59+3 |
| 105 | 3,58+3 | 1,05+4 | 1,37+4 | 1,63+4 | 1,94+4 | 4,98+4 | 9,39+4 | 4,98+4 | 1,94+4 | 1,63+4 | 1,37+4 | 1,05+4 |

Таблица 110 — Июнь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 2,24+0 | 3,32+0 | 2,89+0 | 1,67+0 | 1,72+0 | 1,70+0 | 1,66+0 | 1,58+0 | 1,50+0 | — |
| 50 | — | — | 6,54+0 | 9,63+0 | 8,33+0 | 4,60+0 | 4,58+0 | 4,67+0 | 4,80+0 | 4,59+0 | 4,38+0 | — |
| 53 | — | — | 1,88+1 | 2,77+1 | 2,40+1 | 1,35+1 | 1,36+1 | 1,36+1 | 1,36+1 | 1,32+1 | 1,25+1 | — |
| 55 | — | 1,08+0 | 4,56+1 | 6,76+1 | 5,89+1 | 3,40+1 | 3,50+1 | 3,42+1 | 3,31+1 | 3,22+1 | 3,05+1 | — |
| 57 | — | 3,16+0 | 6,62+1 | 9,90+1 | 8,69+1 | 5,24+1 | 5,55+1 | 5,28+1 | 4,89+1 | 4,71+1 | 4,43+1 | 2,58+0 |
| 59 | — | 5,68+0 | 8,30+1 | 1,26+2 | 1,12+2 | 7,12+1 | 7,84+1 | 7,18+1 | 6,31+1 | 5,98+1 | 5,56+1 | 4,64+0 |
| 61 | — | 7,88+0 | 1,03+2 | 1,58+2 | 1,43+2 | 9,80+1 | 1,13+2 | 9,90+1 | 8,12+1 | 7,55+1 | 6,91+1 | 6,43+0 |
| 63 | — | 9,91+0 | 9,69+1 | 1,51+2 | 1,39+2 | 1,04+2 | 1,27+2 | 1,06+2 | 8,05+1 | 7,23+1 | 6,49+1 | 8,10+0 |
| 65 | — | 1,26+1 | 8,10+1 | 1,29+2 | 1,22+2 | 1,01+2 | 1,30+2 | 1,03+2 | 7,32+1 | 6,20+1 | 5,43+1 | 1,03+1 |
| 67 | — | 1,27+1 | 6,08+1 | 1,01+2 | 1,00+2 | 9,98+1 | 1,44+2 | 1,05+2 | 6,52+1 | 4,93+1 | 4,09+1 | 1,04+1 |
| 69 | — | 1,18+1 | 4,61+1 | 8,24+1 | 9,15+1 | 1,33+2 | 2,40+2 | 1,44+2 | 6,77+1 | 4,20+1 | 3,12+1 | 9,76+0 |
| 71 | 1,68+0 | 1,07+1 | 3,52+1 | 6,94+1 | 9,02+1 | 1,99+2 | 4,55+2 | 2,26+2 | 7,95+1 | 3,85+1 | 2,43+1 | 9,14+0 |
| 73 | 3,07+0 | 1,01+1 | 2,73+1 | 5,91+1 | 9,18+1 | 2,58+2 | 6,41+2 | 3,02+2 | 9,84+1 | 3,84+1 | 2,00+1 | 9,17+0 |
| 75 | 5,59+0 | 1,03+1 | 2,24+1 | 5,39+1 | 1,03+2 | 3,50+2 | 7,87+2 | 3,81+2 | 1,30+2 | 4,44+1 | 1,84+1 | 1,06+1 |
| 80 | 2,51+1 | 2,58+1 | 3,12+1 | 9,10+1 | 2,24+2 | 6,19+2 | 1,26+3 | 7,21+2 | 3,14+2 | 1,20+2 | 4,10+1 | 3,51+1 |
| 85 | 1,12+2 | 1,50+2 | 2,19+2 | 4,79+2 | 9,41+2 | 2,62+3 | 5,23+3 | 2,87+3 | 1,18+3 | 6,10+2 | 2,86+2 | 2,38+2 |
| 90 | 4,99+2 | 1,62+3 | 2,15+3 | 3,09+3 | 4,32+3 | 1,23+4 | 2,50+4 | 1,27+4 | 4,61+3 | 3,32+3 | 2,32+3 | 1,72+3 |
| 95 | 2,44+3 | 9,62+3 | 1,34+4 | 1,58+4 | 1,86+4 | 4,54+4 | 8,27+4 | 4,54+4 | 1,86+4 | 1,58+4 | 1,34+4 | 9,62+3 |
| 105 | 3,58+3 | 1,54+4 | 2,19+4 | 2,62+4 | 3,14+4 | 8,33+4 | 1,60+5 | 8,33+4 | 3,14+4 | 2,62+4 | 2,19+4 | 1,54+4 |

Таблица 111 — Июнь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=320^\circ$

| h, км | | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | | h, ч | | | | | | | | | | | |
| | | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 2,38+0 | 3,53+0 | 3,05+0 | 1,73+0 | 1,78+0 | 1,74+0 | 1,69+0 | 1,64+0 | 1,58+0 | — | — |
| 50 | — | — | 1,71+1 | 2,51+1 | 2,15+1 | 1,17+1 | 1,17+1 | 1,17+1 | 1,18+1 | 1,17+1 | 1,14+1 | — | — |
| 53 | — | 1,30+0 | 4,02+1 | 5,93+1 | 5,10+1 | 2,81+1 | 2,84+1 | 2,82+1 | 2,78+1 | 2,75+1 | 2,67+1 | 1,13+0 | — |
| 55 | — | 2,44+0 | 6,08+1 | 9,02+1 | 7,80+1 | 4,42+1 | 4,55+1 | 4,44+1 | 4,26+1 | 4,19+1 | 4,05+1 | 2,12+0 | — |
| 57 | — | 4,05+0 | 6,66+1 | 9,96+1 | 8,68+1 | 5,14+1 | 5,45+1 | 5,16+1 | 4,76+1 | 4,63+1 | 4,43+1 | 3,51+0 | — |
| 59 | — | 5,53+0 | 7,03+1 | 1,06+2 | 9,39+1 | 5,89+1 | 6,49+1 | 5,92+1 | 5,17+1 | 4,95+1 | 4,68+1 | 4,80+0 | — |
| 61 | — | 6,46+0 | 7,83+1 | 1,20+2 | 1,07+2 | 7,25+1 | 8,38+1 | 7,30+1 | 5,95+1 | 5,59+1 | 5,21+1 | 5,61+0 | — |
| 63 | — | 7,21+0 | 7,14+1 | 1,11+2 | 1,01+2 | 7,46+1 | 9,11+1 | 7,54+1 | 5,69+1 | 5,19+1 | 4,75+1 | 6,26+0 | — |
| 65 | — | 8,58+0 | 6,18+1 | 9,83+1 | 9,18+1 | 7,46+1 | 9,71+1 | 7,61+1 | 5,29+1 | 4,61+1 | 4,12+1 | 7,55+0 | — |
| 67 | — | 8,87+0 | 4,64+1 | 7,69+1 | 7,56+1 | 7,59+1 | 1,13+2 | 7,88+1 | 4,63+1 | 3,65+1 | 3,10+1 | 7,74+0 | — |
| 69 | — | 8,34+0 | 3,52+1 | 6,28+1 | 6,81+1 | 9,96+1 | 1,86+2 | 1,06+2 | 4,62+1 | 3,08+1 | 2,36+1 | 7,32+0 | — |
| 71 | — | 7,57+0 | 2,68+1 | 5,24+1 | 6,49+1 | 1,44+2 | 3,39+2 | 1,59+2 | 5,14+1 | 2,74+1 | 1,83+1 | 6,77+0 | — |
| 73 | 1,64+0 | 7,03+0 | 2,07+1 | 4,37+1 | 6,29+1 | 1,77+2 | 4,60+2 | 2,04+2 | 6,04+1 | 2,61+1 | 1,47+1 | 6,60+0 | — |
| 75 | 2,99+0 | 6,98+0 | 1,66+1 | 3,85+1 | 6,64+1 | 2,09+2 | 5,41+2 | 2,46+2 | 7,64+1 | 2,84+1 | 1,30+1 | 7,20+0 | — |
| 80 | 1,34+1 | 1,53+1 | 1,98+1 | 5,54+1 | 1,29+2 | 3,71+2 | 7,81+2 | 4,31+2 | 1,78+2 | 6,95+1 | 2,49+1 | 2,06+1 | — |
| 85 | 6,02+1 | 1,09+2 | 1,27+2 | 2,71+2 | 5,18+2 | 1,35+3 | 2,59+3 | 1,48+3 | 6,46+2 | 3,43+2 | 1,66+2 | 1,36+2 | — |
| 90 | 2,71+2 | 9,23+2 | 1,24+3 | 1,74+3 | 2,37+3 | 5,98+3 | 1,11+4 | 6,14+3 | 2,53+3 | 1,87+3 | 1,34+3 | 9,84+2 | — |
| 95 | 1,68+3 | 5,76+3 | 7,74+3 | 9,06+3 | 1,06+4 | 2,47+4 | 4,37+4 | 2,47+4 | 1,06+4 | 9,06+3 | 7,74+3 | 5,76+3 | — |
| 105 | 2,52+3 | 9,25+3 | 1,26+4 | 1,54+4 | 1,88+4 | 5,45+4 | 1,12+5 | 5,45+4 | 1,88+4 | 1,54+4 | 1,26+4 | 9,25+3 | — |

Таблица 112 — Июнь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 116,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 16,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,0 | 4,5 | 5,0 | 5,5 | 8,1 | 12,0 | 15,8 | 18,3 | 18,8 | 19,3 | 19,8 |
| 45 | — | — | 1,70+0 | 2,52+0 | 2,19+0 | 1,24+0 | 1,28+0 | 1,26+0 | 1,24+0 | 1,17+0 | 1,13+0 | — |
| 50 | — | — | 5,07+0 | 7,46+0 | 6,42+0 | 3,48+0 | 3,46+0 | 3,53+0 | 3,53+0 | 3,47+0 | 3,37+0 | — |
| 53 | — | — | 1,55+1 | 2,28+1 | 1,97+1 | 1,08+1 | 1,09+1 | 1,09+1 | 1,10+1 | 1,06+1 | 1,03+1 | — |
| 55 | — | — | 3,80+1 | 5,64+1 | 4,88+1 | 2,77+1 | 2,85+1 | 2,79+1 | 2,70+1 | 2,62+1 | 2,53+1 | — |
| 57 | — | 2,41+0 | 5,37+1 | 8,03+1 | 7,01+1 | 4,15+1 | 4,40+1 | 4,18+1 | 3,88+1 | 3,74+1 | 3,57+1 | 2,10+0 |
| 59 | — | 4,27+0 | 6,65+1 | 1,01+2 | 8,89+1 | 5,58+1 | 6,14+1 | 5,63+1 | 4,94+1 | 4,69+1 | 4,43+1 | 3,70+0 |
| 61 | — | 5,85+0 | 8,51+1 | 1,30+2 | 1,17+2 | 7,89+1 | 9,10+1 | 7,97+1 | 6,54+1 | 6,08+1 | 5,67+1 | 5,08+0 |
| 63 | — | 7,37+0 | 8,72+1 | 1,36+2 | 1,24+2 | 9,13+1 | 1,11+2 | 9,27+1 | 7,05+1 | 6,35+1 | 5,81+1 | 6,40+0 |
| 65 | — | 9,80+0 | 8,35+1 | 1,33+2 | 1,24+2 | 1,01+2 | 1,31+2 | 1,03+2 | 7,24+1 | 6,23+1 | 5,56+1 | 8,52+0 |
| 67 | — | 1,09+1 | 6,27+1 | 1,05+2 | 1,04+2 | 1,09+2 | 1,65+2 | 1,14+2 | 6,51+1 | 4,99+1 | 4,19+1 | 9,48+0 |
| 69 | — | 1,06+1 | 4,75+1 | 8,31+1 | 9,54+1 | 1,49+2 | 2,88+2 | 1,60+2 | 6,69+1 | 4,26+1 | 3,20+1 | 9,36+0 |
| 71 | — | 9,67+0 | 3,62+1 | 7,22+1 | 9,25+1 | 2,20+2 | 5,40+2 | 2,46+2 | 7,67+1 | 3,85+1 | 2,48+1 | 8,71+0 |
| 73 | 1,64+0 | 9,05+0 | 2,81+1 | 6,10+1 | 9,22+1 | 2,82+2 | 7,61+2 | 3,27+2 | 9,32+1 | 3,78+1 | 2,02+1 | 8,60+0 |
| 75 | 2,99+0 | 9,14+0 | 2,29+1 | 5,48+1 | 1,01+2 | 3,47+2 | 9,35+2 | 4,12+2 | 1,21+2 | 4,27+1 | 1,84+1 | 9,65+0 |
| 80 | 1,34+1 | 2,19+1 | 3,00+1 | 8,71+1 | 2,12+2 | 6,72+2 | 1,50+3 | 7,81+2 | 2,94+2 | 1,12+2 | 3,89+1 | 2,98+1 |
| 85 | 6,02+1 | 1,59+2 | 2,04+2 | 4,51+2 | 8,97+2 | 2,85+3 | 6,24+3 | 3,13+3 | 1,12+3 | 5,74+2 | 2,67+2 | 1,99+2 |
| 90 | 2,71+2 | 1,36+3 | 2,00+3 | 2,94+3 | 4,19+3 | 1,36+4 | 2,99+4 | 1,39+4 | 4,47+3 | 3,16+3 | 2,17+3 | 1,45+3 |
| 95 | 1,68+3 | 8,47+3 | 1,25+4 | 1,51+4 | 1,82+4 | 5,04+4 | 9,97+4 | 5,04+4 | 1,82+4 | 1,51+4 | 1,25+4 | 8,47+3 |
| 105 | 2,52+3 | 1,36+4 | 2,04+4 | 2,50+4 | 3,06+4 | 9,20+4 | 1,93+5 | 9,20+4 | 3,06+4 | 2,50+4 | 2,04+4 | 1,36+4 |

Таблица 113 — Илья, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ , при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 111,0° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 21,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | ш л, ч | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,5 | 18,5 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 2,93+0 | 4,35+0 | 3,83+0 | 2,33+0 | 2,39+0 | 2,34+0 | 2,26+0 | 2,20+0 | 2,09+0 | — |
| 50 | — | — | 2,11+1 | 3,11+1 | 2,71+1 | 1,57+1 | 1,57+1 | 1,58+1 | 1,58+1 | 1,57+1 | 1,50+1 | — |
| 53 | — | 1,30+0 | 4,84+1 | 7,14+1 | 6,24+1 | 3,68+1 | 3,72+1 | 3,69+1 | 3,65+1 | 3,61+1 | 3,44+1 | 1,12+0 |
| 55 | — | 2,42+0 | 7,10+1 | 1,05+2 | 9,26+1 | 5,63+1 | 5,79+1 | 5,65+1 | 5,41+1 | 5,33+1 | 5,05+1 | 2,08+0 |
| 57 | — | 3,92+0 | 7,78+1 | 1,16+2 | 1,03+2 | 6,56+1 | 6,93+1 | 6,58+1 | 6,05+1 | 5,89+1 | 5,54+1 | 3,38+0 |
| 59 | — | 5,41+0 | 8,22+1 | 1,24+2 | 1,12+2 | 7,53+1 | 8,25+1 | 7,56+1 | 6,57+1 | 6,29+1 | 5,85+1 | 4,66+0 |
| 61 | — | 6,45+0 | 8,84+1 | 1,35+2 | 1,23+2 | 8,97+1 | 1,03+2 | 9,03+1 | 7,31+1 | 6,86+1 | 6,29+1 | 5,56+0 |
| 63 | — | 7,32+0 | 7,36+1 | 1,15+2 | 1,07+2 | 8,48+1 | 1,02+2 | 8,57+1 | 6,42+1 | 5,83+1 | 5,24+1 | 6,31+0 |
| 65 | — | 8,60+0 | 5,59+1 | 8,90+1 | 8,50+1 | 7,48+1 | 9,56+1 | 7,64+1 | 5,30+1 | 4,55+1 | 3,99+1 | 7,42+0 |
| 67 | — | 8,29+0 | 4,20+1 | 6,90+1 | 6,88+1 | 7,03+1 | 9,73+1 | 7,32+1 | 4,58+1 | 3,57+1 | 3,00+1 | 7,18+0 |
| 69 | — | 7,65+0 | 3,18+1 | 5,64+1 | 6,24+1 | 9,16+1 | 1,55+2 | 9,80+1 | 4,63+1 | 3,02+1 | 2,29+1 | 6,68+0 |
| 71 | 1,55+0 | 7,21+0 | 2,43+1 | 4,74+1 | 6,03+1 | 1,37+2 | 2,89+2 | 1,52+2 | 5,30+1 | 2,72+1 | 1,77+1 | 6,43+0 |
| 73 | 2,82+0 | 6,98+0 | 1,88+1 | 4,00+1 | 6,06+1 | 1,71+2 | 3,91+2 | 1,96+2 | 6,34+1 | 2,63+1 | 1,43+1 | 6,55+0 |
| 75 | 5,14+0 | 7,24+0 | 1,53+1 | 3,59+1 | 6,60+1 | 2,03+2 | 4,59+2 | 2,38+2 | 8,11+1 | 2,92+1 | 1,29+1 | 7,51+0 |
| 80 | 2,30+1 | 1,76+1 | 1,98+1 | 5,64+1 | 1,35+2 | 3,54+2 | 6,55+2 | 4,08+2 | 1,88+2 | 7,33+1 | 2,58+1 | 2,35+1 |
| 85 | 1,03+2 | 1,24+2 | 1,33+2 | 2,84+2 | 5,41+2 | 1,29+3 | 2,20+3 | 1,40+3 | 6,75+2 | 3,61+2 | 1,74+2 | 1,53+2 |
| 90 | 4,58+2 | 1,02+3 | 1,30+3 | 1,81+3 | 2,44+3 | 5,67+3 | 9,50+3 | 5,81+3 | 2,60+3 | 1,95+3 | 1,41+3 | 1,08+3 |
| 95 | 2,30+3 | 6,04+3 | 8,14+3 | 9,38+3 | 1,08+4 | 2,32+4 | 3,70+4 | 2,32+4 | 1,08+4 | 9,38+3 | 8,14+3 | 6,04+3 |
| 105 | 3,39+3 | 9,63+3 | 1,33+4 | 1,60+4 | 1,92+4 | 5,16+4 | 9,44+4 | 5,16+4 | 1,92+4 | 1,60+4 | 1,33+4 | 9,63+3 |

Таблица 114 — Июль, $\bar{W} = 100$, $\varphi = 45^\circ$ с. ш., $\lambda = 250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 111,0° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 21,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,6 | 18,0 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 2,08+0 | 3,09+0 | 2,72+0 | 1,65+0 | 1,70+0 | 1,68+0 | 1,65+0 | 1,56+0 | 1,48+0 | — |
| 50 | — | — | 6,10+0 | 8,96+0 | 7,84+0 | 4,55+0 | 4,53+0 | 4,61+0 | 4,74+0 | 4,54+0 | 4,34+0 | — |
| 53 | — | — | 1,75+1 | 2,58+1 | 2,26+1 | 1,33+1 | 1,35+1 | 1,35+1 | 1,35+1 | 1,31+1 | 1,25+1 | — |
| 55 | — | — | 4,26+1 | 6,31+1 | 5,56+1 | 3,38+1 | 3,47+1 | 3,40+1 | 3,28+1 | 3,19+1 | 3,03+1 | — |
| 57 | — | 2,31+0 | 6,17+1 | 9,23+1 | 8,20+1 | 5,21+1 | 5,50+1 | 5,25+1 | 4,85+1 | 4,67+1 | 4,39+1 | 1,99+0 |
| 59 | — | 4,15+0 | 7,74+1 | 1,17+2 | 1,05+2 | 7,10+1 | 7,77+1 | 7,16+1 | 6,26+1 | 5,93+1 | 5,51+1 | 3,57+0 |
| 61 | — | 5,82+0 | 9,65+1 | 1,48+2 | 1,35+2 | 9,81+1 | 1,12+2 | 9,90+1 | 8,06+1 | 7,50+1 | 6,86+1 | 5,02+0 |
| 63 | — | 7,47+0 | 9,08+1 | 1,42+2 | 1,32+2 | 1,05+2 | 1,26+2 | 1,06+2 | 8,02+1 | 7,20+1 | 6,46+1 | 6,45+0 |
| 65 | — | 9,70+0 | 7,63+1 | 1,21+2 | 1,16+2 | 1,02+2 | 1,30+2 | 1,05+2 | 7,33+1 | 6,22+1 | 5,43+1 | 8,37+0 |
| 66 | — | 1,01+1 | 5,73+1 | 9,49+1 | 9,60+1 | 1,02+2 | 1,45+2 | 1,07+2 | 6,52+1 | 4,94+1 | 4,09+1 | 8,77+0 |
| 69 | — | 9,71+0 | 4,34+1 | 7,80+1 | 8,82+1 | 1,38+2 | 2,41+2 | 1,49+2 | 6,77+1 | 4,22+1 | 3,13+1 | 8,49+0 |
| 71 | 1,55+0 | 9,17+0 | 3,31+1 | 6,59+1 | 8,75+1 | 2,10+2 | 4,57+2 | 2,35+2 | 7,95+1 | 3,86+1 | 2,43+1 | 8,23+0 |
| 73 | 2,82+0 | 8,93+0 | 2,58+1 | 5,63+1 | 8,97+1 | 2,73+2 | 6,44+2 | 3,16+2 | 9,81+1 | 3,84+1 | 1,99+1 | 8,49+0 |
| 75 | 5,14+0 | 9,41+0 | 2,12+1 | 5,17+1 | 1,01+2 | 3,37+2 | 7,91+2 | 3,98+2 | 1,29+2 | 4,41+1 | 1,83+1 | 9,98+0 |
| 80 | 2,30+1 | 2,46+1 | 3,00+1 | 8,88+1 | 2,21+2 | 6,44+2 | 1,27+3 | 7,43+2 | 3,10+2 | 1,18+2 | 4,01+1 | 3,32+1 |
| 85 | 1,03+2 | 1,78+2 | 2,13+2 | 4,70+2 | 9,32+2 | 2,73+3 | 5,26+3 | 2,97+3 | 1,16+3 | 5,99+2 | 2,78+2 | 2,19+2 |
| 90 | 4,58+2 | 1,46+3 | 2,09+3 | 3,04+3 | 4,28+3 | 1,29+4 | 2,51+4 | 1,32+4 | 4,57+3 | 3,26+3 | 2,26+3 | 1,55+3 |
| 95 | 2,30+3 | 8,66+3 | 1,30+4 | 1,55+4 | 1,84+4 | 4,70+4 | 8,32+4 | 4,70+4 | 1,84+4 | 1,55+4 | 1,30+4 | 8,66+3 |
| 105 | 3,39+3 | 1,38+4 | 2,13+4 | 2,57+4 | 3,11+4 | 8,64+4 | 1,61+5 | 8,64+4 | 3,11+4 | 2,57+4 | 2,13+4 | 1,38+4 |

Таблица 118 — Июнь, $V=10$, $\varphi=45^\circ$ с ш., $A=235^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 141,0° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 21,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и т. ч. | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,6 | 18,5 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 4,60+0 | 6,82+0 | 6,04+0 | 3,72+0 | 3,82+0 | 3,78+0 | 3,71+0 | 3,52+0 | 3,22+0 | — |
| 50 | — | 1,29+0 | 3,32+1 | 4,88+1 | 4,28+1 | 2,52+1 | 2,51+1 | 2,53+1 | 2,56+1 | 2,52+1 | 2,33+1 | 1,00+0 |
| 53 | — | 3,51+0 | 7,50+1 | 1,11+2 | 9,72+1 | 5,82+1 | 5,87+1 | 5,85+1 | 5,81+1 | 5,70+1 | 5,25+1 | 2,74+0 |
| 55 | — | 6,47+0 | 1,08+2 | 1,61+2 | 1,42+2 | 8,76+1 | 9,00+1 | 8,81+1 | 8,50+1 | 8,29+1 | 7,59+1 | 5,04+0 |
| 57 | — | 1,04+1 | 1,19+2 | 1,77+2 | 1,58+2 | 1,02+2 | 1,08+2 | 1,03+2 | 9,54+1 | 9,16+1 | 8,31+1 | 8,07+0 |
| 59 | — | 1,43+1 | 1,25+2 | 1,90+2 | 1,71+2 | 1,17+2 | 1,28+2 | 1,18+2 | 1,04+2 | 9,80+1 | 8,78+1 | 1,11+1 |
| 61 | 1,18+0 | 1,70+1 | 1,32+2 | 2,02+2 | 1,86+2 | 1,37+2 | 1,56+2 | 1,39+2 | 1,15+2 | 1,05+2 | 9,24+1 | 1,32+1 |
| 63 | 2,15+0 | 1,93+1 | 9,96+1 | 1,56+2 | 1,47+2 | 1,18+2 | 1,41+2 | 1,21+2 | 9,46+1 | 8,10+1 | 6,99+1 | 1,51+1 |
| 65 | 3,91+0 | 2,16+1 | 6,62+1 | 1,06+2 | 1,04+2 | 9,22+1 | 1,15+2 | 9,75+1 | 7,42+1 | 5,62+1 | 4,66+1 | 1,69+1 |
| 67 | 7,13+0 | 1,90+1 | 4,98+1 | 8,17+1 | 8,59+1 | 8,30+1 | 1,07+2 | 9,11+1 | 7,04+1 | 4,51+1 | 3,53+1 | 1,50+1 |
| 69 | 1,30+1 | 1,68+1 | 3,79+1 | 6,77+1 | 8,29+1 | 1,10+2 | 1,64+2 | 1,26+2 | 8,17+1 | 4,06+1 | 2,74+1 | 1,37+1 |
| 71 | 2,37+1 | 1,62+1 | 2,94+1 | 5,92+1 | 9,10+1 | 1,74+2 | 3,06+2 | 2,07+2 | 1,09+2 | 4,15+1 | 2,22+1 | 1,41+1 |
| 73 | 4,32+1 | 1,67+1 | 2,38+1 | 5,45+1 | 1,06+2 | 2,31+2 | 4,12+2 | 2,79+2 | 1,47+2 | 4,82+1 | 2,00+1 | 1,65+1 |
| 75 | 7,86+1 | 2,00+1 | 2,16+1 | 5,76+1 | 1,37+2 | 2,89+2 | 4,83+2 | 3,49+2 | 2,05+2 | 6,54+1 | 2,20+1 | 2,35+1 |
| 80 | 3,52+2 | 7,69+1 | 5,23+1 | 1,48+2 | 3,54+2 | 5,27+2 | 6,78+2 | 6,09+2 | 5,13+2 | 2,14+2 | 7,71+1 | 1,07+2 |
| 85 | 1,58+3 | 5,98+2 | 4,45+2 | 8,56+2 | 1,48+3 | 1,95+3 | 2,32+3 | 2,13+3 | 1,86+3 | 1,10+3 | 5,87+2 | 7,40+2 |
| 90 | 7,08+3 | 4,92+3 | 4,40+3 | 5,49+3 | 6,64+3 | 8,59+3 | 1,01+4 | 8,81+3 | 7,09+3 | 5,90+3 | 4,77+3 | 5,23+3 |
| 95 | 2,48+4 | 2,68+4 | 2,74+4 | 2,83+4 | 2,93+4 | 3,48+4 | 3,88+4 | 3,48+4 | 2,93+4 | 2,83+4 | 2,74+4 | 2,68+4 |
| 105 | 3,50+4 | 4,23+4 | 4,48+4 | 4,82+4 | 5,19+4 | 7,74+4 | 9,89+4 | 7,74+4 | 5,19+4 | 4,82+4 | 4,48+4 | 4,23+4 |

Таблица 116 — Июнь, $\bar{W} = 100$, $\phi = 45^\circ$ с. ш., $\lambda = 285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 111,6° | 95,0° | 80,0° | 85,0° | 80,0° | 50,0° | 21,7° | 50,0° | 80,0° | 85,0° | 80,0° | 85,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,6 | 18,6 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 3,25+0 | 4,82+0 | 4,29+0 | 2,64+0 | 2,70+0 | 2,73+0 | 2,76+0 | 2,49+0 | 2,28+0 | — |
| 50 | — | — | 9,44+0 | 1,39+1 | 1,23+1 | 7,21+0 | 7,15+0 | 7,43+0 | 7,92+0 | 7,18+0 | 6,62+0 | — |
| 53 | — | 1,34+0 | 2,63+1 | 3,87+1 | 3,43+1 | 2,05+1 | 2,06+1 | 2,09+1 | 2,15+1 | 2,00+1 | 1,84+1 | 1,05+0 |
| 55 | — | 2,10+0 | 6,34+1 | 9,40+1 | 8,35+1 | 5,14+1 | 5,27+1 | 5,21+1 | 5,13+1 | 4,86+1 | 4,44+1 | 1,64+0 |
| 57 | — | 5,97+0 | 9,33+1 | 1,40+2 | 1,25+2 | 8,05+1 | 8,48+1 | 8,17+1 | 7,69+1 | 7,22+1 | 6,54+1 | 4,65+0 |
| 59 | — | 1,08+1 | 1,18+2 | 1,78+2 | 1,62+2 | 1,11+2 | 1,20+2 | 1,12+2 | 1,00+2 | 9,23+1 | 8,26+1 | 8,44+0 |
| 61 | 1,18+0 | 1,53+1 | 1,44+2 | 2,21+2 | 2,04+2 | 1,50+2 | 1,71+2 | 1,53+2 | 1,28+2 | 1,15+2 | 1,01+2 | 1,19+1 |
| 63 | 2,15+0 | 1,97+1 | 1,23+2 | 1,92+2 | 1,82+2 | 1,46+2 | 1,74+2 | 1,51+2 | 1,20+2 | 1,01+2 | 8,64+1 | 1,54+1 |
| 65 | 3,91+0 | 2,44+1 | 9,02+1 | 1,44+2 | 1,43+2 | 1,26+2 | 1,57+2 | 1,34+2 | 1,04+2 | 7,69+1 | 6,35+1 | 1,92+1 |
| 67 | 7,13+0 | 2,32+1 | 6,79+1 | 1,12+2 | 1,21+2 | 1,22+2 | 1,59+2 | 1,35+2 | 1,03+2 | 6,28+1 | 4,82+1 | 1,84+1 |
| 69 | 1,30+1 | 2,13+1 | 5,18+1 | 9,39+1 | 1,19+2 | 1,68+2 | 2,57+2 | 1,94+2 | 1,23+2 | 5,75+1 | 3,75+1 | 1,75+1 |
| 71 | 2,37+1 | 2,07+1 | 4,02+1 | 8,29+1 | 1,34+2 | 2,68+2 | 4,79+2 | 3,21+2 | 1,67+2 | 6,02+1 | 3,07+1 | 1,83+1 |
| 73 | 4,31+1 | 2,16+1 | 3,29+1 | 7,81+1 | 1,62+2 | 3,70+2 | 6,75+2 | 4,49+2 | 2,31+2 | 7,24+1 | 2,83+1 | 2,28+1 |
| 75 | 7,86+1 | 2,65+1 | 3,06+1 | 8,53+1 | 2,14+2 | 4,81+2 | 8,30+2 | 5,83+2 | 3,26+2 | 1,01+2 | 3,23+1 | 3,22+1 |
| 80 | 3,52+2 | 1,03+2 | 8,08+1 | 2,30+2 | 5,79+2 | 9,59+2 | 1,31+3 | 1,11+3 | 8,40+2 | 3,44+2 | 1,21+2 | 1,51+2 |
| 85 | 1,58+3 | 8,48+2 | 7,02+2 | 1,40+3 | 2,52+3 | 4,08+3 | 5,49+3 | 4,45+3 | 3,16+3 | 1,80+3 | 9,26+2 | 1,05+3 |
| 90 | 7,08+3 | 6,98+3 | 6,96+3 | 9,08+3 | 1,15+4 | 1,91+4 | 2,60+4 | 1,96+4 | 1,23+4 | 9,76+3 | 7,53+3 | 7,42+3 |
| 95 | 2,48+4 | 3,80+4 | 4,33+4 | 4,62+4 | 4,92+4 | 6,92+4 | 8,52+4 | 6,92+4 | 4,92+4 | 4,62+4 | 4,33+4 | 3,80+4 |
| 105 | 3,50+4 | 5,99+4 | 7,08+4 | 7,67+4 | 8,30+4 | 1,28+5 | 1,66+5 | 1,28+5 | 8,30+4 | 7,67+4 | 7,08+4 | 5,99+4 |

Таблица 117 — Ионь, $\bar{V}=10$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 111,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 21 7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и т. ч. | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,6 | 18,6 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 2,78+0 | 4,13+0 | 3,63+0 | 2,20+0 | 2,26+0 | 2,21+0 | 2,13+0 | 2,08+0 | 1,98+0 | — |
| 50 | — | — | 2,00+1 | 2,95+1 | 2,57+1 | 1,48+1 | 1,48+1 | 1,49+1 | 1,50+1 | 1,48+1 | 1,43+1 | — |
| 53 | — | 1,16+0 | 4,61+1 | 6,80+1 | 5,94+1 | 3,49+1 | 3,53+1 | 3,50+1 | 3,46+1 | 3,42+1 | 3,28+1 | 1,02+0 |
| 55 | — | 2,15+0 | 6,80+1 | 1,01+2 | 8,86+1 | 5,37+1 | 5,52+1 | 5,38+1 | 5,16+1 | 5,08+1 | 4,84+1 | 1,89+0 |
| 57 | — | 3,51+0 | 7,45+1 | 1,11+2 | 9,87+1 | 6,25+1 | 6,61+1 | 6,27+1 | 5,76+1 | 5,61+1 | 5,30+1 | 3,07+0 |
| 59 | — | 4,85+0 | 7,87+1 | 1,19+2 | 1,07+2 | 7,18+1 | 7,86+1 | 7,21+1 | 6,25+1 | 6,00+1 | 5,60+1 | 4,25+0 |
| 61 | — | 5,78+0 | 8,52+1 | 1,31+2 | 1,19+2 | 8,61+1 | 9,87+1 | 8,67+1 | 7,01+1 | 6,59+1 | 6,07+1 | 5,07+0 |
| 63 | — | 6,57+0 | 7,23+1 | 1,13+2 | 1,05+2 | 8,29+1 | 1,00+2 | 8,37+1 | 6,26+1 | 5,70+1 | 5,15+1 | 5,76+0 |
| 65 | — | 7,80+0 | 5,64+1 | 8,98+1 | 8,55+1 | 7,50+1 | 9,59+1 | 7,65+1 | 5,27+1 | 4,56+1 | 4,02+1 | 6,84+0 |
| 67 | — | 7,65+0 | 4,24+1 | 6,97+1 | 6,94+1 | 7,16+1 | 1,03+2 | 7,42+1 | 4,55+1 | 3,59+1 | 3,03+1 | 6,74+0 |
| 69 | — | 7,14+0 | 3,21+1 | 5,69+1 | 6,27+1 | 9,34+1 | 1,60+2 | 9,94+1 | 4,55+1 | 3,02+1 | 2,31+1 | 6,33+0 |
| 71 | 1,12+0 | 6,72+0 | 2,44+1 | 4,77+1 | 6,07+1 | 1,39+2 | 2,98+2 | 1,53+2 | 5,12+1 | 2,70+1 | 1,78+1 | 6,07+0 |
| 73 | 2,05+0 | 6,47+0 | 1,89+1 | 4,01+1 | 5,96+1 | 1,72+2 | 4,03+2 | 1,96+2 | 6,04+1 | 2,57+1 | 1,43+1 | 6,12+0 |
| 75 | 3,73+0 | 6,66+0 | 1,53+1 | 3,56+1 | 6,38+1 | 2,03+2 | 4,74+2 | 2,37+2 | 7,63+1 | 2,80+1 | 1,27+1 | 6,90+0 |
| 80 | 1,67+1 | 1,54+1 | 1,87+1 | 5,31+1 | 1,27+2 | 3,53+2 | 6,79+2 | 4,06+2 | 1,75+2 | 6,80+1 | 2,40+1 | 2,05+1 |
| 85 | 7,50+1 | 1,08+2 | 1,22+2 | 2,62+2 | 5,04+2 | 1,28+3 | 2,27+3 | 1,39+3 | 6,28+2 | 3,33+2 | 1,59+2 | 1,33+2 |
| 90 | 3,31+2 | 8,81+2 | 1,19+3 | 1,67+3 | 2,27+3 | 5,63+3 | 9,79+3 | 5,77+3 | 2,43+3 | 1,80+3 | 1,29+3 | 9,36+2 |
| 95 | 1,87+3 | 5,37+3 | 7,44+3 | 8,67+3 | 1,01+4 | 2,31+4 | 3,82+4 | 2,31+4 | 1,01+4 | 8,67+3 | 7,44+3 | 5,37+3 |
| 105 | 2,78+3 | 8,58+3 | 1,21+4 | 1,48+4 | 1,79+4 | 5,13+4 | 9,75+4 | 5,13+4 | 1,79+4 | 1,48+4 | 1,21+4 | 8,58+3 |

Таблица 118 — Июнь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 111,6° | 95,0° | 90,0° | 85,0° | 80,0° | 50,0° | 21,7° | 50,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и z , ч | | | | | | | | | | | |
| | 0,0 | 3,7 | 4,3 | 4,8 | 5,4 | 8,3 | 12,0 | 15,6 | 18,6 | 19,2 | 19,7 | 20,2 |
| 45 | — | — | 1,98+0 | 2,93+0 | 2,58+0 | 1,56+0 | 1,61+0 | 1,59+0 | 1,55+0 | 1,48+0 | 1,41+0 | — |
| 50 | — | — | 5,81+0 | 8,54+0 | 7,46+0 | 4,31+0 | 4,30+0 | 4,37+0 | 4,49+0 | 4,31+0 | 4,14+0 | — |
| 53 | — | — | 1,68+1 | 2,48+1 | 2,17+1 | 1,28+1 | 1,29+1 | 1,29+1 | 1,29+1 | 1,25+1 | 1,20+1 | — |
| 55 | — | — | 4,10+1 | 6,08+1 | 5,35+1 | 3,24+1 | 3,33+1 | 3,25+1 | 3,15+1 | 3,07+1 | 2,92+1 | — |
| 57 | — | 2,08+0 | 5,93+1 | 8,86+1 | 7,86+1 | 4,98+1 | 5,26+1 | 5,01+1 | 4,63+1 | 4,47+1 | 4,22+1 | 1,82+0 |
| 59 | — | 3,73+0 | 7,42+1 | 1,12+2 | 1,01+2 | 6,77+1 | 7,41+1 | 6,82+1 | 5,96+1 | 5,66+1 | 5,28+1 | 3,27+0 |
| 61 | — | 5,23+0 | 9,30+1 | 1,43+2 | 1,30+2 | 9,41+1 | 1,08+2 | 9,49+1 | 7,72+1 | 7,20+1 | 6,62+1 | 4,58+0 |
| 63 | — | 6,71+0 | 8,91+1 | 1,39+2 | 1,29+2 | 1,02+2 | 1,23+2 | 1,04+2 | 7,80+1 | 7,03+1 | 6,35+1 | 5,89+0 |
| 65 | — | 8,78+0 | 7,69+1 | 1,22+2 | 1,17+2 | 1,02+2 | 1,31+2 | 1,05+2 | 7,28+1 | 6,23+1 | 5,48+1 | 7,72+0 |
| 67 | — | 9,33+0 | 5,77+1 | 9,57+1 | 9,66+1 | 1,04+2 | 1,49+2 | 1,03+2 | 6,45+1 | 4,95+1 | 4,12+1 | 8,22+0 |
| 69 | — | 9,05+0 | 4,37+1 | 7,87+1 | 8,85+1 | 1,41+2 | 2,49+2 | 1,51+2 | 6,63+1 | 4,21+1 | 3,15+1 | 8,04+0 |
| 71 | 1,12+0 | 8,53+0 | 3,33+1 | 6,63+1 | 8,70+1 | 2,13+2 | 4,72+2 | 2,37+2 | 7,66+1 | 3,82+1 | 2,44+1 | 7,75+0 |
| 73 | 2,05+0 | 8,27+0 | 2,59+1 | 5,63+1 | 8,79+1 | 2,74+2 | 6,66+2 | 3,16+2 | 9,32+1 | 3,74+1 | 1,99+1 | 7,92+0 |
| 75 | 3,73+0 | 8,64+0 | 2,11+1 | 5,11+1 | 9,74+1 | 3,38+2 | 8,17+2 | 3,96+2 | 1,21+2 | 4,22+1 | 1,80+1 | 9,14+0 |
| 80 | 1,67+1 | 2,16+1 | 2,83+1 | 8,36+1 | 2,07+2 | 6,41+2 | 1,31+3 | 7,39+2 | 2,89+2 | 1,10+2 | 3,73+1 | 2,90+1 |
| 85 | 7,50+1 | 1,54+2 | 1,95+2 | 4,35+2 | 8,70+2 | 2,71+3 | 5,44+3 | 2,95+3 | 1,09+3 | 5,54+2 | 2,55+2 | 1,90+2 |
| 90 | 3,31+2 | 1,26+3 | 1,91+3 | 2,81+3 | 4,01+3 | 1,28+4 | 2,60+4 | 1,31+4 | 4,28+3 | 3,02+3 | 2,07+3 | 1,34+3 |
| 95 | 1,87+3 | 7,71+3 | 1,19+4 | 1,44+4 | 1,73+4 | 4,69+4 | 8,63+4 | 4,69+4 | 1,73+4 | 1,44+4 | 1,19+4 | 7,71+3 |
| 105 | 2,78+3 | 1,23+4 | 1,95+4 | 2,38+4 | 2,91+4 | 8,62+4 | 1,67+5 | 8,62+4 | 2,91+4 | 2,38+4 | 1,95+4 | 1,23+4 |

Таблица 119 -- Июнь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 1,90+0 | 2,81+0 | 2,50+0 | 1,59+0 | 1,63+0 | 1,60+0 | 1,54+0 | 1,50+0 | 1,45+0 |
| 50 | — | 1,36+1 | 2,00+1 | 1,76+1 | 1,06+1 | 1,06+1 | 1,07+1 | 1,07+1 | 1,06+1 | 1,04+1 |
| 53 | — | 3,24+1 | 4,76+1 | 4,21+1 | 2,59+1 | 2,61+1 | 2,60+1 | 2,56+1 | 2,54+1 | 2,46+1 |
| 55 | — | 4,96+1 | 7,34+1 | 6,51+1 | 4,14+1 | 4,25+1 | 4,15+1 | 3,97+1 | 3,91+1 | 3,77+1 |
| 57 | — | 5,43+1 | 8,10+1 | 7,26+1 | 4,83+1 | 5,08+1 | 4,85+1 | 4,44+1 | 4,32+1 | 4,13+1 |
| 59 | — | 5,74+1 | 8,66+1 | 7,86+1 | 5,57+1 | 6,04+1 | 5,59+1 | 4,83+1 | 4,62+1 | 4,37+1 |
| 61 | — | 6,44+1 | 9,86+1 | 9,09+1 | 6,95+1 | 7,86+1 | 7,00+1 | 5,62+1 | 5,27+1 | 4,90+1 |
| 63 | — | 6,01+1 | 9,37+1 | 8,81+1 | 7,39+1 | 8,76+1 | 7,46+1 | 5,52+1 | 5,01+1 | 4,57+1 |
| 65 | — | 5,40+1 | 8,59+1 | 8,29+1 | 7,73+1 | 9,68+1 | 7,86+1 | 5,32+1 | 4,62+1 | 4,11+1 |
| 67 | — | 4,05+1 | 6,77+1 | 6,94+1 | 8,25+1 | 1,17+2 | 8,51+1 | 4,71+1 | 3,69+1 | 3,09+1 |
| 69 | — | 3,07+1 | 5,57+1 | 6,35+1 | 1,13+2 | 1,95+2 | 1,19+2 | 4,75+1 | 3,12+1 | 2,36+1 |
| 71 | — | 2,34+1 | 4,69+1 | 6,16+1 | 1,68+2 | 3,54+2 | 1,83+2 | 5,33+1 | 2,80+1 | 1,83+1 |
| 73 | 1,59+0 | 1,81+1 | 3,96+1 | 6,10+1 | 2,10+2 | 4,80+2 | 2,36+2 | 6,29+1 | 2,68+1 | 1,47+1 |
| 75 | 2,90+0 | 1,48+1 | 3,55+1 | 6,58+1 | 2,48+2 | 5,64+2 | 2,85+2 | 7,97+1 | 2,93+1 | 1,31+1 |
| 80 | 1,30+1 | 1,93+1 | 5,56+1 | 1,34+2 | 4,28+2 | 8,14+2 | 4,86+2 | 1,85+2 | 7,24+1 | 2,56+1 |
| 85 | 5,82+1 | 1,31+2 | 2,82+2 | 5,43+2 | 1,54+3 | 2,69+3 | 1,67+3 | 6,77+2 | 3,58+2 | 1,71+2 |
| 90 | 2,66+2 | 1,28+3 | 1,82+3 | 2,50+3 | 6,80+3 | 1,16+4 | 6,96+3 | 2,67+3 | 1,95+3 | 1,39+3 |
| 95 | 1,68+3 | 7,98+3 | 9,46+3 | 1,12+4 | 2,79+4 | 4,56+4 | 2,79+4 | 1,12+4 | 9,46+3 | 7,98+3 |
| 105 | 2,52+3 | 1,30+4 | 1,61+4 | 1,99+4 | 6,29+4 | 1,16+5 | 6,29+4 | 1,99+4 | 1,61+4 | 1,30+4 |

Таблица 120— Июнь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h к | | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-----|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | | 105,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | | h t, ч | | | | | | | | | |
| | | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 47 | — | 1,36+0 | 2,02+0 | 1,80+0 | 1,14+0 | 1,17+0 | 1,16+0 | 1,14+0 | 1,08+0 | 1,04+0 | |
| 50 | — | 4,09+0 | 5,99+0 | 5,30+0 | 3,20+0 | 3,19+0 | 3,25+0 | 3,35+0 | 3,20+0 | 3,11+0 | |
| 52 | — | 1,27+1 | 1,88+1 | 1,66+1 | 1,02+1 | 1,03+1 | 1,03+1 | 1,03+1 | 1,00+1 | 9,70+0 | |
| 53 | — | 3,15+1 | 4,65+1 | 4,14+1 | 2,63+1 | 2,69+1 | 2,64+1 | 2,55+1 | 2,48+1 | 2,39+1 | |
| 54 | — | 4,40+1 | 6,57+1 | 5,90+1 | 3,92+1 | 4,12+1 | 3,95+1 | 3,65+1 | 3,51+1 | 3,35+1 | |
| 55 | — | 5,43+1 | 8,20+1 | 7,46+1 | 5,28+1 | 5,72+1 | 5,32+1 | 4,63+1 | 4,38+1 | 4,13+1 | |
| 61 | — | 6,98+1 | 1,07+2 | 9,88+1 | 7,55+1 | 8,53+1 | 7,62+1 | 6,17+1 | 5,72+1 | 5,32+1 | |
| 63 | — | 7,31+1 | 1,14+2 | 1,07+2 | 9,01+1 | 1,07+2 | 9,12+1 | 6,81+1 | 6,11+1 | 5,57+1 | |
| 65 | — | 7,25+1 | 1,15+2 | 1,12+2 | 1,04+2 | 1,30+2 | 1,05+2 | 7,25+1 | 6,22+1 | 5,52+1 | |
| 67 | — | 5,44+1 | 9,18+1 | 9,52+1 | 1,18+2 | 1,70+2 | 1,22+2 | 6,60+1 | 5,02+1 | 4,16+1 | |
| 69 | — | 4,13+1 | 7,61+1 | 8,88+1 | 1,69+2 | 3,01+2 | 1,80+2 | 6,87+1 | 4,31+1 | 3,18+1 | |
| 71 | — | 3,15+1 | 6,44+1 | 8,78+1 | 2,58+2 | 5,63+2 | 2,85+2 | 7,95+1 | 3,93+1 | 2,47+1 | |
| 73 | 1,59+0 | 2,45+1 | 5,51+1 | 8,96+1 | 3,36+2 | 7,94+2 | 3,82+2 | 9,71+1 | 3,88+1 | 2,02+1 | |
| 75 | 2,90+0 | 2,02+1 | 5,07+1 | 1,00+2 | 4,14+2 | 9,75+2 | 4,79+2 | 1,27+2 | 4,42+1 | 1,85+1 | |
| 81 | 1,30+1 | 2,94+1 | 8,79+1 | 2,20+2 | 7,82+2 | 1,57+3 | 8,90+2 | 3,08+2 | 1,17+2 | 3,99+1 | |
| 83 | 5,82+1 | 2,10+2 | 4,71+2 | 9,47+2 | 3,32+3 | 6,50+3 | 3,59+3 | 1,18+3 | 6,00+2 | 2,76+2 | |
| 87 | 2,68+2 | 2,06+3 | 3,08+3 | 4,46+3 | 1,59+4 | 3,12+4 | 1,62+4 | 4,75+3 | 3,31+3 | 2,24+3 | |
| 95 | 1,68+3 | 1,29+4 | 1,58+4 | 1,93+4 | 5,79+4 | 1,04+5 | 5,79+4 | 1,93+4 | 1,58+4 | 1,29+4 | |
| 105 | 2,52+3 | 2,10+4 | 2,62+4 | 3,26+4 | 1,07+5 | 2,01+5 | 1,07+5 | 3,26+4 | 2,62+4 | 2,10+4 | |

Таблица 121 — Июль, $V=10$, $\varphi=60^\circ$ с. ш., $\lambda=215^\circ$

| | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | 0,0 | 3,0 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 2,40+0 | 3,55+0 | 3,17+0 | 2,03+0 | 2,09+0 | 2,05+0 | 1,97+0 | 1,92+0 | 1,84+0 |
| 50 | — | 1,73+1 | 2,53+1 | 2,24+1 | 1,37+1 | 1,37+1 | 1,37+1 | 1,38+1 | 1,37+1 | 1,33+1 |
| 53 | — | 4,00+1 | 5,88+1 | 5,21+1 | 3,25+1 | 3,28+1 | 3,25+1 | 3,21+1 | 3,18+1 | 3,07+1 |
| 55 | — | 5,95+1 | 8,80+1 | 7,84+1 | 5,04+1 | 5,17+1 | 5,05+1 | 4,83+1 | 4,76+1 | 4,56+1 |
| 57 | — | 6,51+1 | 9,72+1 | 8,74+1 | 5,89+1 | 6,19+1 | 5,90+1 | 5,40+1 | 5,26+1 | 5,00+1 |
| 59 | — | 6,88+1 | 1,04+2 | 9,46+1 | 6,78+1 | 7,36+1 | 6,80+1 | 5,87+1 | 5,63+1 | 5,28+1 |
| 61 | — | 7,53+1 | 1,15+2 | 1,07+2 | 8,26+1 | 9,34+1 | 8,30+1 | 6,66+1 | 6,25+1 | 5,78+1 |
| 63 | — | 6,56+1 | 1,02+2 | 9,64+1 | 8,18+1 | 9,71+1 | 8,26+1 | 6,10+1 | 5,55+1 | 5,03+1 |
| 65 | — | 5,31+1 | 8,45+1 | 8,18+1 | 7,72+1 | 9,67+1 | 7,85+1 | 5,32+1 | 4,61+1 | 4,08+1 |
| 67 | — | 3,98+1 | 6,59+1 | 6,71+1 | 7,62+1 | 1,04+2 | 7,86+1 | 4,61+1 | 3,64+1 | 3,07+1 |
| 69 | — | 3,02+1 | 5,41+1 | 6,11+1 | 1,02+2 | 1,69+2 | 1,08+2 | 4,62+1 | 3,07+1 | 2,34+1 |
| 71 | — | 2,30+1 | 4,55+1 | 5,95+1 | 1,53+2 | 3,12+2 | 1,67+2 | 5,19+1 | 2,75+1 | 1,81+1 |
| 73 | 1,75+0 | 1,78+1 | 3,83+1 | 5,88+1 | 1,92+2 | 4,23+2 | 2,16+2 | 6,10+1 | 2,61+1 | 1,45+1 |
| 75 | 3,20+0 | 1,44+1 | 3,42+1 | 6,33+1 | 2,26+2 | 4,97+2 | 2,59+2 | 7,68+1 | 2,83+1 | 1,28+1 |
| 80 | 1,43+1 | 1,81+1 | 5,24+1 | 1,27+2 | 3,85+2 | 7,14+2 | 4,38+2 | 1,75+2 | 6,78+1 | 2,38+1 |
| 85 | 6,42+1 | 1,20+2 | 2,61+2 | 5,06+2 | 1,38+3 | 2,38+3 | 1,50+3 | 6,30+2 | 3,32+2 | 1,57+2 |
| 90 | 2,84+2 | 1,18+3 | 1,67+3 | 2,30+3 | 6,09+3 | 1,03+4 | 6,23+3 | 2,45+3 | 1,79+3 | 1,27+3 |
| 95 | 1,71+3 | 7,34+3 | 8,66+3 | 1,02+4 | 2,49+4 | 4,01+4 | 2,49+4 | 1,02+4 | 8,66+3 | 7,34+3 |
| 105 | 2,56+3 | 1,20+4 | 1,48+4 | 1,82+4 | 5,61+4 | 1,02+5 | 5,61+4 | 1,82+4 | 1,48+4 | 1,20+4 |

122 — Июнь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,3 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 1,71+0 | 2,53+0 | 2,26+0 | 1,45+0 | 1,49+0 | 1,47+0 | 1,44+0 | 1,37+0 | 1,31+0 |
| 50 | — | 5,04+0 | 7,39+0 | 6,55+0 | 4,01+0 | 4,00+0 | 4,06+0 | 4,17+0 | 4,00+0 | 3,87+0 |
| 53 | — | 1,49+1 | 2,19+1 | 1,94+1 | 1,21+1 | 1,22+1 | 1,22+1 | 1,22+1 | 1,18+1 | 1,14+1 |
| 55 | — | 3,63+1 | 5,37+1 | 4,79+1 | 3,08+1 | 3,15+1 | 3,09+1 | 2,98+1 | 2,91+1 | 2,78+1 |
| 57 | — | 5,20+1 | 7,77+1 | 6,99+1 | 4,71+1 | 4,94+1 | 4,73+1 | 4,36+1 | 4,20+1 | 3,99+1 |
| 59 | — | 6,49+1 | 9,81+1 | 8,94+1 | 6,40+1 | 6,95+1 | 6,44+1 | 5,60+1 | 5,31+1 | 4,98+1 |
| 61 | — | 8,21+1 | 1,26+2 | 1,16+2 | 9,00+1 | 1,02+2 | 9,08+1 | 7,33+1 | 6,82+1 | 6,30+1 |
| 63 | — | 8,06+1 | 1,26+2 | 1,19+2 | 1,01+2 | 1,19+2 | 1,02+2 | 7,58+1 | 6,83+1 | 6,18+1 |
| 65 | — | 7,21+1 | 1,15+2 | 1,12+2 | 1,05+2 | 1,31+2 | 1,07+2 | 7,33+1 | 6,28+1 | 5,54+1 |
| 67 | — | 5,42+1 | 9,04+1 | 9,32+1 | 1,11+2 | 1,55+2 | 1,15+2 | 6,53+1 | 5,01+1 | 4,17+1 |
| 69 | — | 4,11+1 | 7,46+1 | 8,62+1 | 1,53+2 | 2,62+2 | 1,63+2 | 6,73+1 | 4,27+1 | 3,18+1 |
| 71 | — | 3,13+1 | 6,32+1 | 8,54+1 | 2,36+2 | 4,95+2 | 2,60+2 | 7,77+1 | 3,88+1 | 2,47+1 |
| 73 | 1,75+0 | 2,43+1 | 5,39+1 | 8,69+1 | 3,07+2 | 6,99+2 | 3,48+2 | 9,42+1 | 3,79+1 | 2,00+1 |
| 75 | 3,20+0 | 1,99+1 | 4,92+1 | 9,69+1 | 3,76+2 | 8,58+2 | 4,35+2 | 1,22+2 | 4,26+1 | 1,81+1 |
| 80 | 1,43+1 | 2,75+1 | 8,27+1 | 2,08+2 | 7,05+2 | 1,38+3 | 8,01+2 | 2,90+2 | 1,10+2 | 3,70+1 |
| 85 | 6,42+1 | 1,93+2 | 4,35+2 | 8,79+2 | 2,97+3 | 5,72+3 | 3,22+3 | 1,10+3 | 5,54+2 | 2,52+2 |
| 90 | 2,84+2 | 1,89+3 | 2,82+3 | 4,08+3 | 1,41+4 | 2,74+4 | 1,44+4 | 4,35+3 | 3,03+3 | 2,05+3 |
| 95 | 1,71+3 | 1,18+4 | 1,44+4 | 1,76+4 | 5,13+4 | 9,10+4 | 5,13+4 | 1,76+4 | 1,44+4 | 1,18+4 |
| 105 | 2,56+3 | 1,93+4 | 2,39+4 | 2,96+4 | 9,47+4 | 1,76+5 | 9,47+4 | 2,96+4 | 2,39+4 | 1,93+4 |

Таблица 123 -- Июнь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 4,35+0 | 6,44+0 | 5,79+0 | 3,80+0 | 3,89+0 | 3,85+0 | 3,78+0 | 3,58+0 | 3,28+0 |
| 50 | — | 3,14+1 | 4,61+1 | 4,10+1 | 2,56+1 | 2,56+1 | 2,58+1 | 2,61+1 | 2,56+1 | 2,37+1 |
| 53 | — | 7,10+1 | 1,04+2 | 9,32+1 | 5,93+1 | 5,98+1 | 5,96+1 | 5,92+1 | 5,81+1 | 5,34+1 |
| 55 | — | 1,02+2 | 1,52+2 | 1,36+2 | 8,94+1 | 9,16+1 | 8,98+1 | 8,66+1 | 8,44+1 | 7,72+1 |
| 57 | — | 1,12+2 | 1,68+2 | 1,52+2 | 1,04+2 | 1,10+2 | 1,05+2 | 9,72+1 | 9,33+1 | 8,45+1 |
| 59 | — | 1,19+2 | 1,79+2 | 1,65+2 | 1,20+2 | 1,30+2 | 1,21+2 | 1,06+2 | 9,98+1 | 8,93+1 |
| 61 | 1,24+0 | 1,25+2 | 1,91+2 | 1,79+2 | 1,41+2 | 1,59+2 | 1,43+2 | 1,17+2 | 1,07+2 | 9,39+1 |
| 63 | 2,27+0 | 9,39+1 | 1,47+2 | 1,41+2 | 1,22+2 | 1,43+2 | 1,25+2 | 9,65+1 | 8,24+1 | 7,08+1 |
| 65 | 4,13+0 | 6,22+1 | 9,95+1 | 1,00+2 | 9,51+1 | 1,16+2 | 1,00+2 | 7,56+1 | 5,70+1 | 4,71+1 |
| 67 | 7,52+0 | 4,68+1 | 7,70+1 | 8,30+1 | 8,58+1 | 1,08+2 | 9,35+1 | 7,19+1 | 4,58+1 | 3,56+1 |
| 69 | 1,37+1 | 3,57+1 | 6,41+1 | 8,11+1 | 1,15+2 | 1,66+2 | 1,31+2 | 8,38+1 | 4,14+1 | 2,77+1 |
| 71 | 2,50+1 | 2,77+1 | 5,65+1 | 9,06+1 | 1,85+2 | 3,08+2 | 2,17+2 | 1,12+2 | 4,25+1 | 2,25+1 |
| 73 | 4,55+1 | 2,25+1 | 5,28+1 | 1,07+2 | 2,46+2 | 4,15+2 | 2,93+2 | 1,52+2 | 4,96+1 | 2,03+1 |
| 75 | 8,29+1 | 2,08+1 | 5,69+1 | 1,40+2 | 3,07+2 | 4,86+2 | 3,64+2 | 2,12+2 | 6,74+1 | 2,25+1 |
| 80 | 3,72+2 | 5,31+1 | 1,52+2 | 3,65+2 | 5,46+2 | 6,82+2 | 6,23+2 | 5,27+2 | 2,21+2 | 7,93+1 |
| 85 | 1,67+3 | 4,58+2 | 8,83+2 | 1,52+3 | 2,01+3 | 2,33+3 | 2,17+3 | 1,91+3 | 1,13+3 | 6,04+2 |
| 90 | 7,47+3 | 4,53+3 | 5,65+3 | 6,83+3 | 8,83+3 | 1,01+4 | 9,03+3 | 7,28+3 | 6,07+3 | 4,91+3 |
| 95 | 2,62+4 | 2,82+4 | 2,91+4 | 3,01+4 | 3,56+4 | 3,90+4 | 3,56+4 | 3,01+4 | 2,91+4 | 2,82+4 |
| 105 | 3,69+4 | 4,61+4 | 4,97+4 | 5,35+4 | 8,02+4 | 9,95+4 | 8,02+4 | 5,35+4 | 4,97+4 | 4,61+4 |

Т а б л и ц а 124 — Июнь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 3,08+0 | 4,55+0 | 4,12+0 | 2,70+0 | 2,75+0 | 2,77+0 | 2,82+0 | 2,54+0 | 2,32+0 |
| 50 | — | 8,93+0 | 1,31+1 | 1,18+1 | 7,33+0 | 7,28+0 | 7,54+0 | 8,05+0 | 7,31+0 | 6,73+0 |
| 53 | — | 2,48+1 | 3,65+1 | 3,28+1 | 2,08+1 | 2,09+1 | 2,13+1 | 2,19+1 | 2,04+1 | 1,87+1 |
| 55 | — | 6,00+1 | 8,87+1 | 8,00+1 | 5,24+1 | 5,36+1 | 5,31+1 | 5,22+1 | 4,95+1 | 4,52+1 |
| 57 | — | 8,83+1 | 1,32+2 | 1,20+2 | 8,23+1 | 8,62+1 | 8,34+1 | 7,84+1 | 7,35+1 | 6,65+1 |
| 59 | — | 1,11+2 | 1,68+2 | 1,55+2 | 1,13+2 | 1,23+2 | 1,15+2 | 1,02+2 | 9,40+1 | 8,40+1 |
| 61 | 1,24+0 | 1,36+2 | 2,09+2 | 1,96+2 | 1,55+2 | 1,74+2 | 1,58+2 | 1,31+2 | 1,17+2 | 1,03+2 |
| 63 | 2,27+0 | 1,16+2 | 1,81+2 | 1,75+2 | 1,51+2 | 1,77+2 | 1,56+2 | 1,23+2 | 1,02+2 | 8,76+1 |
| 65 | 4,13+0 | 8,48+1 | 1,36+2 | 1,37+2 | 1,30+2 | 1,59+2 | 1,38+2 | 1,06+2 | 7,80+1 | 6,41+1 |
| 67 | 7,52+0 | 6,38+1 | 1,06+2 | 1,17+2 | 1,26+2 | 1,60+2 | 1,38+2 | 1,05+2 | 6,38+1 | 4,86+1 |
| 69 | 1,37+1 | 4,87+1 | 8,90+1 | 1,17+2 | 1,76+2 | 2,59+2 | 2,01+2 | 1,26+2 | 5,87+1 | 3,79+1 |
| 71 | 2,50+1 | 3,79+1 | 7,93+1 | 1,34+2 | 2,86+2 | 4,82+2 | 3,37+2 | 1,72+2 | 6,18+1 | 3,11+1 |
| 73 | 4,55+1 | 3,12+1 | 7,58+1 | 1,64+2 | 3,95+2 | 6,80+2 | 4,72+2 | 2,38+2 | 7,46+1 | 2,88+1 |
| 75 | 8,29+1 | 2,95+1 | 8,46+1 | 2,19+2 | 5,12+2 | 8,35+2 | 6,09+2 | 3,37+2 | 1,04+2 | 3,30+1 |
| 80 | 3,72+2 | 8,22+1 | 2,42+2 | 5,97+2 | 9,99+2 | 1,32+3 | 1,14+3 | 8,65+2 | 3,55+2 | 1,24+2 |
| 85 | 1,67+3 | 7,22+2 | 1,45+3 | 2,60+3 | 4,25+3 | 5,52+3 | 4,60+3 | 3,26+3 | 1,86+3 | 9,53+2 |
| 90 | 7,47+3 | 7,16+3 | 9,36+3 | 1,19+4 | 1,99+4 | 2,62+4 | 2,03+4 | 1,27+4 | 1,01+4 | 7,75+3 |
| 95 | 2,62+4 | 4,46+4 | 4,75+4 | 5,06+4 | 7,14+4 | 8,58+4 | 7,14+4 | 5,06+4 | 4,75+4 | 4,46+4 |
| 105 | 3,69+4 | 7,28+4 | 7,89+4 | 8,56+4 | 1,32+5 | 1,67+5 | 1,32+5 | 8,56+4 | 7,89+4 | 7,28+4 |

Таблица 125—Июнь, $\bar{W}=10$, $\varphi=26^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 9,53+0 | 1,41+1 | 1,27+1 | 8,47+0 | 8,67+0 | 8 60+0 | 8,47+0 | 7,98+0 | 6,92+0 |
| 50 | — | 6,88+1 | 1,01+2 | 9,03+1 | 5,72+1 | 5,71+1 | 5,75+1 | 5,83+1 | 5,71+1 | 5,00+1 |
| 53 | — | 1,54+2 | 2,27+2 | 2 04+2 | 1,31+2 | 1,32+2 | 1,32+2 | 1,31+2 | 1,29+2 | 1,12+2 |
| 55 | — | 2,21+2 | 3,27+2 | 2,95+2 | 1,96+2 | 2,01+2 | 1,97+2 | 1,90+2 | 1,85+2 | 1,60+2 |
| 57 | 1,67+0 | 2,42+2 | 3,61+2 | 3,29+2 | 2,29+2 | 2,40+2 | 2,31+2 | 2,14+2 | 2,04+2 | 1,76+2 |
| 59 | 3,05+0 | 2,55+2 | 3,86+2 | 3,56+2 | 2,64+2 | 2,86+2 | 2,67+2 | 2,34+2 | 2,19+2 | 1,85+2 |
| 61 | 5,55+0 | 2,67+2 | 4,09+2 | 3,85+2 | 3,08+2 | 3,46+2 | 3,12+2 | 2,57+2 | 2,33+2 | 1,94+2 |
| 63 | 1,01+1 | 1,77+2 | 2,77+2 | 2,69+2 | 2,34+2 | 2,75+2 | 2,42+2 | 1,91+2 | 1,59+2 | 1,29+2 |
| 65 | 1,84+1 | 9,98+1 | 1,60+2 | 1,65+2 | 1,57+2 | 1,90+2 | 1,69+2 | 1,36+2 | 9,45+1 | 7,29+1 |
| 67 | 3,36+1 | 7,52+1 | 1,23+2 | 1,39+2 | 1,35+2 | 1 61+2 | 1,51+2 | 1,35+2 | 7,71+1 | 5,55+1 |
| 69 | 6,12+1 | 5,75+1 | 1,04+2 | 1,41+2 | 1,81+2 | 2,39+2 | 2,10+2 | 1,66+2 | 7,24+1 | 4,37+1 |
| 71 | 1,12+2 | 4,52+1 | 9,40+1 | 1,67+2 | 2,90+2 | 4,29+2 | 3,45+2 | 2,30+2 | 7,94+1 | 3,68+1 |
| 73 | 2,03+2 | 3,80+1 | 9,32+1 | 2,11+2 | 3,91+2 | 5,75+2 | 4,70+2 | 3,22+2 | 1,00+2 | 3,58+1 |
| 75 | 3,70+2 | 3,78+1 | 1,09+2 | 2,89+2 | 4,92+2 | 6,73+2 | 5,87+2 | 4,56+2 | 1,45+2 | 4,42+1 |
| 80 | 1,66+3 | 1,22+2 | 3,38+2 | 7,86+2 | 8,70+2 | 9,22+2 | 9,93+2 | 1,14+3 | 5,02+2 | 1,86+2 |
| 85 | 7,44+3 | 1,09+3 | 2,00+3 | 3,30+3 | 3,25+3 | 3,23+3 | 3,52+3 | 4,13+3 | 2,57+3 | 1,44+3 |
| 90 | 3,34+4 | 1,08+4 | 1,27+4 | 1,46+4 | 1,43+4 | 1,41+4 | 1,46+4 | 1,56+4 | 1,37+4 | 1,17+4 |
| 95 | 1,14+5 | 6,68+4 | 6,54+4 | 6,40+4 | 5,71+4 | 5,37+4 | 5,71+4 | 6,40+4 | 6,54+4 | 6,68+4 |
| 105 | 1,60+5 | 1,09+5 | 1,11+5 | 1,14+5 | 1,28+5 | 1,37+5 | 1,28+5 | 1,14+5 | 1,11+5 | 1,09+5 |

Таблица 126 — Июнь, $\bar{W} = 100$, $\varphi = 50^\circ$ с. ш., $\lambda = 285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 6,72+0 | 9,95+0 | 9,04+0 | 5,99+0 | 6,12+0 | 6,19+0 | 6,33+0 | 5,64+0 | 4,88+0 |
| 50 | — | 1,94+1 | 2,85+1 | 2,57+1 | 1,62+1 | 1,61+1 | 1,68+1 | 1,80+1 | 1,52+1 | 1,41+1 |
| 53 | — | 5,29+1 | 7,79+1 | 7,04+1 | 4,53+1 | 4,54+1 | 4,63+1 | 4,80+1 | 4,42+1 | 3,85+1 |
| 55 | — | 1,27+2 | 1,88+2 | 1,71+2 | 1,13+2 | 1,16+2 | 1,15+2 | 1,14+2 | 1,07+2 | 9,25+1 |
| 57 | 1,67+0 | 1,89+2 | 2,82+2 | 2,58+2 | 1,80+2 | 1,88+2 | 1,82+2 | 1,72+2 | 1,60+2 | 1,37+2 |
| 59 | 3,05+0 | 2,40+2 | 3,62+2 | 3,36+2 | 2,48+2 | 2,68+2 | 2,53+2 | 2,26+2 | 2,06+2 | 1,74+2 |
| 61 | 5,55+0 | 2,92+2 | 4,48+2 | 4,23+2 | 3,38+2 | 3,79+2 | 3,45+2 | 2,89+2 | 2,55+2 | 2,12+2 |
| 63 | 1,01+1 | 2,19+2 | 3,42+2 | 3,34+2 | 2,91+2 | 3,39+2 | 3,02+2 | 2,43+2 | 1,97+2 | 1,59+2 |
| 65 | 1,84+1 | 1,35+2 | 2,16+2 | 2,26+2 | 2,14+2 | 2,57+2 | 2,32+2 | 1,92+2 | 1,29+2 | 9,86+1 |
| 67 | 3,36+1 | 1,02+2 | 1,69+2 | 1,95+2 | 1,97+2 | 2,37+2 | 2,22+2 | 1,97+2 | 1,07+2 | 7,53+1 |
| 69 | 6,12+1 | 7,80+1 | 1,44+2 | 2,04+2 | 2,77+2 | 3,75+2 | 3,25+2 | 2,49+2 | 1,03+2 | 5,96+1 |
| 71 | 1,12+2 | 3,15+1 | 1,32+2 | 2,46+2 | 4,43+2 | 6,64+2 | 5,32+2 | 3,51+2 | 1,15+2 | 5,09+1 |
| 73 | 2,03+2 | 5,26+1 | 1,34+2 | 3,21+2 | 6,23+2 | 9,35+2 | 7,52+2 | 5,00+2 | 1,50+2 | 5,09+1 |
| 75 | 3,70+2 | 5,38+1 | 1,63+2 | 4,50+2 | 8,15+2 | 1,15+3 | 9,76+2 | 7,18+2 | 2,23+2 | 6,51+1 |
| 80 | 1,66+3 | 1,87+2 | 5,34+2 | 1,27+3 | 1,59+3 | 1,80+3 | 1,82+3 | 1,85+3 | 7,96+2 | 2,88+2 |
| 85 | 7,44+3 | 1,70+3 | 3,24+3 | 5,54+3 | 6,78+3 | 7,55+3 | 7,33+3 | 6,93+3 | 4,16+3 | 2,24+3 |
| 90 | 3,34+4 | 1,67+4 | 2,07+4 | 2,50+4 | 3,14+4 | 3,54+4 | 3,21+4 | 2,66+4 | 2,23+4 | 1,81+4 |
| 95 | 1,14+5 | 1,04+5 | 1,05+5 | 1,06+5 | 1,11+5 | 1,15+5 | 1,11+5 | 1,06+5 | 1,05+5 | 1,04+5 |
| 105 | 1,60+5 | 1,69+5 | 1,74+5 | 1,79+5 | 2,08+5 | 2,25+5 | 2,08+5 | 1,79+5 | 1,74+5 | 1,69+5 |

| h, см | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 38,7° | 30,0° | 20,0° | 15,0° | 10,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,8 | 15,6 | 18,7 | 19,3 | 20,1 |
| 45 | — | 3,51+0 | 5,19+0 | 4,66+0 | 3,05+0 | 3,12+0 | 3,08+0 | 3,00+0 | 2,87+0 | 2,66+0 |
| 50 | — | 2,53+1 | 3,71+1 | 3,30+1 | 2,05+1 | 2,05+1 | 2,06+1 | 2,08+1 | 2,05+1 | 1,92+1 |
| 55 | — | 5,74+1 | 8,44+1 | 7,53+1 | 4,77+1 | 4,81+1 | 4,79+1 | 4,74+1 | 4,67+1 | 4,35+1 |
| 60 | — | 8,32+1 | 1,23+2 | 1,10+2 | 7,22+1 | 7,40+1 | 7,24+1 | 6,97+1 | 6,81+1 | 6,31+1 |
| 65 | — | 9,11+1 | 1,36+2 | 1,23+2 | 8,43+1 | 8,86+1 | 8,48+1 | 7,81+1 | 7,53+1 | 6,91+1 |
| 70 | — | 9,63+1 | 1,45+2 | 1,33+2 | 9,71+1 | 1,05+2 | 9,78+1 | 8,52+1 | 8,06+1 | 7,31+1 |
| 75 | — | 1,02+2 | 1,56+2 | 1,45+2 | 1,14+2 | 1,29+2 | 1,15+2 | 9,38+1 | 8,64+1 | 7,71+1 |
| 80 | — | 7,94+1 | 1,24+2 | 1,18+2 | 1,02+2 | 1,20+2 | 1,04+2 | 7,92+1 | 6,91+1 | 6,03+1 |
| 85 | 1,81+0 | 5,53+1 | 8,82+1 | 8,77+1 | 8,34+1 | 1,03+2 | 8,68+1 | 6,30+1 | 4,99+1 | 4,21+1 |
| 90 | 1,50+0 | 4,16+1 | 6,83+1 | 7,20+1 | 7,62+1 | 9,80+1 | 8,16+1 | 5,80+1 | 3,97+1 | 3,18+1 |
| 95 | 3,02+0 | 3,16+1 | 5,65+1 | 6,86+1 | 1,02+2 | 1,53+2 | 1,13+2 | 6,48+1 | 3,50+1 | 2,45+1 |
| 100 | 1,10+1 | 2,43+1 | 4,90+1 | 7,35+1 | 1,62+2 | 2,86+2 | 1,86+2 | 8,33+1 | 3,44+1 | 1,95+1 |
| 105 | 2,00+1 | 1,95+1 | 4,42+1 | 8,30+1 | 2,12+2 | 3,86+2 | 2,49+2 | 1,10+2 | 3,79+1 | 1,69+1 |
| 110 | 3,64+1 | 1,72+1 | 4,49+1 | 1,03+2 | 2,61+2 | 4,52+2 | 3,08+2 | 1,50+2 | 4,87+1 | 1,74+1 |
| 115 | 1,62+2 | 3,64+1 | 1,05+2 | 2,57+2 | 4,62+2 | 6,38+2 | 5,27+2 | 3,68+2 | 1,51+2 | 5,31+1 |
| 120 | 7,31+2 | 3,00+2 | 5,98+2 | 1,07+3 | 1,69+3 | 2,17+3 | 1,83+3 | 1,33+3 | 7,65+2 | 3,95+2 |
| 125 | 3,28+3 | 2,97+3 | 3,83+3 | 4,79+3 | 7,43+3 | 9,40+3 | 7,60+3 | 5,10+3 | 4,11+3 | 3,22+3 |
| 130 | 1,70+4 | 1,85+4 | 1,98+4 | 2,11+4 | 3,01+4 | 3,63+4 | 3,01+4 | 2,11+4 | 1,93+4 | 1,85+4 |
| 135 | 1,69+4 | 3,02+4 | 3,37+4 | 3,76+4 | 6,77+4 | 9,27+4 | 6,77+4 | 3,76+4 | 3,37+4 | 3,02+4 |

Таблица 128 — Июнь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=320^\circ$

| Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 106,6° | 90,0° | 85,0° | 80,0° | 50,0° | 26,7° | 50,0° | 80,0° | 85,0° | 90,0° | |
| и т. ч. | | | | | | | | | | |
| 0,0 | 3,9 | 4,5 | 5,1 | 8,3 | 12,0 | 15,6 | 18,7 | 19,3 | 26,1 | |
| 15 | — | 2,48+0 | 3,68+0 | 3,31+0 | 2,16+0 | 2,21+0 | 2,21+0 | 2,22+0 | 2,04+0 | 1,88+0 |
| 20 | — | 7,23+0 | 1,06+1 | 9,49+0 | 5,89+0 | 5,86+0 | 6,03+0 | 6,36+0 | 5,88+0 | 5,48+0 |
| 25 | — | 2,03+1 | 2,98+1 | 2,67+1 | 1,69+1 | 1,70+1 | 1,72+1 | 1,75+1 | 1,65+1 | 1,54+1 |
| 35 | — | 4,90+1 | 7,25+1 | 6,52+1 | 4,26+1 | 4,36+1 | 4,30+1 | 4,20+1 | 4,02+1 | 3,72+1 |
| 57 | — | 7,18+1 | 1,07+2 | 9,74+1 | 6,66+1 | 6,98+1 | 6,73+1 | 6,28+1 | 5,94+1 | 5,45+1 |
| 60 | — | 9,06+1 | 1,37+2 | 1,26+2 | 9,15+1 | 9,91+1 | 9,27+1 | 8,18+1 | 7,59+1 | 6,87+1 |
| 61 | — | 1,11+2 | 1,70+2 | 1,59+2 | 1,25+2 | 1,41+2 | 1,27+2 | 1,05+2 | 9,46+1 | 8,43+1 |
| 63 | — | 9,82+1 | 1,53+2 | 1,47+2 | 1,26+2 | 1,49+2 | 1,30+2 | 1,00+2 | 8,57+1 | 7,46+1 |
| 65 | 81+0 | 7,54+1 | 1,20+2 | 1,20+2 | 1,14+2 | 1,40+2 | 1,19+2 | 8,82+1 | 6,83+1 | 5,74+1 |
| 67 | 3,30+0 | 5,67+1 | 9,41+1 | 1,01+2 | 1,12+2 | 1,46+2 | 1,21+2 | 8,41+1 | 5,52+1 | 4,34+1 |
| 69 | 6,02+0 | 4,31+1 | 7,84+1 | 9,84+1 | 1,55+2 | 2,38+2 | 1,74+2 | 9,69+1 | 4,94+1 | 3,35+1 |
| 71 | 0-1 | 3,33+1 | 6,87+1 | 1,08+2 | 2,50+2 | 4,49+2 | 2,90+2 | 1,27+2 | 4,97+1 | 2,70+1 |
| 72 | 2; 1 | 2,69+1 | 6,31+1 | 1,26+2 | 3,40+2 | 6,33+2 | 4,02+2 | 1,72+2 | 5,65+1 | 2,38+1 |
| 75 | 3,64+1 | 2,42+1 | 6,63+1 | 1,62+2 | 4,36+2 | 7,78+2 | 5,16+2 | 2,39+2 | 7,51+1 | 2,54+1 |
| 80 | 1,63+2 | 5,63+1 | 1,68+2 | 4,21+2 | 8,45+2 | 1,24+3 | 9,65+2 | 6,06+2 | 2,42+2 | 8,31+1 |
| 85 | 1+2 | 4,76+2 | 9,85+2 | 1,83+3 | 3,59+3 | 5,15+3 | 3,88+3 | 2,29+3 | 1,26+3 | 6,27+2 |
| 90 | 3,28+3 | 4,71+3 | 6,38+3 | 8,36+3 | 1,68+4 | 2,45+4 | 1,72+4 | 8,92+3 | 6,85+3 | 5,10+3 |
| 95 | 1,19+4 | 2,94+4 | 3,24+4 | 3,57+4 | 6,07+4 | 8,05+4 | 6,07+4 | 3,57+4 | 3,24+4 | 2,94+4 |
| 105 | 1,69+4 | 4,79+4 | 5,38+4 | 6,04+4 | 1,12+5 | 1,57+5 | 1,12+5 | 6,04+4 | 5,38+4 | 4,79+4 |

Таблица 129 — Июнь, $\bar{W}=10$, $\Phi=55^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 2,74+0 | 4,08+0 | 3,74+0 | 2,63+0 | 2,68+0 | 2,64+0 | 2,56+0 | 2,47+0 | 2,32+0 |
| 50 | — | 1,93+1 | 2,91+1 | 2,64+1 | 1,77+1 | 1,76+1 | 1,77+1 | 1,78+1 | 1,76+1 | 1,67+1 |
| 53 | — | 4,50+1 | 6,66+1 | 6,06+1 | 4,12+1 | 4,15+1 | 4,13+1 | 4,08+1 | 4,03+1 | 3,80+1 |
| 55 | — | 6,56+1 | 9,76+1 | 8,93+1 | 6,28+1 | 6,42+1 | 6,29+1 | 6,02+1 | 5,91+1 | 5,54+1 |
| 57 | — | 7,19+1 | 1,03+2 | 9,97+1 | 7,36+1 | 7,68+1 | 7,38+1 | 6,75+1 | 6,54+1 | 6,07+1 |
| 59 | — | 7,60+1 | 1,15+2 | 1,08+2 | 8,51+1 | 9,14+1 | 8,55+1 | 7,35+1 | 6,99+1 | 6,41+1 |
| 61 | — | 8,07+1 | 1,21+2 | 1,19+2 | 1,01+2 | 1,13+2 | 1,02+2 | 8,13+1 | 7,55+1 | 6,81+1 |
| 63 | — | 6,51+1 | 1,02+2 | 9,98+1 | 9,36+1 | 1,08+2 | 9,48+1 | 7,00+1 | 6,23+1 | 5,50+1 |
| 65 | — | 4,73+1 | 7,61+1 | 7,68+1 | 8,01+1 | 9,69+1 | 8,21+1 | 5,65+1 | 4,67+1 | 4,00+1 |
| 67 | — | 3,55+1 | 5,90+1 | 6,28+1 | 7,48+1 | 9,51+1 | 7,82+1 | 5,03+1 | 3,69+1 | 3,01+1 |
| 69 | — | 2,70+1 | 4,88+1 | 5,90+1 | 1,02+2 | 1,50+2 | 1,09+2 | 5,36+1 | 3,19+1 | 2,31+1 |
| 71 | 1,63+0 | 2,07+1 | 4,20+1 | 6,14+1 | 1,62+2 | 2,80+2 | 1,79+2 | 5,55+1 | 3,00+1 | 1,81+1 |
| 73 | 3,30+0 | 1,63+1 | 3,70+1 | 6,63+1 | 2,09+2 | 3,79+2 | 2,37+2 | 8,26+1 | 3,09+1 | 1,51+1 |
| 75 | 6,69+0 | 1,39+1 | 3,58+1 | 7,88+1 | 2,52+2 | 4,45+2 | 2,69+2 | 1,09+2 | 3,69+1 | 1,44+1 |
| 80 | 3,91+1 | 2,48+1 | 7,37+1 | 1,83+2 | 4,29+2 | 6,31+2 | 4,80+2 | 2,60+2 | 1,03+2 | 3,56+1 |
| 85 | 2,61+2 | 1,94+2 | 4,04+2 | 7,51+2 | 1,54+3 | 2,13+3 | 1,65+3 | 9,36+2 | 5,16+2 | 2,55+2 |
| 90 | 1,74+3 | 1,91+3 | 2,58+3 | 3,38+3 | 6,77+3 | 9,22+3 | 6,91+3 | 3,60+3 | 2,77+3 | 2,07+3 |
| 95 | 8,39+3 | 1,19+4 | 1,33+4 | 1,49+4 | 2,78+4 | 3,58+4 | 2,73+4 | 1,49+4 | 1,33+4 | 1,19+4 |
| 105 | 1,39+4 | 1,95+4 | 2,28+4 | 2,67+4 | 6,25+4 | 9,13+4 | 6,25+4 | 2,67+4 | 2,28+4 | 1,95+4 |

Страница 130 — Июнь, $\bar{W}=100$, $\varphi=55^\circ$ с ш, $\lambda=215^\circ$

| км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 1,95+0 | 2,89+0 | 2,66+0 | 1,86+0 | 1,90+0 | 1,89+0 | 1,87+0 | 1,75+0 | 1,64+0 |
| 50 | — | 5,67+0 | 8,36+0 | 7,62+0 | 5,06+0 | 5,06+0 | 5,15+0 | 5,37+0 | 5,07+0 | 4,79+0 |
| 55 | — | 1,61+1 | 2,37+1 | 2,17+1 | 1,47+1 | 1,48+1 | 1,49+1 | 1,50+1 | 1,44+1 | 1,36+1 |
| 55 | — | 3,89+1 | 5,79+1 | 5,31+1 | 3,73+1 | 3,81+1 | 3,75+1 | 3,63+1 | 3,51+1 | 3,28+1 |
| 57 | — | 5,68+1 | 8,53+1 | 7,90+1 | 5,82+1 | 6,07+1 | 5,86+1 | 5,41+1 | 5,17+1 | 4,80+1 |
| 59 | — | 7,15+1 | 1,09+2 | 1,02+2 | 8,02+1 | 8,60+1 | 8,08+1 | 7,02+1 | 6,59+1 | 6,03+1 |
| 59 | — | 8,82+1 | 1,36+2 | 1,30+2 | 1,11+2 | 1,23+2 | 1,12+2 | 9,01+1 | 8,27+1 | 7,44+1 |
| 61 | — | 8,04+1 | 1,26+2 | 1,24+2 | 1,16+2 | 1,34+2 | 1,18+2 | 8,79+1 | 7,71+1 | 6,79+1 |
| 63 | — | 6,45+1 | 1,04+2 | 1,05+2 | 1,09+2 | 1,32+2 | 1,13+2 | 7,86+1 | 6,39+1 | 5,46+1 |
| 65 | — | 4,85+1 | 8,13+1 | 8,81+1 | 1,10+2 | 1,42+2 | 1,15+2 | 7,22+1 | 5,12+1 | 4,12+1 |
| 67 | — | 3,68+1 | 6,77+1 | 8,44+1 | 1,55+2 | 2,33+2 | 1,67+2 | 7,93+1 | 4,48+1 | 3,16+1 |
| 69 | 1,10+0 | 2,83+1 | 5,88+1 | 8,95+1 | 2,50+2 | 4,42+2 | 2,79+2 | 9,93+1 | 4,30+1 | 2,49+1 |
| 71 | 2,22+0 | 2,25+1 | 5,26+1 | 9,98+1 | 3,36+2 | 6,23+2 | 3,84+2 | 1,29+2 | 4,56+1 | 2,10+1 |
| 73 | 4,50+0 | 1,95+1 | 5,25+1 | 1,23+2 | 4,23+2 | 7,65+2 | 4,86+2 | 1,74+2 | 5,64+1 | 2,06+1 |
| 75 | 9,11+0 | 3,82+1 | 1,17+2 | 3,01+2 | 7,90+2 | 1,22+3 | 8,86+2 | 4,29+2 | 1,66+2 | 5,57+1 |
| 80 | 5,32+1 | 3,08+2 | 6,70+2 | 1,30+3 | 3,34+3 | 5,08+3 | 3,57+3 | 1,62+3 | 8,57+2 | 4,5+2 |
| 85 | 3,56+2 | 3,04+3 | 4,33+3 | 5,96+3 | 1,57+4 | 2,42+4 | 1,60+4 | 6,35+3 | 4,65+3 | 3,30+3 |
| 90 | 2,38+3 | 2,20+4 | 2,20+4 | 2,55+4 | 5,62+4 | 7,98+4 | 5,62+4 | 2,55+4 | 2,20+4 | 1,90+4 |
| 95 | 1,21+4 | 3,10+4 | 3,66+4 | 4,31+4 | 1,05+5 | 1,55+5 | 1,05+5 | 4,31+4 | 3,66+4 | 3,10+4 |
| 105 | 1,89+4 | | | | | | | | | |

Таблица 131 — Июнь, $\bar{W}=10$, $\varphi=55^\circ$, с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 9,11+0 | 1,36+1 | 1,25+1 | 8,98+0 | 9,17+0 | 9,10+0 | 8,95+0 | 8,45+0 | 7,26+0 |
| 50 | — | 6,58+1 | 9,70+1 | 8,87+1 | 6,05+1 | 6,04+1 | 6,08+1 | 6,17+1 | 6,04+1 | 5,25+1 |
| 53 | — | 1,47+2 | 2,18+2 | 2,00+2 | 1,39+2 | 1,40+2 | 1,40+2 | 1,39+2 | 1,36+2 | 1,18+2 |
| 55 | — | 2,11+2 | 3,14+2 | 2,90+2 | 2,08+2 | 2,12+2 | 2,09+2 | 2,01+2 | 1,95+2 | 1,68+2 |
| 57 | — | 2,31+2 | 3,47+2 | 3,24+2 | 2,43+2 | 2,54+2 | 2,45+2 | 2,26+2 | 2,16+2 | 1,84+2 |
| 59 | — | 2,44+2 | 3,71+2 | 3,51+2 | 2,81+2 | 3,02+2 | 2,84+2 | 2,48+2 | 2,31+2 | 1,94+2 |
| 61 | — | 2,54+2 | 3,93+2 | 3,75+2 | 3,29+2 | 3,65+2 | 3,33+2 | 2,72+2 | 2,46+2 | 2,03+2 |
| 63 | — | 1,67+2 | 2,63+2 | 2,62+2 | 2,49+2 | 2,86+2 | 2,56+2 | 2,00+2 | 1,66+2 | 1,33+2 |
| 65 | 1,99+0 | 9,25+1 | 1,50+2 | 1,60+2 | 1,65+2 | 1,95+2 | 1,76+2 | 1,41+2 | 9,73+1 | 7,42+1 |
| 67 | 4,03+0 | 6,97+1 | 1,16+2 | 1,35+2 | 1,41+2 | 1,63+2 | 1,56+2 | 1,39+2 | 7,94+1 | 5,65+1 |
| 69 | 8,17+0 | 5,34+1 | 9,80+1 | 1,39+2 | 1,91+2 | 2,42+2 | 2,18+2 | 1,72+2 | 7,49+1 | 4,45+1 |
| 71 | 1,66+1 | 4,21+1 | 9,02+1 | 1,68+2 | 3,10+2 | 4,35+2 | 3,62+2 | 2,40+2 | 8,25+1 | 3,75+1 |
| 73 | 3,35+1 | 3,69+1 | 9,12+1 | 2,16+2 | 4,18+2 | 5,82+2 | 4,91+2 | 3,36+2 | 1,04+2 | 3,67+1 |
| 75 | 6,79+1 | 3,66+1 | 1,10+2 | 2,99+2 | 5,22+2 | 6,81+2 | 6,09+2 | 4,74+2 | 1,51+2 | 4,56+1 |
| 80 | 3,97+2 | 1,25+2 | 3,51+2 | 8,13+2 | 8,91+2 | 9,30+2 | 1,00+3 | 1,18+3 | 5,22+2 | 1,93+2 |
| 85 | 2,63+3 | 1,13+3 | 2,08+3 | 3,40+3 | 3,31+3 | 3,27+3 | 3,55+3 | 4,25+3 | 2,67+3 | 1,50+3 |
| 90 | 1,74+4 | 1,12+4 | 1,32+4 | 1,51+4 | 1,46+4 | 1,43+4 | 1,48+4 | 1,61+4 | 1,42+4 | 1,21+4 |
| 95 | 8,39+4 | 6,92+4 | 6,75+4 | 6,59+4 | 5,76+4 | 5,43+4 | 5,76+4 | 6,59+4 | 6,75+4 | 3,92+4 |
| 105 | 1,30+5 | 1,13+5 | 1,15+5 | 1,18+5 | 1,32+5 | 1,38+5 | 1,32+5 | 1,18+5 | 1,15+5 | 1,13+5 |

Т а б л и ц а 132 — Июнь, $\bar{W}=100$, $\varphi=55^\circ$, с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 6,42+0 | 9,57+0 | 8,90+0 | 6,36+0 | 6,47+0 | 6,53+0 | 6,68+0 | 5,97+0 | 5,12+0 |
| 50 | — | 1,86+1 | 2,74+1 | 2,53+1 | 1,71+1 | 1,70+1 | 1,76+1 | 1,90+1 | 1,71+1 | 1,48+1 |
| 53 | — | 5,05+1 | 7,47+1 | 6,91+1 | 4,78+1 | 4,79+1 | 4,87+1 | 5,05+1 | 4,67+1 | 4,03+1 |
| 55 | — | 1,21+2 | 1,81+2 | 1,66+2 | 1,20+2 | 1,22+2 | 1,21+2 | 1,20+2 | 1,13+2 | 9,68+1 |
| 57 | — | 1,60+2 | 2,71+2 | 2,54+2 | 1,91+2 | 1,99+2 | 1,93+2 | 1,82+2 | 1,69+2 | 1,44+2 |
| 59 | — | 2,29+2 | 3,48+2 | 3,31+2 | 2,65+2 | 2,83+2 | 2,69+2 | 2,39+2 | 2,18+2 | 1,82+2 |
| 61 | — | 2,78+2 | 4,30+2 | 4,17+2 | 3,61+2 | 4,00+2 | 3,68+2 | 3,05+2 | 2,70+2 | 2,22+2 |
| 63 | 1,31+0 | 2,06+2 | 3,25+2 | 3,26+2 | 3,08+2 | 3,53+2 | 3,19+2 | 2,54+2 | 2,06+2 | 1,65+2 |
| 65 | 2,66+0 | 1,25+2 | 2,03+2 | 2,19+2 | 2,24+2 | 2,63+2 | 2,41+2 | 1,98+2 | 1,32+2 | 1,00+2 |
| 67 | 5,39+0 | 0,42+1 | 1,58+2 | 1,90+2 | 2,05+2 | 2,41+2 | 2,29+2 | 2,03+2 | 1,10+2 | 7,65+1 |
| 69 | 1,09+1 | 7,23+1 | 1,36+2 | 2,02+2 | 2,94+2 | 3,81+2 | 3,38+2 | 2,58+2 | 1,06+2 | 6,07+1 |
| 71 | 2,21+1 | 5,74+1 | 1,26+2 | 2,49+2 | 4,75+2 | 6,72+2 | 5,57+2 | 3,65+2 | 1,20+2 | 5,19+1 |
| 73 | 4,48+1 | 4,97+1 | 1,32+2 | 3,29+2 | 6,68+2 | 9,46+2 | 7,87+2 | 5,20+2 | 1,57+2 | 5,21+1 |
| 75 | 9,08+1 | 5,21+1 | 1,64+2 | 4,65+2 | 8,67+2 | 1,16+3 | 1,01+3 | 7,45+2 | 2,32+2 | 6,71+1 |
| 80 | 5,30+2 | 1,92+2 | 5,53+2 | 1,32+3 | 1,64+3 | 1,82+3 | 1,85+3 | 1,91+3 | 8,27+2 | 2,98+2 |
| 85 | 3,51+3 | 1,76+3 | 3,36+3 | 5,73+3 | 6,90+3 | 7,63+3 | 7,48+3 | 7,16+3 | 4,31+3 | 2,32+3 |
| 90 | 2,33+4 | 1,73+4 | 2,15+4 | 2,58+4 | 3,24+4 | 3,58+4 | 3,30+4 | 2,75+4 | 2,31+4 | 1,87+4 |
| 95 | 1,12+5 | 1,07+5 | 1,08+5 | 1,09+5 | 1,13+5 | 1,15+5 | 1,13+5 | 1,09+5 | 1,08+5 | 1,07+5 |
| 105 | 1,74+5 | 1,75+5 | 1,80+5 | 1,85+5 | 2,13+5 | 2,27+5 | 2,13+5 | 1,86+5 | 1,80+5 | 1,75+5 |

Таблица 133 — Июнь, $\overline{W}=10$, $\varphi=55^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101.6° | 90.0° | 85.0° | 80.0° | 50.0° | 31.7° | 50.0° | 80.0° | 85.0° | 90.0° |
| | h, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 8,24+0 | 1,23+1 | 1,14+1 | 8,26+0 | 8,43+0 | 8,35+0 | 8,17+0 | 7,76+0 | 6,22+0 |
| 50 | — | 5,96+1 | 8,79+1 | 8,07+1 | 5,56+1 | 5,55+1 | 5,58+1 | 5,65+1 | 5,56+1 | 4,50+1 |
| 53 | — | 1,33+2 | 1,97+2 | 1,81+2 | 1,27+2 | 1,28+2 | 1,28+2 | 1,27+2 | 1,24+2 | 1,00+2 |
| 55 | — | 1,89+2 | 2,81+2 | 2,61+2 | 1,89+2 | 1,93+2 | 1,90+2 | 1,83+2 | 1,78+2 | 1,43+2 |
| 57 | — | 2,07+2 | 3,11+2 | 2,91+2 | 2,22+2 | 2,31+2 | 2,23+2 | 2,05+2 | 1,97+2 | 1,56+2 |
| 59 | — | 2,19+2 | 3,33+2 | 3,16+2 | 2,56+2 | 2,75+2 | 2,58+2 | 2,24+2 | 2,11+2 | 1,65+2 |
| 61 | — | 2,18+2 | 3,37+2 | 3,26+2 | 2,86+2 | 3,18+2 | 2,90+2 | 2,35+2 | 2,14+2 | 1,65+2 |
| 53 | — | 1,37+2 | 2,15+2 | 2,15+2 | 2,07+2 | 2,38+2 | 2,12+2 | 1,65+2 | 1,38+2 | 1,03+2 |
| 65 | 1,54+0 | 7,12+1 | 1,15+2 | 1,24+2 | 1,29+2 | 1,52+2 | 1,38+2 | 1,10+2 | 7,61+1 | 5,41+1 |
| 67 | 3,12+0 | 5,37+1 | 8,90+1 | 1,04+2 | 1,08+2 | 1,25+2 | 1,20+2 | 1,08+2 | 6,19+1 | 4,13+1 |
| 69 | 6,32+0 | 4,12+1 | 7,52+1 | 1,07+2 | 1,44+2 | 1,80+2 | 1,64+2 | 1,32+2 | 5,82+1 | 3,26+1 |
| 71 | 1,28+1 | 3,25+1 | 6,95+1 | 1,30+2 | 2,41+2 | 3,38+2 | 2,82+2 | 1,86+2 | 6,42+1 | 2,76+1 |
| 73 | 2,59+1 | 2,76+1 | 7,03+1 | 1,67+2 | 3,24+2 | 4,50+2 | 3,81+2 | 2,60+2 | 8,09+1 | 2,73+1 |
| 75 | 5,25+1 | 2,81+1 | 8,45+1 | 2,31+2 | 4,03+2 | 5,26+2 | 4,71+2 | 3,67+2 | 1,17+2 | 3,43+1 |
| 80 | 3,07+2 | 9,62+1 | 2,69+2 | 6,24+2 | 6,74+2 | 7,00+2 | 7,57+2 | 9,05+2 | 4,01+2 | 1,48+2 |
| 85 | 2,02+3 | 8,61+2 | 1,59+3 | 2,60+3 | 2,55+3 | 2,53+3 | 2,74+3 | 3,25+3 | 2,04+3 | 1,14+3 |
| 90 | 1,33+4 | 8,39+3 | 9,97+3 | 1,15+4 | 1,13+4 | 1,12+4 | 1,15+4 | 1,22+4 | 1,07+4 | 9,09+3 |
| 95 | 6,39+4 | 5,19+4 | 5,07+4 | 4,96+4 | 4,40+4 | 4,17+4 | 4,40+4 | 4,96+4 | 5,07+4 | 5,19+4 |
| 95 | 9,92+4 | 8,47+4 | 8,67+4 | 8,87+4 | 1,00+5 | 1,06+5 | 1,00+5 | 8,87+4 | 8,67+4 | 8,47+4 |

Таблица 134 — Июнь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 5,81+0 | 8,65+0 | 8,07+0 | 5,83+0 | 5,94+0 | 5,97+0 | 6,03+0 | 5,48+0 | 4,38+0 |
| 50 | — | 1,67+1 | 2,47+1 | 2,29+1 | 1,57+1 | 1,56+1 | 1,60+1 | 1,71+1 | 1,56+1 | 1,26+1 |
| 53 | — | 4,50+1 | 6,67+1 | 6,18+1 | 4,32+1 | 4,34+1 | 4,40+1 | 4,53+1 | 4,23+1 | 3,40+1 |
| 55 | — | 1,08+2 | 1,61+2 | 1,50+2 | 1,08+2 | 1,10+2 | 1,10+2 | 1,07+2 | 1,02+2 | 8,16+1 |
| 57 | — | 1,61+2 | 2,43+2 | 2,28+2 | 1,73+2 | 1,80+2 | 1,75+2 | 1,64+2 | 1,54+2 | 1,22+2 |
| 59 | — | 2,05+2 | 3,12+2 | 2,97+2 | 2,41+2 | 2,58+2 | 2,44+2 | 2,15+2 | 1,98+2 | 1,55+2 |
| 61 | — | 2,39+2 | 3,69+2 | 3,58+2 | 3,14+2 | 3,48+2 | 3,19+2 | 2,63+2 | 2,35+2 | 1,80+2 |
| 63 | 1,00+0 | 1,68+2 | 2,65+2 | 2,67+2 | 2,55+2 | 2,93+2 | 2,64+2 | 2,08+2 | 1,70+2 | 1,27+2 |
| 65 | 2,03+0 | 9,51+1 | 1,54+2 | 1,67+2 | 1,73+2 | 2,03+2 | 1,86+2 | 1,52+2 | 1,02+2 | 7,23+1 |
| 67 | 4,11+0 | 7,17+1 | 1,20+2 | 1,44+2 | 1,55+2 | 1,81+2 | 1,72+2 | 1,55+2 | 8,46+1 | 5,52+1 |
| 69 | 8,33+0 | 5,51+1 | 1,03+2 | 1,54+2 | 2,23+2 | 2,88+2 | 2,56+2 | 1,97+2 | 8,16+1 | 4,39+1 |
| 71 | 1,69+1 | 4,37+1 | 9,61+1 | 1,90+2 | 3,64+2 | 5,16+2 | 4,27+2 | 2,79+2 | 9,18+1 | 3,77+1 |
| 73 | 3,42+1 | 3,77+1 | 9,99+1 | 2,51+2 | 5,12+2 | 7,26+2 | 6,03+2 | 3,96+2 | 1,19+2 | 3,62+1 |
| 75 | 6,93+1 | 3,95+1 | 1,24+2 | 3,54+2 | 6,64+2 | 8,93+2 | 7,77+2 | 5,67+2 | 1,76+2 | 4,97+1 |
| 80 | 4,05+2 | 1,45+2 | 4,17+2 | 9,97+2 | 1,24+3 | 1,38+3 | 1,40+3 | 1,45+3 | 6,24+2 | 2,24+2 |
| 85 | 2,66+3 | 1,31+3 | 2,51+3 | 4,30+3 | 5,30+3 | 5,81+3 | 5,67+3 | 5,37+3 | 3,23+3 | 1,73+3 |
| 90 | 1,75+4 | 1,28+4 | 1,59+4 | 1,91+4 | 2,42+4 | 2,69+4 | 2,47+4 | 2,04+4 | 1,71+4 | 1,38+4 |
| 95 | 8,44+4 | 7,89+4 | 7,95+4 | 8,02+4 | 8,39+4 | 8,56+4 | 8,39+4 | 8,02+4 | 7,95+4 | 7,89+4 |
| 105 | 1,31+5 | 1,29+5 | 1,32+5 | 1,36+5 | 1,59+5 | 1,70+5 | 1,59+5 | 1,36+5 | 1,32+5 | 1,29+5 |

175 — Июнь, $\bar{W}=10$, $\varphi=55^\circ$, с. ш., $\lambda=320^\circ$

| Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 101.6° | 90.0° | 85.0° | 80.0° | 50.0° | 31.7° | 50.0° | 80.0° | 85.0° | 90.0° |
| h, ч | | | | | | | | | |
| 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| — | 7,14+0 | 1,06+1 | 9,82+0 | 7,00+0 | 7,14+0 | 7,09+0 | 6,98+0 | 6,58+0 | 5,80+0 |
| — | 5,16+1 | 7,60+1 | 6,94+1 | 4,71+1 | 4,70+1 | 4,73+1 | 4,80+1 | 4,70+1 | 4,19+1 |
| — | 1,16+2 | 1,71+2 | 1,57+2 | 1,08+2 | 1,09+2 | 1,09+2 | 1,08+2 | 1,06+2 | 9,41+1 |
| — | 1,66+2 | 2,47+2 | 2,28+2 | 1,63+2 | 1,66+2 | 1,63+2 | 1,57+2 | 1,53+2 | 1,35+2 |
| — | 1,82+2 | 2,73+2 | 2,55+2 | 1,91+2 | 1,99+2 | 1,92+2 | 1,77+2 | 1,69+2 | 1,48+2 |
| — | 1,92+2 | 2,92+2 | 2,76+2 | 2,20+2 | 2,36+2 | 2,23+2 | 1,94+2 | 1,81+2 | 1,56+2 |
| — | 2,02+2 | 3,12+2 | 3,00+2 | 2,56+2 | 2,88+2 | 2,63+2 | 2,14+2 | 1,94+2 | 1,64+2 |
| — | 1,39+2 | 2,18+2 | 2,17+2 | 2,05+2 | 2,36+2 | 2,11+2 | 1,64+2 | 1,37+2 | 1,13+2 |
| — | 8,14+1 | 1,32+2 | 1,40+2 | 1,44+2 | 1,70+2 | 1,53+2 | 1,21+2 | 8,48+1 | 6,65+1 |
| — | 6,14+1 | 1,02+2 | 1,18+2 | 1,25+2 | 1,47+2 | 1,38+2 | 1,19+2 | 6,91+1 | 5,06+1 |
| — | 4,70+1 | 8,62+1 | 1,21+2 | 1,71+2 | 2,21+2 | 1,94+2 | 1,45+2 | 6,47+1 | 3,97+1 |
| — | 3,69+1 | 7,88+1 | 1,44+2 | 2,78+2 | 4,00+2 | 3,24+2 | 2,02+2 | 7,05+1 | 3,32+1 |
| — | 3,13+1 | 7,87+1 | 1,84+2 | 3,75+2 | 5,36+2 | 4,40+2 | 2,82+2 | 8,80+1 | 3,19+1 |
| — | 3,13+1 | 9,32+1 | 2,51+2 | 4,67+2 | 6,28+2 | 5,45+2 | 3,96+2 | 1,26+2 | 3,87+1 |
| — | 1,03+2 | 2,91+2 | 6,81+2 | 8,04+2 | 3,67+2 | 9,02+2 | 9,87+2 | 4,33+2 | 1,59+2 |
| — | 9,31+2 | 1,73+3 | 2,86+3 | 2,97+3 | 3,02+3 | 3,17+3 | 3,57+3 | 2,22+3 | 1,23+3 |
| — | 9,19+3 | 1,10+4 | 1,27+4 | 1,30+4 | 1,32+4 | 1,33+4 | 1,36+4 | 1,18+4 | 9,95+3 |
| — | 5,71+4 | 5,64+4 | 5,57+4 | 5,18+4 | 5,02+4 | 5,18+4 | 5,57+4 | 5,64+4 | 5,71+4 |
| — | 9,33+4 | 9,63+4 | 9,95+4 | 1,18+5 | 1,28+5 | 1,18+5 | 9,95+4 | 3,63+4 | 9,33+4 |

Таблица 136 — Июнь, $\overline{W} = 100$, $\varphi = 55^\circ$, с ш, $\lambda = 320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 5,04+0 | 7,50+0 | 6,97+0 | 4,95+0 | 5,04+0 | 5,10+0 | 5,23+0 | 4,65+0 | 4,10+0 |
| 50 | — | 1,46+1 | 2,15+1 | 1,98+1 | 1,34+1 | 1,33+1 | 1,38+1 | 1,49+1 | 1,34+1 | 1,18+1 |
| 53 | — | 3,99+1 | 5,91+1 | 5,46+1 | 3,75+1 | 3,76+1 | 3,83+1 | 3,98+1 | 3,67+1 | 3,25+1 |
| 55 | — | 9,62+1 | 1,43+2 | 1,33+2 | 9,44+1 | 9,61+1 | 9,56+1 | 9,43+1 | 8,88+1 | 7,82+1 |
| 57 | — | 1,43+2 | 2,14+2 | 2,00+2 | 1,50+2 | 1,56+2 | 1,52+2 | 1,43+2 | 1,33+2 | 1,16+2 |
| 59 | — | 1,80+2 | 2,75+2 | 2,61+2 | 2,07+2 | 2,22+2 | 2,11+2 | 1,87+2 | 1,71+2 | 1,47+2 |
| 61 | — | 2,21+2 | 3,41+2 | 3,30+2 | 2,84+2 | 3,15+2 | 2,90+2 | 2,41+2 | 2,13+2 | 1,80+2 |
| 63 | 1,03+0 | 1,71+2 | 2,70+2 | 2,70+2 | 2,55+2 | 2,92+2 | 2,63+2 | 2,10+2 | 1,70+2 | 1,39+2 |
| 65 | 2,09+0 | 1,10+2 | 1,79+2 | 1,92+2 | 1,97+2 | 2,31+2 | 2,10+2 | 1,70+2 | 1,16+2 | 9,03+1 |
| 67 | 4,23+0 | 8,32+1 | 1,40+2 | 1,66+2 | 1,84+2 | 2,18+2 | 2,04+2 | 1,74+2 | 9,61+1 | 6,88+1 |
| 69 | 8,56+0 | 6,39+1 | 1,20+2 | 1,76+2 | 2,63+2 | 3,46+2 | 3,01+2 | 2,19+2 | 9,21+1 | 5,43+1 |
| 71 | 1,73+1 | 5,05+1 | 1,11+2 | 2,14+2 | 4,28+2 | 6,21+2 | 5,01+2 | 3,09+2 | 1,03+2 | 4,60+1 |
| 73 | 3,51+1 | 4,34+1 | 1,14+2 | 2,81+2 | 6,01+2 | 8,75+2 | 7,08+2 | 4,39+2 | 1,32+2 | 4,54+1 |
| 75 | 7,12+1 | 4,48+1 | 1,40+2 | 3,94+2 | 7,80+2 | 1,08+3 | 9,11+2 | 6,27+2 | 1,95+2 | 5,71+1 |
| 80 | 4,16+2 | 1,59+2 | 4,62+2 | 1,11+3 | 1,48+3 | 1,69+3 | 1,66+3 | 1,61+3 | 6,85+2 | 2,46+2 |
| 85 | 2,76+3 | 1,45+3 | 2,81+3 | 4,84+3 | 6,30+3 | 7,08+3 | 6,74+3 | 6,05+3 | 3,60+3 | 1,92+3 |
| 90 | 1,84+4 | 1,43+4 | 1,80+4 | 2,19+4 | 2,93+4 | 3,33+4 | 2,99+4 | 2,34+4 | 1,94+4 | 1,55+4 |
| 95 | 8,86+4 | 3,92+4 | 9,10+4 | 9,28+4 | 1,03+5 | 1,08+5 | 1,03+5 | 3,28+4 | 9,10+4 | 8,92+4 |
| 105 | 1,37+5 | 1,46+5 | 1,51+5 | 1,57+5 | 1,93+5 | 2,12+5 | 1,93+5 | 1,57+5 | 1,51+5 | 1,46+5 |

Таблица 137 — Июнь $\bar{W}=10$ $\varphi=55^\circ$ с ш $\lambda=355^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 2,51+0 | 3,74+0 | 3,42+0 | 2,39+0 | 2,45+0 | 2,41+0 | 2,32+0 | 2,25+0 | 2,13+0 |
| 50 | — | 1,81+1 | 2,67+1 | 2,42+1 | 1,61+1 | 1,61+1 | 1,61+1 | 1,62+1 | 1,61+1 | 1,54+1 |
| 53 | — | 4,15+1 | 6,12+1 | 5,56+1 | 3,77+1 | 3,80+1 | 3,78+1 | 3,73+1 | 3,69+1 | 3,51+1 |
| 56 | — | 6,07+1 | 9,03+1 | 8,25+1 | 5,78+1 | 5,91+1 | 5,79+1 | 5,53+1 | 5,44+1 | 5,14+1 |
| 57 | — | 6,65+1 | 9,98+1 | 9,21+1 | 6,77+1 | 7,07+1 | 6,79+1 | 6,19+1 | 6,01+1 | 5,63+1 |
| 59 | — | 7,03+1 | 1,07+2 | 9,98+1 | 7,83+1 | 8,41+1 | 7,86+1 | 6,74+1 | 6,44+1 | 5,95+1 |
| 61 | — | 7,53+1 | 1,16+2 | 1,10+2 | 9,39+1 | 1,05+2 | 9,44+1 | 7,50+1 | 7,01+1 | 6,38+1 |
| 63 | — | 6,23+1 | 9,79+1 | 9,51+1 | 8,90+1 | 1,03+2 | 8,99+1 | 6,57+1 | 5,92+1 | 5,28+1 |
| 65 | — | 4,69+1 | 7,53+1 | 7,54+1 | 7,87+1 | 9,55+1 | 8,02+1 | 5,40+1 | 4,59+1 | 3,98+1 |
| 67 | — | 3,52+1 | 5,85+1 | 6,16+1 | 7,48+1 | 9,65+1 | 7,73+1 | 4,70+1 | 3,61+1 | 2,99+1 |
| 69 | — | 2,67+1 | 4,82+1 | 5,69+1 | 1,01+2 | 1,53+2 | 1,07+2 | 4,83+1 | 3,08+1 | 2,28+1 |
| 71 | 1,00+0 | 2,04+1 | 4,11+1 | 5,74+1 | 1,59+2 | 2,86+2 | 1,74+2 | 5,63+1 | 2,81+1 | 1,77+1 |
| 73 | 2,03+0 | 1,59+1 | 3,53+1 | 5,92+1 | 2,03+2 | 3,87+2 | 2,27+2 | 6,82+1 | 2,75+1 | 1,44+1 |
| 75 | 4,11+0 | 1,32+1 | 3,28+1 | 6,69+1 | 2,41+2 | 4,54+2 | 2,74+2 | 8,77+1 | 3,09+1 | 1,31+1 |
| 80 | 2,40+1 | 1,95+1 | 5,81+1 | 1,44+2 | 4,05+2 | 6,48+2 | 4,53+2 | 2,02+2 | 7,83+1 | 2,71+1 |
| 85 | 1,61+2 | 1,41+2 | 3,05+2 | 5,84+2 | 1,45+3 | 2,17+3 | 1,55+3 | 7,26+2 | 3,88+2 | 1,85+2 |
| 90 | 1,07+3 | 1,39+3 | 1,94+3 | 2,63+3 | 6,36+3 | 9,40+3 | 6,48+3 | 2,80+3 | 2,09+3 | 1,50+3 |
| 95 | 5,79+3 | 8,66+3 | 1,00+4 | 1,16+4 | 2,57+4 | 3,66+4 | 2,57+4 | 1,16+4 | 1,00+4 | 8,66+3 |
| 105 | 9,11+3 | 1,41+4 | 1,72+4 | 2,08+4 | 5,89+4 | 9,34+4 | 5,89+4 | 2,08+4 | 1,72+4 | 1,41+4 |

Таблица 138 — Июнь, $\bar{W} = 100$, $\varphi = 55^\circ$ с. ш., $\lambda = 355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 101,6° | 90,0° | 85,0° | 80,0° | 50,0° | 31,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 3,5 | 4,1 | 4,9 | 8,5 | 12,0 | 15,5 | 19,1 | 19,7 | 20,5 |
| 45 | — | 1,79+0 | 2,65+0 | 2,43+0 | 1,70+0 | 1,74+0 | 1,72+0 | 1,69+0 | 1,60+0 | 1,51+0 |
| 50 | — | 5,22+0 | 7,69+0 | 6,99+0 | 4,64+0 | 4,63+0 | 4,70+0 | 4,85+0 | 4,64+0 | 4,42+0 |
| 53 | — | 1,49+1 | 2,21+1 | 2,01+1 | 1,36+1 | 1,37+1 | 1,37+1 | 1,38+1 | 1,33+1 | 1,27+1 |
| 55 | — | 3,63+1 | 5,39+1 | 4,94+1 | 3,46+1 | 3,53+1 | 3,47+1 | 3,35+1 | 3,25+1 | 3,07+1 |
| 57 | — | 5,27+1 | 7,91+1 | 7,31+1 | 5,37+1 | 5,61+1 | 5,40+1 | 4,96+1 | 4,77+1 | 4,47+1 |
| 59 | — | 6,62+1 | 1,01+2 | 9,41+1 | 7,38+1 | 7,92+1 | 7,43+1 | 6,42+1 | 6,07+1 | 5,61+1 |
| 61 | — | 8,22+1 | 1,27+2 | 1,21+2 | 1,03+2 | 1,14+2 | 1,03+2 | 8,28+1 | 7,66+1 | 6,97+1 |
| 63 | — | 7,69+1 | 1,21+2 | 1,18+2 | 1,10+2 | 1,27+2 | 1,11+2 | 8,21+1 | 7,32+1 | 6,52+1 |
| 65 | — | 6,39+1 | 1,03+2 | 1,03+2 | 1,08+2 | 1,30+2 | 1,10+2 | 7,47+1 | 6,27+1 | 5,42+1 |
| 67 | — | 4,80+1 | 8,06+1 | 8,61+1 | 1,09+2 | 1,44+2 | 1,14+2 | 6,70+1 | 5,00+1 | 4,08+1 |
| 69 | — | 3,64+1 | 6,68+1 | 8,10+1 | 1,54+2 | 2,38+2 | 1,64+2 | 7,08+1 | 4,30+1 | 3,12+1 |
| 71 | 1,37+0 | 2,79+1 | 5,73+1 | 8,31+1 | 2,46+2 | 4,52+2 | 2,70+2 | 8,48+1 | 4,00+1 | 2,44+1 |
| 73 | 2,77+0 | 2,19+1 | 5,00+1 | 8,83+1 | 3,26+2 | 6,38+2 | 3,67+2 | 1,06+2 | 4,02+1 | 2,00+1 |
| 75 | 5,61+0 | 1,83+1 | 4,76+1 | 1,03+2 | 4,04+2 | 7,83+2 | 4,61+2 | 1,39+2 | 4,62+1 | 1,86+1 |
| 80 | 3,28+1 | 2,98+1 | 9,21+1 | 2,37+2 | 7,46+2 | 1,25+3 | 8,35+2 | 3,35+2 | 1,27+2 | 4,23+1 |
| 85 | 2,19+2 | 2,25+2 | 5,06+2 | 1,01+3 | 3,14+3 | 5,20+3 | 3,37+3 | 1,26+3 | 6,46+2 | 2,96+2 |
| 90 | 1,46+3 | 2,22+3 | 3,27+3 | 4,66+3 | 1,49+4 | 2,49+4 | 1,51+4 | 4,96+3 | 3,51+3 | 2,40+3 |
| 95 | 7,90+3 | 1,39+4 | 1,66+4 | 1,99+4 | 5,32+4 | 8,22+4 | 5,32+4 | 1,99+4 | 1,66+4 | 1,39+4 |
| 105 | 1,24+4 | 2,26+4 | 2,76+4 | 3,37+4 | 9,89+4 | 1,59+5 | 9,89+4 | 3,37+4 | 2,76+4 | 2,26+4 |

Таблица 139 — Июнь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 2,41+0 | 3,54+0 | 3,34+0 | 2,59+0 | 2,64+0 | 2,60+0 | 2,51+0 | 2,43+0 | 2,28+0 |
| 50 | — | 1,74+1 | 2,53+1 | 2,36+1 | 1,73+1 | 1,73+1 | 1,74+1 | 1,75+1 | 1,73+1 | 1,64+1 |
| 53 | — | 3,96+1 | 5,78+1 | 5,42+1 | 4,06+1 | 4,08+1 | 4,06+1 | 4,01+1 | 3,96+1 | 3,74+1 |
| 55 | — | 5,78+1 | 8,49+1 | 8,00+1 | 6,20+1 | 6,31+1 | 6,21+1 | 5,93+1 | 5,82+1 | 5,46+1 |
| 57 | 1,50+0 | 6,33+1 | 9,39+1 | 8,94+1 | 7,30+1 | 7,56+1 | 7,32+1 | 6,65+1 | 6,44+1 | 5,98+1 |
| 59 | 2,98+0 | 6,69+1 | 1,00+2 | 9,71+1 | 8,48+1 | 8,99+1 | 8,51+1 | 7,25+1 | 6,89+1 | 6,32+1 |
| 61 | 5,54+0 | 7,12+1 | 1,09+2 | 1,07+2 | 1,02+2 | 1,11+2 | 1,02+2 | 8,04+1 | 7,46+1 | 6,72+1 |
| 63 | 8,62+0 | 5,77+1 | 8,98+1 | 9,06+1 | 9,52+1 | 1,07+2 | 9,62+1 | 6,96+1 | 6,19+1 | 5,45+1 |
| 65 | 1,09+1 | 4,22+1 | 6,73+1 | 7,03+1 | 8,26+1 | 9,64+1 | 8,42+1 | 5,64+1 | 4,67+1 | 3,99+1 |
| 67 | 1,15+1 | 3,17+1 | 5,23+1 | 5,79+1 | 7,81+1 | 9,51+1 | 8,08+1 | 5,00+1 | 3,70+1 | 3,00+1 |
| 69 | 1,19+1 | 2,41+1 | 4,35+1 | 5,50+1 | 1,09+2 | 1,50+2 | 1,15+2 | 5,32+1 | 3,19+1 | 2,30+1 |
| 71 | 1,21+1 | 1,86+1 | 3,78+1 | 5,81+1 | 1,79+2 | 2,81+2 | 1,94+2 | 6,49+1 | 3,00+1 | 1,80+1 |
| 73 | 1,05+1 | 1,49+1 | 3,36+1 | 6,34+1 | 2,32+2 | 3,79+2 | 2,57+2 | 8,14+1 | 3,06+1 | 1,49+1 |
| 75 | 1,05+1 | 1,31+1 | 3,29+1 | 7,60+1 | 2,78+2 | 4,45+2 | 3,10+2 | 1,07+2 | 3,62+1 | 1,41+1 |
| 80 | 3,20+1 | 2,61+1 | 7,00+1 | 1,77+2 | 4,56+2 | 5,33+2 | 5,00+2 | 2,51+2 | 9,91+1 | 3,37+1 |
| 85 | 2,38+2 | 1,99+2 | 3,86+2 | 7,27+2 | 1,62+3 | 2,13+3 | 1,71+3 | 9,02+2 | 4,93+2 | 2,39+2 |
| 90 | 1,94+3 | 1,84+3 | 2,47+3 | 3,27+3 | 7,10+3 | 9,23+3 | 7,21+3 | 3,48+3 | 2,65+3 | 1,94+3 |
| 95 | 1,12+4 | 1,12+4 | 1,27+4 | 1,44+4 | 2,85+4 | 3,58+4 | 2,85+4 | 1,44+4 | 1,27+4 | 1,12+4 |
| 105 | 1,83+4 | 1,83+4 | 2,18+4 | 2,59+4 | 6,64+4 | 9,15+4 | 6,64+4 | 2,59+4 | 2,16+4 | 1,83+4 |

Таблица 140 — Июнь, $\bar{W} = 100$, $\varphi = 60^\circ$, с ш., $\lambda = 90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ для χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 30,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 30,2 | 21,2 |
| 45 | — | 1,71+0 | 2,51+0 | 2,38+0 | 1,84+0 | 1,87+0 | 1,86+0 | 1,83+0 | 1,72+0 | 1,62+0 |
| 50 | — | 4,99+0 | 7,26+0 | 6,82+0 | 4,99+0 | 4,97+0 | 5,04+0 | 5,26+0 | 4,96+0 | 4,71+0 |
| 53 | — | 1,42+1 | 2,07+1 | 1,94+1 | 1,45+1 | 1,46+1 | 1,46+1 | 1,46+1 | 1,42+1 | 1,34+1 |
| 55 | — | 3,43+1 | 5,04+1 | 4,76+1 | 3,69+1 | 3,75+1 | 3,70+1 | 3,58+1 | 3,46+1 | 3,24+1 |
| 57 | — | 5,01+1 | 7,42+1 | 7,09+1 | 5,78+1 | 5,98+1 | 5,81+1 | 5,33+1 | 5,10+1 | 4,73+1 |
| 59 | — | 6,30+1 | 9,46+1 | 9,16+1 | 7,99+1 | 8,46+1 | 8,04+1 | 6,92+1 | 6,50+1 | 5,96+1 |
| 61 | 1,33+0 | 7,78+1 | 1,19+2 | 1,17+2 | 1,11+2 | 1,21+2 | 1,12+2 | 8,90+1 | 8,16+1 | 7,34+1 |
| 63 | 4,31+0 | 7,13+1 | 1,11+2 | 1,12+2 | 1,18+2 | 1,33+2 | 1,19+2 | 8,72+1 | 7,66+1 | 6,73+1 |
| 65 | 7,77+0 | 5,75+1 | 9,18+1 | 9,63+1 | 1,13+2 | 1,32+2 | 1,15+2 | 7,83+1 | 6,39+1 | 5,44+1 |
| 67 | 1,02+1 | 4,33+1 | 7,22+1 | 8,13+1 | 1,15+2 | 1,42+2 | 1,19+2 | 7,18+1 | 5,12+1 | 4,10+1 |
| 69 | 1,23+1 | 3,30+1 | 6,04+1 | 7,88+1 | 1,67+2 | 2,33+2 | 1,77+2 | 7,67+1 | 4,49+1 | 3,15+1 |
| 71 | 1,46+1 | 2,55+1 | 5,29+1 | 6,49+1 | 2,77+2 | 4,43+2 | 3,03+2 | 9,84+1 | 4,30+1 | 2,48+1 |
| 73 | 1,43+1 | 2,05+1 | 4,79+1 | 9,57+1 | 3,75+2 | 6,24+2 | 4,17+2 | 1,27+2 | 4,52+1 | 2,06+1 |
| 75 | 1,54+1 | 1,84+1 | 4,85+1 | 1,19+2 | 4,69+2 | 7,67+2 | 5,24+2 | 1,71+2 | 5,53+1 | 2,02+1 |
| 80 | 5,03+1 | 4,04+1 | 1,10+2 | 2,93+2 | 8,49+2 | 1,22+3 | 9,31+2 | 4,16+2 | 1,60+2 | 5,27+1 |
| 85 | 3,80+2 | 3,17+2 | 6,43+2 | 1,26+3 | 3,58+3 | 5,09+3 | 3,78+3 | 1,57+3 | 8,21+2 | 3,81+2 |
| 90 | 3,10+3 | 2,94+3 | 4,15+3 | 5,81+3 | 1,69+4 | 2,43+4 | 1,72+4 | 6,18+3 | 4,46+3 | 3,10+3 |
| 95 | 1,78+4 | 1,78+4 | 2,10+4 | 2,47+4 | 5,95+4 | 8,01+4 | 5,95+4 | 2,47+4 | 2,10+4 | 1,78+4 |
| 105 | 2,91+4 | 2,91+4 | 3,50+4 | 4,19+4 | 1,12+5 | 1,56+5 | 1,12+5 | 4,19+4 | 3,50+4 | 2,91+4 |

Таблица 141 — Июнь, $\bar{W} = 10$, $\varphi = 60^\circ$ с. ш., $\lambda = 165^\circ$

| h , км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|----------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 86,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f_oF_2 , ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,8 | 19,3 | 20,2 | 21,2 |
| 45 | — | 2,22+0 | 3,25+0 | 3,06+0 | 2,36+0 | 2,41+0 | 2,37+0 | 2,28+0 | 2,22+0 | 2,10+0 |
| 50 | — | 1,60+1 | 2,32+1 | 2,16+1 | 1,58+1 | 1,58+1 | 1,58+1 | 1,59+1 | 1,58+1 | 1,51+1 |
| 53 | — | 3,66+1 | 5,33+1 | 4,98+1 | 3,72+1 | 3,74+1 | 3,72+1 | 3,67+1 | 3,63+1 | 3,46+1 |
| 55 | — | 5,37+1 | 7,87+1 | 7,40+1 | 5,72+1 | 5,82+1 | 5,73+1 | 5,46+1 | 5,37+1 | 5,08+1 |
| 57 | 1,43+0 | 5,88+1 | 8,70+1 | 8,27+1 | 5,73+1 | 6,97+1 | 6,74+1 | 6,11+1 | 5,94+1 | 5,56+1 |
| 59 | 2,86+0 | 6,22+1 | 9,31+1 | 8,98+1 | 7,82+1 | 8,29+1 | 7,85+1 | 6,66+1 | 6,36+1 | 5,88+1 |
| 61 | 5,32+0 | 6,68+1 | 1,02+2 | 9,97+1 | 9,46+1 | 1,03+2 | 9,50+1 | 7,44+1 | 6,94+1 | 6,31+1 |
| 63 | 8,33+0 | 5,55+1 | 8,62+1 | 8,66+1 | 9,09+1 | 1,03+2 | 9,16+1 | 6,56+1 | 5,90+1 | 5,25+1 |
| 65 | 1,06+1 | 4,21+1 | 6,69+1 | 6,93+1 | 8,16+1 | 9,55+1 | 8,28+1 | 5,42+1 | 4,61+1 | 3,98+1 |
| 67 | 1,12+1 | 3,16+1 | 5,21+1 | 5,69+1 | 7,88+1 | 9,71+1 | 8,09+1 | 4,72+1 | 3,63+1 | 3,00+1 |
| 69 | 1,14+1 | 2,40+1 | 4,32+1 | 5,33+1 | 1,10+2 | 1,54+2 | 1,15+2 | 4,86+1 | 3,10+1 | 2,29+1 |
| 71 | 1,17+1 | 1,84+1 | 3,71+1 | 5,45+1 | 1,78+2 | 2,88+2 | 1,91+2 | 5,67+1 | 2,84+1 | 1,77+1 |
| 73 | 1,02+1 | 1,45+1 | 3,22+1 | 5,70+1 | 2,29+2 | 3,90+2 | 2,51+2 | 6,84+1 | 2,76+1 | 1,44+1 |
| 75 | 9,65+0 | 1,23+1 | 3,02+1 | 6,51+1 | 2,72+2 | 4,58+2 | 3,01+2 | 8,73+1 | 3,08+1 | 1,29+1 |
| 80 | 2,45+1 | 2,06+1 | 5,58+1 | 1,42+2 | 4,41+2 | 6,53+2 | 4,83+2 | 1,99+2 | 7,70+1 | 2,61+1 |
| 85 | 1,76+2 | 1,47+2 | 2,96+2 | 5,75+2 | 1,56+3 | 2,19+3 | 1,65+3 | 7,13+2 | 3,77+2 | 1,77+2 |
| 90 | 1,44+3 | 1,36+3 | 1,89+3 | 2,59+3 | 6,82+3 | 9,47+3 | 6,93+3 | 2,76+3 | 2,03+3 | 1,44+3 |
| 95 | 8,27+3 | 8,27+3 | 9,73+3 | 1,14+4 | 2,74+4 | 3,66+4 | 2,74+4 | 1,14+4 | 9,73+3 | 8,27+3 |
| 105 | 1,35+4 | 1,35+4 | 1,67+4 | 2,06+4 | 6,40+4 | 9,41+4 | 6,40+4 | 2,06+4 | 1,67+4 | 1,35+4 |

Таблица 142 — Июнь, $W=100$, $\varphi=60^\circ$ с ш., $\lambda=165^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 56,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,2 | 20,2 | 21,2 |
| 45 | — | 1,58+0 | 2,31+0 | 2,18+0 | 1,68+0 | 1,71+0 | 1,70+0 | 1,66+0 | 1,58+0 | 1,49+0 |
| 50 | — | 4,61+0 | 6,69+0 | 6,26+0 | 4,57+0 | 4,56+0 | 4,61+0 | 4,77+0 | 4,57+0 | 4,36+0 |
| 53 | — | 1,32+1 | 1,93+1 | 1,81+1 | 1,35+1 | 1,35+1 | 1,35+1 | 1,36+1 | 1,31+1 | 1,25+1 |
| 55 | — | 3,22+1 | 4,71+1 | 4,44+1 | 3,43+1 | 3,49+1 | 3,44+1 | 3,31+1 | 3,21+1 | 3,04+1 |
| 57 | — | 4,67+1 | 6,90+1 | 6,57+1 | 5,34+1 | 5,53+1 | 5,36+1 | 4,90+1 | 4,71+1 | 4,41+1 |
| 59 | — | 5,86+1 | 8,77+1 | 8,47+1 | 7,37+1 | 7,81+1 | 7,41+1 | 6,34+1 | 5,99+1 | 5,54+1 |
| 61 | 1,29+0 | 7,29+1 | 1,11+2 | 1,09+2 | 1,03+2 | 1,13+2 | 1,04+2 | 8,21+1 | 7,59+1 | 6,89+1 |
| 63 | 4,20+0 | 6,85+1 | 1,06+2 | 1,07+2 | 1,12+2 | 1,26+2 | 1,13+2 | 8,19+1 | 7,29+1 | 6,43+1 |
| 65 | 7,53+0 | 5,74+1 | 9,12+1 | 9,48+1 | 1,11+2 | 1,30+2 | 1,13+2 | 7,49+1 | 6,29+1 | 5,43+1 |
| 67 | 9,87+0 | 4,31+1 | 7,18+1 | 7,97+1 | 1,16+2 | 1,45+2 | 1,19+2 | 6,73+1 | 5,03+1 | 4,09+1 |
| 69 | 1,18+1 | 3,28+1 | 5,99+1 | 7,60+1 | 1,68+2 | 2,40+2 | 1,76+2 | 7,12+1 | 4,34+1 | 3,12+1 |
| 71 | 1,40+1 | 2,52+1 | 5,18+1 | 7,92+1 | 2,77+2 | 4,55+2 | 2,98+2 | 8,53+1 | 4,03+1 | 2,43+1 |
| 73 | 1,37+1 | 2,00+1 | 4,57+1 | 8,53+1 | 3,70+2 | 6,42+2 | 4,07+2 | 1,06+2 | 4,04+1 | 1,99+1 |
| 75 | 1,39+1 | 1,73+1 | 4,41+1 | 1,01+2 | 4,57+2 | 7,89+2 | 5,08+2 | 1,39+2 | 4,66+1 | 1,84+1 |
| 80 | 3,85+1 | 3,17+1 | 8,89+1 | 2,34+2 | 8,20+2 | 1,26+3 | 8,99+2 | 3,30+2 | 1,24+2 | 4,07+1 |
| 85 | 2,82+2 | 2,35+2 | 4,94+2 | 1,00+3 | 3,45+3 | 5,24+3 | 3,64+3 | 1,24+3 | 6,30+2 | 2,83+2 |
| 90 | 2,30+3 | 2,18+3 | 3,19+3 | 4,62+3 | 1,63+4 | 2,51+4 | 1,66+4 | 4,92+3 | 3,42+3 | 2,30+3 |
| 95 | 1,32+4 | 1,32+4 | 1,62+4 | 1,97+4 | 5,76+4 | 8,29+4 | 5,76+4 | 1,97+4 | 1,62+4 | 1,32+4 |
| 105 | 2,16+4 | 2,16+4 | 2,69+4 | 3,34+4 | 1,08+5 | 1,61+5 | 1,08+5 | 3,34+4 | 2,69+4 | 2,16+4 |

Таблица 143 — Июнь, $\bar{W}=10$, $\varphi=60^\circ$, с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | | | |
| | 0 0 | 2,7 | 3,7 | 4,5 | 8 6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 5,07+0 | 7,52+0 | 7,17+0 | 5,60+0 | 5,69+0 | 5,66+0 | 5,57+0 | 5,25+0 | 4,70+0 |
| 50 | — | 3,66+1 | 5,38+1 | 5,06+1 | 3,75+1 | 3,75+1 | 3,77+1 | 3,83+1 | 3,75+1 | 3,39+1 |
| 53 | — | 8,24+1 | 1,21+2 | 1,15+2 | 8,67+1 | 8,72+1 | 8,70+1 | 8,65+1 | 8,47+1 | 7,63+1 |
| 55 | 1,11+0 | 1,18+2 | 1,76+2 | 1,67+2 | 1,31+2 | 1,33+2 | 1,31+2 | 1,26+2 | 1,23+2 | 1,10+2 |
| 57 | 2,61+0 | 1,30+2 | 1,94+2 | 1,87+2 | 1,54+2 | 1,59+2 | 1,55+2 | 1,42+2 | 1,36+2 | 1,20+2 |
| 59 | 5,18+0 | 1,37+2 | 2,08+2 | 2,03+2 | 1,79+2 | 1,89+2 | 1,80+2 | 1,56+2 | 1,45+2 | 1,27+2 |
| 61 | 9,57+0 | 1,44+2 | 2,22+2 | 2,21+2 | 2,12+2 | 2,31+2 | 2,14+2 | 1,73+2 | 1,56+2 | 1,33+2 |
| 63 | 1,47+1 | 1,02+2 | 1,61+2 | 1,66+2 | 1,75+2 | 1,96+2 | 1,79+2 | 1,36+2 | 1,14+2 | 9,50+1 |
| 65 | 1,87+1 | 6,30+1 | 1,02+2 | 1,12+2 | 1,29+2 | 1,48+2 | 1,35+2 | 1,03+2 | 7,37+1 | 5,86+1 |
| 67 | 2,00+1 | 4,76+1 | 7,93+1 | 9,51+1 | 1,14+2 | 1,31+2 | 1,22+2 | 1,00+2 | 5,99+1 | 4,45+1 |
| 69 | 2,11+1 | 3,66+1 | 6,75+1 | 9,86+1 | 1,59+2 | 1,98+2 | 1,75+2 | 1,22+2 | 5,58+1 | 3,48+1 |
| 71 | 2,15+1 | 2,92+1 | 6,23+1 | 1,19+2 | 2,65+2 | 3,63+2 | 2,99+2 | 1,69+2 | 6,01+1 | 2,89+1 |
| 73 | 1,98+1 | 2,54+1 | 6,28+1 | 1,52+2 | 3,56+2 | 4,87+2 | 4,05+2 | 2,34+2 | 7,39+1 | 2,73+1 |
| 75 | 2,56+1 | 2,68+1 | 7,51+1 | 2,08+2 | 4,38+2 | 5,71+2 | 4,96+2 | 3,28+2 | 1,04+2 | 3,22+1 |
| 80 | 1,24+2 | 9,49+1 | 2,37+2 | 5,60+2 | 7,25+2 | 7,93+2 | 7,97+2 | 8,08+2 | 3,52+2 | 1,27+2 |
| 85 | 9,81+2 | 8,16+2 | 1,40+3 | 2,35+3 | 2,63+3 | 2,74+3 | 2,78+3 | 2,92+3 | 1,80+3 | 9,83+2 |
| 90 | 7,97+3 | 7,56+3 | 8,93+3 | 1,05+4 | 1,15+4 | 1,19+4 | 1,17+4 | 1,12+4 | 9,59+3 | 7,97+3 |
| 95 | 4,58+4 | 4,58+4 | 4,58+4 | 4,58+4 | 4,57+4 | 4,57+4 | 4,57+4 | 4,58+4 | 4,58+4 | 4,58+4 |
| 105 | 7,48+4 | 7,48+4 | 7,85+4 | 8,23+4 | 1,07+5 | 1,17+5 | 1,07+5 | 8,23+4 | 7,85+4 | 7,48+4 |

Таблица 144 — Июнь, $\overline{W}=100$, $\varphi=60^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 3,58+0 | 5,31+0 | 5,09+0 | 3,97+0 | 4,02+0 | 4,06+0 | 4,16+0 | 3,71+0 | 3,32+0 |
| 50 | — | 1,04+1 | 1,52+1 | 1,45+1 | 1,07+1 | 1,06+1 | 1,09+1 | 1,19+1 | 1,07+1 | 9,61+0 |
| 53 | — | 2,85+1 | 4,21+1 | 4,01+1 | 3,02+1 | 3,02+1 | 3,06+1 | 3,19+1 | 2,95+1 | 2,65+1 |
| 55 | — | 6,88+1 | 1,02+2 | 9,76+1 | 7,61+1 | 7,73+1 | 7,69+1 | 7,58+1 | 7,14+1 | 6,38+1 |
| 57 | 1,06+0 | 1,02+2 | 1,53+2 | 1,47+2 | 1,21+2 | 1,25+2 | 1,22+2 | 1,15+2 | 1,07+2 | 9,43+1 |
| 59 | 1,52+0 | 1,29+2 | 1,95+2 | 1,92+2 | 1,68+2 | 1,78+2 | 1,70+2 | 1,51+2 | 1,37+2 | 1,19+2 |
| 61 | 2,29+0 | 1,58+2 | 2,43+2 | 2,43+2 | 2,32+2 | 2,52+2 | 2,36+2 | 1,94+2 | 1,71+2 | 1,46+2 |
| 63 | 7,28+0 | 1,27+2 | 2,00+2 | 2,07+2 | 2,17+2 | 2,42+2 | 2,23+2 | 1,74+2 | 1,41+2 | 1,17+2 |
| 65 | 1,33+1 | 8,56+1 | 1,35+2 | 1,54+2 | 1,76+2 | 2,01+2 | 1,85+2 | 1,45+2 | 1,01+2 | 7,97+1 |
| 67 | 1,80+1 | 6,47+1 | 1,09+2 | 1,35+2 | 1,63+2 | 1,95+2 | 1,81+2 | 1,47+2 | 8,35+1 | 6,06+1 |
| 69 | 2,24+1 | 4,99+1 | 9,41+1 | 1,44+2 | 2,45+2 | 3,11+2 | 2,72+2 | 1,84+2 | 7,95+1 | 4,77+1 |
| 71 | 2,68+1 | 4,01+1 | 8,80+1 | 1,77+2 | 4,10+2 | 5,65+2 | 4,64+2 | 2,59+2 | 8,78+1 | 4,00+1 |
| 73 | 2,79+1 | 3,56+1 | 9,14+1 | 2,33+2 | 5,74+2 | 7,96+2 | 6,54+2 | 3,66+2 | 1,11+2 | 3,88+1 |
| 75 | 3,86+1 | 3,88+1 | 1,13+2 | 3,28+2 | 7,36+2 | 9,79+2 | 8,34+2 | 5,21+2 | 1,62+2 | 4,76+1 |
| 80 | 1,94+2 | 1,47+2 | 3,77+2 | 9,19+2 | 1,35+3 | 1,54+3 | 1,48+3 | 1,33+3 | 5,64+2 | 1,98+2 |
| 85 | 1,54+3 | 1,28+3 | 2,30+3 | 4,02+3 | 5,72+3 | 6,45+3 | 6,05+3 | 5,00+3 | 2,95+3 | 1,54+3 |
| 90 | 1,25+4 | 1,19+4 | 1,48+4 | 1,83+4 | 2,68+4 | 3,05+4 | 2,72+4 | 1,94+4 | 1,59+4 | 1,25+4 |
| 95 | 7,19+4 | 7,19+4 | 7,44+4 | 7,71+4 | 9,31+4 | 9,93+4 | 9,31+4 | 7,71+4 | 7,44+4 | 7,19+4 |
| 105 | 1,17+5 | 1,17+5 | 1,24+5 | 1,31+5 | 1,76+5 | 1,94+5 | 1,76+5 | 1,31+5 | 1,24+5 | 1,17+5 |

Таблица 145 — Июнь, $\bar{W}=10$, $\varphi=60^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 6,54+0 | 9,87+0 | 9,48+0 | 7,54+0 | 7,67+0 | 7,61+0 | 7,43+0 | 7,07+0 | 5,59+0 |
| 50 | — | 4,73+1 | 7,06+1 | 6,70+1 | 5,06+1 | 5,06+1 | 5,08+1 | 5,14+1 | 5,06+1 | 4,04+1 |
| 53 | — | 1,05+2 | 1,58+2 | 1,51+2 | 1,16+2 | 1,17+2 | 1,16+2 | 1,15+2 | 1,13+2 | 9,01+1 |
| 55 | — | 1,50+2 | 2,26+2 | 2,17+2 | 1,73+2 | 1,76+2 | 1,73+2 | 1,66+2 | 1,62+2 | 1,22+2 |
| 57 | 2,28+0 | 1,64+2 | 2,50+2 | 2,42+2 | 2,03+2 | 2,10+2 | 2,04+2 | 1,87+2 | 1,79+2 | 1,40+2 |
| 59 | 4,53+0 | 1,73+2 | 2,67+2 | 2,63+2 | 2,36+2 | 2,50+2 | 2,36+2 | 2,04+2 | 1,92+2 | 1,43+2 |
| 61 | 8,34+0 | 1,71+2 | 2,68+2 | 2,69+2 | 2,62+2 | 2,86+2 | 2,65+2 | 2,12+2 | 1,93+2 | 1,46+2 |
| 63 | 1,27+1 | 1,07+2 | 1,71+2 | 1,78+2 | 1,91+2 | 2,14+2 | 1,95+2 | 1,48+2 | 1,24+2 | 9,15+1 |
| 65 | 1,61+1 | 5,57+1 | 9,19+1 | 1,03+2 | 1,20+2 | 1,37+2 | 1,26+2 | 9,85+1 | 6,85+1 | 4,79+1 |
| 67 | 1,72+1 | 4,21+1 | 7,10+1 | 8,70+1 | 9,97+1 | 1,12+2 | 1,08+2 | 9,61+1 | 5,56+1 | 3,65+1 |
| 69 | 1,83+1 | 3,25+1 | 6,05+1 | 9,09+1 | 1,34+2 | 1,62+2 | 1,49+2 | 1,17+2 | 5,22+1 | 2,88+1 |
| 71 | 1,74+1 | 2,61+1 | 5,69+1 | 1,13+2 | 2,32+2 | 3,07+2 | 2,63+2 | 1,66+2 | 5,76+1 | 2,44+1 |
| 73 | 1,60+1 | 2,32+1 | 5,87+1 | 1,47+2 | 3,10+2 | 4,08+2 | 3,54+2 | 2,31+2 | 7,22+1 | 2,40+1 |
| 75 | 2,30+1 | 2,53+1 | 7,22+1 | 2,04+2 | 3,81+2 | 4,77+2 | 4,32+2 | 3,24+2 | 1,04+2 | 3,00+1 |
| 80 | 1,25+2 | 9,61+1 | 2,36+2 | 5,48+2 | 6,08+2 | 6,31+2 | 6,68+2 | 7,91+2 | 3,52+2 | 1,29+2 |
| 85 | 9,86+2 | 8,20+2 | 1,39+3 | 2,28+3 | 2,29+3 | 2,30+3 | 2,42+3 | 2,84+3 | 1,78+3 | 9,88+2 |
| 90 | 7,88+3 | 7,47+3 | 8,69+3 | 1,00+4 | 1,01+4 | 1,01+4 | 1,03+4 | 1,07+4 | 9,33+3 | 7,88+3 |
| 95 | 4,50+4 | 4,50+4 | 4,41+4 | 4,33+4 | 3,91+4 | 3,77+4 | 3,91+4 | 4,33+4 | 4,41+4 | 4,50+4 |
| 105 | 7,34+4 | 7,34+4 | 7,55+4 | 7,78+4 | 9,10+4 | 9,60+4 | 9,10+4 | 7,78+4 | 7,55+4 | 7,34+4 |

Таблица 146 — Июнь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 4,61+0 | 6,95+0 | 6,71+0 | 5,32+0 | 5,40+0 | 5,42+0 | 5,47+0 | 4,99+0 | 3,94+0 |
| 50 | — | 1,33+1 | 1,98+1 | 1,90+1 | 1,42+1 | 1,42+1 | 1,45+1 | 1,55+1 | 1,42+1 | 1,13+1 |
| 53 | — | 3,57+1 | 5,35+1 | 5,13+1 | 3,93+1 | 3,94+1 | 3,98+1 | 4,10+1 | 3,84+1 | 3,05+1 |
| 55 | — | 8,56+1 | 1,29+2 | 1,24+2 | 9,88+1 | 1,00+2 | 9,96+1 | 9,74+1 | 9,27+1 | 7,31+1 |
| 57 | — | 1,28+2 | 1,95+2 | 1,90+2 | 1,59+2 | 1,64+2 | 1,60+2 | 1,49+2 | 1,40+2 | 1,09+2 |
| 59 | 1,32+0 | 1,63+2 | 2,51+2 | 2,48+2 | 2,22+2 | 2,35+2 | 2,24+2 | 1,96+2 | 1,80+2 | 1,39+2 |
| 61 | 1,96+0 | 1,87+2 | 2,94+2 | 2,96+2 | 2,88+2 | 3,13+2 | 2,92+2 | 2,37+2 | 2,11+2 | 1,60+2 |
| 63 | 6,17+0 | 1,32+2 | 2,11+2 | 2,21+2 | 2,35+2 | 2,63+2 | 2,41+2 | 1,87+2 | 1,53+2 | 1,13+2 |
| 65 | 1,14+1 | 7,42+1 | 1,23+2 | 1,39+2 | 1,60+2 | 1,82+2 | 1,69+2 | 1,36+2 | 9,18+1 | 6,38+1 |
| 67 | 1,55+1 | 5,61+1 | 9,58+1 | 1,21+2 | 1,43+2 | 1,62+2 | 1,55+2 | 1,37+2 | 7,58+1 | 4,87+1 |
| 69 | 1,95+1 | 4,35+1 | 8,30+1 | 1,31+2 | 2,09+2 | 2,58+2 | 2,34+2 | 1,74+2 | 7,31+1 | 3,87+1 |
| 71 | 2,18+1 | 3,52+1 | 7,87+1 | 1,65+2 | 3,50+2 | 4,68+2 | 3,98+2 | 2,47+2 | 8,21+1 | 3,32+1 |
| 73 | 2,25+1 | 3,18+1 | 8,36+1 | 2,20+2 | 4,91+2 | 6,57+2 | 5,61+2 | 3,51+2 | 1,06+2 | 3,35+1 |
| 75 | 3,39+1 | 3,58+1 | 1,06+2 | 3,12+2 | 6,31+2 | 8,08+2 | 7,16+2 | 5,01+2 | 1,56+2 | 4,33+1 |
| 80 | 1,89+2 | 1,44+2 | 3,65+2 | 8,76+2 | 1,14+3 | 1,24+3 | 1,25+3 | 1,27+3 | 5,47+2 | 1,94+2 |
| 85 | 1,49+3 | 1,24+3 | 2,20+3 | 3,78+3 | 4,83+3 | 5,26+3 | 5,11+3 | 4,70+3 | 2,82+3 | 1,49+3 |
| 90 | 1,19+4 | 1,13+4 | 1,38+4 | 1,68+4 | 2,21+4 | 2,43+4 | 2,25+4 | 1,79+4 | 1,49+4 | 1,19+4 |
| 95 | 6,81+4 | 6,81+4 | 6,90+4 | 6,99+4 | 7,51+4 | 7,70+4 | 7,51+4 | 6,99+4 | 6,90+4 | 6,81+4 |
| 105 | 1,11+5 | 1,11+5 | 1,15+5 | 1,10+5 | 1,44+5 | 1,53+5 | 1,44+5 | 1,19+5 | 1,15+5 | 1,11+5 |

Таблица 147 — Июнь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 3,69+0 | 5,60+0 | 5,39+0 | 4,33+0 | 4,41+0 | 4,36+0 | 4,20+0 | 4,06+0 | 2,97+0 |
| 50 | — | 2,66+1 | 4,00+1 | 3,81+1 | 2,91+1 | 2,91+1 | 2,91+1 | 2,94+1 | 2,91+1 | 2,15+1 |
| 53 | — | 5,93+1 | 8,95+1 | 8,56+1 | 6,65+1 | 6,69+1 | 6,66+1 | 6,58+1 | 6,50+1 | 4,79+1 |
| 55 | — | 8,41+1 | 1,28+2 | 1,23+2 | 9,88+1 | 1,01+2 | 9,90+1 | 9,45+1 | 9,27+1 | 3,78+1 |
| 57 | 1,06+0 | 9,21+1 | 1,41+2 | 1,37+2 | 1,16+2 | 1,20+2 | 1,17+2 | 1,06+2 | 1,03+2 | 7,43+1 |
| 59 | 2,09+0 | 9,73+1 | 1,51+2 | 1,49+2 | 1,35+2 | 1,43+2 | 1,36+2 | 1,16+2 | 1,10+2 | 7,85+1 |
| 61 | 3,85+0 | 8,99+1 | 1,42+2 | 1,43+2 | 1,41+2 | 1,53+2 | 1,42+2 | 1,12+2 | 1,03+2 | 7,26+1 |
| 63 | 5,82+0 | 5,62+1 | 9,05+1 | 9,37+1 | 1,02+2 | 1,14+2 | 1,03+2 | 7,61+1 | 6,62+1 | 4,54+1 |
| 65 | 7,37+0 | 2,92+1 | 4,83+1 | 5,29+1 | 6,32+1 | 7,30+1 | 6,55+1 | 4,76+1 | 3,59+1 | 2,36+1 |
| 67 | 7,83+0 | 2,20+1 | 3,71+1 | 4,35+1 | 5,29+1 | 6,10+1 | 5,61+1 | 4,40+1 | 2,86+1 | 1,79+1 |
| 69 | 8,24+0 | 1,69+1 | 3,11+1 | 4,32+1 | 6,96+1 | 8,71+1 | 7,59+1 | 5,05+1 | 2,56+1 | 1,40+1 |
| 71 | 7,14+0 | 1,33+1 | 2,84+1 | 5,12+1 | 1,26+2 | 1,78+2 | 1,40+2 | 6,90+1 | 2,65+1 | 1,14+1 |
| 73 | 6,13+0 | 1,12+1 | 2,73+1 | 6,24+1 | 1,65+2 | 2,35+2 | 1,86+2 | 9,27+1 | 3,05+1 | 1,06+1 |
| 75 | 8,28+0 | 1,11+1 | 3,08+1 | 8,26+1 | 2,00+2 | 2,74+2 | 2,25+2 | 1,27+2 | 4,08+1 | 1,21+1 |
| 80 | 4,32+1 | 3,42+1 | 8,73+1 | 2,11+2 | 3,09+2 | 3,52+2 | 3,39+2 | 3,03+2 | 1,29+2 | 4,51+1 |
| 85 | 3,35+2 | 2,79+2 | 5,01+2 | 8,71+2 | 1,19+3 | 1,32+3 | 1,26+3 | 1,08+3 | 6,41+2 | 3,36+2 |
| 90 | 2,65+3 | 2,51+3 | 3,10+3 | 3,80+3 | 5,26+3 | 5,88+3 | 5,35+3 | 4,04+3 | 3,33+3 | 2,65+3 |
| 95 | 1,51+4 | 1,51+4 | 1,55+4 | 1,63+4 | 2,00+4 | 2,15+4 | 2,00+4 | 1,63+4 | 1,56+4 | 1,51+4 |
| 105 | 2,46+4 | 2,46+4 | 2,68+4 | 2,92+4 | 4,66+4 | 5,47+4 | 4,66+4 | 2,92+4 | 2,68+4 | 2,46+4 |

Т а б л и ц а 148 — Июнь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_p , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 2,60+0 | 3,94+0 | 3,81+0 | 3,05+0 | 3,10+0 | 3,09+0 | 3,04+0 | 2,86+0 | 2,09+0 |
| 50 | — | 7,46+0 | 1,12+1 | 1,07+1 | 8,16+0 | 8,14+0 | 8,25+0 | 8,58+0 | 8,16+0 | 6,02+0 |
| 53 | — | 2,00+1 | 3,01+1 | 2,90+1 | 2,24+1 | 2,25+1 | 2,26+1 | 2,28+1 | 2,19+1 | 1,61+1 |
| 55 | — | 4,79+1 | 7,27+1 | 7,01+1 | 5,63+1 | 5,73+1 | 5,66+1 | 5,47+1 | 5,28+1 | 3,86+1 |
| 57 | — | 7,17+1 | 1,10+2 | 1,07+2 | 9,06+1 | 9,37+1 | 9,10+1 | 8,35+1 | 7,99+1 | 5,79+1 |
| 59 | — | 9,12+1 | 1,42+2 | 1,40+2 | 1,27+2 | 1,34+2 | 1,27+2 | 1,10+2 | 1,03+2 | 7,36+1 |
| 61 | — | 9,84+1 | 1,55+2 | 1,56+2 | 1,54+2 | 1,68+2 | 1,55+2 | 1,24+2 | 1,13+2 | 7,94+1 |
| 63 | 2,80+0 | 6,89+1 | 1,11+2 | 1,15+2 | 1,25+2 | 1,40+2 | 1,27+2 | 9,48+1 | 8,12+1 | 5,56+1 |
| 65 | 5,17+0 | 3,83+1 | 6,34+1 | 7,00+1 | 8,31+1 | 9,57+1 | 8,65+1 | 6,40+1 | 4,73+1 | 3,10+1 |
| 67 | 6,98+0 | 2,89+1 | 4,92+1 | 5,69+1 | 7,37+1 | 8,56+1 | 7,86+1 | 6,10+1 | 3,81+1 | 2,36+1 |
| 69 | 8,66+0 | 2,22+1 | 4,20+1 | 6,10+1 | 1,09+2 | 1,41+2 | 1,19+2 | 7,34+1 | 3,51+1 | 1,84+1 |
| 71 | 8,80+0 | 1,75+1 | 3,84+1 | 7,25+1 | 1,86+2 | 2,67+2 | 2,08+2 | 1,00+2 | 3,67+1 | 1,52+1 |
| 73 | 8,43+0 | 1,50+1 | 3,79+1 | 3,11+1 | 2,57+2 | 3,74+2 | 2,91+2 | 1,38+2 | 4,35+1 | 1,44+1 |
| 75 | 1,19+1 | 1,53+1 | 4,40+1 | 1,24+2 | 3,27+2 | 4,61+2 | 3,70+2 | 1,93+2 | 5,98+1 | 1,69+1 |
| 80 | 6,39+1 | 5,01+1 | 1,33+2 | 3,32+2 | 5,77+2 | 6,98+2 | 6,34+2 | 4,78+2 | 1,97+2 | 6,64+1 |
| 85 | 4,97+2 | 4,14+2 | 7,77+2 | 1,41+3 | 2,46+3 | 2,97+3 | 2,60+3 | 1,76+3 | 9,94+2 | 4,98+2 |
| 90 | 3,93+3 | 3,72+3 | 4,83+3 | 6,20+3 | 1,11+4 | 1,30+4 | 1,13+4 | 6,60+3 | 5,18+3 | 3,93+3 |
| 95 | 2,23+4 | 2,23+4 | 2,39+4 | 2,56+4 | 3,73+4 | 4,24+4 | 3,73+4 | 2,55+4 | 2,39+4 | 2,23+4 |
| 105 | 3,64+4 | 3,64+4 | 4,00+4 | 4,38+4 | 7,19+4 | 8,51+4 | 7,19+4 | 4,38+4 | 4,00+4 | 3,64+4 |

Таблица 149 — Июнь, $\bar{V}=10$, $\varphi=60^\circ$ с ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 8,20+0 | 1,23+1 | 1,18+1 | 9,36+0 | 9,51+0 | 9,45+0 | 9,25+0 | 8,77+0 | 7,19+0 |
| 50 | — | 5,92+1 | 8,81+1 | 8,35+1 | 6,27+1 | 6,27+1 | 6,30+1 | 6,39+1 | 6,27+1 | 5,20+1 |
| 53 | — | 1,32+2 | 1,98+2 | 1,88+2 | 1,44+2 | 1,45+2 | 1,44+2 | 1,43+2 | 1,41+2 | 1,16+2 |
| 55 | 1,35+0 | 1,88+2 | 2,83+2 | 2,71+2 | 2,15+2 | 2,19+2 | 2,16+2 | 2,07+2 | 2,02+2 | 1,65+2 |
| 57 | 3,18+0 | 2,06+2 | 3,13+2 | 3,03+2 | 2,53+2 | 2,62+2 | 2,54+2 | 2,33+2 | 2,23+2 | 1,81+2 |
| 59 | 6,31+0 | 2,18+2 | 3,35+2 | 3,29+2 | 2,94+2 | 3,11+2 | 2,96+2 | 2,55+2 | 2,39+2 | 1,91+2 |
| 61 | 1,16+1 | 2,21+2 | 3,46+2 | 3,47+2 | 3,37+2 | 3,66+2 | 3,40+2 | 2,73+2 | 2,47+2 | 1,94+2 |
| 63 | 1,77+1 | 1,40+2 | 2,23+2 | 2,32+2 | 2,46+2 | 2,76+2 | 2,52+2 | 1,93+2 | 1,61+2 | 1,23+2 |
| 65 | 2,25+1 | 7,35+1 | 1,21+2 | 1,36+2 | 1,56+2 | 1,78+2 | 1,65+2 | 1,30+2 | 8,96+1 | 6,49+1 |
| 67 | 2,40+1 | 5,56+1 | 9,35+1 | 1,15+2 | 1,31+2 | 1,46+2 | 1,42+2 | 1,28+2 | 7,30+1 | 4,94+1 |
| 69 | 2,56+1 | 4,30+1 | 7,99+1 | 1,21+2 | 1,77+2 | 2,13+2 | 1,97+2 | 1,58+2 | 6,91+1 | 3,91+1 |
| 71 | 2,49+1 | 3,46+1 | 7,52+1 | 1,51+2 | 2,90+2 | 3,90+2 | 3,39+2 | 2,24+2 | 7,68+1 | 3,31+1 |
| 73 | 2,27+1 | 3,09+1 | 7,83+1 | 1,98+2 | 4,01+2 | 5,21+2 | 4,58+2 | 3,13+2 | 9,74+1 | 3,28+1 |
| 75 | 3,22+1 | 3,41+1 | 9,74+1 | 2,76+2 | 4,94+2 | 6,08+2 | 5,60+2 | 4,40+2 | 1,41+2 | 4,13+1 |
| 80 | 1,74+2 | 1,33+2 | 3,23+2 | 7,47+2 | 7,97+2 | 8,17+2 | 8,76+2 | 1,08+3 | 4,84+2 | 1,79+2 |
| 85 | 1,37+3 | 1,14+3 | 1,92+3 | 3,12+3 | 2,97+3 | 2,93+3 | 3,14+3 | 3,88+3 | 2,45+3 | 1,38+3 |
| 90 | 1,10+4 | 1,05+4 | 1,20+4 | 1,38+4 | 1,31+4 | 1,29+4 | 1,33+4 | 1,46+4 | 1,29+4 | 1,10+4 |
| 95 | 6,31+4 | 6,31+4 | 6,13+4 | 5,96+4 | 5,10+4 | 4,83+4 | 5,10+4 | 5,96+4 | 6,13+4 | 6,31+4 |
| 105 | 1,03+5 | 1,03+5 | 1,05+5 | 1,07+5 | 1,19+5 | 1,23+5 | 1,19+5 | 1,07+5 | 1,05+5 | 1,03+5 |

Таблица 150 — Июнь, $\overline{W}=100$, $\varphi=60^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 5,78+0 | 8,68+0 | 8,37+0 | 6,61+0 | 6,70+0 | 6,74+0 | 6,85+0 | 6,19+0 | 5,07+0 |
| 50 | — | 1,66+1 | 2,46+1 | 2,37+1 | 1,77+1 | 1,76+1 | 1,81+1 | 1,94+1 | 1,77+1 | 1,46+1 |
| 53 | — | 4,50+1 | 6,72+1 | 6,44+1 | 4,91+1 | 4,92+1 | 4,98+1 | 5,15+1 | 4,79+1 | 3,95+1 |
| 55 | — | 1,08+2 | 1,62+2 | 1,56+2 | 1,23+2 | 1,25+2 | 1,24+2 | 1,22+2 | 1,16+2 | 9,47+1 |
| 57 | 1,30+0 | 1,61+2 | 2,44+2 | 2,37+2 | 1,98+2 | 2,04+2 | 1,99+2 | 1,86+2 | 1,74+2 | 1,41+2 |
| 59 | 1,85+0 | 2,04+2 | 3,15+2 | 3,10+2 | 2,76+2 | 2,92+2 | 2,79+2 | 2,45+2 | 2,25+2 | 1,79+2 |
| 61 | 2,74+0 | 2,42+2 | 3,79+2 | 3,82+2 | 3,69+2 | 4,01+2 | 3,74+2 | 3,05+2 | 2,71+2 | 2,13+2 |
| 63 | 8,65+0 | 1,72+2 | 2,75+2 | 2,88+2 | 3,05+2 | 3,40+2 | 3,13+2 | 2,45+2 | 1,99+2 | 1,51+2 |
| 65 | 1,59+1 | 9,86+1 | 1,62+2 | 1,84+2 | 2,10+2 | 2,39+2 | 2,23+2 | 1,82+2 | 1,21+2 | 8,70+1 |
| 67 | 2,17+1 | 7,46+1 | 1,27+2 | 1,61+2 | 1,89+2 | 2,13+2 | 2,06+2 | 1,85+2 | 1,00+2 | 6,65+1 |
| 69 | 2,73+1 | 5,78+1 | 1,10+2 | 1,76+2 | 2,75+2 | 3,38+2 | 3,09+2 | 2,37+2 | 9,75+1 | 5,28+1 |
| 71 | 3,12+1 | 4,69+1 | 1,05+2 | 2,22+2 | 4,54+2 | 5,98+2 | 5,17+2 | 3,36+2 | 1,11+2 | 4,54+1 |
| 73 | 3,21+1 | 4,28+1 | 1,13+2 | 2,99+2 | 6,39+2 | 8,41+2 | 7,30+2 | 4,79+2 | 1,45+2 | 4,62+1 |
| 75 | 4,80+1 | 4,88+1 | 1,45+2 | 4,26+2 | 8,21+2 | 1,03+3 | 9,32+2 | 6,85+2 | 2,14+2 | 6,02+1 |
| 80 | 2,66+2 | 2,01+2 | 5,05+2 | 1,20+3 | 1,49+3 | 1,60+3 | 1,64+3 | 1,74+3 | 7,58+2 | 2,72+2 |
| 85 | 2,10+3 | 1,75+3 | 3,06+3 | 5,21+3 | 6,32+3 | 6,76+3 | 6,69+3 | 6,48+3 | 3,93+3 | 2,11+3 |
| 90 | 1,69+4 | 1,60+4 | 1,94+4 | 2,33+4 | 2,91+4 | 3,14+4 | 2,96+4 | 2,48+4 | 2,08+4 | 1,69+4 |
| 95 | 9,65+4 | 3,65+4 | 9,69+4 | 9,74+4 | 9,96+4 | 1,00+5 | 9,96+4 | 9,74+4 | 9,69+4 | 9,65+4 |
| 105 | 1,58+5 | 1,58+5 | 1,62+5 | 1,66+5 | 1,90+5 | 1,99+5 | 1,90+5 | 1,66+5 | 1,62+5 | 1,58+5 |

Таблица 151 — Июнь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 3,78+1 | 5,59+0 | 5,32+0 | 4,14+0 | 4,21+0 | 4,18+0 | 4,10+0 | 3,88+0 | 3,53+0 |
| 50 | — | 2,73+1 | 4,00+1 | 3,75+1 | 2,77+1 | 2,77+1 | 2,79+1 | 2,83+1 | 2,77+1 | 2,55+1 |
| 53 | — | 6,16+1 | 9,06+1 | 8,53+1 | 6,43+1 | 6,47+1 | 6,45+1 | 6,41+1 | 6,28+1 | 5,76+1 |
| 56 | — | 8,89+1 | 1,31+2 | 1,25+2 | 9,73+1 | 9,90+1 | 9,76+1 | 9,38+1 | 9,13+1 | 8,30+1 |
| 57 | 2,07+0 | 9,73+1 | 1,45+2 | 1,39+2 | 1,14+2 | 1,18+2 | 1,15+2 | 1,06+2 | 1,01+2 | 9,09+1 |
| 59 | 4,12+0 | 1,03+2 | 1,56+2 | 1,52+2 | 1,33+2 | 1,41+2 | 1,34+2 | 1,16+2 | 1,08+2 | 9,61+1 |
| 61 | 7,61+0 | 1,08+2 | 1,66+2 | 1,65+2 | 1,58+2 | 1,72+2 | 1,59+2 | 1,28+2 | 1,16+2 | 1,01+2 |
| 63 | 1,17+1 | 8,05+1 | 1,26+2 | 1,30+2 | 1,36+2 | 1,53+2 | 1,39+2 | 1,05+2 | 8,86+1 | 7,52+1 |
| 65 | 1,49+1 | 5,25+1 | 8,47+1 | 9,17+1 | 1,06+2 | 1,22+2 | 1,10+2 | 8,15+1 | 5,05+1 | 4,92+1 |
| 67 | 1,59+1 | 3,96+1 | 6,58+1 | 7,73+1 | 9,58+1 | 1,12+2 | 1,02+2 | 7,80+1 | 4,89+1 | 3,73+1 |
| 69 | 1,67+1 | 3,04+1 | 5,57+1 | 7,86+1 | 1,34+2 | 1,72+2 | 1,47+2 | 9,26+1 | 4,47+1 | 2,90+1 |
| 71 | 1,71+1 | 2,40+1 | 5,07+1 | 9,24+1 | 2,25+2 | 3,18+2 | 2,52+2 | 1,26+2 | 4,68+1 | 2,37+1 |
| 73 | 1,56+1 | 2,04+1 | 4,96+1 | 1,15+2 | 3,00+2 | 4,28+2 | 3,40+2 | 1,72+2 | 5,55+1 | 2,16+1 |
| 75 | 1,92+1 | 2,07+1 | 5,70+1 | 1,54+2 | 3,68+2 | 5,02+2 | 4,16+2 | 2,39+2 | 7,61+1 | 2,44+1 |
| 80 | 8,63+1 | 6,65+1 | 1,69+2 | 4,08+2 | 6,11+2 | 7,02+2 | 6,71+2 | 5,87+2 | 2,50+2 | 8,89+1 |
| 85 | 8,78+2 | 5,64+2 | 9,95+2 | 1,70+3 | 2,20+3 | 2,41+3 | 2,33+3 | 2,12+3 | 1,27+3 | 6,80+2 |
| 90 | 5,52+3 | 5,24+3 | 6,35+3 | 7,63+3 | 9,66+3 | 1,05+4 | 9,81+3 | 8,12+3 | 6,82+3 | 5,52+3 |
| 95 | 3,18+4 | 3,18+4 | 3,26+4 | 3,34+4 | 3,84+4 | 3,84+4 | 4,03+4 | 3,34+4 | 3,26+4 | 3,18+4 |
| 105 | 5,19+4 | 5,19+4 | 5,59+4 | 6,01+4 | 8,97+4 | 1,03+5 | 8,97+4 | 6,01+4 | 5,59+4 | 5,19+4 |

Т а б л и ц а 152 — Июнь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 96,6° | 90,0° | 85,0° | 80,0° | 50,0° | 36,7° | 50,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 2,7 | 3,7 | 4,5 | 8,6 | 12,0 | 15,3 | 19,3 | 20,2 | 21,2 |
| 45 | — | 2,67+0 | 3,96+0 | 3,78+0 | 2,94+0 | 2,98+0 | 3,00+0 | 3,06+0 | 2,75+0 | 2,50+0 |
| 50 | — | 7,76+0 | 1,14+1 | 1,08+1 | 7,92+0 | 7,88+0 | 8,08+0 | 8,73+0 | 7,91+0 | 7,25+0 |
| 53 | — | 2,15+1 | 3,16+1 | 3,00+1 | 2,25+1 | 2,26+1 | 2,29+1 | 2,37+1 | 2,20+1 | 2,01+1 |
| 55 | — | 5,19+1 | 7,63+1 | 7,32+1 | 5,69+1 | 5,78+1 | 5,75+1 | 5,65+1 | 5,34+1 | 4,85+1 |
| 57 | — | 7,65+1 | 1,14+2 | 1,10+2 | 9,01+1 | 3,31+1 | 9,10+1 | 8,51+1 | 7,95+1 | 7,15+1 |
| 59 | 1,21+0 | 9,67+1 | 1,46+2 | 1,43+2 | 1,25+2 | 1,32+2 | 1,27+2 | 1,12+2 | 1,02+2 | 9,03+1 |
| 61 | 1,83+0 | 1,18+2 | 1,82+2 | 1,82+2 | 1,73+2 | 1,88+2 | 1,75+2 | 1,43+2 | 1,27+2 | 1,11+2 |
| 63 | 5,83+0 | 9,95+1 | 1,56+2 | 1,61+2 | 1,69+2 | 1,89+2 | 1,73+2 | 1,33+2 | 1,10+2 | 9,31+1 |
| 65 | 1,06+1 | 7,15+1 | 1,15+2 | 1,26+2 | 1,45+2 | 1,66+2 | 1,51+2 | 1,15+2 | 8,28+1 | 6,70+1 |
| 67 | 1,42+1 | 5,39+1 | 9,08+1 | 1,10+2 | 1,41+2 | 1,67+2 | 1,51+2 | 1,14+2 | 6,81+1 | 5,09+1 |
| 69 | 1,76+1 | 4,15+1 | 7,77+1 | 1,14+2 | 2,06+2 | 2,68+2 | 2,27+2 | 1,40+2 | 6,36+1 | 3,97+1 |
| 71 | 2,11+1 | 3,30+1 | 7,15+1 | 1,38+2 | 3,48+2 | 4,98+2 | 3,92+2 | 1,93+2 | 6,81+1 | 3,28+1 |
| 73 | 2,19+1 | 2,86+1 | 7,20+1 | 1,76+2 | 4,85+2 | 7,01+2 | 5,51+2 | 2,70+2 | 8,35+1 | 3,07+1 |
| 75 | 2,88+1 | 2,99+1 | 8,57+1 | 2,43+2 | 6,19+2 | 8,62+2 | 7,01+2 | 3,81+2 | 1,18+2 | 3,59+1 |
| 80 | 1,35+2 | 1,04+2 | 2,70+2 | 6,71+2 | 1,14+3 | 1,36+3 | 1,25+3 | 9,66+2 | 4,02+2 | 1,39+2 |
| 85 | 1,07+3 | 8,89+2 | 1,64+3 | 2,93+3 | 4,81+3 | 5,69+3 | 5,09+3 | 3,65+3 | 2,10+3 | 1,07+3 |
| 90 | 8,71+3 | 8,26+3 | 1,06+4 | 1,34+4 | 2,26+4 | 2,70+4 | 2,29+4 | 1,42+4 | 1,13+4 | 8,71+3 |
| 95 | 5,01+4 | 5,01+4 | 5,33+4 | 5,66+4 | 7,89+4 | 8,82+4 | 7,89+4 | 5,66+4 | 5,33+4 | 5,01+4 |
| 105 | 8,18+4 | 8,18+4 | 8,87+4 | 9,61+4 | 1,49+5 | 1,72+5 | 1,49+5 | 9,61+4 | 8,87+4 | 8,18+4 |

Таблица 153 — Июнь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 3,10+0 | 5,19+0 | 5,19+0 | 4,70+0 | 4,76+0 | 4,73+0 | 4,65+0 | 4,39+0 |
| 50 | 2,24+1 | 3,71+1 | 3,66+1 | 3,13+1 | 3,13+1 | 3,14+1 | 3,19+1 | 3,13+1 |
| 53 | 5,05+1 | 8,40+1 | 8,31+1 | 7,27+1 | 7,30+1 | 7,28+1 | 7,24+1 | 7,09+1 |
| 55 | 7,27+1 | 1,22+2 | 1,21+2 | 1,10+2 | 1,11+2 | 1,10+2 | 1,06+2 | 1,03+2 |
| 57 | 7,96+1 | 1,35+2 | 1,36+2 | 1,30+2 | 1,33+2 | 1,31+2 | 1,19+2 | 1,14+2 |
| 59 | 8,41+1 | 1,44+2 | 1,48+2 | 1,53+2 | 1,59+2 | 1,53+2 | 1,31+2 | 1,22+2 |
| 61 | 8,84+1 | 1,55+2 | 1,62+2 | 1,82+2 | 1,93+2 | 1,83+2 | 1,45+2 | 1,31+2 |
| 63 | 6,47+1 | 1,16+2 | 1,26+2 | 1,56+2 | 1,69+2 | 1,57+2 | 1,17+2 | 9,85+1 |
| 65 | 4,14+1 | 7,62+1 | 8,81+1 | 1,20+2 | 1,32+2 | 1,22+2 | 9,05+1 | 6,59+1 |
| 67 | 3,15+1 | 5,99+1 | 7,56+1 | 1,07+2 | 1,19+2 | 1,11+2 | 8,72+1 | 5,35+1 |
| 69 | 2,48+1 | 5,23+1 | 7,99+1 | 1,54+2 | 1,82+2 | 1,63+2 | 1,05+2 | 4,96+1 |
| 71 | 2,08+1 | 5,05+1 | 9,87+1 | 2,65+2 | 3,35+2 | 2,84+2 | 1,45+2 | 5,28+1 |
| 73 | 2,01+1 | 5,42+1 | 1,28+2 | 3,56+2 | 4,51+2 | 3,83+2 | 2,00+2 | 6,38+1 |
| 75 | 2,46+1 | 6,88+1 | 1,76+2 | 4,31+2 | 5,28+2 | 4,63+2 | 2,78+2 | 8,86+1 |
| 80 | 1,03+2 | 2,24+2 | 4,71+2 | 6,79+2 | 7,37+2 | 7,17+2 | 5,75+2 | 2,93+2 |
| 85 | 7,98+2 | 1,26+3 | 1,97+3 | 2,42+3 | 2,53+3 | 2,50+3 | 2,44+3 | 1,49+3 |
| 90 | 6,49+3 | 7,57+3 | 8,80+3 | 1,06+4 | 1,10+4 | 1,07+4 | 9,35+3 | 7,94+3 |
| 95 | 3,73+4 | 3,79+4 | 3,84+4 | 4,16+4 | 4,23+4 | 4,16+4 | 3,84+4 | 3,79+4 |
| 106 | 6,09+4 | 6,51+4 | 6,96+4 | 9,97+4 | 1,08+5 | 9,97+4 | 6,96+4 | 6,51+4 |

Таблица 154 — Июнь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 2,19+0 | 3,67+0 | 3,70+0 | 3,33+C | 3,36+0 | 3,36+0 | 3,47+0 | 3,11+0 |
| 50 | 6,35+0 | 1,05+1 | 1,05+1 | 8,92+C | 8,88+0 | 9,02+0 | 9,88+0 | 8,93+0 |
| 53 | 1,76+1 | 2,92+1 | 2,92+1 | 2,54+1 | 2,54+1 | 2,55+1 | 2,67+1 | 2,48+1 |
| 55 | 4,24+1 | 7,10+1 | 7,12+1 | 6,43+1 | 6,50+1 | 6,46+1 | 6,36+1 | 6,01+1 |
| 57 | 6,25+1 | 1,06+2 | 1,07+2 | 1,02+2 | 1,05+2 | 1,03+2 | 9,61+1 | 8,97+1 |
| 59 | 7,91+1 | 1,36+2 | 1,40+2 | 1,43+2 | 1,9+2 | 1,44+2 | 1,26+2 | 1,15+2 |
| 61 | 9,68+1 | 1,69+2 | 1,78+2 | 2,00+2 | 2,12+2 | 2,01+2 | 1,63+2 | 1,44+2 |
| 63 | 8,00+1 | 1,43+2 | 1,57+2 | 1,93+2 | 2,09+2 | 1,95+2 | 1,50+2 | 1,22+2 |
| 65 | 5,63+1 | 1,04+2 | 1,21+2 | 1,63+2 | 1,79+2 | 1,67+2 | 1,27+2 | 9,02+1 |
| 67 | 4,30+1 | 8,29+1 | 1,08+2 | 1,59+2 | 1,77+2 | 1,65+2 | 1,28+2 | 7,45+1 |
| 69 | 3,40+1 | 7,35+1 | 1,17+2 | 2,38+2 | 2,84+2 | 2,52+2 | 1,59+2 | 7,06+1 |
| 71 | 2,89+1 | 7,22+1 | 1,48+2 | 4,12+2 | 5,24+2 | 4,42+2 | 2,23+2 | 7,71+1 |
| 73 | 2,88+1 | 8,00+1 | 1,97+2 | 5,77+2 | 7,38+2 | 6,22+2 | 3,13+2 | 9,62+1 |
| 75 | 3,66+1 | 1,05+2 | 2,78+2 | 7,29+2 | 9,06+2 | 7,84+2 | 4,43+2 | 1,37+2 |
| 80 | 1,60+2 | 3,59+2 | 7,76+2 | 1,28+3 | 1,43+3 | 1,35+3 | 1,11+3 | 4,70+2 |
| 85 | 1,26+3 | 2,08+3 | 3,40+3 | 5,40+3 | 5,38+3 | 5,58+3 | 4,22+3 | 2,45+3 |
| 90 | 1,02+4 | 1,26+4 | 1,55+4 | 2,54+4 | 3,83+4 | 2,56+4 | 1,65+4 | 1,32+4 |
| 95 | 5,87+4 | 6,19+4 | 6,52+4 | 8,68+4 | 9,25+4 | 8,68+4 | 6,52+4 | 6,19+4 |
| 105 | 9,58+4 | 1,03+5 | 1,11+5 | 1,65+5 | 1,81+5 | 1,65+5 | 1,11+5 | 1,03+5 |

Таблица 155 — Июнь, $\bar{W}=10$, $\varphi=65^\circ$ с ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и I, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 5,58+0 | 1,05+1 | 1,07+1 | 9,76+0 | 9,88+0 | 9,81+0 | 9,63+0 | 9,12+0 |
| 50 | 4,03+1 | 7,53+1 | 7,53+1 | 6,51+1 | 6,51+1 | 6,52+1 | 6,63+1 | 6,51+1 |
| 53 | 9,02+1 | 1,69+2 | 1,70+2 | 1,50+2 | 1,50+2 | 1,50+2 | 1,49+2 | 1,46+2 |
| 55 | 1,29+2 | 2,42+2 | 2,45+2 | 2,25+2 | 2,27+2 | 2,25+2 | 2,16+2 | 2,10+2 |
| 57 | 1,41+2 | 2,68+2 | 2,75+2 | 2,66+2 | 2,72+2 | 2,66+2 | 2,43+2 | 2,32+2 |
| 59 | 1,49+2 | 2,88+2 | 2,99+2 | 3,11+2 | 3,24+2 | 3,12+2 | 2,67+2 | 2,49+2 |
| 61 | 1,53+2 | 3,01+2 | 3,20+2 | 3,64+2 | 3,86+2 | 3,65+2 | 2,89+2 | 2,61+2 |
| 63 | 9,76+1 | 1,96+2 | 2,17+2 | 2,71+2 | 2,93+2 | 2,74+2 | 2,07+2 | 1,72+2 |
| 65 | 5,24+1 | 1,09+2 | 1,31+2 | 1,75+2 | 1,92+2 | 1,80+2 | 1,42+2 | 9,72+1 |
| 67 | 4,02+1 | 8,55+1 | 1,13+2 | 1,46+2 | 1,58+2 | 1,53+2 | 1,39+2 | 7,92+1 |
| 69 | 3,22+1 | 7,57+1 | 1,22+2 | 2,03+2 | 2,31+2 | 2,16+2 | 1,72+2 | 7,54+1 |
| 71 | 2,82+1 | 7,59+1 | 1,58+2 | 3,48+2 | 4,20+2 | 3,74+2 | 2,44+2 | 8,41+1 |
| 73 | 2,97+1 | 8,61+1 | 2,11+2 | 4,67+2 | 5,61+2 | 5,04+2 | 3,41+2 | 1,07+2 |
| 75 | 4,04+1 | 1,16+2 | 2,98+2 | 5,67+2 | 6,55+2 | 6,10+2 | 4,79+2 | 1,54+2 |
| 80 | 1,92+2 | 4,01+2 | 8,08+2 | 8,71+2 | 8,86+2 | 9,20+2 | 1,16+3 | 5,27+2 |
| 85 | 1,50+3 | 2,26+3 | 3,37+3 | 3,19+3 | 3,15+3 | 3,30+3 | 4,18+3 | 2,67+3 |
| 90 | 1,20+4 | 1,34+4 | 1,49+4 | 1,40+4 | 1,38+4 | 1,42+4 | 1,59+4 | 1,41+4 |
| 95 | 6,89+4 | 6,67+4 | 6,45+4 | 5,42+4 | 5,21+4 | 5,42+4 | 6,45+4 | 6,67+4 |
| 105 | 1,12+5 | 1,15+5 | 1,17+5 | 1,30+5 | 1,33+5 | 1,30+5 | 1,17+5 | 1,15+5 |

Таблица 156 — Июнь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 3,94+0 | 7,43+0 | 7,58+0 | 6,89+0 | 6,96+0 | 6,96+0 | 7,14+0 | 6,44+0 |
| 50 | 1,14+1 | 2,12+1 | 2,15+1 | 1,84+1 | 1,83+1 | 1,86+1 | 2,02+1 | 1,84+1 |
| 53 | 3,07+1 | 5,76+1 | 5,84+1 | 5,11+1 | 5,12+1 | 5,15+1 | 5,37+1 | 5,00+1 |
| 55 | 7,38+1 | 1,39+2 | 1,42+2 | 1,29+2 | 1,31+2 | 1,30+2 | 1,28+2 | 1,21+2 |
| 57 | 1,10+2 | 2,10+2 | 2,16+2 | 2,08+2 | 2,13+2 | 2,09+2 | 1,94+2 | 1,82+2 |
| 59 | 1,40+2 | 2,70+2 | 2,82+2 | 2,92+2 | 3,04+2 | 2,94+2 | 2,57+2 | 2,34+2 |
| 61 | 1,68+2 | 3,30+2 | 3,53+2 | 3,99+2 | 4,22+2 | 4,02+2 | 3,24+2 | 2,87+2 |
| 63 | 1,21+2 | 2,43+2 | 2,70+2 | 3,35+2 | 3,62+2 | 3,40+2 | 2,63+2 | 2,13+2 |
| 65 | 7,05+1 | 1,47+2 | 1,78+2 | 2,36+2 | 2,58+2 | 2,43+2 | 1,97+2 | 1,32+2 |
| 67 | 5,42+1 | 1,17+2 | 1,59+2 | 2,12+2 | 2,32+2 | 2,23+2 | 2,01+2 | 1,09+2 |
| 69 | 4,38+1 | 1,06+2 | 1,79+2 | 3,17+2 | 3,66+2 | 3,39+2 | 2,59+2 | 1,07+2 |
| 71 | 3,91+1 | 1,08+2 | 2,34+2 | 5,32+2 | 6,45+2 | 5,74+2 | 3,69+2 | 1,22+2 |
| 73 | 4,24+1 | 1,26+2 | 3,22+2 | 7,49+2 | 9,08+2 | 8,09+2 | 5,26+2 | 1,59+2 |
| 75 | 5,96+1 | 1,75+2 | 4,64+2 | 9,50+2 | 1,12+3 | 1,02+3 | 7,50+2 | 2,36+2 |
| 80 | 2,93+2 | 6,32+2 | 1,31+3 | 1,65+3 | 1,73+3 | 1,74+3 | 1,89+3 | 8,30+2 |
| 85 | 2,30+3 | 3,65+3 | 5,70+3 | 6,98+3 | 7,50+3 | 7,21+3 | 7,07+3 | 4,30+3 |
| 90 | 1,85+4 | 2,18+4 | 2,56+4 | 3,23+4 | 3,41+4 | 3,26+4 | 2,72+4 | 2,29+4 |
| 95 | 1,06+5 | 1,06+5 | 1,07+5 | 1,09+5 | 1,09+5 | 1,09+5 | 1,07+5 | 1,06+5 |
| 105 | 1,73+5 | 1,77+5 | 1,82+5 | 2,09+5 | 2,16+5 | 2,09+5 | 1,82+5 | 1,77+5 |

Таблица 157 — Июнь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 1,79+0 | 4,15+0 | 4,29+0 | 3,98+0 | 4,03+0 | 3,99+0 | 3,83+0 | 3,72+0 |
| 50 | 1,30+1 | 2,97+1 | 3,03+1 | 2,66+1 | 2,66+1 | 2,66+1 | 2,68+1 | 2,66+1 |
| 53 | 2,89+1 | 6,63+1 | 6,80+1 | 6,09+1 | 6,11+1 | 6,09+1 | 6,00+1 | 5,94+1 |
| 55 | 4,09+1 | 9,46+1 | 9,77+1 | 9,08+1 | 9,19+1 | 9,08+1 | 8,63+1 | 8,47+1 |
| 57 | 4,48+1 | 1,05+2 | 1,09+2 | 1,07+2 | 1,10+2 | 1,07+2 | 9,67+1 | 9,38+1 |
| 59 | 4,73+1 | 1,12+2 | 1,19+2 | 1,26+2 | 1,31+2 | 1,26+2 | 1,06+2 | 1,00+2 |
| 61 | 4,31+1 | 1,04+2 | 1,12+2 | 1,30+2 | 1,38+2 | 1,30+2 | 1,01+2 | 9,32+1 |
| 63 | 2,68+1 | 6,61+1 | 7,35+1 | 9,43+1 | 1,02+2 | 9,48+1 | 6,77+1 | 5,94+1 |
| 65 | 1,39+1 | 3,52+1 | 4,13+1 | 5,85+1 | 6,49+1 | 5,94+1 | 4,11+1 | 3,20+1 |
| 67 | 1,06+1 | 2,72+1 | 3,40+1 | 4,90+1 | 5,44+1 | 5,03+1 | 3,70+1 | 2,52+1 |
| 69 | 8,28+0 | 2,31+1 | 3,38+1 | 6,58+1 | 7,79+1 | 6,87+1 | 4,15+1 | 2,23+1 |
| 71 | 6,90+0 | 2,18+1 | 4,04+1 | 1,23+2 | 1,60+2 | 1,31+2 | 5,58+1 | 2,26+1 |
| 73 | 6,58+0 | 2,18+1 | 4,90+1 | 1,61+2 | 2,12+2 | 1,72+2 | 7,34+1 | 2,49+1 |
| 75 | 7,91+0 | 2,56+1 | 3,44+1 | 1,92+2 | 2,46+2 | 2,06+2 | 9,93+1 | 3,21+1 |
| 80 | 3,20+1 | 7,41+1 | 1,61+2 | 2,79+2 | 3,15+2 | 2,94+2 | 2,30+2 | 9,64+1 |
| 85 | 2,40+2 | 4,03+2 | 6,63+2 | 1,07+3 | 1,19+3 | 1,11+3 | 8,21+2 | 4,74+2 |
| 90 | 1,89+3 | 2,34+3 | 2,89+3 | 4,75+3 | 5,30+3 | 4,79+3 | 3,07+3 | 2,45+3 |
| 95 | 1,07+4 | 1,15+4 | 1,23+4 | 1,78+4 | 1,93+4 | 1,78+4 | 1,23+4 | 1,15+4 |
| 105 | 1,75+4 | 1,97+4 | 2,22+4 | 4,25+4 | 4,91+4 | 4,25+4 | 2,22+4 | 1,97+4 |

Т а б л и ц а 158 — Июнь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | h', ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 1,26+0 | 2,92+0 | 3,03+0 | 2,80+0 | 2,84+0 | 2,81+0 | 2,75+0 | 2,62+0 |
| 50 | 3,63+0 | 8,31+0 | 8,53+0 | 7,45+0 | 7,44+0 | 7,48+0 | 7,75+0 | 7,45+0 |
| 53 | 9,72+0 | 2,23+1 | 2,30+1 | 2,05+1 | 2,06+1 | 2,06+1 | 2,07+1 | 2,00+1 |
| 55 | 2,33+1 | 5,39+1 | 5,57+1 | 5,17+1 | 5,23+1 | 5,18+1 | 4,97+1 | 4,83+1 |
| 57 | 3,49+1 | 8,15+1 | 8,53+1 | 8,36+1 | 8,56+1 | 8,37+1 | 7,60+1 | 7,31+1 |
| 59 | 4,44+1 | 1,05+2 | 1,12+2 | 1,18+2 | 1,23+2 | 1,18+2 | 9,99+1 | 9,43+1 |
| 61 | 4,72+1 | 1,14+2 | 1,23+2 | 1,42+2 | 1,51+2 | 1,43+2 | 1,11+2 | 1,02+2 |
| 63 | 3,28+1 | 8,09+1 | 9,03+1 | 1,15+2 | 1,25+2 | 1,16+2 | 8,39+1 | 7,28+1 |
| 65 | 1,81+1 | 4,60+1 | 5,43+1 | 7,65+1 | 8,48+1 | 7,79+1 | 5,48+1 | 4,19+1 |
| 67 | 1,38+1 | 3,59+1 | 4,57+1 | 6,78+1 | 7,58+1 | 6,99+1 | 5,08+1 | 3,34+1 |
| 69 | 1,09+1 | 3,13+1 | 4,77+1 | 1,04+2 | 1,26+2 | 1,09+2 | 5,99+1 | 3,04+1 |
| 71 | 9,17+0 | 2,95+1 | 5,69+1 | 1,83+2 | 2,40+2 | 1,94+2 | 8,03+1 | 3,10+1 |
| 73 | 8,95+0 | 3,04+1 | 7,13+1 | 2,52+2 | 3,36+2 | 2,70+2 | 1,08+2 | 3,53+1 |
| 75 | 1,11+1 | 3,68+1 | 9,63+1 | 3,17+2 | 4,14+2 | 3,40+2 | 1,50+2 | 4,67+1 |
| 80 | 4,69+1 | 1,12+2 | 2,54+2 | 5,30+2 | 6,24+2 | 5,60+2 | 3,63+2 | 1,47+2 |
| 85 | 3,54+2 | 6,23+2 | 1,08+3 | 2,26+3 | 2,67+3 | 2,34+3 | 1,33+3 | 7,34+2 |
| 90 | 2,79+3 | 3,63+3 | 4,71+3 | 1,02+4 | 1,21+4 | 1,03+1 | 5,01+3 | 3,81+3 |
| 95 | 1,58+4 | 1,75+4 | 1,93+4 | 3,34+4 | 3,77+4 | 3,34+4 | 1,93+4 | 1,75+4 |
| 105 | 2,58+4 | 2,93+4 | 3,32+4 | 6,53+4 | 7,59+4 | 6,53+4 | 3,32+4 | 2,93+4 |

Таблица 159 — Июнь, $\overline{W}=10$, $\varphi=65^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 1,44+0 | 3,66+0 | 3,81+0 | 3,56+0 | 3,61+0 | 3,56+0 | 3,39+0 | 3,32+0 |
| 50 | 1,04+1 | 2,62+1 | 2,69+1 | 2,38+1 | 2,38+1 | 2,38+1 | 2,39+1 | 2,38+1 |
| 53 | 2,32+1 | 5,85+1 | 6,04+1 | 5,44+1 | 5,47+1 | 5,45+1 | 5,35+1 | 5,31+1 |
| 55 | 3,29+1 | 8,34+1 | 8,69+1 | 8,12+1 | 8,22+1 | 8,12+1 | 7,69+1 | 7,58+1 |
| 57 | 3,61+1 | 9,23+1 | 9,71+1 | 9,60+1 | 9,84+1 | 9,60+1 | 8,61+1 | 8,39+1 |
| 59 | 3,81+1 | 9,88+1 | 1,05+2 | 1,12+2 | 1,17+2 | 1,12+2 | 9,36+1 | 8,98+1 |
| 61 | 3,33+1 | 8,80+1 | 9,56+1 | 1,12+2 | 1,19+2 | 1,12+2 | 8,52+1 | 8,00+1 |
| 63 | 2,00+1 | 5,38+1 | 6,00+1 | 7,79+1 | 8,48+1 | 7,81+1 | 5,42+1 | 4,90+1 |
| 65 | 9,86+0 | 2,73+1 | 3,17+1 | 4,61+1 | 5,14+1 | 4,65+1 | 3,00+1 | 2,50+1 |
| 67 | 7,46+0 | 2,10+1 | 2,53+1 | 3,87+1 | 4,35+1 | 3,93+1 | 2,54+1 | 1,94+1 |
| 69 | 5,76+0 | 1,75+1 | 2,40+1 | 5,26+1 | 6,40+1 | 5,40+1 | 2,63+1 | 1,66+1 |
| 71 | 4,61+0 | 1,57+1 | 2,64+1 | 9,61+1 | 1,30+2 | 1,00+2 | 3,23+1 | 1,55+1 |
| 73 | 4,04+0 | 1,45+1 | 2,90+1 | 1,22+2 | 1,71+2 | 1,29+2 | 3,93+1 | 1,54+1 |
| 75 | 4,24+0 | 1,50+1 | 3,48+1 | 1,44+2 | 1,98+2 | 1,53+2 | 5,05+1 | 1,74+1 |
| 80 | 1,35+1 | 3,42+1 | 7,80+1 | 2,00+2 | 2,46+2 | 2,11+2 | 1,10+2 | 4,38+1 |
| 85 | 9,68+1 | 1,77+2 | 3,15+2 | 7,85+2 | 9,62+2 | 8,11+2 | 3,89+2 | 2,08+2 |
| 90 | 7,52+2 | 1,01+3 | 1,36+3 | 3,50+3 | 4,32+3 | 3,53+3 | 1,44+3 | 1,06+3 |
| 95 | 4,25+3 | 4,95+3 | 5,74+3 | 1,29+4 | 1,55+4 | 1,29+4 | 5,74+3 | 4,95+3 |
| 105 | 6,94+3 | 8,50+3 | 1,04+4 | 3,03+4 | 3,92+4 | 3,08+4 | 1,04+4 | 8,50+3 |

Таблица 160 — Июнь, $\overline{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | h, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 1,02+0 | 2,57+0 | 2,69+0 | 2,51+0 | 2,54+0 | 2,51+0 | 2,41+0 | 2,34+0 |
| 50 | 2,92+0 | 7,32+0 | 7,56+0 | 6,66+0 | 6,65+0 | 6,67+0 | 6,78+0 | 6,66+0 |
| 53 | 7,83+0 | 1,97+1 | 2,04+1 | 1,83+1 | 1,84+1 | 1,84+1 | 1,82+1 | 1,79+1 |
| 55 | 1,88+1 | 4,75+1 | 4,95+1 | 4,62+1 | 4,68+1 | 4,63+1 | 4,40+1 | 4,32+1 |
| 57 | 2,81+1 | 7,19+1 | 7,57+1 | 7,47+1 | 7,66+1 | 7,48+1 | 6,73+1 | 6,53+1 |
| 59 | 3,57+1 | 9,27+1 | 9,90+1 | 1,05+2 | 1,10+2 | 1,05+2 | 8,81+1 | 8,43+1 |
| 61 | 3,64+1 | 9,62+1 | 1,05+2 | 1,22+2 | 1,30+2 | 1,22+2 | 9,35+1 | 8,75+1 |
| 63 | 2,43+1 | 6,55+1 | 7,31+1 | 9,48+1 | 1,03+2 | 9,51+1 | 6,64+1 | 5,97+1 |
| 65 | 1,27+1 | 3,51+1 | 4,09+1 | 5,92+1 | 6,60+1 | 5,98+1 | 3,89+1 | 3,22+1 |
| 67 | 9,60+0 | 2,71+1 | 3,32+1 | 5,19+1 | 5,88+1 | 5,28+1 | 3,37+1 | 2,52+1 |
| 69 | 7,43+0 | 2,32+1 | 3,29+1 | 8,08+1 | 1,01+2 | 8,33+1 | 3,67+1 | 2,20+1 |
| 71 | 5,99+0 | 2,08+1 | 3,60+1 | 1,40+2 | 1,92+2 | 1,46+2 | 4,50+1 | 2,07+1 |
| 73 | 5,33+0 | 1,95+1 | 4,08+1 | 1,89+2 | 2,69+2 | 2,00+2 | 5,65+1 | 2,10+1 |
| 75 | 5,75+0 | 2,08+1 | 5,07+1 | 2,34+2 | 3,32+2 | 2,50+2 | 7,44+1 | 2,45+1 |
| 80 | 1,93+1 | 5,07+1 | 1,21+2 | 3,81+2 | 4,92+2 | 4,02+2 | 1,71+2 | 6,51+1 |
| 85 | 1,40+2 | 2,67+2 | 5,01+2 | 1,63+3 | 2,12+3 | 1,68+3 | 6,20+2 | 3,15+2 |
| 90 | 1,09+3 | 1,54+3 | 2,16+3 | 7,27+3 | 9,51+3 | 7,34+3 | 2,30+3 | 1,61+3 |
| 95 | 6,14+3 | 7,36+3 | 8,82+3 | 2,34+4 | 2,90+4 | 2,34+4 | 8,82+3 | 7,36+3 |
| 105 | 1,00+4 | 1,23+4 | 1,51+4 | 4,62+4 | 5,91+4 | 4,62+4 | 1,51+4 | 1,23+4 |

Таблица 161 — Июнь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 2,49+0 | 5,40+0 | 5,56+0 | 5,14+0 | 5,20+0 | 5,15+0 | 4,99+0 | 4,79+0 |
| 50 | 1,80+1 | 3,86+1 | 3,93+1 | 3,43+1 | 3,42+1 | 3,43+1 | 3,47+1 | 3,43+1 |
| 53 | 4,01+1 | 8,64+1 | 8,81+1 | 7,85+1 | 7,89+1 | 7,86+1 | 7,77+1 | 7,66+1 |
| 55 | 5,68+1 | 1,23+2 | 1,27+2 | 1,17+2 | 1,19+2 | 1,17+2 | 1,12+2 | 1,09+2 |
| 57 | 6,22+1 | 1,37+2 | 1,42+2 | 1,39+2 | 1,42+2 | 1,39+2 | 1,26+2 | 1,21+2 |
| 59 | 6,57+1 | 1,46+2 | 1,54+2 | 1,62+2 | 1,69+2 | 1,63+2 | 1,38+2 | 1,30+2 |
| 61 | 6,20+1 | 1,41+2 | 1,51+2 | 1,74+2 | 1,85+2 | 1,75+2 | 1,37+2 | 1,25+2 |
| 63 | 3,89+1 | 9,02+1 | 1,01+2 | 1,27+2 | 1,38+2 | 1,29+2 | 9,44+1 | 8,05+1 |
| 65 | 2,01+1 | 4,87+1 | 5,82+1 | 8,02+1 | 8,85+1 | 8,21+1 | 6,08+1 | 4,42+1 |
| 67 | 1,56+1 | 3,80+1 | 4,91+1 | 6,70+1 | 7,34+1 | 6,95+1 | 5,75+1 | 3,55+1 |
| 69 | 1,24+1 | 3,30+1 | 5,12+1 | 9,09+1 | 1,05+2 | 9,59+1 | 6,84+1 | 3,26+1 |
| 71 | 1,07+1 | 3,23+1 | 6,47+1 | 1,68+2 | 2,10+2 | 1,80+2 | 9,61+1 | 3,50+1 |
| 73 | 1,10+1 | 3,48+1 | 8,35+1 | 2,22+2 | 2,78+2 | 2,39+2 | 1,31+2 | 4,20+1 |
| 75 | 1,44+1 | 4,45+1 | 1,15+2 | 2,68+2 | 3,24+2 | 2,88+2 | 1,82+2 | 5,81+1 |
| 80 | 6,59+1 | 1,44+2 | 3,02+2 | 3,97+2 | 4,22+2 | 4,19+2 | 4,33+2 | 1,89+2 |
| 85 | 5,06+2 | 8,02+2 | 1,25+3 | 1,50+3 | 1,57+3 | 1,55+3 | 1,55+3 | 9,45+2 |
| 90 | 4,01+3 | 4,69+3 | 5,47+3 | 6,65+3 | 6,94+3 | 6,71+3 | 5,82+3 | 4,92+3 |
| 95 | 2,28+4 | 2,31+4 | 2,34+4 | 2,52+4 | 2,56+4 | 2,52+4 | 2,34+4 | 2,31+4 |
| 105 | 3,72+4 | 3,97+4 | 4,24+4 | 6,01+4 | 6,50+4 | 6,01+4 | 4,24+4 | 3,97+4 |

Таблица 162 — Июнь, $\overline{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 1,75+0 | 3,81+0 | 3,93+0 | 3,62+0 | 3,66+0 | 3,64+0 | 3,63+0 | 3,38+0 |
| 50 | 5,04+0 | 1,08+1 | 1,11+1 | 9,62+0 | 9,59+0 | 9,68+0 | 1,03+1 | 9,62+0 |
| 53 | 1,35+1 | 2,92+1 | 2,99+1 | 2,65+1 | 2,66+1 | 2,67+1 | 2,72+1 | 2,59+1 |
| 55 | 3,24+1 | 7,04+1 | 7,25+1 | 6,69+1 | 6,76+1 | 6,71+1 | 6,50+1 | 6,24+1 |
| 57 | 4,85+1 | 1,06+2 | 1,11+2 | 1,08+2 | 1,11+2 | 1,08+2 | 9,95+1 | 9,45+1 |
| 59 | 6,17+1 | 1,37+2 | 1,45+2 | 1,52+2 | 1,58+2 | 1,53+2 | 1,31+2 | 1,22+2 |
| 61 | 6,80+1 | 1,54+2 | 1,66+2 | 1,91+2 | 2,02+2 | 1,92+2 | 1,52+2 | 1,37+2 |
| 63 | 4,78+1 | 1,11+2 | 1,24+2 | 1,57+2 | 1,70+2 | 1,58+2 | 1,18+2 | 9,91+1 |
| 65 | 2,70+1 | 6,44+1 | 7,75+1 | 1,06+2 | 1,17+2 | 1,09+2 | 8,26+1 | 5,86+1 |
| 67 | 2,07+1 | 5,08+1 | 6,72+1 | 9,44+1 | 1,04+2 | 9,83+1 | 8,08+1 | 4,77+1 |
| 69 | 1,66+1 | 4,51+1 | 7,34+1 | 1,44+2 | 1,69+2 | 1,52+2 | 1,01+2 | 4,51+1 |
| 71 | 1,45+1 | 4,46+1 | 9,30+1 | 2,52+2 | 3,17+2 | 2,70+2 | 1,41+2 | 4,90+1 |
| 73 | 1,53+1 | 4,95+1 | 1,24+2 | 3,51+2 | 4,45+2 | 3,78+2 | 1,97+2 | 6,07+1 |
| 75 | 2,07+1 | 6,52+1 | 1,74+2 | 4,44+2 | 5,48+2 | 4,77+2 | 2,78+2 | 8,62+1 |
| 80 | 9,81+1 | 2,22+2 | 4,80+2 | 7,54+2 | 8,34+2 | 7,97+2 | 6,89+2 | 2,91+2 |
| 85 | 7,55+2 | 1,26+3 | 2,06+3 | 3,21+3 | 3,54+3 | 3,32+3 | 2,55+3 | 1,48+3 |
| 90 | 5,99+3 | 7,39+3 | 9,08+3 | 1,46+4 | 1,63+4 | 1,48+4 | 9,65+3 | 7,75+3 |
| 95 | 3,41+4 | 3,57+4 | 3,74+4 | 4,82+4 | 5,10+4 | 4,82+4 | 3,74+4 | 3,57+4 |
| 105 | 5,56+4 | 5,97+4 | 6,41+4 | 9,38+4 | 1,02+5 | 9,38+4 | 6,41+4 | 5,97+4 |

Таблица 163 — Июнь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 5,59+0 | 1,02+1 | 1,04+1 | 9,44+0 | 9,55+0 | 9,49+0 | 9,33+0 | 8,81+0 |
| 50 | 4,04+1 | 7,32+1 | 7,30+1 | 6,29+1 | 6,29+1 | 6,31+1 | 6,42+1 | 6,30+1 |
| 53 | 9,05+1 | 1,64+2 | 1,65+2 | 1,45+2 | 1,46+2 | 1,45+2 | 1,44+2 | 1,42+2 |
| 55 | 1,29+2 | 2,36+2 | 2,39+2 | 2,18+2 | 2,21+2 | 2,18+2 | 2,09+2 | 2,04+2 |
| 57 | 1,42+2 | 2,62+2 | 2,67+2 | 2,58+2 | 2,64+2 | 2,58+2 | 2,36+2 | 2,25+2 |
| 59 | 1,50+2 | 2,80+2 | 2,91+2 | 3,02+2 | 3,14+2 | 3,03+2 | 2,59+2 | 2,42+2 |
| 61 | 1,55+2 | 2,97+2 | 3,15+2 | 3,57+2 | 3,78+2 | 3,59+2 | 2,84+2 | 2,56+2 |
| 63 | 1,01+2 | 1,98+2 | 2,18+2 | 2,71+2 | 2,93+2 | 2,74+2 | 2,07+2 | 1,72+2 |
| 65 | 5,57+1 | 1,12+2 | 1,34+2 | 1,80+2 | 1,97+2 | 1,85+2 | 1,45+2 | 9,97+1 |
| 67 | 4,27+1 | 8,83+1 | 1,16+2 | 1,51+2 | 1,64+2 | 1,58+2 | 1,42+2 | 8,13+1 |
| 69 | 3,41+1 | 7,82+1 | 1,26+2 | 2,12+2 | 2,42+2 | 2,25+2 | 1,76+2 | 7,74+1 |
| 71 | 2,98+1 | 7,81+1 | 1,61+2 | 3,61+2 | 4,36+2 | 3,88+2 | 2,49+2 | 8,61+1 |
| 73 | 3,10+1 | 8,83+1 | 2,16+2 | 4,85+2 | 5,83+2 | 5,23+2 | 3,48+2 | 1,09+2 |
| 75 | 4,17+1 | 1,18+2 | 3,05+2 | 5,88+2 | 6,82+2 | 6,33+2 | 4,89+2 | 1,58+2 |
| 80 | 1,95+2 | 4,09+2 | 8,27+2 | 9,10+2 | 9,29+2 | 9,61+2 | 1,19+3 | 5,37+2 |
| 85 | 1,53+3 | 2,31+3 | 3,46+3 | 3,31+3 | 3,28+3 | 3,42+3 | 4,28+3 | 2,73+3 |
| 90 | 1,23+4 | 1,38+4 | 1,53+4 | 1,45+4 | 1,44+4 | 1,47+4 | 1,63+4 | 1,44+4 |
| 95 | 7,06+4 | 6,85+4 | 6,64+4 | 5,64+4 | 5,44+4 | 5,64+4 | 6,64+4 | 6,85+4 |
| 105 | 1,15+5 | 1,18+5 | 1,20+5 | 1,35+5 | 1,38+5 | 1,35+5 | 1,20+5 | 1,18+5 |

Таблица 164 — Июнь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 91,6° | 85,0° | 80,0° | 50,0° | 41,7° | 50,0° | 80,0° | 85,0° |
| | h f, ч | | | | | | | |
| | 0,0 | 3,0 | 4,0 | 9,1 | 12,0 | 14,8 | 19,8 | 21,0 |
| 45 | 3,95+0 | 7,22+0 | 7,35+0 | 6,67+0 | 6,73+0 | 6,74+0 | 6,94+0 | 6,22+0 |
| 50 | 1,14+1 | 2,06+1 | 2,08+1 | 1,78+1 | 1,77+1 | 1,80+1 | 1,97+1 | 1,78+1 |
| 53 | 3,10+1 | 5,63+1 | 5,69+1 | 4,97+1 | 4,98+1 | 5,01+1 | 5,24+1 | 4,85+1 |
| 55 | 7,44+1 | 1,36+2 | 1,38+2 | 1,26+2 | 1,27+2 | 1,26+2 | 1,24+2 | 1,17+2 |
| 57 | 1,11+2 | 2,05+2 | 2,10+2 | 2,02+2 | 2,06+2 | 2,03+2 | 1,89+2 | 1,77+2 |
| 59 | 1,40+2 | 2,63+2 | 2,75+2 | 2,83+2 | 2,95+2 | 2,85+2 | 2,50+2 | 2,27+2 |
| 61 | 1,70+2 | 3,25+2 | 3,47+2 | 3,91+2 | 4,14+2 | 3,94+2 | 3,19+2 | 2,81+2 |
| 63 | 1,25+2 | 2,44+2 | 2,71+2 | 3,35+2 | 3,62+2 | 3,40+2 | 2,64+2 | 2,13+2 |
| 65 | 7,52+1 | 1,52+2 | 1,83+2 | 2,43+2 | 2,66+2 | 2,51+2 | 2,03+2 | 1,35+2 |
| 67 | 5,78+1 | 1,21+2 | 1,64+2 | 2,21+2 | 2,42+2 | 2,32+2 | 2,07+2 | 1,13+2 |
| 69 | 4,65+1 | 1,09+2 | 1,84+2 | 3,30+2 | 3,82+2 | 3,52+2 | 2,66+2 | 1,10+2 |
| 71 | 4,13+1 | 1,11+2 | 2,40+2 | 5,54+2 | 6,73+2 | 5,96+2 | 3,79+2 | 1,25+2 |
| 73 | 4,44+1 | 1,30+2 | 3,31+2 | 7,79+2 | 9,47+2 | 8,41+2 | 5,40+2 | 1,64+2 |
| 75 | 6,18+1 | 1,80+2 | 4,77+2 | 9,88+2 | 1,16+3 | 1,06+3 | 7,69+2 | 2,12+2 |
| 80 | 3,00+2 | 6,48+2 | 1,35+3 | 1,72+3 | 1,82+3 | 1,82+3 | 1,94+3 | 8,52+2 |
| 85 | 2,36+3 | 3,75+3 | 5,87+3 | 7,28+3 | 7,63+3 | 7,52+3 | 7,28+3 | 4,42+3 |
| 90 | 1,90+4 | 2,25+4 | 2,65+4 | 3,38+4 | 3,57+4 | 3,41+4 | 2,81+4 | 2,36+4 |
| 95 | 1,09+5 | 1,10+5 | 1,10+5 | 1,14+5 | 1,15+5 | 1,14+5 | 1,10+5 | 1,10+5 |
| 105 | 1,78+5 | 1,83+5 | 1,88+5 | 2,19+5 | 2,27+5 | 2,19+5 | 1,88+5 | 1,83+5 |

Таблица 165 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с ш, $\lambda=30^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 9,09+0 | 9,35+0 | 9,39+0 | 9,89+0 | 9,69+0 | 9,65+0 |
| 50 | 6,52+1 | 6,55+1 | 6,53+1 | 6,51+1 | 6,62+1 | 6,64+1 |
| 53 | 1,46+2 | 1,48+2 | 1,48+2 | 1,51+2 | 1,50+2 | 1,49+2 |
| 55 | 2,09+2 | 2,14+2 | 2,16+2 | 2,28+2 | 2,18+2 | 2,16+2 |
| 57 | 2,31+2 | 2,41+2 | 2,45+2 | 2,73+2 | 2,49+2 | 2,44+2 |
| 59 | 2,47+2 | 2,63+2 | 2,71+2 | 3,24+2 | 2,77+2 | 2,69+2 |
| 61 | 2,58+2 | 2,84+2 | 2,97+2 | 3,87+2 | 3,07+2 | 2,93+2 |
| 63 | 1,63+2 | 1,97+2 | 2,07+2 | 2,95+2 | 2,22+2 | 2,10+2 |
| 65 | 9,29+1 | 1,24+2 | 1,28+2 | 1,94+2 | 1,51+2 | 1,44+2 |
| 67 | 7,3+1 | 1,12+2 | 1,11+2 | 1,60+2 | 1,44+2 | 1,41+2 |
| 69 | 6,45+1 | 1,31+2 | 1,31+2 | 2,34+2 | 1,84+2 | 1,75+2 |
| 71 | 6,49+1 | 1,80+2 | 1,84+2 | 4,24+2 | 2,73+2 | 2,50+2 |
| 73 | 7,57+1 | 2,50+2 | 2,51+2 | 5,66+2 | 3,78+2 | 3,49+2 |
| 75 | 1,06+2 | 3,54+2 | 3,45+2 | 6,62+2 | 5,13+2 | 4,87+2 |
| 80 | 3,91+2 | 9,18+2 | 8,29+2 | 8,96+2 | 1,11+3 | 1,16+3 |
| 85 | 2,26+3 | 3,64+3 | 3,36+3 | 3,19+3 | 4,00+3 | 4,19+3 |
| 90 | 1,35+4 | 1,53+4 | 1,49+4 | 1,40+4 | 1,56+4 | 1,60+4 |
| 95 | 6,80+4 | 6,48+4 | 6,26+4 | 5,27+4 | 6,26+4 | 6,48+4 |
| 105 | 1,15+5 | 1,18+5 | 1,21+5 | 1,34+5 | 1,21+5 | 1,18+5 |

Таблица 166 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с ш, $\lambda=30^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 6,41+0 | 6,69+0 | 6,66+0 | 6,97+0 | 7,12+0 | 7,15+0 |
| 50 | 1,84+1 | 1,89+1 | 1,86+1 | 1,83+1 | 1,99+1 | 2,02+1 |
| 53 | 4,99+1 | 5,14+1 | 5,09+1 | 5,15+1 | 5,34+1 | 5,38+1 |
| 55 | 1,20+2 | 1,24+2 | 1,25+2 | 1,31+2 | 1,28+2 | 1,28+2 |
| 57 | 1,81+2 | 1,90+2 | 1,92+2 | 2,13+2 | 1,98+2 | 1,95+2 |
| 59 | 2,32+2 | 2,49+2 | 2,56+2 | 3,04+2 | 2,65+2 | 2,58+2 |
| 61 | 2,82+2 | 3,14+2 | 3,27+2 | 4,24+2 | 3,42+2 | 3,27+2 |
| 63 | 2,07+2 | 2,46+2 | 2,58+2 | 3,64+2 | 2,81+2 | 2,67+2 |
| 65 | 1,25+2 | 1,70+2 | 1,75+2 | 2,60+2 | 2,10+2 | 2,01+2 |
| 67 | 1,00+2 | 1,61+2 | 1,59+2 | 2,34+2 | 2,09+2 | 2,04+2 |
| 69 | 9,00+1 | 1,95+2 | 1,95+2 | 3,70+2 | 2,79+2 | 2,64+2 |
| 71 | 9,22+1 | 2,70+2 | 2,75+2 | 6,52+2 | 4,14+2 | 3,78+2 |
| 73 | 1,11+2 | 3,84+2 | 3,88+2 | 9,17+2 | 5,89+2 | 5,39+2 |
| 75 | 1,59+2 | 5,55+2 | 5,48+2 | 1,13+3 | 8,16+2 | 7,65+2 |
| 80 | 6,11+2 | 1,50+3 | 1,40+3 | 1,75+3 | 1,88+3 | 1,90+3 |
| 85 | 3,59+3 | 6,21+3 | 6,04+3 | 7,38+3 | 7,19+3 | 7,15+3 |
| 90 | 2,17+4 | 2,66+4 | 2,73+4 | 3,44+4 | 2,87+4 | 2,77+4 |
| 95 | 1,07+5 | 1,08+5 | 1,08+5 | 1,11+5 | 1,08+5 | 1,08+5 |
| 105 | 1,78+5 | 1,85+5 | 1,90+5 | 2,18+5 | 1,90+5 | 1,85+5 |

Таблица 167 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 8,69+0 | 8,94+0 | 8,98+0 | 9,45+0 | 9,27+0 | 9,24+0 |
| 50 | 6,23+1 | 6,26+1 | 6,24+1 | 6,22+1 | 6,33+1 | 6,35+1 |
| 53 | 1,40+2 | 1,41+2 | 1,42+2 | 1,44+2 | 1,43+2 | 1,43+2 |
| 55 | 2,01+2 | 2,05+2 | 2,07+2 | 2,18+2 | 2,09+2 | 2,08+2 |
| 57 | 2,22+2 | 2,31+2 | 2,35+2 | 2,61+2 | 2,39+2 | 2,34+2 |
| 59 | 2,37+2 | 2,52+2 | 2,60+2 | 3,11+2 | 2,66+2 | 2,58+2 |
| 61 | 2,50+2 | 2,75+2 | 2,88+2 | 3,75+2 | 2,98+2 | 2,84+2 |
| 63 | 1,66+2 | 1,95+2 | 2,05+2 | 2,92+2 | 2,20+2 | 2,08+2 |
| 65 | 9,43+1 | 1,25+2 | 1,30+2 | 1,97+2 | 1,53+2 | 1,46+2 |
| 67 | 7,44+1 | 1,14+2 | 1,13+2 | 1,64+2 | 1,46+2 | 1,42+2 |
| 69 | 6,55+1 | 1,33+2 | 1,33+2 | 2,42+2 | 1,87+2 | 1,77+2 |
| 71 | 6,57+1 | 1,82+2 | 1,86+2 | 4,36+2 | 2,76+2 | 2,52+2 |
| 73 | 7,64+1 | 2,52+2 | 2,54+2 | 5,84+2 | 3,83+2 | 3,52+2 |
| 75 | 1,06+2 | 3,57+2 | 3,50+2 | 6,83+2 | 5,19+2 | 4,91+2 |
| 80 | 3,93+2 | 9,28+2 | 8,42+2 | 9,31+2 | 1,13+3 | 1,18+3 |
| 85 | 5,27+3 | 3,68+3 | 3,41+3 | 3,28+3 | 4,06+3 | 4,24+3 |
| 90 | 1,37+4 | 1,56+4 | 1,51+4 | 1,44+4 | 1,59+4 | 1,62+4 |
| 95 | 6,88+4 | 6,59+4 | 6,38+4 | 5,44+4 | 6,38+4 | 6,59+4 |
| 105 | 1,17+5 | 1,20+5 | 1,23+5 | 1,39+5 | 1,23+5 | 1,20+5 |

Таблица 168 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 6,13+0 | 6,40+0 | 6,38+0 | 6,67+0 | 6,83+0 | 6,86+0 |
| 50 | 1,76+1 | 1,82+1 | 1,78+1 | 1,75+1 | 1,91+1 | 1,94+1 |
| 53 | 4,79+1 | 4,94+1 | 4,89+1 | 4,93+1 | 5,14+1 | 5,18+1 |
| 55 | 1,16+2 | 1,20+2 | 1,20+2 | 1,26+2 | 1,24+2 | 1,23+2 |
| 57 | 1,73+2 | 1,82+2 | 1,85+2 | 2,04+2 | 1,91+2 | 1,88+2 |
| 59 | 2,22+2 | 2,39+2 | 2,46+2 | 2,92+2 | 2,55+2 | 2,48+2 |
| 61 | 2,73+2 | 3,05+2 | 3,17+2 | 4,11+2 | 3,32+2 | 3,18+2 |
| 63 | 2,05+2 | 2,44+2 | 2,55+2 | 3,60+2 | 2,78+2 | 2,65+2 |
| 65 | 1,28+2 | 1,73+2 | 1,78+2 | 2,65+2 | 2,13+2 | 2,04+2 |
| 67 | 1,02+2 | 1,63+2 | 1,62+2 | 2,42+2 | 2,13+2 | 2,07+2 |
| 69 | 9,15+1 | 1,98+2 | 1,99+2 | 3,82+2 | 2,84+2 | 2,68+2 |
| 71 | 9,36+1 | 2,74+2 | 2,80+2 | 6,73+2 | 4,21+2 | 3,83+2 |
| 73 | 1,13+2 | 3,89+2 | 3,94+2 | 9,48+2 | 5,99+2 | 5,46+2 |
| 75 | 1,61+2 | 5,62+2 | 5,57+2 | 1,17+3 | 8,30+2 | 7,76+2 |
| 80 | 6,18+2 | 1,52+3 | 1,42+3 | 1,82+3 | 1,91+3 | 1,93+3 |
| 85 | 3,64+3 | 6,32+3 | 6,16+3 | 7,64+3 | 7,33+3 | 7,27+3 |
| 90 | 2,20+4 | 2,71+4 | 2,80+4 | 3,58+4 | 2,94+4 | 2,82+4 |
| 95 | 1,09+5 | 1,10+5 | 1,11+5 | 1,15+5 | 1,11+5 | 1,10+5 |
| 105 | 1,81+5 | 1,89+5 | 1,95+5 | 2,27+5 | 1,95+5 | 1,89+5 |

Таблица 169 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с ш., $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 9,09+0 | 9,35+0 | 9,39+0 | 9,89+0 | 9,69+0 | 9,65+0 |
| 50 | 6,51+1 | 6,55+1 | 6,53+1 | 6,51+1 | 6,62+1 | 6,64+1 |
| 53 | 1,46+2 | 1,48+2 | 1,48+2 | 1,51+2 | 1,50+2 | 1,49+2 |
| 55 | 2,09+2 | 2,14+2 | 2,16+2 | 2,28+2 | 2,18+2 | 2,16+2 |
| 57 | 2,31+2 | 2,40+2 | 2,45+2 | 2,73+2 | 2,49+2 | 2,44+2 |
| 59 | 2,47+2 | 2,63+2 | 2,71+2 | 3,24+2 | 2,77+2 | 2,69+2 |
| 61 | 2,58+2 | 2,84+2 | 2,97+2 | 3,87+2 | 3,07+2 | 2,93+2 |
| 63 | 1,63+2 | 1,97+2 | 2,08+2 | 2,96+2 | 2,23+2 | 2,11+2 |
| 65 | 9,32-1 | 1,24+2 | 1,29+2 | 1,94+2 | 1,52+2 | 1,44+2 |
| 67 | 7,35+1 | 1,13+2 | 1,12+2 | 1,61+2 | 1,44+2 | 1,41+2 |
| 69 | 6,48+1 | 1,32+2 | 1,31+2 | 2,35+2 | 1,85+2 | 1,76+2 |
| 71 | 6,51+1 | 1,81+2 | 1,84+2 | 4,26+2 | 2,74+2 | 2,51+2 |
| 73 | 7,59+1 | 2,50+2 | 2,52+2 | 5,69+2 | 3,80+2 | 3,50+2 |
| 75 | 1,06+2 | 3,55+2 | 3,46+2 | 6,65+2 | 5,14+2 | 4,89+2 |
| 80 | 3,92+2 | 9,21+2 | 8,32+2 | 9,00+2 | 1,12+3 | 1,17+3 |
| 85 | 2,26+3 | 3,66+3 | 3,38+3 | 3,20+3 | 4,02+3 | 4,20+3 |
| 90 | 1,36+4 | 1,54+4 | 1,49+4 | 1,40+4 | 1,57+4 | 1,60+4 |
| 95 | 6,82+4 | 6,51+4 | 6,29+4 | 5,29+4 | 6,29+4 | 6,51+4 |
| 105 | 1,16+5 | 1,19+5 | 1,21+5 | 1,35+5 | 1,21+5 | 1,19+5 |

Таблица 170 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с ш., $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 6,41+0 | 6,69+0 | 6,66+0 | 6,97+0 | 7,12+0 | 7,15+0 |
| 50 | 1,83+1 | 1,89+1 | 1,86+1 | 1,83+1 | 1,99+1 | 2,02+1 |
| 53 | 4,99+1 | 5,14+1 | 5,09+1 | 5,13+1 | 5,34+1 | 5,38+1 |
| 55 | 1,20+2 | 1,24+2 | 1,25+2 | 1,31+2 | 1,28+2 | 1,28+2 |
| 57 | 1,81+2 | 1,90+2 | 1,92+2 | 2,13+2 | 1,98+2 | 1,95+2 |
| 59 | 2,32+2 | 2,49+2 | 2,56+2 | 3,04+2 | 2,65+2 | 2,58+2 |
| 61 | 2,83+2 | 3,14+2 | 3,27+2 | 4,24+2 | 3,42+2 | 3,28+2 |
| 63 | 2,08+2 | 2,47+2 | 2,58+2 | 3,65+2 | 2,82+2 | 2,67+2 |
| 65 | 1,26+2 | 1,71+2 | 1,75+2 | 2,61+2 | 2,10+2 | 2,02+2 |
| 67 | 1,01+2 | 1,61+2 | 1,59+2 | 2,35+2 | 2,10+2 | 2,05+2 |
| 69 | 9,03+1 | 1,95+2 | 1,96+2 | 3,72+2 | 2,80+2 | 2,65+2 |
| 71 | 9,25+1 | 2,71+2 | 2,76+2 | 6,55+2 | 4,16+2 | 3,80+2 |
| 73 | 1,11+2 | 3,85+2 | 3,89+2 | 9,21+2 | 5,91+2 | 5,41+2 |
| 75 | 1,60+2 | 5,57+2 | 5,50+2 | 1,13+3 | 8,20+2 | 7,68+2 |
| 80 | 6,14+2 | 1,51+3 | 1,40+3 | 1,76+3 | 1,88+3 | 1,91+3 |
| 85 | 3,60+3 | 6,24+3 | 6,06+3 | 7,42+3 | 7,22+3 | 7,18+3 |
| 90 | 2,18+4 | 2,67+4 | 2,74+4 | 3,46+4 | 2,88+4 | 2,78+4 |
| 95 | 1,08+5 | 1,08+5 | 1,09+5 | 1,11+5 | 1,09+5 | 1,08+5 |
| 105 | 1,79+5 | 1,86+5 | 1,91+5 | 2,19+5 | 1,91+5 | 1,86+5 |

Таблица 171 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 5,16+0 | 5,29+0 | 5,32+0 | 5,61+0 | 5,44+0 | 5,41+0 |
| 50 | 3,70+1 | 3,71+1 | 3,71+1 | 3,70+1 | 3,74+1 | 3,75+1 |
| 53 | 8,26+1 | 8,34+1 | 8,36+1 | 8,52+1 | 8,43+1 | 8,41+1 |
| 55 | 1,18+2 | 1,20+2 | 1,21+2 | 1,28+2 | 1,22+2 | 1,21+2 |
| 57 | 1,30+2 | 1,35+2 | 1,38+2 | 1,53+2 | 1,39+2 | 1,36+2 |
| 59 | 1,39+2 | 1,47+2 | 1,52+2 | 1,82+2 | 1,55+2 | 1,50+2 |
| 61 | 1,34+2 | 1,47+2 | 1,54+2 | 2,01+2 | 1,58+2 | 1,50+2 |
| 63 | 8,55+1 | 9,92+1 | 1,05+2 | 1,51+2 | 1,11+2 | 1,05+2 |
| 65 | 4,60+1 | 5,98+1 | 6,26+1 | 9,64+1 | 7,20+1 | 6,79+1 |
| 67 | 3,60+1 | 5,30+1 | 5,35+1 | 7,99+1 | 6,69+1 | 6,45+1 |
| 69 | 3,11+1 | 5,96+1 | 6,08+1 | 1,14+2 | 8,29+1 | 7,77+1 |
| 71 | 3,04+1 | 8,12+1 | 8,59+1 | 2,27+2 | 1,25+2 | 1,11+2 |
| 73 | 3,38+1 | 1,10+2 | 1,14+2 | 3,00+2 | 1,70+2 | 1,52+2 |
| 75 | 4,52+1 | 1,53+2 | 1,55+2 | 3,50+2 | 2,29+2 | 2,10+2 |
| 80 | 1,59+2 | 3,89+2 | 3,63+2 | 4,57+2 | 4,87+2 | 4,93+2 |
| 85 | 9,04+2 | 1,54+3 | 1,48+3 | 1,69+3 | 1,76+3 | 1,77+3 |
| 90 | 5,36+3 | 6,42+3 | 6,48+3 | 7,48+3 | 6,81+3 | 6,68+3 |
| 95 | 2,67+4 | 2,69+4 | 2,70+4 | 2,76+4 | 2,70+4 | 2,69+4 |
| 105 | 4,52+4 | 4,91+4 | 5,21+4 | 7,02+4 | 5,21+4 | 4,91+4 |

Таблица 172 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 3,63+0 | 3,76+0 | 3,76+0 | 3,95+0 | 3,94+0 | 3,94+0 |
| 50 | 1,04+1 | 1,06+1 | 1,05+1 | 1,04+1 | 1,10+1 | 1,11+1 |
| 53 | 2,79+1 | 2,86+1 | 2,84+1 | 2,87+1 | 2,94+1 | 2,95+1 |
| 55 | 6,72+1 | 6,91+1 | 6,95+1 | 7,31+1 | 7,10+1 | 7,05+1 |
| 57 | 1,01+2 | 1,06+2 | 1,08+2 | 1,20+2 | 1,10+2 | 1,08+2 |
| 59 | 1,30+2 | 1,39+2 | 1,43+2 | 1,71+2 | 1,47+2 | 1,43+2 |
| 61 | 1,47+2 | 1,62+2 | 1,69+2 | 2,20+2 | 1,75+2 | 1,67+2 |
| 63 | 1,05+2 | 1,23+2 | 1,30+2 | 1,85+2 | 1,39+2 | 1,31+2 |
| 65 | 6,10+1 | 8,04+1 | 8,36+1 | 1,27+2 | 9,75+1 | 9,25+1 |
| 67 | 4,82+1 | 7,36+1 | 7,42+1 | 1,14+2 | 9,44+1 | 9,10+1 |
| 69 | 4,25+1 | 8,69+1 | 8,96+1 | 1,84+2 | 1,24+2 | 1,15+2 |
| 71 | 4,21+1 | 1,18+2 | 1,26+2 | 3,42+2 | 1,85+2 | 1,63+2 |
| 73 | 4,83+1 | 1,65+2 | 1,73+2 | 4,81+2 | 2,59+2 | 2,29+2 |
| 75 | 6,63+1 | 2,35+2 | 2,41+2 | 5,92+2 | 3,57+2 | 3,23+2 |
| 80 | 2,43+2 | 6,25+2 | 6,02+2 | 9,02+2 | 8,09+2 | 7,92+2 |
| 85 | 1,40+3 | 2,56+3 | 2,59+3 | 3,83+3 | 3,08+3 | 2,95+3 |
| 90 | 8,34+3 | 1,08+4 | 1,15+4 | 1,76+4 | 1,21+4 | 1,12+4 |
| 95 | 4,10+4 | 4,33+4 | 4,51+4 | 5,53+4 | 4,51+4 | 4,33+4 |
| 105 | 6,81+4 | 7,45+4 | 7,95+4 | 1,11+5 | 7,95+4 | 7,45+4 |

Таблица 173 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с ш, $\lambda=285^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 3,13+0 | 3,24+0 | 3,28+0 | 3,47+0 | 3,30+0 | 3,26+0 |
| 50 | 2,24+1 | 2,29+1 | 2,29+1 | 2,29+1 | 2,29+1 | 2,29+1 |
| 53 | 5,02+1 | 5,14+1 | 5,17+1 | 5,27+1 | 5,18+1 | 5,16+1 |
| 55 | 7,17+1 | 7,41+1 | 7,50+1 | 7,95+1 | 7,52+1 | 7,44+1 |
| 57 | 7,91+1 | 8,30+1 | 8,50+1 | 9,51+1 | 8,52+1 | 8,34+1 |
| 59 | 8,43+1 | 9,04+1 | 9,39+1 | 1,13+2 | 9,43+1 | 9,09+1 |
| 61 | 7,12+1 | 7,85+1 | 8,29+1 | 1,09+2 | 8,35+1 | 7,91+1 |
| 63 | 4,09+1 | 4,68+1 | 5,04+1 | 7,38+1 | 5,12+1 | 4,76+1 |
| 65 | 1,93+1 | 2,35+1 | 2,56+1 | 4,19+1 | 2,70+1 | 2,47+1 |
| 67 | 1,48+1 | 1,93+1 | 2,10+1 | 3,63+1 | 2,30+1 | 2,10+1 |
| 69 | 1,22+1 | 1,94+1 | 2,24+1 | 5,75+1 | 2,61+1 | 2,23+1 |
| 71 | 1,07+1 | 2,22+1 | 2,72+1 | 1,09+2 | 3,41+1 | 2,71+1 |
| 73 | 9,75+0 | 2,56+1 | 3,12+1 | 1,42+2 | 4,18+1 | 3,28+1 |
| 75 | 1,02+1 | 3,19+1 | 3,78+1 | 1,65+2 | 5,25+1 | 4,18+1 |
| 80 | 2,46+1 | 7,04+1 | 7,60+1 | 1,97+2 | 1,01+2 | 8,86+1 |
| 85 | 1,28+2 | 2,73+2 | 3,08+2 | 8,01+2 | 3,67+2 | 3,14+2 |
| 90 | 7,39+2 | 1,12+3 | 1,34+3 | 3,63+3 | 1,40+3 | 1,16+3 |
| 95 | 3,62+3 | 4,57+3 | 5,41+3 | 1,27+4 | 5,41+3 | 4,57+3 |
| 105 | 6,13+3 | 8,33+3 | 1,04+4 | 3,22+4 | 1,04+4 | 8,33+3 |

Таблица 174 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с ш, $\lambda=285^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и t, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 2,20+0 | 2,29+0 | 2,31+0 | 2,44+0 | 2,33+0 | 2,31+0 |
| 50 | 6,30+0 | 6,43+0 | 6,43+0 | 6,41+0 | 6,49+0 | 6,51+0 |
| 53 | 1,70+1 | 1,74+1 | 1,75+1 | 1,78+1 | 1,76+1 | 1,76+1 |
| 55 | 4,09+1 | 4,24+1 | 4,29+1 | 4,54+1 | 4,31+1 | 4,26+1 |
| 57 | 6,16+1 | 6,48+1 | 6,63+1 | 7,41+1 | 6,66+1 | 6,52+1 |
| 59 | 7,91+1 | 8,49+1 | 8,81+1 | 1,06+2 | 8,86+1 | 8,55+1 |
| 61 | 7,78+1 | 8,58+1 | 9,06+1 | 1,19+2 | 9,13+1 | 8,66+1 |
| 63 | 4,94+1 | 5,67+1 | 6,09+1 | 8,91+1 | 6,21+1 | 5,78+1 |
| 65 | 2,43+1 | 2,97+1 | 3,23+1 | 5,26+1 | 3,41+1 | 3,13+1 |
| 67 | 1,87+1 | 2,46+1 | 2,68+1 | 4,68+1 | 2,96+1 | 2,70+1 |
| 69 | 1,57+1 | 2,59+1 | 3,03+1 | 8,48+1 | 3,57+1 | 3,00+1 |
| 71 | 1,37+1 | 2,99+1 | 3,69+1 | 1,58+2 | 4,69+1 | 3,68+1 |
| 73 | 1,28+1 | 3,57+1 | 4,41+1 | 2,21+2 | 5,98+1 | 4,61+1 |
| 75 | 1,38+1 | 4,58+1 | 5,54+1 | 2,73+2 | 7,75+1 | 6,03+1 |
| 80 | 3,52+1 | 1,08+2 | 1,22+2 | 3,96+2 | 1,62+2 | 1,36+2 |
| 85 | 1,87+2 | 4,27+2 | 5,08+2 | 1,72+3 | 6,04+2 | 4,90+2 |
| 90 | 1,07+3 | 1,73+3 | 2,18+3 | 7,60+3 | 2,29+3 | 1,80+3 |
| 95 | 5,19+3 | 6,81+3 | 8,32+3 | 2,27+4 | 8,32+3 | 6,81+3 |
| 105 | 8,63+3 | 1,18+4 | 1,48+4 | 4,68+4 | 1,48+4 | 1,18+4 |

Таблица 175 — Июнь, $\bar{W}=10$, $\varphi=70^\circ$ с ш, $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и f, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 6,62+0 | 6,80+0 | 6,84+0 | 7,21+0 | 7,02+0 | 6,98+0 |
| 50 | 4,75+1 | 4,77+1 | 4,76+1 | 4,75+1 | 4,81+1 | 4,82+1 |
| 53 | 1,06+2 | 1,07+2 | 1,07+2 | 1,09+2 | 1,08+2 | 1,08+2 |
| 55 | 1,52+2 | 1,55+2 | 1,56+2 | 1,65+2 | 1,58+2 | 1,56+2 |
| 57 | 1,67+2 | 1,74+2 | 1,77+2 | 1,97+2 | 1,80+2 | 1,76+2 |
| 59 | 1,79+2 | 1,90+2 | 1,96+2 | 2,35+2 | 2,00+2 | 1,94+2 |
| 61 | 1,77+2 | 1,95+2 | 2,04+2 | 2,66+2 | 2,10+2 | 2,00+2 |
| 63 | 1,13+2 | 1,32+2 | 1,39+2 | 1,99+2 | 1,49+2 | 1,40+2 |
| 65 | 6,09+1 | 8,04+1 | 8,36+1 | 1,27+2 | 9,76+1 | 9,26+1 |
| 67 | 4,79+1 | 7,22+1 | 7,20+1 | 1,05+2 | 9,18+1 | 8,94+1 |
| 69 | 4,18+1 | 8,29+1 | 8,32+1 | 1,50+2 | 1,16+2 | 1,10+2 |
| 71 | 4,16+1 | 1,14+2 | 1,18+2 | 2,89+2 | 1,74+2 | 1,57+2 |
| 73 | 4,76+1 | 1,57+2 | 1,60+2 | 3,84+2 | 2,40+2 | 2,18+2 |
| 75 | 6,53+1 | 2,21+2 | 2,18+2 | 4,48+2 | 3,23+2 | 3,03+2 |
| 80 | 2,37+2 | 5,66+2 | 5,17+2 | 5,91+2 | 6,95+2 | 7,17+2 |
| 85 | 1,36+3 | 2,24+3 | 2,10+3 | 2,16+3 | 2,50+3 | 2,58+3 |
| 90 | 8,07+3 | 9,38+3 | 9,25+3 | 9,52+3 | 9,72+3 | 9,76+3 |
| 95 | 4,03+4 | 3,94+4 | 3,87+4 | 3,54+4 | 3,87+4 | 3,94+4 |
| 105 | 6,83+4 | 7,19+4 | 7,46+4 | 9,00+4 | 7,46+4 | 7,19+4 |

Таблица 176 — Июнь, $\bar{W}=100$, $\varphi=70^\circ$ с ш, $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 86,6° | 80,0° | 75,0° | 46,7° | 75,0° | 80,0° |
| | и f, ч | | | | | |
| | 0,0 | 3,4 | 4,5 | 12,0 | 19,3 | 20,6 |
| 45 | 4,67+0 | 4,85+0 | 4,84+0 | 5,08+0 | 5,11+0 | 5,12+0 |
| 50 | 1,33+1 | 1,37+1 | 1,35+1 | 1,33+1 | 1,43+1 | 1,45+1 |
| 53 | 3,60+1 | 3,69+1 | 3,67+1 | 3,70+1 | 3,81+1 | 3,83+1 |
| 55 | 8,66+1 | 8,92+1 | 8,96+1 | 9,42+1 | 9,19+1 | 9,14+1 |
| 57 | 1,30+2 | 1,37+2 | 1,39+2 | 1,54+2 | 1,42+2 | 1,40+2 |
| 59 | 1,68+2 | 1,80+2 | 1,85+2 | 2,20+2 | 1,90+2 | 1,85+2 |
| 61 | 1,94+2 | 2,15+2 | 2,24+2 | 2,92+2 | 2,33+2 | 2,23+2 |
| 63 | 1,39+2 | 1,64+2 | 1,72+2 | 2,45+2 | 1,86+2 | 1,77+2 |
| 65 | 8,12+1 | 1,09+2 | 1,12+2 | 1,69+2 | 1,33+2 | 1,27+2 |
| 67 | 6,46+1 | 1,01+2 | 1,01+2 | 1,50+2 | 1,31+2 | 1,27+2 |
| 69 | 5,75+1 | 1,22+2 | 1,23+2 | 2,41+2 | 1,74+2 | 1,63+2 |
| 71 | 5,82+1 | 1,68+2 | 1,74+2 | 4,39+2 | 2,60+2 | 2,34+2 |
| 73 | 6,87+1 | 2,37+2 | 2,43+2 | 6,16+2 | 3,68+2 | 3,32+2 |
| 75 | 9,68+1 | 3,41+2 | 3,42+2 | 7,59+2 | 5,08+2 | 4,69+2 |
| 80 | 3,65+2 | 9,13+2 | 8,62+2 | 1,16+3 | 1,16+3 | 1,16+3 |
| 85 | 2,12+3 | 3,76+3 | 3,71+3 | 4,93+3 | 4,42+3 | 4,32+3 |
| 90 | 1,27+4 | 1,59+4 | 1,66+4 | 2,28+4 | 1,75+4 | 1,66+4 |
| 95 | 6,24+4 | 6,41+4 | 6,53+4 | 7,20+4 | 6,53+4 | 6,41+4 |
| 105 | 1,04+5 | 1,10+5 | 1,15+5 | 1,43+5 | 1,15+5 | 1,10+5 |

Таблица 177 — Июнь, $\bar{W}=10$, $\varphi=75^\circ$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 7,34+0 | 7,45+0 | 7,79+0 | 7,61+0 |
| 50 | 5,16+1 | 5,15+1 | 5,13+1 | 5,20+1 |
| 53 | 1,16+2 | 1,17+2 | 1,18+2 | 1,17+2 |
| 55 | 1,67+2 | 1,70+2 | 1,78+2 | 1,71+2 |
| 57 | 1,88+2 | 1,93+2 | 2,14+2 | 1,96+2 |
| 59 | 2,05+2 | 2,15+2 | 2,54+2 | 2,19+2 |
| 61 | 2,11+2 | 2,28+2 | 2,91+2 | 2,33+2 |
| 63 | 1,43+2 | 1,58+2 | 2,17+2 | 1,66+2 |
| 65 | 8,71+1 | 9,75+1 | 1,39+2 | 1,09+2 |
| 67 | 7,86+1 | 8,60+1 | 1,14+2 | 1,02+2 |
| 69 | 9,00+1 | 1,04+2 | 1,64+2 | 1,30+2 |
| 71 | 1,23+2 | 1,54+2 | 3,12+2 | 1,98+2 |
| 73 | 1,69+2 | 2,10+2 | 4,15+2 | 2,73+2 |
| 75 | 2,40+2 | 2,85+2 | 4,84+2 | 3,65+2 |
| 80 | 6,29+2 | 6,33+2 | 6,42+2 | 7,62+2 |
| 85 | 2,50+3 | 2,46+3 | 2,33+3 | 2,74+3 |
| 90 | 1,05+4 | 1,04+4 | 1,03+4 | 1,08+4 |
| 95 | 4,41+4 | 4,26+4 | 3,83+4 | 4,26+4 |
| 105 | 7,98+4 | 8,38+4 | 9,75+4 | 8,38+4 |

Таблица 178 — Июнь, $\bar{W}=100$, $\varphi=75^\circ$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 5,24+0 | 5,30+0 | 5,49+0 | 5,54+0 |
| 50 | 1,48+1 | 1,47+1 | 1,44+1 | 1,54+1 |
| 53 | 4,00+1 | 4,00+1 | 4,01+1 | 4,12+1 |
| 55 | 9,65+1 | 9,78+1 | 1,02+2 | 9,97+1 |
| 57 | 1,47+2 | 1,52+2 | 1,67+2 | 1,55+2 |
| 59 | 1,94+2 | 2,03+2 | 2,38+2 | 2,08+2 |
| 61 | 2,33+2 | 2,51+2 | 3,18+2 | 2,59+2 |
| 63 | 1,78+2 | 1,96+2 | 2,67+2 | 2,08+2 |
| 65 | 1,18+2 | 1,32+2 | 1,85+2 | 1,49+2 |
| 67 | 1,11+2 | 1,22+2 | 1,65+2 | 1,46+2 |
| 69 | 1,32+2 | 1,56+2 | 2,63+2 | 1,97+2 |
| 71 | 1,81+2 | 2,29+2 | 4,75+2 | 2,97+2 |
| 73 | 2,56+2 | 3,23+2 | 6,67+2 | 4,21+2 |
| 75 | 3,71+2 | 4,50+2 | 8,21+2 | 5,78+2 |
| 80 | 1,01+3 | 1,07+3 | 1,26+3 | 1,29+3 |
| 85 | 4,17+3 | 4,43+3 | 5,34+3 | 4,94+3 |
| 90 | 1,76+4 | 1,91+4 | 2,47+4 | 1,97+4 |
| 95 | 7,16+4 | 7,32+4 | 7,83+4 | 7,32+4 |
| 105 | 1,22+5 | 1,30+5 | 1,56+5 | 1,30+5 |

Таблица 179 — Июнь, $\bar{W}=10$, $\varphi=75^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 3,43+0 | 3,48+0 | 3,67+0 | 3,50+0 |
| 50 | 2,42+1 | 2,42+1 | 2,42+1 | 2,43+1 |
| 53 | 5,43+1 | 5,46+1 | 5,56+1 | 5,47+1 |
| 55 | 7,80+1 | 7,93+1 | 8,36+1 | 7,95+1 |
| 57 | 8,73+1 | 9,02+1 | 1,00+2 | 9,05+1 |
| 59 | 9,49+1 | 1,00+2 | 1,19+2 | 1,01+2 |
| 61 | 8,73+1 | 9,47+1 | 1,22+2 | 9,53+1 |
| 63 | 5,59+1 | 6,24+1 | 8,86+1 | 6,34+1 |
| 65 | 3,06+1 | 3,52+1 | 5,47+1 | 3,68+1 |
| 67 | 2,51+1 | 2,91+1 | 4,61+1 | 3,14+1 |
| 69 | 2,50+1 | 3,17+1 | 6,69+1 | 3,58+1 |
| 71 | 2,94+1 | 4,27+1 | 1,38+2 | 5,06+1 |
| 73 | 3,49+1 | 5,20+1 | 1,81+2 | 6,38+1 |
| 75 | 4,47+1 | 6,50+1 | 2,10+2 | 8,09+1 |
| 80 | 1,05+2 | 1,31+2 | 2,64+2 | 1,57+2 |
| 85 | 4,08+2 | 5,09+2 | 1,02+3 | 5,67+2 |
| 90 | 1,68+3 | 2,14+3 | 4,56+3 | 2,20+3 |
| 95 | 6,99+3 | 8,58+3 | 1,64+4 | 8,58+3 |
| 105 | 1,26+4 | 1,68+4 | 4,17+4 | 1,68+4 |

Таблица 180 — Июнь, $\bar{W}=100$, $\varphi=75^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 2,42+0 | 2,46+0 | 2,58+0 | 2,49+0 |
| 50 | 6,82+0 | 6,81+0 | 6,77+0 | 6,89+0 |
| 53 | 1,84+1 | 1,84+1 | 1,87+1 | 1,86+1 |
| 55 | 4,45+1 | 4,52+1 | 4,76+1 | 4,55+1 |
| 57 | 6,81+1 | 7,03+1 | 7,79+1 | 7,07+1 |
| 59 | 8,92+1 | 9,41+1 | 1,12+2 | 9,47+1 |
| 61 | 9,57+1 | 1,04+2 | 1,34+2 | 1,05+2 |
| 63 | 6,84+1 | 7,63+1 | 1,08+2 | 7,78+1 |
| 65 | 3,98+1 | 4,57+1 | 7,07+1 | 4,80+1 |
| 67 | 3,34+1 | 3,89+1 | 6,30+1 | 4,23+1 |
| 69 | 3,48+1 | 4,56+1 | 1,07+2 | 5,20+1 |
| 71 | 4,10+1 | 6,03+1 | 2,04+2 | 7,22+1 |
| 73 | 5,02+1 | 7,64+1 | 2,86+2 | 9,45+1 |
| 75 | 6,60+1 | 9,89+1 | 3,52+2 | 1,24+2 |
| 80 | 1,63+2 | 2,17+2 | 5,26+2 | 2,60+2 |
| 85 | 6,54+2 | 8,81+2 | 2,25+3 | 9,82+2 |
| 90 | 2,70+3 | 3,72+3 | 1,02+4 | 3,84+3 |
| 95 | 1,08+4 | 1,40+4 | 3,13+4 | 1,40+4 |
| 105 | 1,86+4 | 2,49+4 | 6,34+4 | 2,49+4 |

Таблица 181 — Июнь, $\bar{W}=10$, $\varphi=75^\circ$ с ш, $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 3,71+0 | 3,77+0 | 3,96+0 | 3,81+0 |
| 50 | 2,62+1 | 2,62+1 | 2,61+1 | 2,63+1 |
| 53 | 5,87+1 | 5,90+1 | 6,01+1 | 5,92+1 |
| 55 | 8,44+1 | 8,58+1 | 9,04+1 | 8,61+1 |
| 57 | 9,45+1 | 9,76+1 | 1,08+2 | 9,80+1 |
| 59 | 1,03+2 | 1,08+2 | 1,29+2 | 1,09+2 |
| 61 | 9,71+1 | 1,05+2 | 1,35+2 | 1,06+2 |
| 63 | 6,38+1 | 7,11+1 | 1,00+2 | 7,29+1 |
| 65 | 3,65+1 | 4,17+1 | 6,33+1 | 4,45+1 |
| 67 | 3,09+1 | 3,52+1 | 5,31+1 | 3,92+1 |
| 69 | 3,21+1 | 3,95+1 | 7,61+1 | 4,63+1 |
| 71 | 4,03+1 | 5,59+1 | 1,57+2 | 6,86+1 |
| 73 | 5,09+1 | 7,15+1 | 2,07+2 | 9,00+1 |
| 75 | 6,84+1 | 9,27+1 | 2,41+2 | 1,17+2 |
| 80 | 1,69+2 | 1,95+2 | 3,07+2 | 2,34+2 |
| 85 | 6,64+2 | 7,60+2 | 1,16+3 | 8,48+2 |
| 90 | 2,75+3 | 3,20+3 | 5,19+3 | 3,30+3 |
| 95 | 1,15+4 | 1,29+4 | 1,89+4 | 1,29+4 |
| 105 | 2,08+4 | 2,54+4 | 4,80+4 | 2,54+4 |

Таблица 182 — Июнь, $\bar{W}=100$, $\varphi=75^\circ$ с ш, $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 81,6° | 75,0° | 51,7° | 75,0° |
| | и t, ч | | | |
| | 0,0 | 3,9 | 12,0 | 20,1 |
| 45 | 2,63+0 | 2,66+0 | 2,79+0 | 2,72+0 |
| 50 | 7,40+0 | 7,38+0 | 7,31+0 | 7,53+0 |
| 53 | 1,99+1 | 2,00+1 | 2,02+1 | 2,03+1 |
| 55 | 4,82+1 | 4,90+1 | 5,14+1 | 4,94+1 |
| 57 | 7,38+1 | 7,62+1 | 8,42+1 | 7,68+1 |
| 59 | 9,67+1 | 1,02+2 | 1,21+2 | 1,03+2 |
| 61 | 1,07+2 | 1,15+2 | 1,48+2 | 1,17+2 |
| 63 | 7,65+1 | 8,71+1 | 1,23+2 | 9,00+1 |
| 65 | 4,82+1 | 5,49+1 | 8,26+1 | 5,89+1 |
| 67 | 4,17+1 | 4,79+1 | 7,38+1 | 5,38+1 |
| 69 | 4,55+1 | 5,79+1 | 1,23+2 | 6,85+1 |
| 71 | 5,72+1 | 8,04+1 | 2,34+2 | 9,96+1 |
| 73 | 7,45+1 | 1,07+2 | 3,29+2 | 1,35+2 |
| 75 | 1,03+2 | 1,43+2 | 4,05+2 | 1,81+2 |
| 80 | 2,66+2 | 3,25+2 | 6,10+2 | 3,90+2 |
| 85 | 1,08+3 | 1,33+3 | 2,60+3 | 1,49+3 |
| 90 | 4,48+3 | 5,66+3 | 1,18+4 | 5,84+3 |
| 95 | 1,80+4 | 2,14+4 | 2,67+4 | 2,14+4 |
| 105 | 3,09+4 | 3,81+4 | 7,40+4 | 3,81+4 |

Таблица 183 — Июнь, $\bar{W}=10$,
 $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 76,6° | 56,7° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | 4,06+0 | 4,21+0 |
| 50 | 2,79+1 | 2,78+1 |
| 53 | 6,30+1 | 6,39+1 |
| 55 | 9,16+1 | 9,61+1 |
| 57 | 1,04+2 | 1,15+2 |
| 59 | 1,16+2 | 1,37+2 |
| 61 | 1,15+2 | 1,45+2 |
| 63 | 7,96+1 | 1,08+2 |
| 65 | 4,95+1 | 6,89+1 |
| 67 | 4,42+1 | 5,76+1 |
| 69 | 5,32+1 | 8,24+1 |
| 71 | 8,02+1 | 1,60+2 |
| 73 | 1,07+2 | 2,23+2 |
| 75 | 1,40+2 | 2,60+2 |
| 80 | 2,82+2 | 3,33+2 |
| 85 | 1,02+3 | 1,26+3 |
| 90 | 3,98+3 | 5,59+3 |
| 95 | 1,56+4 | 2,04+4 |
| 105 | 3,07+4 | 5,18+4 |

Таблица 184 — Июнь, $\bar{W}=100$,
 $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 76,6° | 56,7° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | 2,91+0 | 2,96+0 |
| 50 | 8,05+0 | 7,77+0 |
| 53 | 2,17+1 | 2,15+1 |
| 55 | 5,27+1 | 5,47+1 |
| 57 | 8,20+1 | 8,95+1 |
| 59 | 1,10+2 | 1,28+2 |
| 61 | 1,27+2 | 1,59+2 |
| 63 | 9,86+1 | 1,33+2 |
| 65 | 6,59+1 | 9,02+1 |
| 67 | 6,13+1 | 8,06+1 |
| 69 | 7,93+1 | 1,33+2 |
| 71 | 1,17+2 | 2,53+2 |
| 73 | 1,61+2 | 3,55+2 |
| 75 | 2,17+2 | 4,38+2 |
| 80 | 4,71+2 | 6,61+2 |
| 85 | 1,80+3 | 2,82+3 |
| 90 | 7,09+3 | 1,29+4 |
| 95 | 2,60+4 | 4,00+4 |
| 105 | 4,63+4 | 8,04+4 |

Таблица 185 — Июнь, $\bar{W}=10$,
 $\varphi=80^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--------|
| | 76,6° | 56,7° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | 2,89+0 | 3,04+0 |
| 50 | 2,00+1 | 2,00+1 |
| 53 | 4,57+1 | 4,65+1 |
| 55 | 6,72+1 | 7,08+1 |
| 57 | 7,65+1 | 8,47+1 |
| 59 | 8,50+1 | 1,01+2 |
| 61 | 6,97+1 | 8,97+1 |
| 63 | 3,95+1 | 5,54+1 |
| 65 | 1,92+1 | 2,85+1 |
| 67 | 1,72+1 | 2,67+1 |
| 69 | 2,16+1 | 4,87+1 |
| 71 | 2,80+1 | 8,11+1 |
| 73 | 3,49+1 | 1,04+2 |
| 75 | 4,41+1 | 1,19+2 |
| 80 | 8,13+1 | 1,33+2 |
| 85 | 3,05+2 | 5,85+2 |
| 90 | 1,18+3 | 2,70+3 |
| 95 | 4,41+3 | 9,06+3 |
| 105 | 8,65+3 | 2,28+4 |

Таблица 186 — Июнь, $\overline{W}=100$,
 $\varphi=80^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | |
|-------|---|--------|
| | 76,6° | 56,7° |
| | и t, ч | |
| | 0.0 | 12.0 |
| 45 | 2,05+0 | 2,14+0 |
| 50 | 5,72+0 | 5,66+0 |
| 53 | 1,59+1 | 1,61+1 |
| 55 | 3,91+1 | 4,10+1 |
| 57 | 6,01+1 | 6,64+1 |
| 59 | 8,00+1 | 9,46+1 |
| 61 | 7,60+1 | 9,75+1 |
| 63 | 4,70+1 | 6,57+1 |
| 65 | 2,32+1 | 3,42+1 |
| 67 | 2,07+1 | 3,12+1 |
| 69 | 2,75+1 | 6,38+1 |
| 71 | 3,71+1 | 1,13+2 |
| 73 | 4,84+1 | 1,57+2 |
| 75 | 6,35+1 | 1,95+2 |
| 80 | 1,30+2 | 2,72+2 |
| 85 | 4,87+2 | 1,20+3 |
| 90 | 1,82+3 | 5,15+3 |
| 95 | 6,39+3 | 1,47+4 |
| 105 | 1,16+4 | 3,12+4 |

Таблица 187 — Июнь, $\overline{W}=10$,
 $\varphi=90^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ |
|-------|---|
| | 66,6° |
| | и t, ч |
| | 0—24 |
| 45 | 3,47+0 |
| 50 | 2,29+1 |
| 53 | 5,27+1 |
| 55 | 7,94+1 |
| 57 | 9,50+1 |
| 59 | 1,13+2 |
| 61 | 1,09+2 |
| 63 | 7,37+1 |
| 65 | 4,18+1 |
| 67 | 3,62+1 |
| 69 | 5,74+1 |
| 71 | 1,09+2 |
| 73 | 1,42+2 |
| 75 | 1,64+2 |
| 80 | 1,96+2 |
| 85 | 7,99+2 |
| 90 | 3,62+3 |
| 95 | 1,27+4 |
| 105 | 3,21+4 |

Таблица 188 — Июнь, $\overline{W}=100$,
 $\varphi=90^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ |
|-------|---|
| | 66,6° |
| | и t, ч |
| | 0—24 |
| 45 | 2,44+0 |
| 50 | 6,41+0 |
| 53 | 1,78+1 |
| 55 | 4,54+1 |
| 57 | 7,41+1 |
| 59 | 1,06+2 |
| 61 | 1,19+2 |
| 63 | 8,89+1 |
| 65 | 5,25+1 |
| 67 | 4,66+1 |
| 69 | 8,46+1 |
| 71 | 1,58+2 |
| 73 | 2,20+2 |
| 75 | 2,72+2 |
| 80 | 3,95+2 |
| 85 | 1,72+3 |
| 90 | 7,58+3 |
| 95 | 2,26+4 |
| 105 | 4,67+4 |

Таблица 189 — Сентябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h t, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,83+0 | 4,12+0 | 1,54+0 | 1,53+0 | 1,54+0 | 1,54+0 | 1,29+0 | — | — |
| 53 | — | — | — | 1,12+1 | 1,63+1 | 6,22+0 | 6,27+0 | 6,23+0 | 6,09+0 | 5,08+0 | — | — |
| 55 | — | — | 1,05+0 | 2,47+1 | 3,63+1 | 1,43+1 | 1,47+1 | 1,43+1 | 1,35+1 | 1,12+1 | — | — |
| 57 | — | — | 2,68+0 | 2,71+1 | 4,01+1 | 1,67+1 | 1,76+1 | 1,68+1 | 1,49+1 | 1,23+1 | 1,15+0 | — |
| 59 | — | — | 3,87+0 | 2,92+1 | 4,38+1 | 1,97+1 | 2,14+1 | 1,98+1 | 1,64+1 | 1,33+1 | 1,67+0 | — |
| 61 | — | — | 4,45+0 | 3,56+1 | 5,41+1 | 2,67+1 | 3,02+1 | 2,68+1 | 2,02+1 | 1,62+1 | 1,92+0 | — |
| 63 | — | — | 4,87+0 | 4,59+1 | 7,09+1 | 3,91+1 | 4,64+1 | 3,94+1 | 2,66+1 | 2,08+1 | 2,11+0 | — |
| 65 | — | — | 6,67+0 | 6,74+1 | 1,06+2 | 6,68+1 | 8,39+1 | 6,74+1 | 4,00+1 | 3,07+1 | 2,91+0 | — |
| 67 | — | — | 9,52+0 | 5,06+1 | 8,87+1 | 1,08+2 | 1,81+2 | 1,10+2 | 3,38+1 | 2,31+1 | 4,19+0 | — |
| 69 | — | — | 1,08+1 | 3,84+1 | 7,38+1 | 1,61+2 | 3,43+2 | 1,67+2 | 2,90+1 | 1,78+1 | 4,88+0 | — |
| 71 | — | — | 9,14+0 | 2,93+1 | 6,00+1 | 1,94+2 | 4,70+2 | 2,07+2 | 2,55+1 | 1,40+1 | 4,45+0 | — |
| 73 | — | — | 7,99+0 | 2,28+1 | 5,02+1 | 2,47+2 | 6,63+2 | 2,73+2 | 2,49+1 | 1,19+1 | 4,62+0 | — |
| 75 | 1,05+0 | 1,42+0 | 7,68+0 | 1,87+1 | 4,37+1 | 2,81+2 | 7,43+2 | 3,19+2 | 2,82+1 | 1,18+1 | 5,93+0 | 1,87+0 |
| 80 | 4,73+0 | 8,10+0 | 1,85+1 | 2,61+1 | 6,43+1 | 4,97+2 | 1,06+3 | 5,65+2 | 7,91+1 | 3,27+1 | 2,51+1 | 9,83+0 |
| 85 | 2,12+1 | 5,03+1 | 1,46+2 | 1,85+2 | 3,49+2 | 2,01+3 | 3,80+3 | 2,17+3 | 4,42+2 | 2,41+2 | 1,86+2 | 5,63+1 |
| 90 | 1,60+2 | 4,26+2 | 1,41+3 | 1,82+3 | 2,49+3 | 9,52+3 | 1,66+4 | 9,74+3 | 2,67+3 | 1,97+3 | 1,51+3 | 1,40+2 |
| 95 | 1,68+3 | 3,64+3 | 9,30+3 | 1,13+4 | 1,34+4 | 3,89+4 | 6,26+4 | 3,89+4 | 1,34+4 | 1,13+4 | 9,30+3 | 3,64+3 |
| 105 | 2,52+3 | 5,64+3 | 1,50+4 | 1,85+4 | 2,29+4 | 8,77+4 | 1,60+5 | 8,77+4 | 2,29+4 | 1,85+4 | 1,50+4 | 5,64+3 |

Таблица 190 — Сентябрь, $\overline{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 18,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 1,47+0 | 2,14+0 | — | — | — | — | — | — | — |
| 53 | — | — | — | 8,27+0 | 1,21+1 | 4,59+0 | 4,63+0 | 4,61+0 | 4,50+0 | 3,75+0 | — | — |
| 55 | — | — | — | 2,19+1 | 3,22+1 | 1,27+1 | 1,30+1 | 1,27+1 | 1,20+1 | 9,95+0 | — | — |
| 57 | — | — | 2,29+0 | 2,54+1 | 3,76+1 | 1,57+1 | 1,65+1 | 1,58+1 | 1,40+1 | 1,15+1 | — | — |
| 59 | — | — | 3,56+0 | 2,87+1 | 4,30+1 | 1,93+1 | 2,10+1 | 1,95+1 | 1,61+1 | 1,30+1 | 1,54+0 | — |
| 61 | — | — | 4,30+0 | 3,68+1 | 5,59+1 | 2,76+1 | 3,12+1 | 2,78+1 | 2,10+1 | 1,67+1 | 1,86+0 | — |
| 63 | — | — | 4,92+0 | 5,03+1 | 7,78+1 | 4,30+1 | 5,09+1 | 4,34+1 | 2,93+1 | 2,29+1 | 2,14+0 | — |
| 65 | — | — | 7,07+0 | 7,96+1 | 1,26+2 | 7,90+1 | 9,91+1 | 7,98+1 | 4,73+1 | 3,62+1 | 3,11+0 | — |
| 67 | — | — | 1,07+1 | 5,98+1 | 1,06+2 | 1,36+2 | 2,33+2 | 1,39+2 | 4,05+1 | 2,74+1 | 4,73+0 | — |
| 69 | — | — | 1,26+1 | 4,54+1 | 8,90+1 | 2,22+2 | 4,98+2 | 2,32+2 | 3,56+1 | 2,11+1 | 5,73+0 | — |
| 71 | — | — | 1,07+1 | 3,47+1 | 7,30+1 | 2,78+2 | 7,16+2 | 3,00+2 | 3,18+1 | 1,68+1 | 5,32+0 | — |
| 73 | — | — | 9,43+0 | 2,71+1 | 6,19+1 | 3,73+2 | 1,07+3 | 4,17+2 | 3,22+1 | 1,46+1 | 5,72+0 | 1,11+0 |
| 75 | 1,05+0 | 1,64+0 | 9,31+0 | 2,26+1 | 5,52+1 | 4,42+2 | 1,25+3 | 5,07+2 | 3,80+1 | 1,51+1 | 7,67+0 | 2,16+0 |
| 80 | 4,73+0 | 9,37+0 | 2,48+1 | 3,54+1 | 9,04+1 | 8,55+2 | 1,97+3 | 9,71+2 | 1,15+2 | 4,60+1 | 3,44+1 | 1,14+1 |
| 85 | 2,12+1 | 5,82+1 | 2,01+2 | 2,64+2 | 5,17+2 | 3,76+3 | 7,90+3 | 4,07+3 | 6,56+2 | 3,45+2 | 2,57+2 | 6,51+1 |
| 90 | 1,60+2 | 4,93+2 | 1,95+3 | 2,60+3 | 3,71+3 | 1,82+4 | 3,56+4 | 1,87+4 | 3,98+3 | 2,82+3 | 2,09+3 | 5,09+2 |
| 95 | 1,68+3 | 4,20+3 | 1,28+4 | 1,63+4 | 1,97+4 | 6,64+4 | 1,14+5 | 6,64+4 | 1,97+4 | 1,63+4 | 1,28+4 | 4,20+3 |
| 105 | 2,52+3 | 6,52+3 | 2,08+4 | 2,65+4 | 3,29+4 | 1,28+5 | 2,36+5 | 1,28+5 | 3,29+4 | 2,65+4 | 2,08+4 | 6,52+3 |

Таблица 191 — Сентябрь, $\bar{W}=10$, $\Phi=30^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t , ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | 1,20+0 | 1,76+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 8,56+0 | 1,25+1 | 4,80+0 | 4,79+0 | 4,82+0 | 4,80+0 | 4,60+0 | — | — |
| 53 | — | — | — | 2,34+1 | 3,41+1 | 1,34+1 | 1,35+1 | 1,35+1 | 1,31+1 | 1,26+1 | — | — |
| 55 | — | — | 1,20+0 | 2,42+0 | 4,07+1 | 5,98+1 | 2,44+1 | 2,50+1 | 2,45+1 | 2,30+1 | 2,19+1 | 1,65+0 |
| 57 | — | — | 4,59+0 | 4,63+1 | 6,87+1 | 2,96+1 | 3,11+1 | 2,97+1 | 2,64+1 | 2,49+1 | 3,12+0 | — |
| 59 | — | — | 6,39+0 | 5,27+1 | 7,90+1 | 3,67+1 | 3,98+1 | 3,69+1 | 3,04+1 | 2,83+1 | 4,35+0 | — |
| 61 | — | — | 7,49+0 | 6,79+1 | 1,03+2 | 5,26+1 | 5,94+1 | 5,30+1 | 3,98+1 | 3,65+1 | 5,10+0 | — |
| 63 | — | — | 8,66+0 | 7,94+1 | 1,23+2 | 7,01+1 | 8,31+1 | 7,07+1 | 4,75+1 | 4,27+1 | 5,91+0 | — |
| 65 | — | — | 1,19+1 | 9,25+1 | 1,46+2 | 9,49+1 | 1,19+2 | 9,60+1 | 5,66+1 | 4,97+1 | 8,15+0 | — |
| 67 | — | — | 1,46+1 | 6,94+1 | 1,18+2 | 1,20+2 | 1,81+2 | 1,22+2 | 4,61+1 | 3,74+1 | 9,99+0 | — |
| 69 | — | — | 1,47+1 | 5,26+1 | 9,59+1 | 1,55+2 | 2,82+2 | 1,62+2 | 3,86+1 | 2,85+1 | 1,01+1 | — |
| 71 | — | — | 1,23+1 | 4,00+1 | 7,77+1 | 1,84+2 | 3,80+2 | 1,98+2 | 3,32+1 | 2,21+1 | 8,71+0 | — |
| 73 | — | — | 1,05+1 | 3,07+1 | 6,47+1 | 2,39+2 | 5,52+2 | 2,65+2 | 3,13+1 | 1,77+1 | 7,94+0 | — |
| 75 | 1,28+0 | 1,47+0 | 9,58+0 | 2,44+1 | 5,51+1 | 2,69+2 | 6,14+2 | 3,05+2 | 3,32+1 | 1,57+1 | 8,26+0 | 1,93+0 |
| 80 | 5,72+0 | 8,38+0 | 1,74+1 | 2,60+1 | 6,90+1 | 4,83+2 | 9,49+2 | 5,47+2 | 7,97+1 | 2,98+1 | 2,31+1 | 1,02+1 |
| 85 | 2,56+1 | 5,36+1 | 1,34+2 | 1,65+2 | 3,41+2 | 1,81+3 | 3,18+3 | 1,96+3 | 4,29+2 | 2,14+2 | 1,70+2 | 6,00+1 |
| 90 | 1,76+2 | 4,42+2 | 1,36+3 | 1,72+3 | 2,39+3 | 8,30+3 | 1,37+4 | 8,49+3 | 2,57+3 | 1,87+3 | 1,46+3 | 4,56+2 |
| 95 | 1,68+3 | 3,60+3 | 9,10+3 | 1,11+4 | 1,29+4 | 3,44+4 | 5,34+4 | 3,44+4 | 1,29+4 | 1,11+4 | 9,10+3 | 3,60+3 |
| 105 | 2,52+3 | 5,59+3 | 1,47+4 | 1,81+4 | 2,20+4 | 7,79+4 | 1,37+5 | 7,79+4 | 2,20+4 | 1,81+4 | 1,47+4 | 5,59+3 |

Таблица 192 — Сентябрь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | — | 1,45+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 3,16+0 | 4,60+0 | 1,78+0 | 1,77+0 | 1,80+0 | 1,78+0 | 1,70+0 | — | — |
| 53 | — | — | — | 1,16+1 | 1,69+1 | 6,65+0 | 6,70+0 | 6,71+0 | 6,52+0 | 6,22+0 | — | — |
| 55 | — | — | — | 2,94+1 | 4,31+1 | 1,76+1 | 1,80+1 | 1,77+1 | 1,66+1 | 1,58+1 | — | — |
| 57 | — | — | 3,05+0 | 3,95+1 | 5,85+1 | 2,52+1 | 2,65+1 | 2,54+1 | 2,26+1 | 2,12+1 | 2,08+0 | — |
| 59 | — | — | 5,17+0 | 5,04+1 | 7,56+1 | 3,51+1 | 3,81+1 | 3,54+1 | 2,92+1 | 2,71+1 | 3,52+0 | — |
| 61 | — | — | 6,88+0 | 7,29+1 | 1,11+2 | 5,65+1 | 6,38+1 | 5,70+1 | 4,28+1 | 3,91+1 | 4,69+0 | — |
| 63 | — | — | 8,79+0 | 9,51+1 | 1,47+2 | 8,40+1 | 9,95+1 | 8,49+1 | 5,70+1 | 5,11+1 | 6,00+0 | — |
| 65 | — | — | 1,34+1 | 1,22+2 | 1,93+2 | 1,26+2 | 1,57+2 | 1,27+2 | 7,49+1 | 6,58+1 | 9,19+0 | — |
| 67 | — | — | 1,79+1 | 9,18+1 | 1,57+2 | 1,68+2 | 2,60+2 | 1,72+2 | 6,16+1 | 4,95+1 | 1,23+1 | — |
| 69 | — | — | 1,98+1 | 6,95+1 | 1,29+2 | 2,29+2 | 4,34+2 | 2,40+2 | 5,21+1 | 3,77+1 | 1,30+1 | — |
| 71 | — | — | 1,58+1 | 5,29+1 | 1,05+2 | 2,77+2 | 5,96+2 | 2,99+2 | 4,52+1 | 2,93+1 | 1,12+1 | — |
| 73 | — | — | 1,36+1 | 4,07+1 | 8,78+1 | 3,75+2 | 9,08+2 | 4,18+2 | 4,35+1 | 2,37+1 | 1,04+1 | 1,16+0 |
| 75 | 1,28+0 | 1,71+0 | 1,25+1 | 3,26+1 | 7,56+1 | 4,33+2 | 1,04+3 | 4,95+2 | 4,71+1 | 2,13+1 | 1,10+1 | 2,25+0 |
| 80 | 5,72+0 | 9,78+0 | 2,40+1 | 3,65+1 | 1,00+2 | 8,18+2 | 1,70+3 | 9,28+2 | 1,18+2 | 4,30+1 | 3,22+1 | 1,19+1 |
| 85 | 2,56+1 | 6,26+1 | 1,88+2 | 2,41+2 | 5,16+2 | 3,43+3 | 6,65+3 | 3,71+3 | 6,51+2 | 3,13+2 | 2,40+2 | 7,00+1 |
| 90 | 1,76+2 | 5,16+2 | 1,92+3 | 2,53+3 | 3,66+3 | 1,65+4 | 3,05+4 | 1,68+4 | 3,93+3 | 2,74+3 | 2,06+3 | 5,33+2 |
| 95 | 1,68+3 | 4,21+3 | 1,28+4 | 1,63+4 | 1,95+4 | 6,09+4 | 1,01+5 | 6,09+4 | 1,96+4 | 1,63+4 | 1,28+4 | 4,21+3 |
| 105 | 2,52+3 | 6,53+3 | 2,08+4 | 2,66+4 | 3,25+4 | 1,17+5 | 2,08+5 | 1,17+5 | 3,25+4 | 2,66+4 | 2,08+4 | 6,53+3 |

Таблица 193 — Сентябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | 1,77+0 | 2,61+0 | 1,09+0 | 1,11+0 | 1,10+0 | 1,03+0 | — | — | — |
| 50 | — | — | — | 1,28+1 | 1,87+1 | 7,35+0 | 7,34+0 | 7,37+0 | 7,34+0 | 7,15+0 | — | — |
| 53 | — | — | 1,73+0 | 3,24+1 | 4,73+1 | 1,90+1 | 1,92+1 | 1,91+1 | 1,86+1 | 1,81+1 | 1,29+0 | — |
| 55 | — | — | 3,38+0 | 5,27+1 | 7,75+1 | 3,23+1 | 3,31+1 | 3,23+1 | 3,04+1 | 2,94+1 | 2,52+0 | — |
| 57 | — | — | 5,93+0 | 6,10+1 | 9,04+1 | 3,98+1 | 4,18+1 | 4,00+1 | 3,56+1 | 3,40+1 | 4,43+0 | — |
| 59 | — | — | 8,10+0 | 7,12+1 | 1,07+2 | 5,06+1 | 5,49+1 | 5,09+1 | 4,20+1 | 3,97+1 | 6,12+0 | — |
| 61 | — | — | 9,73+0 | 9,28+1 | 1,41+2 | 7,35+1 | 8,31+1 | 7,39+1 | 5,56+1 | 5,17+1 | 7,27+0 | — |
| 63 | — | — | 1,15+1 | 1,01+2 | 1,57+2 | 9,14+1 | 1,08+2 | 9,21+1 | 6,19+1 | 5,65+1 | 8,59+0 | — |
| 65 | — | — | 1,56+1 | 1,02+2 | 1,61+2 | 1,07+2 | 1,34+2 | 1,08+2 | 6,37+1 | 5,68+1 | 1,17+1 | — |
| 67 | — | — | 1,72+1 | 7,64+1 | 1,27+2 | 1,17+2 | 1,69+2 | 1,20+2 | 5,09+1 | 4,27+1 | 1,29+1 | — |
| 69 | — | — | 1,61+1 | 5,78+1 | 1,03+2 | 1,44+2 | 2,43+2 | 1,50+2 | 4,21+1 | 3,25+1 | 1,21+1 | — |
| 71 | — | — | 1,34+1 | 4,39+1 | 8,32+1 | 1,71+2 | 3,29+2 | 1,83+2 | 3,59+1 | 2,50+1 | 1,03+1 | — |
| 73 | — | — | 1,14+1 | 3,37+1 | 6,91+1 | 2,23+2 | 4,80+2 | 2,46+2 | 3,32+1 | 1,99+1 | 9,17+0 | — |
| 75 | 1,32+0 | 1,42+0 | 1,02+1 | 2,65+1 | 5,82+1 | 2,48+2 | 5,34+2 | 2,81+2 | 3,42+1 | 1,70+1 | 9,07+0 | 1,87+0 |
| 80 | 5,89+0 | 8,12+0 | 1,66+1 | 2,54+1 | 6,78+1 | 4,41+2 | 8,36+2 | 4,99+2 | 7,57+1 | 2,80+1 | 2,16+1 | 9,86+0 |
| 85 | 2,64+1 | 5,24+1 | 1,23+2 | 1,50+2 | 3,19+2 | 1,63+3 | 2,77+3 | 1,76+3 | 4,00+2 | 1,94+2 | 1,57+2 | 5,87+1 |
| 90 | 1,79+2 | 4,32+2 | 1,27+3 | 1,60+3 | 2,22+3 | 7,38+3 | 1,19+4 | 7,54+3 | 2,39+3 | 1,73+3 | 1,36+3 | 4,47+2 |
| 95 | 1,68+3 | 3,50+3 | 8,57+3 | 1,04+4 | 1,20+4 | 3,07+4 | 4,66+4 | 3,07+4 | 1,20+4 | 1,04+4 | 8,57+3 | 3,50+3 |
| 105 | 2,52+3 | 5,44+3 | 1,39+4 | 1,69+4 | 2,05+4 | 6,94+4 | 1,20+5 | 6,94+4 | 2,05+4 | 1,69+4 | 1,39+4 | 5,44+3 |

Таблица 194 — Сентябрь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | 1,46+0 | 2,14+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 4,45+0 | 6,48+0 | 2,56+0 | 2,55+0 | 2,59+0 | 2,55+0 | 2,48+0 | — | — |
| 53 | — | — | — | 1,41+1 | 2,06+1 | 8,27+0 | 8,33+0 | 8,35+0 | 8,10+0 | 7,85+0 | — | — |
| 55 | — | — | 1,16+0 | 3,50+1 | 5,14+1 | 2,14+1 | 2,19+1 | 2,15+1 | 2,02+1 | 1,95+1 | — | — |
| 57 | — | — | 3,59+0 | 5,02+1 | 7,45+1 | 3,28+1 | 3,45+1 | 3,30+1 | 2,93+1 | 2,80+1 | 2,68+0 | — |
| 59 | — | — | 6,33+0 | 6,75+1 | 1,01+2 | 4,81+1 | 5,21+1 | 4,84+1 | 3,99+1 | 3,77+1 | 4,73+0 | — |
| 61 | — | — | 8,78+0 | 1,01+2 | 1,53+2 | 7,98+1 | 9,02+1 | 8,04+1 | 6,04+1 | 5,62+1 | 6,56+0 | — |
| 63 | — | — | 1,17+1 | 1,25+2 | 1,93+2 | 1,12+2 | 1,33+2 | 1,13+2 | 7,61+1 | 6,95+1 | 8,74+0 | — |
| 65 | — | — | 1,79+1 | 1,40+2 | 2,21+2 | 1,46+2 | 1,83+2 | 1,48+2 | 8,73+1 | 7,79+1 | 1,34+1 | — |
| 67 | — | — | 2,17+1 | 1,05+2 | 1,76+2 | 1,71+2 | 2,52+2 | 1,75+2 | 7,04+1 | 5,86+1 | 1,63+1 | — |
| 69 | — | — | 2,13+1 | 7,93+1 | 1,43+2 | 2,17+2 | 3,79+2 | 2,26+2 | 5,86+1 | 4,46+1 | 1,61+1 | — |
| 71 | — | — | 1,78+1 | 6,02+1 | 1,16+2 | 2,61+2 | 5,18+2 | 2,80+2 | 5,02+1 | 3,43+1 | 1,37+1 | — |
| 73 | — | — | 1,52+1 | 4,62+1 | 9,67+1 | 3,51+2 | 7,92+2 | 3,90+2 | 4,72+1 | 2,74+1 | 1,23+1 | 1,13+0 |
| 75 | 1,32+0 | 1,66+0 | 1,37+1 | 3,65+1 | 8,22+1 | 4,02+2 | 9,07+2 | 4,57+2 | 4,93+1 | 2,37+1 | 1,23+1 | 2,19+0 |
| 80 | 5,89+0 | 9,50+0 | 2,30+1 | 3,62+1 | 9,94+1 | 7,45+2 | 1,49+3 | 8,45+2 | 1,13+2 | 4,05+1 | 3,03+1 | 1,15+1 |
| 85 | 2,64+1 | 6,13+1 | 1,74+2 | 2,21+2 | 4,85+2 | 3,09+3 | 5,80+3 | 3,34+3 | 6,10+2 | 2,86+2 | 2,22+2 | 6,87+1 |
| 90 | 1,79+2 | 5,06+2 | 1,80+3 | 2,36+3 | 3,41+3 | 1,47+4 | 2,66+4 | 1,50+4 | 3,67+3 | 2,55+3 | 1,93+3 | 5,22+2 |
| 95 | 1,68+3 | 4,10+3 | 1,21+4 | 1,53+4 | 1,81+4 | 5,45+4 | 8,92+4 | 5,45+4 | 1,81+4 | 1,53+4 | 1,21+4 | 4,10+3 |
| 105 | 2,52+3 | 6,36+3 | 1,96+4 | 2,49+4 | 3,03+4 | 1,05+5 | 1,82+5 | 1,05+5 | 3,03+4 | 2,49+4 | 1,96+4 | 6,36+3 |

Таблица 195 — Сентябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | 1,20+0 | 1,76+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 8,55+0 | 1,25+1 | 4,79+0 | 4,79+0 | 4,81+0 | 4,79+0 | 4,59+0 | — | — |
| 53 | — | — | 1,20+0 | 2,34+1 | 3,41+1 | 1,34+1 | 1,35+1 | 1,34+1 | 1,31+1 | 1,25+1 | — | — |
| 55 | — | — | 2,42+0 | 4,07+1 | 5,98+1 | 2,44+1 | 2,50+1 | 2,44+1 | 2,30+1 | 2,19+1 | 1,65+0 | — |
| 57 | — | — | 4,58+0 | 4,63+1 | 6,86+1 | 2,96+1 | 3,11+1 | 2,97+1 | 2,64+1 | 2,49+1 | 3,12+0 | — |
| 59 | — | — | 6,38+0 | 5,26+1 | 7,89+1 | 3,66+1 | 3,97+1 | 3,68+1 | 3,04+1 | 2,83+1 | 4,34+0 | — |
| 61 | — | — | 7,49+0 | 6,79+1 | 1,03+2 | 5,26+1 | 5,94+1 | 5,29+1 | 3,98+1 | 3,64+1 | 5,10+0 | — |
| 63 | — | — | 8,65+0 | 7,94+1 | 1,23+2 | 7,00+1 | 8,30+1 | 7,06+1 | 4,75+1 | 4,27+1 | 5,90+0 | — |
| 65 | — | — | 1,19+1 | 9,25+1 | 1,46+2 | 9,49+1 | 1,19+2 | 9,60+1 | 5,66+1 | 4,97+1 | 8,15+0 | — |
| 67 | — | — | 1,46+1 | 6,94+1 | 1,18+2 | 1,20+2 | 1,81+2 | 1,22+2 | 4,61+1 | 3,74+1 | 9,98+0 | — |
| 69 | — | — | 1,47+1 | 5,26+1 | 9,59+1 | 1,55+2 | 2,82+2 | 1,62+2 | 3,86+1 | 2,85+1 | 1,01+1 | — |
| 71 | — | — | 1,23+1 | 3,99+1 | 7,77+1 | 1,84+2 | 3,80+2 | 1,98+2 | 3,32+1 | 2,20+1 | 8,70+0 | — |
| 73 | — | — | 1,05+1 | 3,07+1 | 6,46+1 | 2,40+2 | 5,52+2 | 2,65+2 | 3,13+1 | 1,77+1 | 7,94+0 | — |
| 75 | 1,28+0 | 1,47+0 | 9,57+0 | 2,44+1 | 5,50+1 | 2,69+2 | 6,14+2 | 3,06+2 | 3,32+1 | 1,57+1 | 8,26+0 | 1,93+0 |
| 80 | 5,71+0 | 8,38+0 | 1,74+1 | 2,60+1 | 6,90+1 | 4,83+2 | 9,50+2 | 5,47+2 | 7,97+1 | 2,99+1 | 2,31+1 | 1,02+1 |
| 85 | 2,56+1 | 5,36+1 | 1,34+2 | 1,65+2 | 3,41+2 | 1,81+3 | 3,18+3 | 1,96+3 | 4,29+2 | 2,14+2 | 1,70+2 | 6,00+1 |
| 90 | 1,76+2 | 4,42+2 | 1,36+3 | 1,72+3 | 2,39+3 | 8,30+3 | 1,37+4 | 8,49+3 | 2,57+3 | 1,87+3 | 1,46+3 | 4,56+2 |
| 95 | 1,68+3 | 3,60+3 | 9,11+3 | 1,11+4 | 1,29+4 | 3,44+4 | 5,34+4 | 3,44+4 | 1,29+4 | 1,11+4 | 9,11+3 | 3,60+3 |
| 105 | 2,52+3 | 5,59+3 | 1,47+4 | 1,81+4 | 2,20+4 | 7,79+4 | 1,37+5 | 7,79+4 | 2,20+4 | 1,81+4 | 1,47+4 | 5,59+3 |

Таблица 196 — Сентябрь, $\bar{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 147,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 27,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 3,5 | 5,5 | 5,9 | 6,3 | 9,0 | 12,0 | 15,0 | 17,7 | 18,1 | 18,5 | 20,5 |
| 45 | — | — | — | — | 1,45+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 3,16+0 | 4,60+0 | 1,77+0 | 1,77+0 | 1,80+0 | 1,77+0 | 1,70+0 | — | — |
| 53 | — | — | — | 1,16+1 | 1,69+1 | 6,65+0 | 6,69+0 | 6,71+0 | 6,51+0 | 6,21+0 | — | — |
| 55 | — | — | — | 2,93+1 | 4,31+1 | 1,76+1 | 1,80+1 | 1,77+1 | 1,66+1 | 1,58+1 | — | — |
| 57 | — | — | 3,05+0 | 3,95+1 | 5,85+1 | 2,52+1 | 2,65+1 | 2,54+1 | 2,25+1 | 2,12+1 | 2,08+0 | — |
| 59 | — | — | 5,17+0 | 5,04+1 | 7,55+1 | 3,51+1 | 3,80+1 | 3,54+1 | 2,91+1 | 2,71+1 | 3,52+0 | — |
| 61 | — | — | 6,88+0 | 7,28+1 | 1,11+2 | 5,65+1 | 6,37+1 | 5,70+1 | 4,28+1 | 3,91+1 | 4,69+0 | — |
| 63 | — | — | 8,79+0 | 9,51+1 | 1,47+2 | 8,39+1 | 9,94+1 | 8 48+1 | 5,69+1 | 5,11+1 | 6,00+0 | — |
| 65 | — | — | 1,34+1 | 1,22+2 | 1,93+2 | 1,25+2 | 1,57+2 | 1,27+2 | 7,49+1 | 6,57+1 | 9,18+0 | — |
| 67 | — | — | 1,79+1 | 9,17+1 | 1,57+2 | 1,68+2 | 2,60+2 | 1,72+2 | 6,16+1 | 4,95+1 | 1,23+1 | — |
| 69 | — | — | 1,88+1 | 6,95+1 | 1,29+2 | 2,29+2 | 4,34+2 | 2,40+2 | 5,21+1 | 3,77+1 | 1,30+1 | — |
| 71 | — | — | 1,58+1 | 5,28+1 | 1,05+2 | 2 77+2 | 5,96+2 | 2 99+2 | 4,52+1 | 2,93+1 | 1,12+1 | — |
| 73 | — | — | 1,36+1 | 4,07+1 | 8,78+1 | 3,75+2 | 9,08+2 | 4,18+2 | 4,35+1 | 2,37+1 | 1,04+1 | 1,16+0 |
| 75 | 1,28+0 | 1,71+0 | 1,25+1 | 3,26+1 | 7,56+1 | 4,33+2 | 1,04+3 | 4,95+2 | 4,71+1 | 2,13+1 | 1,10+1 | 2,25+0 |
| 80 | 5,71+0 | 9,78+0 | 2,40+1 | 3,65+1 | 1,00+2 | 8,18+2 | 1,70+3 | 9,28+2 | 1,18+2 | 4,30+1 | 3,22+1 | 1,19+1 |
| 85 | 2,56+1 | 6 26+1 | 1,88+2 | 2,41+2 | 5,17+2 | 3,43+3 | 6,65+3 | 3,71+3 | 6,52+2 | 3,13+2 | 2,40+2 | 7,00+1 |
| 90 | 1,76+2 | 5,16+2 | 1,92+3 | 2,53+3 | 3,66+3 | 1,65+4 | 3,05+4 | 1,68+4 | 3,93+3 | 2,74+3 | 2,06+3 | 5,33+2 |
| 95 | 1,68+3 | 4,21+3 | 1,29+4 | 1,63+4 | 1,95+4 | 6,09+4 | 1,01+5 | 6,09+4 | 1,95+4 | 1 63+4 | 1,29+4 | 4,21+3 |
| 105 | 2,52+3 | 6,53+3 | 2,08+4 | 2,66+4 | 3,25+4 | 1,17+5 | 2,08+5 | 1,17+5 | 3,25+4 | 2,66+4 | 2,08+4 | 6,53+3 |

Таблица 197 — Сентябрь, $\overline{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=90^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 1,01+0 | 1,48+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 7,20+0 | 1,04+1 | 4,34+0 | 4,34+0 | 4,35+0 | 4,34+0 | 4,14+0 | — | — |
| 53 | — | — | — | 2,01+1 | 2,91+1 | 1,24+1 | 1,25+1 | 1,25+1 | 1,22+1 | 1,15+1 | — | — |
| 55 | — | — | 1,89+0 | 3,57+1 | 5,20+1 | 2,32+1 | 2,36+1 | 2,32+1 | 2,17+1 | 2,05+1 | 1,33+0 | — |
| 57 | — | — | 3,64+0 | 4,04+1 | 5,95+1 | 2,82+1 | 2,92+1 | 2,83+1 | 2,49+1 | 2,32+1 | 2,57+0 | — |
| 59 | — | — | 5,11+0 | 4,57+1 | 6,81+1 | 3,51+1 | 3,71+1 | 3,52+1 | 2,85+1 | 2,62+1 | 3,61+0 | — |
| 61 | — | — | 6,03+0 | 5,86+1 | 8,89+1 | 5,07+1 | 5,53+1 | 5,10+1 | 3,72+1 | 3,37+1 | 4,26+0 | — |
| 63 | — | — | 6,98+0 | 6,95+1 | 1,07+2 | 6,94+1 | 7,82+1 | 6,99+1 | 4,51+1 | 3,99+1 | 4,94+0 | — |
| 65 | — | — | 9,69+0 | 8,33+1 | 1,32+2 | 9,85+1 | 1,15+2 | 9,92+1 | 5,54+1 | 4,79+1 | 6,86+0 | — |
| 67 | — | — | 1,21+1 | 6,25+1 | 1,07+2 | 1,36+2 | 1,83+2 | 1,38+2 | 4,57+1 | 3,61+1 | 8,63+0 | — |
| 69 | — | — | 1,25+1 | 4,74+1 | 8,85+1 | 1,88+2 | 2,90+2 | 1,94+2 | 3,87+1 | 2,75+1 | 8,98+0 | — |
| 71 | — | — | 1,06+1 | 3,60+1 | 7,22+1 | 2,32+2 | 3,90+2 | 2,44+2 | 3,35+1 | 2,13+1 | 7,84+0 | — |
| 73 | — | — | 9,27+0 | 2,78+1 | 6,07+1 | 3,12+2 | 5,66+2 | 3,35+2 | 3,19+1 | 1,72+1 | 7,29+0 | — |
| 75 | 1,26+0 | 1,42+0 | 8,63+0 | 2,22+1 | 5,23+1 | 3,49+2 | 6,30+2 | 3,82+2 | 3,41+1 | 1,54+1 | 7,77+0 | 1,77+0 |
| 80 | 5,66+0 | 7,72+0 | 1,70+1 | 2,52+1 | 6,95+1 | 6,00+2 | 9,68+2 | 6,55+2 | 8,27+1 | 3,02+1 | 2,28+1 | 8,98+0 |
| 85 | 2,54+1 | 4,56+1 | 1,31+2 | 1,67+2 | 3,53+2 | 2,19+3 | 3,26+3 | 2,31+3 | 4,44+2 | 2,17+2 | 1,67+2 | 4,98+1 |
| 90 | 1,75+2 | 3,62+2 | 1,32+3 | 1,74+4 | 2,47+3 | 9,85+3 | 1,40+4 | 1,00+4 | 2,65+3 | 1,89+3 | 1,42+3 | 3,71+2 |
| 95 | 1,68+3 | 3,06+3 | 8,91+3 | 1,12+4 | 1,33+4 | 4,01+4 | 5,46+4 | 4,01+4 | 1,33+4 | 1,12+4 | 8,91+3 | 3,06+3 |
| 105 | 2,52+3 | 4,71+3 | 1,44+4 | 1,82+4 | 2,28+4 | 9,41+4 | 1,40+5 | 9,41+4 | 2,28+4 | 1,82+4 | 1,44+4 | 4,71+3 |

Таблица 198 — Сентябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | — | 1,21+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,71+0 | 3,91+0 | 1,64+0 | 1,63+0 | 1,65+0 | 1,64+0 | 1,56+0 | — | — |
| 53 | — | — | — | 1,03+1 | 1,49+1 | 6,38+0 | 6,41+0 | 6,42+0 | 6,24+0 | 5,91+0 | — | — |
| 55 | — | — | — | 2,62+1 | 3,82+1 | 1,70+1 | 1,73+1 | 1,71+1 | 1,60+1 | 1,51+1 | — | — |
| 57 | — | — | 2,50+0 | 3,47+1 | 5,11+1 | 2,42+1 | 2,51+1 | 2,44+1 | 2,14+1 | 2,00+1 | 1,76+0 | — |
| 59 | — | — | 4,20+0 | 4,38+1 | 6,53+1 | 3,37+1 | 3,56+1 | 3,38+1 | 2,74+1 | 2,52+1 | 2,97+0 | — |
| 61 | — | — | 5,57+0 | 6,27+1 | 9,51+1 | 5,43+1 | 5,91+1 | 5,47+1 | 3,99+1 | 3,61+1 | 3,94+0 | — |
| 63 | — | — | 7,08+0 | 8,27+1 | 1,28+2 | 8,26+1 | 9,30+1 | 8,33+1 | 5,37+1 | 4,75+1 | 5,02+0 | — |
| 65 | — | — | 1,08+1 | 1,09+2 | 1,73+2 | 1,29+2 | 1,51+2 | 1,30+2 | 7,27+1 | 6,27+1 | 7,68+0 | — |
| 67 | — | — | 1,48+1 | 8,19+1 | 1,42+2 | 1,90+2 | 2,59+2 | 1,93+2 | 6,06+1 | 4,72+1 | 1,05+1 | — |
| 69 | — | — | 1,59+1 | 6,20+1 | 1,18+2 | 2,80+2 | 4,44+2 | 2,89+2 | 5,18+1 | 3,61+1 | 1,14+1 | — |
| 71 | — | — | 1,35+1 | 4,72+1 | 9,67+1 | 3,53+2 | 6,11+2 | 3,72+2 | 4,54+1 | 2,80+1 | 1,00+1 | — |
| 73 | — | — | 1,18+1 | 3,65+1 | 8,20+1 | 4,94+2 | 9,29+2 | 5,34+2 | 4,41+1 | 2,28+1 | 9,41+0 | 1,04+0 |
| 75 | 1,26+0 | 1,61+0 | 1,11+1 | 2,94+1 | 7,16+1 | 5,71+2 | 1,07+3 | 6,27+2 | 4,83+1 | 2,07+1 | 1,02+1 | 1,99+0 |
| 80 | 5,66+0 | 8,71+0 | 2,33+1 | 3,54+1 | 1,01+2 | 1,03+3 | 1,74+3 | 1,13+3 | 1,23+2 | 4,34+1 | 3,16+1 | 1,01+1 |
| 85 | 2,54+1 | 5,15+1 | 1,84+2 | 2,44+2 | 5,36+2 | 4,26+3 | 6,81+3 | 4,50+3 | 6,76+2 | 3,18+2 | 2,34+2 | 5,62+1 |
| 90 | 1,75+2 | 4,09+2 | 1,85+3 | 2,55+3 | 3,79+3 | 2,02+4 | 3,12+4 | 2,05+4 | 4,07+3 | 2,77+3 | 1,99+3 | 4,19+2 |
| 95 | 1,68+3 | 3,46+3 | 1,25+4 | 1,64+4 | 2,00+4 | 7,22+4 | 1,04+5 | 7,22+4 | 2,00+4 | 1,64+4 | 1,25+4 | 3,46+3 |
| 105 | 2,52+3 | 5,32+3 | 2,02+4 | 2,67+4 | 3,35+4 | 1,41+5 | 2,12+5 | 1,41+5 | 3,35+4 | 2,67+4 | 2,02+4 | 5,32+3 |

Таблица 199 — Сентябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 1,99+0 | 2,90+0 | 1,34+0 | 1,37+0 | 1,35+0 | 1,26+0 | 1,21+0 | — | — |
| 50 | — | — | — | 1,45+1 | 2,09+1 | 9,07+0 | 9,07+0 | 9,09+0 | 9,07+0 | 8,82+0 | — | — |
| 53 | — | — | 1,73+0 | 3,54+1 | 5,14+1 | 2,28+1 | 2,30+1 | 2,29+1 | 2,23+1 | 2,16+1 | 1,38+0 | — |
| 55 | — | — | 3,33+0 | 5,60+1 | 8,18+1 | 3,78+1 | 3,85+1 | 3,79+1 | 3,55+1 | 3,42+1 | 2,66+0 | — |
| 57 | — | — | 5,68+0 | 6,54+1 | 9,64+1 | 4,75+1 | 4,92+1 | 4,76+1 | 4,19+1 | 3,99+1 | 4,54+0 | — |
| 59 | — | — | 7,87+0 | 7,74+1 | 1,16+2 | 6,18+1 | 6,55+1 | 6,20+1 | 5,02+1 | 4,72+1 | 6,28+0 | — |
| 61 | — | — | 9,47+0 | 1,01+2 | 1,53+2 | 9,07+1 | 9,89+1 | 9,10+1 | 6,65+1 | 6,15+1 | 7,57+0 | — |
| 63 | — | — | 1,14+1 | 1,05+2 | 1,63+2 | 1,09+2 | 1,23+2 | 1,10+2 | 7,08+1 | 6,42+1 | 9,10+0 | — |
| 65 | — | — | 1,53+1 | 9,65+1 | 1,53+2 | 1,19+2 | 1,39+2 | 1,20+2 | 6,67+1 | 5,89+1 | 1,22+1 | — |
| 67 | — | — | 1,59+1 | 7,24+1 | 1,20+2 | 1,25+2 | 1,57+2 | 1,27+2 | 5,29+1 | 4,43+1 | 1,28+1 | — |
| 69 | — | — | 1,44+1 | 5,48+1 | 9,74+1 | 1,55+2 | 2,17+2 | 1,59+2 | 4,38+1 | 3,37+1 | 1,16+1 | — |
| 71 | — | — | 1,22+1 | 4,16+1 | 7,94+1 | 1,93+2 | 2,98+2 | 2,03+2 | 3,75+1 | 2,58+1 | 9,98+0 | — |
| 73 | — | — | 1,05+1 | 3,19+1 | 6,64+1 | 2,60+2 | 4,35+2 | 2,78+2 | 3,46+1 | 2,04+1 | 8,93+0 | — |
| 75 | 1,35+0 | 1,39+0 | 9,49+0 | 2,51+1 | 5,62+1 | 2,88+2 | 4,83+2 | 3,14+2 | 3,51+1 | 1,73+1 | 8,80+0 | 1,72+0 |
| 80 | 6,03+0 | 7,51+0 | 1,54+1 | 2,38+1 | 6,58+1 | 4,90+2 | 7,55+2 | 5,34+2 | 7,42+1 | 2,66+1 | 2,01+1 | 8,74+0 |
| 85 | 2,70+1 | 4,49+1 | 1,13+2 | 1,40+2 | 3,07+2 | 1,75+3 | 2,51+3 | 1,84+3 | 3,85+2 | 1,81+2 | 1,43+2 | 4,90+1 |
| 90 | 1,81+2 | 3,53+2 | 1,16+3 | 1,49+3 | 2,12+3 | 7,77+3 | 1,08+4 | 7,89+3 | 2,28+3 | 1,62+3 | 1,25+3 | 3,62+2 |
| 95 | 1,68+3 | 2,93+3 | 7,88+3 | 9,71+3 | 1,14+4 | 3,17+4 | 4,22+4 | 3,17+4 | 1,14+4 | 9,71+3 | 7,88+3 | 2,93+3 |
| 105 | 2,52+3 | 4,51+3 | 1,27+4 | 1,59+4 | 1,96+4 | 7,44+4 | 1,08+5 | 7,44+4 | 1,96+4 | 1,59+4 | 1,27+4 | 4,51+3 |

Таблица 200 — Сентябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 1,64+0 | 2,39+0 | 1,11+0 | 1,13+0 | 1,12+0 | 1,04+0 | — | — | — |
| 50 | — | — | — | 4,91+0 | 7,09+0 | 3,08+0 | 3,08+0 | 3,11+0 | 3,08+0 | 2,99+0 | — | — |
| 53 | — | — | — | 1,46+1 | 2,11+1 | 9,38+0 | 9,43+0 | 9,44+0 | 9,17+0 | 8,87+0 | — | — |
| 55 | — | — | 1,10+0 | 3,58+1 | 5,22+1 | 2,42+1 | 2,46+1 | 2,43+1 | 2,27+1 | 2,18+1 | — | — |
| 57 | — | — | 3,33+0 | 5,31+1 | 7,82+1 | 3,85+1 | 3,99+1 | 3,87+1 | 3,40+1 | 3,24+1 | 2,66+0 | — |
| 59 | — | — | 5,98+0 | 7,32+1 | 1,09+2 | 5,85+1 | 6,19+1 | 5,87+1 | 4,75+1 | 4,46+1 | 4,78+0 | — |
| 61 | — | — | 8,50+0 | 1,10+2 | 1,67+2 | 9,89+1 | 1,08+2 | 9,94+1 | 7,25+1 | 6,70+1 | 6,79+0 | — |
| 63 | — | — | 1,16+1 | 1,30+2 | 2,02+2 | 1,36+2 | 1,53+2 | 1,36+2 | 8,79+1 | 7,96+1 | 9,26+0 | — |
| 65 | — | — | 1,76+1 | 1,34+2 | 2,12+2 | 1,65+2 | 1,93+2 | 1,66+2 | 9,26+1 | 8,17+1 | 1,40+1 | — |
| 67 | — | — | 2,02+1 | 1,00+2 | 1,68+2 | 1,86+2 | 2,39+2 | 1,89+2 | 7,42+1 | 6,14+1 | 1,62+1 | — |
| 69 | — | — | 1,92+1 | 7,61+1 | 1,37+2 | 2,38+2 | 3,42+2 | 2,45+2 | 6,18+1 | 4,67+1 | 1,55+1 | — |
| 71 | — | — | 1,63+1 | 5,78+1 | 1,12+2 | 2,98+2 | 4,69+2 | 3,13+2 | 5,30+1 | 3,59+1 | 1,33+1 | — |
| 73 | — | — | 1,40+1 | 4,43+1 | 9,41+1 | 4,16+2 | 7,17+2 | 4,46+2 | 4,95+1 | 2,84+1 | 1,20+1 | 1,01+0 |
| 75 | 1,35+0 | 1,57+0 | 1,27+1 | 3,49+1 | 8,03+1 | 4,74+2 | 8,21+2 | 5,18+2 | 5,09+1 | 2,43+1 | 1,19+1 | 1,94+0 |
| 80 | 6,03+0 | 8,49+0 | 2,13+1 | 3,40+1 | 9,71+1 | 8,42+2 | 1,35+3 | 9,19+2 | 1,11+2 | 3,86+1 | 2,80+1 | 9,88+0 |
| 85 | 2,70+1 | 5,07+1 | 1,59+2 | 2,06+2 | 4,70+2 | 3,41+3 | 5,25+3 | 3,60+3 | 5,89+2 | 2,66+2 | 2,01+2 | 5,54+1 |
| 90 | 1,81+2 | 3,99+2 | 1,63+3 | 2,20+3 | 3,28+3 | 1,60+4 | 2,41+4 | 1,63+4 | 3,51+3 | 2,38+3 | 1,75+3 | 4,09+2 |
| 95 | 1,68+3 | 3,31+3 | 1,11+4 | 1,43+4 | 1,73+4 | 5,75+4 | 8,06+4 | 5,75+4 | 1,73+4 | 1,43+4 | 1,11+4 | 3,31+3 |
| 105 | 2,52+3 | 5,10+3 | 1,79+4 | 2,34+4 | 2,89+4 | 1,12+5 | 1,65+5 | 1,12+5 | 2,89+4 | 2,34+4 | 1,79+4 | 5,10+3 |

Таблица 201 — Сентябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и Z , ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 2,49+0 | 3,63+0 | 1,72+0 | 1,75+0 | 1,73+0 | 1,61+0 | 1,52+0 | — | — |
| 50 | — | — | — | 1,82+1 | 2,63+1 | 1,17+1 | 1,17+1 | 1,17+1 | 1,17+1 | 1,11+1 | — | — |
| 53 | — | — | 2,41+0 | 4,32+1 | 6,28+1 | 2,85+1 | 2,87+1 | 2,85+1 | 2,78+1 | 2,65+1 | 1,81+0 | — |
| 55 | — | — | 4,58+0 | 6,65+1 | 9,71+1 | 4,59+1 | 4,67+1 | 4,60+1 | 4,31+1 | 4,07+1 | 3,43+0 | — |
| 57 | — | — | 7,58+0 | 7,84+1 | 1,16+2 | 5,82+1 | 6,03+1 | 5,83+1 | 5,13+1 | 4,81+1 | 5,68+0 | — |
| 59 | — | — | 1,05+1 | 9,43+1 | 1,41+2 | 7,70+1 | 8,16+1 | 7,72+1 | 6,25+1 | 5,78+1 | 7,85+0 | — |
| 61 | — | — | 1,27+1 | 1,21+2 | 1,84+2 | 1,12+2 | 1,22+2 | 1,12+2 | 8,19+1 | 7,44+1 | 9,53+0 | — |
| 63 | — | — | 1,54+1 | 1,18+2 | 1,83+2 | 1,25+2 | 1,41+2 | 1,26+2 | 8,13+1 | 7,23+1 | 1,16+1 | — |
| 65 | — | — | 2,00+1 | 9,52+1 | 1,51+2 | 1,20+2 | 1,40+2 | 1,21+2 | 6,74+1 | 5,84+1 | 1,50+1 | — |
| 67 | — | — | 1,90+1 | 7,15+1 | 1,17+2 | 1,14+2 | 1,40+2 | 1,16+2 | 5,28+1 | 4,39+1 | 1,43+1 | — |
| 69 | — | — | 1,62+1 | 5,41+1 | 9,44+1 | 1,36+2 | 1,84+2 | 1,40+2 | 4,36+1 | 3,34+1 | 1,23+1 | — |
| 71 | 1,17+0 | — | 1,37+1 | 4,11+1 | 7,73+1 | 1,74+2 | 2,58+2 | 1,83+2 | 3,76+1 | 2,57+1 | 1,06+1 | — |
| 73 | 2,13+0 | 1,50+0 | 1,19+1 | 3,15+1 | 6,49+1 | 2,33+2 | 3,74+2 | 2,51+2 | 3,52+1 | 2,04+1 | 9,60+0 | 1,91+0 |
| 75 | 3,89+0 | 2,95+0 | 1,08+1 | 2,49+1 | 5,55+1 | 2,61+2 | 4,16+2 | 2,85+2 | 3,63+1 | 1,75+1 | 9,68+0 | 3,65+0 |
| 80 | 1,74+1 | 1,60+1 | 1,84+1 | 2,48+1 | 6,86+1 | 4,40+2 | 6,42+2 | 4,81+2 | 7,98+1 | 2,84+1 | 2,41+1 | 1,86+1 |
| 85 | 7,81+1 | 9,53+1 | 1,38+2 | 1,52+2 | 3,30+2 | 1,58+3 | 2,15+3 | 1,67+3 | 4,14+2 | 1,98+2 | 1,76+2 | 1,04+2 |
| 90 | 4,08+2 | 6,32+2 | 1,38+3 | 1,63+3 | 2,27+3 | 7,02+3 | 9,28+3 | 7,13+3 | 2,43+3 | 1,77+3 | 1,48+3 | 6,48+2 |
| 95 | 2,44+3 | 3,88+3 | 8,90+3 | 1,06+4 | 1,21+4 | 2,84+4 | 3,61+4 | 2,84+4 | 1,21+4 | 1,06+4 | 8,90+3 | 3,88+3 |
| 105 | 3,58+3 | 5,90+3 | 1,43+4 | 1,73+4 | 2,08+4 | 6,68+4 | 9,27+4 | 6,68+4 | 2,08+4 | 1,73+4 | 1,43+4 | 5,90+3 |

Таблица 202 — Сентябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 2,06+0 | 3,00+0 | 1,42+0 | 1,45+0 | 1,44+0 | 1,33+0 | 1,26+0 | — | — |
| 50 | — | — | — | 6,05+0 | 8,75+0 | 3,89+0 | 3,88+0 | 3,92+0 | 3,89+0 | 3,71+0 | — | — |
| 53 | — | — | — | 1,68+1 | 2,43+1 | 1,11+1 | 1,11+1 | 1,11+1 | 1,08+1 | 1,03+1 | — | — |
| 55 | — | — | 1,43+0 | 4,07+1 | 5,95+1 | 2,82+1 | 2,86+1 | 2,83+1 | 2,64+1 | 2,50+1 | 1,07+0 | — |
| 57 | — | — | 4,25+0 | 6,26+1 | 9,24+1 | 4,65+1 | 4,81+1 | 4,67+1 | 4,10+1 | 3,84+1 | 3,18+0 | — |
| 59 | — | — | 7,80+0 | 8,88+1 | 1,33+2 | 7,26+1 | 7,68+1 | 7,29+1 | 5,90+1 | 5,45+1 | 5,84+0 | — |
| 61 | — | — | 1,13+1 | 1,33+2 | 2,02+2 | 1,22+2 | 1,33+2 | 1,23+2 | 8,96+1 | 8,14+1 | 8,49+0 | — |
| 63 | — | — | 1,57+1 | 1,47+2 | 2,28+2 | 1,57+2 | 1,76+2 | 1,58+2 | 1,02+2 | 9,03+1 | 1,18+1 | — |
| 65 | — | — | 2,31+1 | 1,33+2 | 2,11+2 | 1,67+2 | 1,96+2 | 1,69+2 | 9,41+1 | 8,15+1 | 1,74+1 | — |
| 67 | — | — | 2,43+1 | 9,97+1 | 1,65+2 | 1,71+2 | 2,14+2 | 1,74+2 | 7,45+1 | 6,13+1 | 1,83+1 | — |
| 69 | — | — | 2,17+1 | 7,55+1 | 1,34+2 | 2,09+2 | 2,90+2 | 2,17+2 | 6,18+1 | 4,66+1 | 1,65+1 | — |
| 71 | 1,17+0 | — | 1,84+1 | 5,74+1 | 1,09+2 | 2,67+2 | 4,04+2 | 2,81+2 | 5,35+1 | 3,59+1 | 1,42+1 | 1,12+0 |
| 73 | 2,13+0 | 1,69+0 | 1,59+1 | 4,40+1 | 9,24+1 | 3,73+2 | 6,15+2 | 4,02+2 | 5,05+1 | 2,86+1 | 1,29+1 | 2,15+0 |
| 75 | 3,89+0 | 3,33+0 | 1,46+1 | 3,49+1 | 7,95+1 | 4,28+2 | 7,06+2 | 4,69+2 | 5,29+1 | 2,46+1 | 1,32+1 | 4,12+0 |
| 80 | 1,74+1 | 1,80+1 | 2,55+1 | 3,55+1 | 1,01+2 | 7,60+2 | 1,15+3 | 8,30+2 | 1,19+2 | 4,12+1 | 3,36+1 | 2,10+1 |
| 85 | 7,81+1 | 1,08+2 | 1,94+2 | 2,23+2 | 5,03+2 | 3,08+3 | 4,51+3 | 3,26+3 | 6,32+2 | 2,90+2 | 2,46+2 | 1,18+2 |
| 90 | 4,08+2 | 7,13+2 | 1,94+3 | 2,39+3 | 3,48+3 | 1,44+4 | 2,06+4 | 1,46+4 | 3,73+3 | 2,59+3 | 2,08+3 | 7,32+2 |
| 95 | 2,44+3 | 4,38+3 | 1,25+4 | 1,56+4 | 1,83+4 | 5,13+4 | 6,86+4 | 5,13+4 | 1,83+4 | 1,56+4 | 1,25+4 | 4,38+3 |
| 105 | 3,58+3 | 6,66+3 | 2,01+4 | 2,54+4 | 3,06+4 | 1,01+5 | 1,40+5 | 1,01+5 | 3,06+4 | 2,54+4 | 2,01+4 | 6,66+3 |

Таблица 203 — Сентябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 1,94+0 | 2,83+0 | 1,31+0 | 1,33+0 | 1,31+0 | 1,22+0 | 1,18+0 | — | — |
| 50 | — | — | — | 1,41+1 | 2,03+1 | 8,80+0 | 8,80+0 | 8,82+0 | 8,80+0 | 8,56+0 | — | — |
| 53 | — | — | 1,69+0 | 3,46+1 | 5,02+1 | 2,22+1 | 2,24+1 | 2,23+1 | 2,17+1 | 2,11+1 | 1,35+0 | — |
| 55 | — | — | 3,25+0 | 5,49+1 | 8,01+1 | 3,70+1 | 3,77+1 | 3,71+1 | 3,47+1 | 3,34+1 | 2,60+0 | — |
| 57 | — | — | 5,57+0 | 6,40+1 | 9,44+1 | 4,64+1 | 4,80+1 | 4,65+1 | 4,09+1 | 3,90+1 | 4,46+0 | — |
| 59 | — | — | 7,72+0 | 7,56+1 | 1,13+2 | 6,02+1 | 6,38+1 | 6,04+1 | 4,89+1 | 4,60+1 | 6,17+0 | — |
| 61 | — | — | 9,28+0 | 9,85+1 | 1,50+2 | 8,85+1 | 9,64+1 | 8,88+1 | 6,48+1 | 6,00+1 | 7,43+0 | — |
| 63 | — | — | 1,11+1 | 1,04+2 | 1,60+2 | 1,07+2 | 1,21+2 | 1,08+2 | 6,96+1 | 6,31+1 | 8,93+0 | — |
| 65 | — | — | 1,50+1 | 9,64+1 | 1,53+2 | 1,18+2 | 1,38+2 | 1,19+2 | 6,65+1 | 5,87+1 | 1,20+1 | — |
| 67 | — | — | 1,58+1 | 7,23+1 | 1,20+2 | 1,26+2 | 1,59+2 | 1,28+2 | 5,28+1 | 4,41+1 | 1,27+1 | — |
| 69 | — | — | 1,44+1 | 5,47+1 | 9,74+1 | 1,57+2 | 2,21+2 | 1,61+2 | 4,38+1 | 3,36+1 | 1,16+1 | — |
| 71 | — | — | 1,22+1 | 4,16+1 | 7,95+1 | 1,96+2 | 3,03+2 | 2,05+2 | 3,74+1 | 2,58+1 | 9,98+0 | — |
| 73 | — | — | 1,05+1 | 3,18+1 | 6,64+1 | 2,63+2 | 4,42+2 | 2,82+2 | 3,46+1 | 2,04+1 | 8,94+0 | — |
| 75 | 1,34+0 | 1,39+0 | 9,48+0 | 2,51+1 | 5,63+1 | 2,92+2 | 4,91+2 | 3,19+2 | 3,51+1 | 1,73+1 | 8,82+0 | 1,72+0 |
| 80 | 6,00+0 | 7,51+0 | 1,55+1 | 2,39+1 | 6,62+1 | 4,97+2 | 7,68+2 | 5,42+2 | 7,49+1 | 2,68+1 | 2,03+1 | 8,74+0 |
| 85 | 2,69+1 | 4,49+1 | 1,14+2 | 1,41+2 | 3,11+2 | 1,77+3 | 2,55+3 | 1,87+3 | 3,89+2 | 1,83+2 | 1,45+2 | 4,90+1 |
| 90 | 1,80+2 | 3,53+2 | 1,17+3 | 1,51+3 | 2,15+3 | 7,88+3 | 1,09+4 | 8,01+3 | 2,30+3 | 1,64+3 | 1,26+3 | 3,62+2 |
| 95 | 1,68+3 | 2,94+3 | 7,96+3 | 9,82+3 | 1,15+4 | 3,22+4 | 4,29+4 | 3,22+4 | 1,15+4 | 9,82+3 | 7,96+3 | 2,94+3 |
| 105 | 2,52+3 | 4,53+3 | 1,29+4 | 1,60+4 | 1,98+4 | 7,56+4 | 1,10+5 | 7,56+4 | 1,98+4 | 1,60+4 | 1,29+4 | 4,53+3 |

ГОСТ Р 25645.157-94

Таблица 204 — Сентябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 137,0° | 120,0° | 95,0° | 90,0° | 85,0° | 50,0° | 37,0° | 50,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h, ч | | | | | | | | | | | |
| | 0,0 | 3,0 | 5,4 | 5,8 | 6,3 | 9,5 | 12,0 | 14,5 | 17,7 | 18,2 | 18,6 | 21,0 |
| 45 | — | — | — | 1,59+0 | 2,33+0 | 1,08+0 | 1,09+0 | 1,09+0 | 1,01+0 | — | — | — |
| 50 | — | — | — | 4,79+0 | 6,92+0 | 3,00+0 | 2,99+0 | 3,03+0 | 3,00+0 | 2,91+0 | — | — |
| 53 | — | — | — | 1,43+1 | 2,08+1 | 9,21+0 | 9,25+0 | 9,27+0 | 9,00+0 | 8,72+0 | — | — |
| 55 | — | — | 1,08+0 | 3,52+1 | 5,14+1 | 2,38+1 | 2,42+1 | 2,39+1 | 2,23+1 | 2,15+1 | — | — |
| 57 | — | — | 3,28+0 | 5,21+1 | 7,67+1 | 3,77+1 | 3,90+1 | 3,79+1 | 3,33+1 | 3,17+1 | 2,63+0 | — |
| 59 | — | — | 5,88+0 | 7,15+1 | 1,07+2 | 5,70+1 | 6,03+1 | 5,73+1 | 4,63+1 | 4,35+1 | 4,71+0 | — |
| 61 | — | — | 8,34+0 | 1,07+2 | 1,63+2 | 9,64+1 | 1,05+2 | 9,69+1 | 7,07+1 | 6,54+1 | 6,68+0 | — |
| 63 | — | — | 1,13+1 | 1,28+2 | 1,99+2 | 1,33+2 | 1,50+2 | 1,34+2 | 8,63+1 | 7,81+1 | 9,08+0 | — |
| 65 | — | — | 1,72+1 | 1,33+2 | 2,11+2 | 1,64+2 | 1,92+2 | 1,65+2 | 9,21+1 | 8,13+1 | 1,38+1 | — |
| 67 | — | — | 2,00+1 | 1,00+2 | 1,68+2 | 1,87+2 | 2,41+2 | 1,90+2 | 7,39+1 | 6,11+1 | 1,61+1 | — |
| 69 | — | — | 1,92+1 | 7,58+1 | 1,37+2 | 2,41+2 | 3,47+2 | 2,48+2 | 6,16+1 | 4,65+1 | 1,55+1 | — |
| 71 | — | — | 1,62+1 | 5,76+1 | 1,12+2 | 3,02+2 | 4,77+2 | 3,17+2 | 5,29+1 | 3,58+1 | 1,33+1 | — |
| 73 | — | — | 1,40+1 | 4,42+1 | 9,41+1 | 4,21+2 | 7,29+2 | 4,52+2 | 4,95+1 | 2,83+1 | 1,20+1 | 1,01+0 |
| 75 | 1,34+0 | 1,57+0 | 1,27+1 | 3,49+1 | 8,03+1 | 4,81+2 | 8,35+2 | 5,25+2 | 5,10+1 | 2,42+1 | 1,19+1 | 1,94+0 |
| 80 | 6,00+0 | 8,49+0 | 2,14+1 | 3,42+1 | 9,77+1 | 8,54+2 | 1,37+3 | 9,32+2 | 1,12+2 | 3,90+1 | 2,83+1 | 9,88+0 |
| 85 | 2,69+1 | 5,07+1 | 1,60+2 | 2,08+2 | 4,75+2 | 3,46+3 | 5,33+3 | 3,65+3 | 5,95+2 | 2,70+2 | 2,03+2 | 5,54+1 |
| 90 | 1,80+2 | 3,99+2 | 1,65+3 | 2,23+3 | 3,31+3 | 1,63+4 | 2,45+4 | 1,65+4 | 3,55+3 | 2,41+3 | 1,77+3 | 4,09+2 |
| 95 | 1,68+3 | 3,32+3 | 1,12+4 | 1,45+4 | 1,75+4 | 5,84+4 | 8,20+4 | 5,84+4 | 1,75+4 | 1,45+4 | 1,12+4 | 3,32+3 |
| 105 | 2,52+3 | 5,12+3 | 1,81+4 | 2,36+4 | 2,93+4 | 1,14+5 | 1,68+5 | 1,14+5 | 2,93+4 | 2,36+4 | 1,81+4 | 5,12+3 |

Таблица 205 — Сентябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и z , ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 2,35+0 | 3,42+0 | 2,05+0 | 1,73+0 | 1,67+0 | 1,60+0 | 1,51+0 | — | — |
| 50 | — | — | — | 1,72+1 | 2,47+1 | 1,45+1 | 1,15+1 | 1,16+1 | 1,15+1 | 1,10+1 | — | — |
| 53 | — | — | 2,10+0 | 4,09+1 | 5,91+1 | 3,50+1 | 2,84+1 | 2,80+1 | 2,76+1 | 2,63+1 | 1,64+0 | — |
| 55 | — | — | 3,99+0 | 6,29+1 | 9,15+1 | 5,49+1 | 4,63+1 | 4,40+1 | 4,27+1 | 4,04+1 | 3,12+0 | — |
| 57 | — | — | 6,62+0 | 7,42+1 | 1,09+2 | 6,69+1 | 5,97+1 | 5,36+1 | 5,10+1 | 4,77+1 | 5,18+0 | — |
| 59 | — | — | 9,19+0 | 8,92+1 | 1,33+2 | 8,38+1 | 8,08+1 | 6,74+1 | 6,21+1 | 5,73+1 | 7,18+0 | — |
| 61 | — | — | 1,12+1 | 1,15+2 | 1,74+2 | 1,14+2 | 1,21+2 | 9,16+1 | 8,14+1 | 7,38+1 | 8,76+0 | — |
| 63 | — | — | 1,37+1 | 1,12+2 | 1,73+2 | 1,18+2 | 1,41+2 | 9,59+1 | 8,12+1 | 7,20+1 | 1,07+1 | — |
| 65 | — | — | 1,78+1 | 9,09+1 | 1,44+2 | 1,04+2 | 1,40+2 | 8,55+1 | 6,78+1 | 5,85+1 | 1,40+1 | — |
| 67 | — | — | 1,72+1 | 6,82+1 | 1,12+2 | 8,72+1 | 1,40+2 | 7,44+1 | 5,32+1 | 4,40+1 | 1,35+1 | — |
| 69 | — | — | 1,48+1 | 5,17+1 | 9,09+1 | 8,26+1 | 1,85+2 | 7,47+1 | 4,41+1 | 3,34+1 | 1,17+1 | — |
| 71 | 1,03+0 | — | 1,26+1 | 3,92+1 | 7,49+1 | 8,26+1 | 2,59+2 | 8,16+1 | 3,82+1 | 2,57+1 | 1,02+1 | — |
| 73 | 1,88+0 | 1,46+0 | 1,10+1 | 3,01+1 | 6,32+1 | 8,89+1 | 3,76+2 | 9,80+1 | 3,57+1 | 2,04+1 | 9,27+0 | 1,76+0 |
| 75 | 3,43+0 | 2,82+0 | 1,01+1 | 2,38+1 | 5,42+1 | 9,56+1 | 4,18+2 | 1,16+2 | 3,67+1 | 1,74+1 | 9,38+0 | 3,35+0 |
| 80 | 1,54+1 | 1,47+1 | 1,76+1 | 2,39+1 | 6,78+1 | 1,84+2 | 6,45+2 | 2,41+2 | 7,96+1 | 2,79+1 | 2,32+1 | 1,66+1 |
| 85 | 6,89+1 | 8,28+1 | 1,32+2 | 1,48+2 | 3,28+2 | 7,55+2 | 2,17+3 | 9,03+2 | 4,11+2 | 1,92+2 | 1,67+2 | 8,89+1 |
| 90 | 3,67+2 | 5,31+2 | 1,31+3 | 1,59+3 | 2,24+3 | 3,60+3 | 9,33+3 | 3,79+3 | 2,40+3 | 1,72+3 | 1,40+3 | 5,42+2 |
| 95 | 2,30+3 | 3,36+3 | 8,48+3 | 1,03+4 | 1,20+4 | 1,60+4 | 3,63+4 | 1,60+4 | 1,20+4 | 1,03+4 | 8,48+3 | 3,36+3 |
| 105 | 3,39+3 | 5,08+3 | 1,37+4 | 1,68+4 | 2,06+4 | 3,06+4 | 9,32+4 | 3,06+4 | 2,06+4 | 1,68+4 | 1,37+4 | 5,08+3 |

Таблица 206 — Сентябрь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 1,94+0 | 2,83+0 | 1,70+0 | 1,43+0 | 1,40+0 | 1,32+0 | 1,25+0 | — | — |
| 50 | — | — | — | 5,72+0 | 8,23+0 | 4,85+0 | 3,84+0 | 3,99+0 | 3,85+0 | 3,68+0 | — | — |
| 53 | — | — | — | 1,59+1 | 2,30+1 | 1,36+1 | 1,10+1 | 1,11+1 | 1,07+1 | 1,02+1 | — | — |
| 55 | — | — | — | 3,74+0 | 5,93+1 | 8,72+1 | 5,35+1 | 4,77+1 | 4,32+1 | 4,07+1 | — | — |
| 57 | — | — | 1,27+0 | 3,86+1 | 5,62+1 | 3,38+1 | 2,84+1 | 2,73+1 | 2,63+1 | 2,48+1 | — | — |
| 59 | — | — | 6,87+0 | 8,41+1 | 1,25+2 | 7,91+1 | 7,62+1 | 6,39+1 | 5,86+1 | 5,40+1 | 2,93+0 | — |
| 61 | — | — | 1,00+1 | 1,26+2 | 1,91+2 | 1,25+2 | 1,32+2 | 1,01+2 | 8,92+1 | 8,08+1 | 7,82+0 | — |
| 63 | — | — | 1,39+1 | 1,40+2 | 2,17+2 | 1,48+2 | 1,75+2 | 1,20+2 | 1,01+2 | 8,99+1 | 1,09+1 | — |
| 65 | — | — | 2,06+1 | 1,27+2 | 2,01+2 | 1,45+2 | 1,96+2 | 1,20+2 | 9,47+1 | 8,16+1 | 1,61+1 | — |
| 67 | — | — | 2,18+1 | 9,52+1 | 1,58+2 | 1,26+2 | 2,14+2 | 1,08+2 | 7,51+1 | 6,13+1 | 1,71+1 | — |
| 69 | — | — | 1,98+1 | 7,21+1 | 1,29+2 | 1,21+2 | 2,91+2 | 1,10+2 | 6,26+1 | 4,67+1 | 1,56+1 | — |
| 71 | 1,03+0 | — | 1,69+1 | 5,48+1 | 1,06+2 | 1,21+2 | 4,06+2 | 1,20+2 | 5,43+1 | 3,59+1 | 1,36+1 | 1,02+0 |
| 73 | 1,88+0 | 1,60+0 | 1,48+1 | 4,21+1 | 9,01+1 | 1,33+2 | 6,18+2 | 1,48+2 | 5,14+1 | 2,85+1 | 1,25+1 | 1,94+0 |
| 75 | 3,43+0 | 3,11+0 | 1,36+1 | 3,33+1 | 7,79+1 | 1,45+2 | 7,10+2 | 1,78+2 | 5,35+1 | 2,45+1 | 1,27+1 | 3,69+0 |
| 80 | 1,54+1 | 1,62+1 | 2,43+1 | 3,43+1 | 1,00+2 | 2,88+2 | 1,16+3 | 3,78+2 | 1,19+2 | 4,04+1 | 3,21+1 | 1,83+1 |
| 85 | 6,89+1 | 9,13+1 | 1,84+2 | 2,17+2 | 5,00+2 | 1,25+3 | 4,53+3 | 1,50+3 | 6,28+2 | 2,82+2 | 2,33+2 | 9,80+1 |
| 90 | 3,67+2 | 5,85+2 | 1,83+3 | 2,33+3 | 3,46+3 | 6,11+3 | 2,07+4 | 6,44+3 | 3,71+3 | 2,52+3 | 1,96+3 | 5,97+2 |
| 95 | 2,30+3 | 3,70+3 | 1,18+4 | 1,51+4 | 1,81+4 | 2,57+4 | 6,90+4 | 2,57+4 | 1,81+4 | 1,51+4 | 1,18+4 | 3,70+3 |
| 105 | 3,39+3 | 5,60+3 | 1,91+4 | 2,47+4 | 3,03+4 | 4,53+4 | 1,41+5 | 4,53+4 | 3,03+4 | 2,47+4 | 1,91+4 | 5,60+3 |

Таблица 207 — Сентябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 3,62+0 | 5,26+0 | 3,21+0 | 2,72+0 | 2,69+0 | 2,51+0 | 2,29+0 | — | — |
| 50 | — | — | 1,66+0 | 2,65+1 | 3,82+1 | 2,28+1 | 1,82+1 | 1,86+1 | 1,82+1 | 1,68+1 | 1,16+0 | — |
| 53 | — | — | 4,61+0 | 6,21+1 | 8,97+1 | 5,39+1 | 4,40+1 | 4,38+1 | 4,27+1 | 3,93+1 | 3,22+0 | — |
| 55 | — | — | 8,70+0 | 9,39+1 | 1,37+2 | 8,32+1 | 7,06+1 | 6,77+1 | 6,51+1 | 5,95+1 | 6,08+0 | — |
| 57 | — | — | 1,42+1 | 1,12+2 | 1,64+2 | 1,02+2 | 9,16+1 | 8,34+1 | 7,82+1 | 7,07+1 | 9,91+0 | — |
| 59 | — | — | 1,97+1 | 1,36+2 | 2,02+2 | 1,30+2 | 1,25+2 | 1,06+2 | 9,65+1 | 8,59+1 | 1,37+1 | — |
| 61 | 1,16+0 | — | 2,41+1 | 1,73+2 | 2,63+2 | 1,75+2 | 1,86+2 | 1,44+2 | 1,26+2 | 1,10+2 | 1,69+1 | — |
| 63 | 2,12+0 | — | 2,99+1 | 1,54+2 | 2,39+3 | 1,66+2 | 1,97+2 | 1,40+2 | 1,15+2 | 9,78+1 | 2,09+1 | 1,00+0 |
| 65 | 3,85+0 | 1,45+0 | 3,72+1 | 1,09+2 | 1,73+2 | 1,27+2 | 1,71+2 | 1,14+2 | 8,40+1 | 6,91+1 | 2,61+1 | 1,91+0 |
| 67 | 7,02+0 | 2,81+0 | 3,21+1 | 8,17+1 | 1,33+2 | 1,07+2 | 1,54+2 | 1,02+2 | 6,65+1 | 5,22+1 | 2,27+1 | 3,62+0 |
| 69 | 1,28+1 | 5,44+0 | 2,62+1 | 6,20+1 | 1,09+2 | 1,05+2 | 1,96+2 | 1,12+2 | 5,75+1 | 4,01+1 | 1,89+1 | 6,86+0 |
| 71 | 2,33+1 | 1,05+1 | 2,28+1 | 4,76+1 | 9,17+1 | 1,15+2 | 2,76+2 | 1,38+2 | 5,46+1 | 3,18+1 | 1,74+1 | 1,30+1 |
| 73 | 4,25+1 | 2,04+1 | 2,08+1 | 3,75+1 | 8,18+1 | 1,40+2 | 3,97+2 | 1,85+2 | 5,96+1 | 2,73+1 | 1,80+1 | 2,47+1 |
| 75 | 7,74+1 | 3,95+1 | 2,15+1 | 3,20+1 | 7,89+1 | 1,72+2 | 4,43+2 | 2,40+2 | 7,44+1 | 2,75+1 | 2,26+1 | 4,69+1 |
| 80 | 3,47+2 | 2,06+2 | 6,44+1 | 5,71+1 | 1,62+2 | 4,00+2 | 6,68+2 | 5,38+2 | 2,22+2 | 7,92+1 | 9,15+1 | 2,32+2 |
| 85 | 1,55+3 | 1,16+3 | 5,64+2 | 4,88+2 | 9,52+2 | 1,71+3 | 2,28+3 | 2,05+3 | 1,21+3 | 6,42+2 | 7,18+2 | 1,24+3 |
| 90 | 7,01+3 | 6,53+3 | 5,49+3 | 5,30+3 | 6,55+3 | 8,09+3 | 9,89+3 | 8,52+3 | 7,03+3 | 5,74+3 | 5,89+3 | 6,67+3 |
| 95 | 2,48+4 | 2,70+4 | 3,29+4 | 3,43+4 | 3,47+4 | 3,56+4 | 3,81+4 | 3,56+4 | 3,47+4 | 3,43+4 | 3,29+4 | 2,70+4 |
| 105 | 3,50+4 | 3,94+4 | 5,27+4 | 5,60+4 | 5,98+4 | 6,80+4 | 9,76+4 | 6,80+4 | 5,98+4 | 5,60+4 | 5,27+4 | 3,94+4 |

ГОСТ Р 25645.157—94

Таблица 208 — Сентябрь, $\bar{W}=100$, $\varphi=45^\circ$ с ш, $\lambda=285^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 3,00+0 | 4,37+0 | 2,68+0 | 2,26+0 | 2,31+0 | 2,08+0 | 1,90+0 | — | — |
| 50 | — | — | — | 8,74+0 | 1,26+1 | 7,57+0 | 5,99+0 | 6,54+0 | 6,02+0 | 5,54+0 | — | — |
| 53 | — | — | 1,76+0 | 2,33+1 | 3,37+1 | 2,04+1 | 1,65+1 | 1,72+1 | 1,61+1 | 1,48+1 | 1,23+0 | — |
| 55 | — | — | 2,68+0 | 5,62+1 | 8,19+1 | 5,00+1 | 4,23+1 | 4,16+1 | 3,91+1 | 3,56+1 | 1,87+0 | — |
| 57 | — | — | 7,81+0 | 8,83+1 | 1,30+2 | 8,11+1 | 7,25+1 | 6,73+1 | 6,21+1 | 5,60+1 | 5,46+0 | — |
| 59 | — | — | 1,45+1 | 1,27+2 | 1,90+2 | 1,22+2 | 1,18+2 | 1,02+2 | 9,09+1 | 8,08+1 | 1,02+1 | — |
| 61 | 1,16+0 | — | 2,14+1 | 1,90+2 | 2,88+2 | 1,92+2 | 2,04+2 | 1,60+2 | 1,38+2 | 1,20+2 | 1,50+1 | — |
| 63 | 2,11+0 | — | 3,04+1 | 1,93+2 | 2,99+2 | 2,08+2 | 2,47+2 | 1,77+2 | 1,44+2 | 1,22+2 | 2,13+1 | 1,10+0 |
| 65 | 3,85+0 | 1,60+0 | 4,30+1 | 1,51+2 | 2,40+2 | 1,79+2 | 2,38+2 | 1,59+2 | 1,17+2 | 9,60+1 | 3,02+1 | 2,10+0 |
| 67 | 7,02+0 | 3,09+0 | 4,09+1 | 1,14+2 | 1,87+2 | 1,54+2 | 2,35+2 | 1,48+2 | 9,37+1 | 7,25+1 | 2,89+1 | 3,98+0 |
| 69 | 1,28+1 | 5,98+0 | 3,49+1 | 8,62+1 | 1,53+2 | 1,54+2 | 3,09+2 | 1,65+2 | 8,16+1 | 5,58+1 | 2,53+1 | 7,55+0 |
| 71 | 2,33+1 | 1,16+1 | 3,04+1 | 6,61+1 | 1,29+2 | 1,69+2 | 4,29+2 | 2,04+2 | 7,78+1 | 4,44+1 | 2,33+1 | 1,43+1 |
| 73 | 4,25+1 | 2,24+1 | 2,79+1 | 5,23+1 | 1,17+2 | 2,10+2 | 6,49+2 | 2,80+2 | 8,61+1 | 3,82+1 | 2,43+1 | 2,72+1 |
| 75 | 7,74+1 | 4,34+1 | 2,90+1 | 4,48+1 | 1,14+2 | 2,63+2 | 7,50+2 | 3,67+2 | 1,09+2 | 3,89+1 | 3,08+1 | 5,15+1 |
| 80 | 3,47+2 | 2,26+2 | 8,89+1 | 8,23+1 | 2,40+2 | 6,28+2 | 1,21+3 | 8,46+2 | 3,31+2 | 1,15+2 | 1,27+2 | 2,55+2 |
| 85 | 1,55+3 | 1,27+3 | 7,83+2 | 7,11+2 | 1,45+3 | 2,82+3 | 4,77+3 | 3,38+3 | 1,84+3 | 9,35+2 | 9,96+2 | 1,37+3 |
| 90 | 7,01+3 | 7,19+3 | 7,62+3 | 7,72+3 | 1,00+4 | 1,36+4 | 2,17+4 | 1,43+4 | 1,08+4 | 8,36+3 | 8,17+3 | 7,33+3 |
| 95 | 2,48+4 | 2,96+4 | 4,56+4 | 5,00+4 | 5,21+4 | 5,66+4 | 7,15+4 | 5,66+4 | 5,21+4 | 5,00+4 | 4,56+4 | 2,96+4 |
| 105 | 3,50+4 | 4,34+4 | 7,31+4 | 8,16+4 | 8,74+4 | 1,00+5 | 1,47+5 | 1,00+5 | 8,74+4 | 8,16+4 | 7,31+4 | 4,34+4 |

Таблица 209 — Сентябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 2,24+0 | 3,26+0 | 1,95+0 | 1,64+0 | 1,58+0 | 1,52+0 | 1,44+0 | — | — |
| 50 | — | — | — | 1,64+1 | 2,36+1 | 1,38+1 | 1,09+1 | 1,10+1 | 1,09+1 | 1,05+1 | — | — |
| 53 | — | — | 1,88+0 | 3,92+1 | 5,66+1 | 3,34+1 | 2,71+1 | 2,67+1 | 2,63+1 | 2,52+1 | 1,50+0 | — |
| 55 | — | — | 3,57+0 | 6,06+1 | 8,81+1 | 5,27+1 | 4,44+1 | 4,21+1 | 4,10+1 | 3,90+1 | 2,85+0 | — |
| 57 | — | — | 5,96+0 | 7,14+1 | 1,05+2 | 6,40+1 | 5,71+1 | 5,13+1 | 4,87+1 | 4,59+1 | 4,75+0 | — |
| 59 | — | — | 8,27+0 | 8,55+1 | 1,27+2 | 8,00+1 | 7,71+1 | 6,42+1 | 5,92+1 | 5,50+1 | 6,59+0 | — |
| 61 | — | — | 1,01+1 | 1,10+2 | 1,67+2 | 1,09+2 | 1,15+2 | 8,75+1 | 7,79+1 | 7,10+1 | 8,03+0 | — |
| 63 | — | — | 1,23+1 | 1,09+2 | 1,69+2 | 1,15+2 | 1,37+2 | 9,30+1 | 7,89+1 | 7,04+1 | 9,79+0 | — |
| 65 | — | — | 1,61+1 | 9,13+1 | 1,45+2 | 1,04+2 | 1,40+2 | 8,51+1 | 6,77+1 | 5,87+1 | 1,29+1 | — |
| 67 | — | — | 1,58+1 | 6,85+1 | 1,13+2 | 8,79+1 | 1,44+2 | 7,44+1 | 5,33+1 | 4,41+1 | 1,27+1 | — |
| 69 | — | — | 1,38+1 | 5,19+1 | 9,16+1 | 8,32+1 | 1,91+2 | 7,43+1 | 4,41+1 | 3,36+1 | 1,11+1 | — |
| 71 | — | — | 1,18+1 | 3,94+1 | 7,53+1 | 8,26+1 | 2,67+2 | 8,02+1 | 3,79+1 | 2,58+1 | 9,65+0 | — |
| 73 | 1,10+0 | — | 1,03+1 | 3,02+1 | 6,33+1 | 8,81+1 | 3,88+2 | 9,53+1 | 3,51+1 | 2,03+1 | 8,73+0 | 1,15+0 |
| 75 | 2,00+0 | 1,84+0 | 9,38+0 | 2,38+1 | 5,40+1 | 9,35+1 | 4,31+2 | 1,12+2 | 3,55+1 | 1,72+1 | 8,69+0 | 2,18+0 |
| 80 | 8,95+0 | 9,58+0 | 1,55+1 | 2,28+1 | 6,46+1 | 1,76+2 | 6,68+2 | 2,29+2 | 7,42+1 | 2,61+1 | 2,03+1 | 1,08+1 |
| 85 | 4,01+1 | 5,40+1 | 1,14+2 | 1,36+2 | 3,04+2 | 7,18+2 | 2,23+3 | 8,58+2 | 3,80+2 | 1,76+2 | 1,44+2 | 5,80+1 |
| 90 | 2,38+2 | 3,76+2 | 1,15+3 | 1,45+3 | 2,08+3 | 3,43+3 | 9,61+3 | 3,62+3 | 2,23+3 | 1,57+3 | 1,23+3 | 3,84+2 |
| 95 | 1,87+3 | 2,81+3 | 7,65+3 | 9,44+3 | 1,11+4 | 1,53+4 | 3,75+4 | 1,53+4 | 1,11+4 | 9,44+3 | 7,65+3 | 2,81+3 |
| 105 | 2,78+3 | 4,29+3 | 1,23+4 | 1,54+4 | 1,91+4 | 2,92+4 | 9,62+4 | 2,92+4 | 1,91+4 | 1,54+4 | 1,23+4 | 4,29+3 |

Таблица 210 — Сентябрь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 132,0° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 42,0° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 2,7 | 5,3 | 5,8 | 6,3 | 7,1 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 | 21,2 |
| 45 | — | — | — | 1,85+0 | 2,69+0 | 1,62+0 | 1,36+0 | 1,32+0 | 1,25+0 | 1,19+0 | — | — |
| 50 | — | — | — | 5,47+0 | 7,87+0 | 4,63+0 | 3,66+0 | 3,79+0 | 3,66+0 | 3,52+0 | — | — |
| 53 | — | — | — | 1,54+1 | 2,22+1 | 1,31+1 | 1,06+1 | 1,07+1 | 1,03+1 | 9,89+0 | — | — |
| 55 | — | — | 1,15+0 | 3,75+1 | 5,45+1 | 3,27+1 | 2,75+1 | 2,63+1 | 2,54+1 | 2,41+1 | — | — |
| 57 | — | — | 3,40+0 | 5,72+1 | 8,40+1 | 5,14+1 | 4,58+1 | 4,14+1 | 3,91+1 | 3,68+1 | 2,71+0 | — |
| 59 | — | — | 6,21+0 | 8,06+1 | 1,20+2 | 7,55+1 | 7,26+1 | 6,09+1 | 5,59+1 | 5,18+1 | 4,95+0 | — |
| 61 | — | — | 9,00+0 | 1,21+2 | 1,83+2 | 1,19+2 | 1,26+2 | 9,62+1 | 8,53+1 | 7,77+1 | 7,18+0 | — |
| 63 | — | — | 1,25+1 | 1,37+2 | 2,11+2 | 1,44+2 | 1,70+2 | 1,17+2 | 9,85+1 | 8,78+1 | 9,96+0 | — |
| 65 | — | — | 1,86+1 | 1,27+2 | 2,02+2 | 1,45+2 | 1,96+2 | 1,19+2 | 9,45+1 | 8,19+1 | 1,48+1 | — |
| 67 | — | — | 2,01+1 | 9,56+1 | 1,59+2 | 1,27+2 | 2,20+2 | 1,08+2 | 7,52+1 | 6,16+1 | 1,61+1 | — |
| 69 | — | — | 1,85+1 | 7,23+1 | 1,30+2 | 1,21+2 | 3,01+2 | 1,09+2 | 6,25+1 | 4,68+1 | 1,49+1 | — |
| 71 | — | — | 1,58+1 | 5,49+1 | 1,07+2 | 1,21+2 | 4,18+2 | 1,18+2 | 5,39+1 | 3,60+1 | 1,29+1 | — |
| 73 | 1,10+0 | 1,05+0 | 1,37+1 | 4,21+1 | 9,03+1 | 1,32+2 | 6,38+2 | 1,43+2 | 5,05+1 | 2,84+1 | 1,17+1 | 1,27+0 |
| 75 | 2,00+0 | 2,03+0 | 1,26+1 | 3,33+1 | 7,75+1 | 1,42+2 | 7,32+2 | 1,72+2 | 5,17+1 | 2,42+1 | 1,18+1 | 2,40+0 |
| 80 | 8,95+0 | 1,06+1 | 2,14+1 | 3,27+1 | 9,56+1 | 2,75+2 | 1,20+3 | 3,60+2 | 1,11+2 | 3,78+1 | 2,81+1 | 1,19+1 |
| 85 | 4,01+1 | 5,95+1 | 1,59+2 | 1,99+2 | 4,65+2 | 1,19+3 | 4,67+3 | 1,43+3 | 5,82+2 | 2,58+2 | 2,01+2 | 6,39+1 |
| 90 | 2,38+2 | 4,15+2 | 1,60+3 | 2,14+3 | 3,21+3 | 5,83+3 | 2,14+4 | 6,14+3 | 3,44+3 | 2,31+3 | 1,72+3 | 4,23+2 |
| 95 | 1,87+3 | 3,10+3 | 1,07+4 | 1,39+4 | 1,68+4 | 2,45+4 | 7,14+4 | 2,45+4 | 1,68+4 | 1,39+4 | 1,07+4 | 3,10+3 |
| 105 | 2,78+3 | 4,73+3 | 1,72+4 | 2,27+4 | 2,82+4 | 4,33+4 | 1,46+5 | 4,33+4 | 2,82+4 | 2,27+4 | 1,72+4 | 4,73+3 |

Таблица 211 — Сентябрь, $\overline{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 1,62+0 | 2,34+0 | 1,43+0 | 1,22+0 | 1,18+0 | 1,13+0 | 1,09+0 | — |
| 50 | — | — | 1,17+1 | 1,68+1 | 9,98+0 | 8,09+0 | 8,16+0 | 8,09+0 | 7,88+0 | — |
| 53 | — | 1,20+0 | 2,92+1 | 4,19+1 | 2,52+1 | 2,08+1 | 2,05+1 | 2,02+1 | 1,96+1 | 1,04+0 |
| 55 | — | 2,31+0 | 4,69+1 | 6,77+1 | 4,13+1 | 3,54+1 | 3,37+1 | 3,27+1 | 3,15+1 | 2,01+0 |
| 57 | — | 4,01+0 | 5,45+1 | 7,96+1 | 4,97+1 | 4,50+1 | 4,06+1 | 3,85+1 | 3,66+1 | 3,49+0 |
| 59 | — | 5,61+0 | 6,40+1 | 9,49+1 | 6,10+1 | 5,95+1 | 5,01+1 | 4,59+1 | 4,30+1 | 4,88+0 |
| 61 | — | 6,81+0 | 8,34+1 | 1,26+2 | 8,43+1 | 8,99+1 | 6,93+1 | 6,10+1 | 5,60+1 | 5,93+0 |
| 63 | — | 8,25+0 | 8,94+1 | 1,38+2 | 9,68+1 | 1,15+2 | 8,00+1 | 6,69+1 | 6,00+1 | 7,18+0 |
| 65 | — | 1,13+1 | 8,63+1 | 1,37+2 | 1,01+2 | 1,37+2 | 8,48+1 | 6,66+1 | 5,80+1 | 9,82+0 |
| 67 | — | 1,24+1 | 6,48+1 | 1,09+2 | 9,22+1 | 1,64+2 | 7,92+1 | 5,36+1 | 4,36+1 | 1,08+1 |
| 69 | — | 1,17+1 | 4,90+1 | 9,00+1 | 9,07+1 | 2,32+2 | 8,21+1 | 4,50+1 | 3,31+1 | 1,03+1 |
| 71 | — | 1,01+1 | 3,72+1 | 7,43+1 | 9,08+1 | 3,15+2 | 8,89+1 | 3,90+1 | 2,55+1 | 9,04+0 |
| 73 | — | 8,96+0 | 2,86+1 | 6,31+1 | 9,87+1 | 4,61+2 | 1,07+2 | 3,65+1 | 2,02+1 | 8,28+0 |
| 75 | 1,33+0 | 8,35+0 | 2,27+1 | 5,43+1 | 1,05+2 | 5,12+2 | 1,26+2 | 3,73+1 | 1,72+1 | 8,36+0 |
| 80 | 5,94+0 | 1,50+1 | 2,31+1 | 6,84+1 | 2,01+2 | 8,01+2 | 2,60+2 | 8,03+1 | 2,74+1 | 2,00+1 |
| 85 | 2,66+1 | 1,12+2 | 1,45+2 | 3,32+2 | 8,26+2 | 2,66+3 | 9,80+2 | 4,15+2 | 1,89+2 | 1,41+2 |
| 90 | 1,80+2 | 1,14+3 | 1,55+3 | 2,29+3 | 3,99+3 | 1,14+4 | 4,19+3 | 2,45+3 | 1,68+3 | 1,22+3 |
| 95 | 1,68+3 | 7,78+3 | 1,01+4 | 1,22+4 | 1,77+4 | 4,47+4 | 1,77+4 | 1,22+4 | 1,01+4 | 7,78+3 |
| 105 | 2,52+3 | 1,25+4 | 1,65+4 | 2,11+4 | 3,44+4 | 1,15+5 | 3,44+4 | 2,11+4 | 1,65+4 | 1,25+4 |

Таблица 212 — Сентябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 1,33+0 | 1,92+0 | 1,18+0 | 1,01+0 | — | — | — | — |
| 50 | — | — | 4,03+0 | 5,75+0 | 3,44+0 | 2,77+0 | 2,89+0 | 2,78+0 | 2,70+0 | — |
| 53 | — | — | 1,24+1 | 1,77+1 | 1,07+1 | 8,80+0 | 8,85+0 | 8,57+0 | 8,30+0 | — |
| 55 | — | — | 3,05+1 | 4,41+1 | 2,70+1 | 2,31+1 | 2,22+1 | 2,13+1 | 2,05+1 | — |
| 57 | — | 2,44+0 | 4,46+1 | 6,51+1 | 4,07+1 | 3,68+1 | 3,35+1 | 3,15+1 | 2,99+1 | 2,13+0 |
| 59 | — | 4,34+0 | 6,06+1 | 8,99+1 | 5,79+1 | 5,63+1 | 4,78+1 | 4,35+1 | 4,07+1 | 3,78+0 |
| 61 | — | 6,15+0 | 9,07+1 | 1,37+2 | 9,18+1 | 9,78+1 | 7,58+1 | 6,64+1 | 6,10+1 | 5,36+0 |
| 63 | — | 8,38+0 | 1,10+2 | 1,71+2 | 1,20+2 | 1,42+2 | 9,92+1 | 8,27+1 | 7,41+1 | 7,31+0 |
| 65 | — | 1,29+1 | 1,19+2 | 1,89+2 | 1,40+2 | 1,88+2 | 1,17+2 | 9,19+1 | 8,00+1 | 1,12+1 |
| 67 | — | 1,55+1 | 8,93+1 | 1,53+2 | 1,31+2 | 2,47+2 | 1,13+2 | 7,49+1 | 6,01+1 | 1,36+1 |
| 69 | — | 1,54+1 | 6,76+1 | 1,26+2 | 1,32+2 | 3,63+2 | 1,20+2 | 6,33+1 | 4,57+1 | 1,35+1 |
| 71 | — | 1,34+1 | 5,14+1 | 1,04+2 | 1,33+2 | 4,97+2 | 1,31+2 | 5,50+1 | 3,52+1 | 1,19+1 |
| 73 | — | 1,18+1 | 3,95+1 | 8,93+1 | 1,48+2 | 7,60+2 | 1,62+2 | 5,22+1 | 2,80+1 | 1,10+1 |
| 75 | 1,33+0 | 1,11+1 | 3,14+1 | 7,75+1 | 1,61+2 | 8,70+2 | 1,94+2 | 5,43+1 | 2,40+1 | 1,12+1 |
| 80 | 5,94+0 | 2,05+1 | 3,30+1 | 1,01+2 | 3,18+2 | 1,43+3 | 4,11+2 | 1,21+2 | 3,98+1 | 2,76+1 |
| 85 | 2,66+1 | 1,55+2 | 2,13+2 | 5,11+2 | 1,39+3 | 5,56+3 | 1,65+3 | 6,40+2 | 2,78+2 | 1,97+2 |
| 90 | 1,80+2 | 1,58+3 | 2,29+3 | 3,56+3 | 6,89+3 | 2,55+4 | 7,24+3 | 3,81+3 | 2,48+3 | 1,70+3 |
| 95 | 1,68+3 | 1,09+4 | 1,49+4 | 1,86+4 | 2,89+4 | 8,55+4 | 2,89+4 | 1,86+4 | 1,49+4 | 1,09+4 |
| 105 | 2,52+3 | 1,75+4 | 2,43+4 | 3,13+4 | 5,14+4 | 1,75+5 | 5,14+4 | 3,13+4 | 2,43+4 | 1,75+4 |

Таблица 213 — Сентябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | н т. ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 1,99+0 | 2,88+0 | 1,78+0 | 1,53+0 | 1,47+0 | 1,41+0 | 1,35+0 | — |
| 50 | — | — | 1,45+1 | 2,07+1 | 1,25+1 | 1,02+1 | 1,03+1 | 1,02+1 | 9,84+0 | — |
| 53 | — | 1,46+0 | 3,50+1 | 5,03+1 | 3,05+1 | 2,54+1 | 2,50+1 | 2,47+1 | 2,38+1 | 1,24+0 |
| 55 | — | 2,78+0 | 5,46+1 | 7,90+1 | 4,87+1 | 4,20+1 | 3,99+1 | 3,87+1 | 3,70+1 | 2,37+0 |
| 57 | — | 4,69+0 | 6,41+1 | 9,37+1 | 5,91+1 | 5,38+1 | 4,85+1 | 4,60+1 | 4,35+1 | 3,99+0 |
| 59 | — | 6,53+0 | 7,64+1 | 1,13+2 | 7,38+1 | 7,23+1 | 6,07+1 | 5,57+1 | 5,18+1 | 5,56+0 |
| 61 | — | 7,99+0 | 9,92+1 | 1,50+2 | 1,01+2 | 1,09+2 | 8,35+1 | 7,37+1 | 6,72+1 | 6,80+0 |
| 63 | — | 9,77+0 | 1,00+2 | 1,55+2 | 1,10+2 | 1,31+2 | 9,11+1 | 7,64+1 | 6,81+1 | 8,32+0 |
| 65 | — | 1,30+1 | 8,70+1 | 1,38+2 | 1,04+2 | 1,40+2 | 8,70+1 | 6,83+1 | 5,91+1 | 1,11+1 |
| 67 | — | 1,33+1 | 6,53+1 | 1,09+2 | 8,99+1 | 1,49+2 | 7,76+1 | 5,41+1 | 4,44+1 | 1,14+1 |
| 69 | — | 1,20+1 | 4,95+1 | 8,90+1 | 8,69+1 | 2,02+2 | 7,89+1 | 4,51+1 | 3,37+1 | 1,03+1 |
| 71 | — | 1,04+1 | 3,76+1 | 7,35+1 | 8,74+1 | 2,79+2 | 8,57+1 | 3,90+1 | 2,59+1 | 9,02+0 |
| 73 | — | 9,13+0 | 2,88+1 | 6,23+1 | 9,47+1 | 4,06+2 | 1,02+2 | 3,62+1 | 2,04+1 | 8,23+0 |
| 75 | 1,46+0 | 8,45+0 | 2,27+1 | 5,33+1 | 1,01+2 | 4,52+2 | 1,20+2 | 3,65+1 | 1,72+1 | 8,23+0 |
| 80 | 6,53+0 | 1,44+1 | 2,21+1 | 6,50+1 | 1,88+2 | 7,03+2 | 2,42+2 | 7,55+1 | 2,58+1 | 1,90+1 |
| 85 | 2,93+1 | 1,05+2 | 1,34+2 | 3,08+2 | 7,62+2 | 2,34+3 | 9,03+2 | 3,85+2 | 1,74+2 | 1,33+2 |
| 90 | 1,90+2 | 1,07+3 | 1,43+3 | 2,11+3 | 3,64+3 | 1,01+4 | 3,82+3 | 2,25+3 | 1,55+3 | 1,15+3 |
| 95 | 1,71+3 | 7,29+3 | 9,33+3 | 1,12+4 | 1,61+4 | 3,94+4 | 1,61+4 | 1,12+4 | 9,33+3 | 7,29+3 |
| 105 | 2,56+3 | 1,18+4 | 1,52+4 | 1,94+4 | 3,12+4 | 1,01+5 | 3,12+4 | 1,94+4 | 1,52+4 | 1,18+4 |

Таблица 214 — Сентябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , с $^{-3}$ при χ | | | | | | | | | |
|-------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 1,64+0 | 2,38+0 | 1,47+0 | 1,26+0 | 1,23+0 | 1,17+0 | 1,11+0 | — |
| 50 | — | — | 4,88+0 | 6,97+0 | 4,21+0 | 3,42+0 | 3,54+0 | 3,42+0 | 3,31+0 | — |
| 53 | — | — | 1,40+1 | 2,01+1 | 1,22+1 | 1,01+1 | 1,02+1 | 9,86+0 | 9,48+0 | — |
| 55 | — | — | 3,42+1 | 4,94+1 | 3,05+1 | 2,63+1 | 2,52+1 | 2,43+1 | 2,32+1 | — |
| 57 | — | 2,73+0 | 5,16+1 | 7,55+1 | 4,76+1 | 4,33+1 | 3,94+1 | 3,71+1 | 3,50+1 | 2,32+0 |
| 59 | — | 4,96+0 | 7,21+1 | 1,07+2 | 6,97+1 | 6,82+1 | 5,77+1 | 5,26+1 | 4,89+1 | 4,22+0 |
| 61 | — | 7,17+0 | 1,08+2 | 1,64+2 | 1,11+2 | 1,19+2 | 9,17+1 | 8,06+1 | 7,35+1 | 6,11+0 |
| 63 | — | 9,94+0 | 1,25+2 | 1,93+2 | 1,37+2 | 1,64+2 | 1,14+2 | 9,52+1 | 8,48+1 | 8,47+0 |
| 65 | — | 1,50+1 | 1,21+2 | 1,93+2 | 1,44+2 | 1,95+2 | 1,21+2 | 9,52+1 | 8,23+1 | 1,28+1 |
| 67 | — | 1,68+1 | 9,10+1 | 1,53+2 | 1,30+2 | 2,28+2 | 1,12+2 | 7,63+1 | 6,18+1 | 1,44+1 |
| 69 | — | 1,59+1 | 6,89+1 | 1,26+2 | 1,27+2 | 3,17+2 | 1,16+2 | 6,40+1 | 4,70+1 | 1,36+1 |
| 71 | — | 1,38+1 | 5,23+1 | 1,04+2 | 1,28+2 | 4,38+2 | 1,27+2 | 5,54+1 | 3,61+1 | 1,20+1 |
| 73 | — | 1,21+1 | 4,02+1 | 8,89+1 | 1,42+2 | 6,69+2 | 1,55+2 | 5,21+1 | 2,85+1 | 1,10+1 |
| 75 | 1,46+0 | 1,13+1 | 3,17+1 | 7,67+1 | 1,54+2 | 7,67+2 | 1,85+2 | 5,32+1 | 2,42+1 | 1,11+1 |
| 80 | 6,53+0 | 1,98+1 | 3,17+1 | 9,65+1 | 2,96+2 | 1,26+3 | 3,83+2 | 1,13+2 | 3,75+1 | 2,62+1 |
| 85 | 2,93+1 | 1,47+2 | 1,97+2 | 4,73+2 | 1,28+3 | 4,90+3 | 1,52+3 | 5,92+2 | 2,55+2 | 1,85+2 |
| 90 | 1,90+2 | 1,49+3 | 2,11+3 | 3,27+3 | 6,27+3 | 2,25+4 | 6,59+3 | 3,50+3 | 2,29+3 | 1,59+3 |
| 95 | 1,71+3 | 1,02+4 | 1,37+4 | 1,71+4 | 2,62+4 | 7,51+4 | 2,62+4 | 1,71+4 | 1,37+4 | 1,02+4 |
| 105 | 2,56+3 | 1,64+4 | 2,24+4 | 2,87+4 | 4,65+4 | 1,53+5 | 4,65+4 | 2,87+4 | 2,24+4 | 1,64+4 |

Таблица 215 — Сентябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и t , ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | | — | 3,49+0 | 5,05+0 | 3,19+0 | 2,77+0 | 2,74+0 | 2,56+0 | 2,33+0 | — |
| 50 | | 1,53+0 | 2,56+1 | 3,66+1 | 2,25+1 | 1,85+1 | 1,89+1 | 1,85+1 | 1,71+1 | 1,12+0 |
| 53 | — | 4,26+0 | 5,99+1 | 8,60+1 | 5,34+1 | 4,47+1 | 4,46+1 | 4,35+1 | 4,00+1 | 3,10+0 |
| 55 | — | 8,02+0 | 9,06+1 | 1,31+2 | 8,26+1 | 7,18+1 | 6,90+1 | 6,63+1 | 6,05+1 | 5,85+0 |
| 57 | — | 1,31+1 | 1,08+2 | 1,58+2 | 1,02+2 | 9,32+1 | 8,52+1 | 7,98+1 | 7,19+1 | 9,55+0 |
| 59 | — | 1,83+1 | 1,31+2 | 1,94+2 | 1,29+2 | 1,28+2 | 1,09+2 | 9,85-1 | 8,74+1 | 1,33+1 |
| 61 | 1,23+0 | 2,25+1 | 1,67+2 | 2,53+2 | 1,75+2 | 1,89+2 | 1,48+2 | 1,29+2 | 1,12+2 | 1,64+1 |
| 63 | 2,23+0 | 2,81+1 | 1,48+2 | 2,30+2 | 1,68+2 | 2,00+2 | 1,44+2 | 1,17+2 | 9,92+1 | 2,05+1 |
| 65 | 4,07+0 | 3,52+1 | 1,04+2 | 1,66+2 | 1,30+2 | 1,73+2 | 1,17+2 | 8,57+1 | 6,98+1 | 2,58+1 |
| 67 | 7,41+0 | 3,07+1 | 7,83+1 | 1,28+2 | 1,09+2 | 1,56+2 | 1,06+2 | 6,80+1 | 5,27+1 | 2,26+1 |
| 69 | 1,35+1 | 2,53+1 | 5,95+1 | 1,05+2 | 1,08+2 | 1,97+2 | 1,17+2 | 5,91+1 | 4,05+1 | 1,91+1 |
| 71 | 2,46+1 | 2,24+1 | 4,56+1 | 8,96+1 | 1,21+2 | 2,78+2 | 1,45+2 | 5,65+1 | 3,22+1 | 1,78+1 |
| 73 | 4,49+1 | 2,08+1 | 3,61+1 | 8,09+1 | 1,49+2 | 4,00+2 | 1,96+2 | 6,20+1 | 2,76+1 | 1,86+1 |
| 75 | 8,17+1 | 2,19+1 | 3,10+1 | 7,91+1 | 1,83+2 | 4,46+2 | 2,52+2 | 7,77+1 | 2,79+1 | 2,37+1 |
| 80 | 3,66+2 | 6,80+1 | 5,78+1 | 1,67+2 | 4,18+2 | 6,72+2 | 5,55+2 | 2,31+2 | 8,14+1 | 9,66+1 |
| 85 | 1,64+3 | 5,93+2 | 5,02+2 | 9,86+2 | 1,77+3 | 2,30+3 | 2,10+3 | 1,25+3 | 6,60+2 | 7,51+2 |
| 90 | 7,40+3 | 5,70+3 | 5,45+3 | 6,76+3 | 8,33+3 | 9,96+3 | 8,75+3 | 7,24+3 | 5,90+3 | 6,10+3 |
| 95 | 2,62+4 | 3,38+4 | 3,53+4 | 3,57+4 | 3,64+4 | 3,84+4 | 3,64+4 | 3,57+4 | 3,53+4 | 3,38+4 |
| 105 | 3,69+4 | 5,40+4 | 5,76+4 | 6,17+4 | 7,06+4 | 9,83+4 | 7,06+4 | 6,17+4 | 5,76+4 | 5,40+4 |

Таблица 216 — Сентябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и т ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 2,90+0 | 4,19+0 | 2,66+0 | 2,30+0 | 2,35+0 | 2,12+0 | 1,93+0 | — |
| 50 | — | — | 8,43+0 | 1,21+1 | 7,49+0 | 6,09+0 | 6,64+0 | 6,12+0 | 5,63+0 | — |
| 53 | — | 1,65+0 | 2,25+1 | 3,23+1 | 2,02+1 | 1,68+1 | 1,75+1 | 1,64+1 | 1,50+1 | 1,20+0 |
| 55 | — | 2,52+0 | 5,42+1 | 7,85+1 | 4,96+1 | 4,30+1 | 4,23+1 | 3,98+1 | 3,62+1 | 1,84+0 |
| 57 | — | 7,29+0 | 8,52+1 | 1,25+2 | 8,07+1 | 7,38+1 | 6,87+1 | 6,32+1 | 5,69+1 | 5,31+0 |
| 59 | — | 1,35+1 | 1,23+2 | 1,83+2 | 1,22+2 | 1,20+2 | 1,04+2 | 9,28+1 | 8,22+1 | 9,88+0 |
| 61 | 1,23+0 | 2,01+1 | 1,83+2 | 2,78+2 | 1,93+2 | 2,07+2 | 1,65+2 | 1,41+2 | 1,22+2 | 1,47+1 |
| 63 | 2,23+0 | 2,86+1 | 1,85+2 | 2,88+2 | 2,10+2 | 2,50+2 | 1,82+2 | 1,47+2 | 1,24+2 | 2,09+1 |
| 65 | 4,07+0 | 4,06+1 | 1,45+2 | 2,31+2 | 1,81+2 | 2,40+2 | 1,64+2 | 1,19+2 | 9,70+1 | 2,97+1 |
| 67 | 7,41+0 | 3,89+1 | 1,09+2 | 1,81+2 | 1,57+2 | 2,37+2 | 1,53+2 | 9,58+1 | 7,32+1 | 2,87+1 |
| 69 | 1,35+1 | 3,36+1 | 8,27+1 | 1,49+2 | 1,59+2 | 3,11+2 | 1,73+2 | 8,39+1 | 5,64+1 | 2,54+1 |
| 71 | 2,46+1 | 2,97+1 | 6,35+1 | 1,27+2 | 1,77+2 | 4,32+2 | 2,15+2 | 8,06+1 | 4,49+1 | 2,37+1 |
| 73 | 4,48+1 | 2,77+1 | 5,03+1 | 1,16+2 | 2,24+2 | 6,54+2 | 2,97+2 | 8,98+1 | 3,87+1 | 2,50+1 |
| 75 | 8,17+1 | 2,94+1 | 4,35+1 | 1,14+2 | 2,80+2 | 7,55+2 | 3,88+2 | 1,14+2 | 3,95+1 | 3,21+1 |
| 80 | 3,66+2 | 9,33+1 | 8,34+1 | 2,49+2 | 6,61+2 | 1,22+3 | 8,78+2 | 3,45+2 | 1,18+2 | 1,33+2 |
| 85 | 1,64+3 | 8,18+2 | 7,31+2 | 1,50+3 | 2,95+3 | 4,80+3 | 3,51+3 | 1,91+3 | 9,62+2 | 1,04+3 |
| 90 | 7,40+3 | 7,86+3 | 7,94+3 | 1,04+4 | 1,42+4 | 2,19+4 | 1,49+4 | 1,11+4 | 8,60+3 | 8,41+3 |
| 95 | 2,62+4 | 4,66+4 | 5,14+4 | 5,37+4 | 5,84+4 | 7,20+4 | 5,84+4 | 5,37+4 | 5,14+4 | 4,66+4 |
| 105 | 3,69+4 | 7,45+4 | 8,39+4 | 9,02+4 | 1,04+5 | 1,48+5 | 1,04+5 | 9,02+4 | 8,39+4 | 7,45+4 |

Таблица 217 — Сентябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 7,53+0 | 1,09+1 | 6,99+0 | 6,09+0 | 6,08+0 | 5,63+0 | 4,86+0 | — |
| 50 | — | 3,71+0 | 5,54+1 | 7,93+1 | 4,95+1 | 4,08+1 | 4,18+1 | 4,09+1 | 3,57+1 | 2,34+0 |
| 53 | — | 1,03+1 | 1,28+2 | 1,84+2 | 1,16+2 | 9,77+1 | 9,76+1 | 9,50+1 | 8,28+1 | 6,48+0 |
| 55 | — | 1,93+1 | 1,92+2 | 2,78+2 | 1,78+2 | 1,55+2 | 1,50+2 | 1,43+2 | 1,24+2 | 1,22+1 |
| 57 | 1,67+0 | 3,12+1 | 2,29+2 | 3,36+2 | 2,20+2 | 2,02+2 | 1,86+2 | 1,73+2 | 1,48+2 | 1,97+1 |
| 59 | 3,05+0 | 4,34+1 | 2,81+2 | 4,18+2 | 2,82+2 | 2,79+2 | 2,40+2 | 2,16+2 | 1,81+2 | 2,74+1 |
| 61 | 5,55+0 | 5,38+1 | 3,60+2 | 5,46+2 | 3,83+2 | 4,15+2 | 3,27+2 | 2,82+2 | 2,32+2 | 3,40+1 |
| 63 | 1,01+1 | 6,89+1 | 2,82+2 | 4,38+2 | 3,24+2 | 3,89+2 | 2,85+2 | 2,28+2 | 1,82+2 | 4,35+1 |
| 65 | 1,84+1 | 8,12+1 | 1,67+2 | 2,67+2 | 2,14+2 | 2,82+2 | 2,03+2 | 1,41+2 | 1,08+2 | 5,15+1 |
| 67 | 3,36+1 | 6,16+1 | 1,25+2 | 2,04+2 | 1,76+2 | 2,31+2 | 1,83+2 | 1,13+2 | 8,19+1 | 3,96+1 |
| 69 | 6,12+1 | 4,76+1 | 9,55+1 | 1,68+2 | 1,79+2 | 2,83+2 | 2,09+2 | 1,01+2 | 6,37+1 | 3,20+1 |
| 71 | 1,12+2 | 4,25+1 | 7,39+1 | 1,45+2 | 2,08+2 | 3,91+2 | 2,69+2 | 1,01+2 | 5,18+1 | 3,14+1 |
| 73 | 2,03+2 | 4,09+1 | 5,97+1 | 1,37+2 | 2,68+2 | 5,56+2 | 3,73+2 | 1,20+2 | 4,71+1 | 3,63+1 |
| 75 | 3,70+2 | 4,63+1 | 5,41+1 | 1,44+2 | 3,44+2 | 6,22+2 | 4,89+2 | 1,61+2 | 5,27+1 | 5,23+1 |
| 80 | 1,66+3 | 1,74+2 | 1,29+2 | 3,60+2 | 8,09+2 | 9,10+2 | 1,08+3 | 5,13+2 | 1,89+2 | 2,50+2 |
| 85 | 7,44+3 | 1,54+3 | 1,19+3 | 2,19+3 | 3,43+3 | 3,19+3 | 4,08+3 | 2,78+3 | 1,56+3 | 1,96+3 |
| 90 | 3,33+4 | 1,46+4 | 1,27+4 | 1,48+4 | 1,60+4 | 1,39+4 | 1,68+4 | 1,58+4 | 1,38+4 | 1,56+4 |
| 95 | 1,14+5 | 8,58+4 | 8,17+4 | 7,73+4 | 6,93+4 | 5,29+4 | 6,93+4 | 7,73+4 | 8,17+4 | 8,58+4 |
| 105 | 1,60+5 | 1,37+5 | 1,33+5 | 1,34+5 | 1,34+5 | 1,35+5 | 1,34+5 | 1,34+5 | 1,33+5 | 1,37+5 |

Таблица 218 — Сентябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 6,27+0 | 9,08+0 | 5,84+0 | 5,07+0 | 5,25+0 | 4,69+0 | 4,05+0 | — |
| 50 | — | 2,21+0 | 1,81+1 | 2,60+1 | 1,64+1 | 1,34+1 | 1,47+1 | 1,34+1 | 1,17+1 | 1,39+0 |
| 53 | — | 3,96+0 | 4,71+1 | 6,78+1 | 4,30+1 | 3,59+1 | 3,78+1 | 3,50+1 | 3,04+1 | 2,50+0 |
| 55 | — | 5,94+0 | 1,13+2 | 1,64+2 | 1,05+2 | 9,15+1 | 9,07+1 | 8,47+1 | 7,30+1 | 3,75+0 |
| 57 | 1,67+0 | 1,71+1 | 1,80+2 | 2,64+2 | 1,74+2 | 1,59+2 | 1,49+2 | 1,37+2 | 1,16+2 | 1,08+1 |
| 59 | 3,05+0 | 3,20+1 | 2,64+2 | 3,92+2 | 2,66+2 | 2,62+2 | 2,29+2 | 2,03+2 | 1,70+2 | 2,02+1 |
| 61 | 5,55+0 | 4,78+1 | 3,95+2 | 5,99+2 | 4,21+2 | 4,56+2 | 3,64+2 | 3,10+2 | 2,55+2 | 3,02+1 |
| 63 | 1,01+1 | 7,00+1 | 3,52+2 | 5,47+2 | 4,06+2 | 4,85+2 | 3,59+2 | 2,85+2 | 2,28+2 | 4,43+1 |
| 65 | 1,84+1 | 9,37+1 | 2,29+2 | 3,67+2 | 2,95+2 | 3,88+2 | 2,81+2 | 1,95+2 | 1,49+2 | 5,95+1 |
| 67 | 3,36+1 | 7,77+1 | 1,73+2 | 2,84+2 | 2,52+2 | 3,46+2 | 2,64+2 | 1,57+2 | 1,13+2 | 5,01+1 |
| 69 | 6,12+1 | 6,25+1 | 1,31+2 | 2,36+2 | 2,63+2 | 4,48+2 | 3,09+2 | 1,42+2 | 8,77+1 | 4,21+1 |
| 71 | 1,12+2 | 5,60+1 | 1,02+2 | 2,04+2 | 3,03+2 | 6,01+2 | 3,95+2 | 1,44+2 | 7,17+1 | 4,17+1 |
| 73 | 2,03+2 | 5,42+1 | 8,25+1 | 1,94+2 | 4,01+2 | 9,02+2 | 5,60+2 | 1,72+2 | 6,57+1 | 4,86+1 |
| 75 | 3,70+2 | 6,19+1 | 7,54+1 | 2,07+2 | 5,24+2 | 1,05+3 | 7,47+2 | 2,34+2 | 7,42+1 | 7,07+1 |
| 80 | 1,66+3 | 2,37+2 | 1,85+2 | 5,34+2 | 1,28+3 | 1,67+3 | 1,71+3 | 7,63+2 | 2,72+2 | 3,42+2 |
| 85 | 7,44+3 | 2,11+3 | 1,71+3 | 3,31+3 | 5,69+3 | 6,65+3 | 6,77+3 | 4,20+3 | 2,26+3 | 2,68+3 |
| 90 | 3,33+4 | 2,00+4 | 1,83+4 | 2,24+4 | 2,70+4 | 3,01+4 | 2,83+4 | 2,41+4 | 1,99+4 | 2,14+4 |
| 95 | 1,14+5 | 1,17+5 | 1,18+5 | 1,15+5 | 1,10+5 | 9,77+4 | 1,10+5 | 1,15+5 | 1,18+5 | 1,17+5 |
| 105 | 1,60+5 | 1,88+5 | 1,93+5 | 1,94+5 | 1,96+5 | 2,01+5 | 1,96+5 | 1,94+5 | 1,93+5 | 1,88+5 |

Таблица 219 — Сентябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и f_oF_2 , ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 2,83+0 | 4,09+0 | 2,57+0 | 2,23+0 | 2,19+0 | 2,06+0 | 1,90+0 | — |
| 50 | — | 1,13+0 | 2,07+1 | 2,97+1 | 1,82+1 | 1,49+1 | 1,51+1 | 1,49+1 | 1,39+1 | — |
| 53 | — | 3,14+0 | 4,87+1 | 7,00+1 | 4,32+1 | 3,62+1 | 3,59+1 | 3,52+1 | 3,28+1 | 2,38+0 |
| 55 | — | 5,93+0 | 7,40+1 | 1,07+2 | 6,72+1 | 5,83+1 | 5,58+1 | 5,39+1 | 4,98+1 | 4,50+0 |
| 57 | — | 9,73+0 | 8,77+1 | 1,28+2 | 8,25+1 | 7,56+1 | 6,88+1 | 6,46+1 | 5,90+1 | 7,38+0 |
| 59 | — | 1,36+1 | 1,06+2 | 1,58+2 | 1,05+2 | 1,03+2 | 8,76+1 | 7,96+1 | 7,15+1 | 1,03+1 |
| 61 | — | 1,67+1 | 1,36+2 | 2,06+2 | 1,42+2 | 1,53+2 | 1,19+2 | 1,04+2 | 9,14+1 | 1,27+1 |
| 63 | — | 2,07+1 | 1,25+2 | 1,94+2 | 1,40+2 | 1,68+2 | 1,19+2 | 9,79+1 | 8,41+1 | 1,57+1 |
| 65 | 1,74+0 | 2,63+1 | 9,24+1 | 1,47+2 | 1,14+2 | 1,53+2 | 1,00+2 | 7,51+1 | 6,23+1 | 2,00+1 |
| 67 | 3,17+0 | 2,39+1 | 6,94+1 | 1,14+2 | 9,52+1 | 1,42+2 | 8,92+1 | 5,93+1 | 4,69+1 | 1,83+1 |
| 69 | 5,78+0 | 2,01+1 | 5,26+1 | 9,33+1 | 9,37+1 | 1,82+2 | 9,58+1 | 5,07+1 | 3,59+1 | 1,56+1 |
| 71 | 1,05+1 | 1,76+1 | 4,02+1 | 7,86+1 | 1,01+2 | 2,57+2 | 1,16+2 | 4,69+1 | 2,82+1 | 1,42+1 |
| 73 | 1,92+1 | 1,61+1 | 3,15+1 | 6,94+1 | 1,20+2 | 3,71+2 | 1,52+2 | 4,89+1 | 2,34+1 | 1,42+1 |
| 75 | 3,50+1 | 1,62+1 | 2,62+1 | 6,49+1 | 1,43+2 | 4,14+2 | 1,91+2 | 5,78+1 | 2,23+1 | 1,68+1 |
| 80 | 1,57+2 | 4,32+1 | 4,07+1 | 1,19+2 | 3,14+2 | 6,29+2 | 4,15+2 | 1,59+2 | 5,51+1 | 6,04+1 |
| 85 | 7,02+2 | 3,66+2 | 3,30+2 | 6,77+2 | 1,32+3 | 2,14+3 | 1,57+3 | 8,57+2 | 4,34+2 | 4,63+2 |
| 90 | 3,20+3 | 3,53+3 | 3,59+3 | 4,64+3 | 6,24+3 | 9,24+3 | 6,56+3 | 4,98+3 | 3,88+3 | 3,78+3 |
| 95 | 1,19+4 | 2,11+4 | 2,33+4 | 2,46+4 | 2,74+4 | 3,57+4 | 2,74+4 | 2,46+4 | 2,33+4 | 2,11+4 |
| 105 | 1,69+4 | 3,38+4 | 3,80+4 | 4,25+4 | 5,30+4 | 9,16+4 | 5,30+4 | 4,25+4 | 3,80+4 | 3,38+4 |

Таблица 220 — Сентябрь, $\bar{W}=100$, $\varphi=50^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 127,0° | 95,0° | 90,0° | 85,0° | 75,0° | 47,0° | 75,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,1 | 5,8 | 6,3 | 7,3 | 12,0 | 16,7 | 17,7 | 18,2 | 18,7 |
| 45 | — | — | 2,34+0 | 3,39+0 | 2,14+0 | 1,85+0 | 1,86+0 | 1,71+0 | 1,58+0 | — |
| 50 | — | — | 6,85+0 | 9,80+0 | 6,05+0 | 4,92+0 | 5,27+0 | 4,94+0 | 4,60+0 | — |
| 53 | — | 1,22+0 | 1,84+1 | 2,65+1 | 1,65+1 | 1,37+1 | 1,41+1 | 1,33+1 | 1,24+1 | — |
| 55 | — | 1,88+0 | 4,46+1 | 6,45+1 | 4,06+1 | 3,51+1 | 3,43+1 | 3,25+1 | 3,00+1 | 1,43+0 |
| 57 | — | 5,45+0 | 6,96+1 | 1,02+2 | 6,56+1 | 6,00+1 | 5,54+1 | 5,14+1 | 4,68+1 | 4,13+0 |
| 59 | — | 1,01+1 | 1,00+2 | 1,49+2 | 9,87+1 | 9,70+1 | 8,35+1 | 7,50+1 | 6,73+1 | 7,65+0 |
| 61 | — | 1,49+1 | 1,49+2 | 2,26+2 | 1,56+2 | 1,67+2 | 1,32+2 | 1,14+2 | 1,00+2 | 1,13+1 |
| 63 | — | 2,10+1 | 1,56+2 | 2,42+2 | 1,75+2 | 2,10+2 | 1,50+2 | 1,23+2 | 1,05+2 | 1,60+1 |
| 65 | 1,74+0 | 3,04+1 | 1,29+2 | 2,05+2 | 1,58+2 | 2,12+2 | 1,40+2 | 1,05+2 | 8,67+1 | 2,31+1 |
| 67 | 3,17+0 | 3,03+1 | 9,66+1 | 1,61+2 | 1,38+2 | 2,16+2 | 1,30+2 | 8,37+1 | 6,53+1 | 2,32+1 |
| 69 | 5,78+0 | 2,67+1 | 7,33+1 | 1,32+2 | 1,37+2 | 2,87+2 | 1,42+2 | 7,21+1 | 5,01+1 | 2,08+1 |
| 71 | 1,05+1 | 2,34+1 | 5,61+1 | 1,11+2 | 1,49+2 | 4,01+2 | 1,71+2 | 6,69+1 | 3,93+1 | 1,90+1 |
| 73 | 1,92+1 | 2,14+1 | 4,39+1 | 9,91+1 | 1,81+2 | 6,08+2 | 2,30+2 | 7,07+1 | 3,29+1 | 1,90+1 |
| 75 | 3,50+1 | 2,17+1 | 3,67+1 | 9,38+1 | 2,19+2 | 7,01+2 | 2,95+2 | 8,48+1 | 3,16+1 | 2,27+1 |
| 80 | 1,57+2 | 5,94+1 | 5,87+1 | 1,78+2 | 4,97+2 | 1,14+3 | 6,57+2 | 2,39+2 | 8,00+1 | 8,33+1 |
| 85 | 7,02+2 | 5,06+2 | 4,82+2 | 1,03+3 | 2,21+3 | 4,46+3 | 2,62+3 | 1,31+3 | 6,33+2 | 6,41+2 |
| 90 | 3,20+3 | 4,88+3 | 5,24+3 | 7,15+3 | 1,07+4 | 2,04+4 | 1,12+4 | 7,66+3 | 5,67+3 | 5,22+3 |
| 95 | 1,19+4 | 2,92+4 | 3,40+4 | 3,71+4 | 4,40+4 | 6,73+4 | 4,40+4 | 3,71+4 | 3,40+4 | 2,92+4 |
| 105 | 1,69+4 | 4,67+4 | 5,55+4 | 6,23+4 | 7,84+4 | 1,38+5 | 7,84+4 | 6,23+4 | 5,55+4 | 4,67+4 |

Таблица 221 — Сентябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при γ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и т. ч. | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 2,32+0 | 3,33+0 | 2,88+0 | 1,93+0 | 1,86+0 | 1,78+0 | 1,66+0 | — |
| 50 | — | — | 1,70+1 | 2,41+1 | 2,05+1 | 1,29+1 | 1,30+1 | 1,29+1 | 1,22+1 | — |
| 53 | — | 2,05+0 | 4,01+1 | 5,71+1 | 4,90+1 | 3,14+1 | 3,10+1 | 3,06+1 | 2,88+1 | 1,69+0 |
| 55 | — | 3,87+0 | 6,12+1 | 8,80+1 | 7,60+1 | 5,09+1 | 4,82+1 | 4,71+1 | 4,39+1 | 3,19+0 |
| 57 | — | 6,39+0 | 7,24+1 | 1,05+2 | 9,23+1 | 6,58+1 | 5,87+1 | 5,64+1 | 5,20+1 | 5,28+0 |
| 59 | — | 8,96+0 | 8,74+1 | 1,29+2 | 1,15+2 | 8,95+1 | 7,36+1 | 6,93+1 | 6,28+1 | 7,40+0 |
| 61 | — | 1,11+1 | 1,12+2 | 1,69+2 | 1,54+2 | 1,33+2 | 9,87+1 | 9,07+1 | 8,04+1 | 9,20+0 |
| 63 | — | 1,38+1 | 1,06+2 | 1,65+2 | 1,54+2 | 1,50+2 | 9,98+1 | 8,83+1 | 7,62+1 | 1,14+1 |
| 65 | — | 1,80+1 | 8,20+1 | 1,31+2 | 1,27+2 | 1,43+2 | 8,50+1 | 7,08+1 | 5,90+1 | 1,49+1 |
| 67 | 1,12+0 | 1,72+1 | 6,16+1 | 1,02+2 | 1,04+2 | 1,37+2 | 7,36+1 | 5,59+1 | 4,44+1 | 1,43+1 |
| 69 | 2,04+0 | 1,50+1 | 4,67+1 | 8,41+1 | 9,52+1 | 1,78+2 | 7,40+1 | 4,74+1 | 3,39+1 | 1,26+1 |
| 71 | 3,71+0 | 1,33+1 | 3,56+1 | 7,09+1 | 9,27+1 | 2,52+2 | 8,28+1 | 4,27+1 | 2,62+1 | 1,14+1 |
| 73 | 6,76+0 | 1,21+1 | 2,76+1 | 6,19+1 | 9,76+1 | 3,65+2 | 1,02+2 | 4,22+1 | 2,12+1 | 1,10+1 |
| 75 | 1,23+1 | 1,19+1 | 2,24+1 | 5,59+1 | 1,06+2 | 4,06+2 | 1,27+2 | 4,65+1 | 1,90+1 | 1,22+1 |
| 80 | 5,52+1 | 2,71+1 | 2,88+1 | 8,83+1 | 2,11+2 | 6,21+2 | 2,83+2 | 1,13+2 | 3,77+1 | 3,71+1 |
| 85 | 2,47+2 | 2,17+2 | 2,14+2 | 4,72+2 | 8,88+2 | 2,10+3 | 1,08+3 | 5,94+2 | 2,80+2 | 2,73+2 |
| 90 | 1,16+3 | 2,07+3 | 2,32+3 | 3,22+3 | 4,26+3 | 9,06+3 | 4,51+3 | 3,44+3 | 2,51+3 | 2,21+3 |
| 95 | 5,00+3 | 1,25+4 | 1,50+4 | 1,70+4 | 1,91+4 | 3,52+4 | 1,91+4 | 1,70+4 | 1,50+4 | 1,25+4 |
| 105 | 7,18+3 | 2,01+4 | 2,46+4 | 2,95+4 | 3,54+4 | 9,01+4 | 3,54+4 | 2,95+4 | 2,46+4 | 2,01+4 |

Таблица 222 — Сентябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 1,92+0 | 2,76+0 | 2,39+0 | 1,60+0 | 1,58+0 | 1,48+0 | 1,38+0 | — |
| 50 | — | — | 5,62+0 | 7,98+0 | 6,83+0 | 4,26+0 | 4,52+0 | 4,27+0 | 4,04+0 | — |
| 53 | — | — | 1,53+1 | 2,19+1 | 1,88+1 | 1,20+1 | 1,22+1 | 1,17+1 | 1,10+1 | — |
| 55 | — | 1,27+0 | 3,71+1 | 5,34+1 | 4,63+1 | 3,09+1 | 2,97+1 | 2,86+1 | 2,67+1 | 1,05+0 |
| 57 | — | 3,65+0 | 5,76+1 | 8,39+1 | 7,36+1 | 5,24+1 | 4,73+1 | 4,49+1 | 4,14+1 | 3,02+0 |
| 59 | — | 6,74+0 | 8,23+1 | 1,22+2 | 1,09+2 | 8,42+1 | 7,00+1 | 6,53+1 | 5,91+1 | 5,57+0 |
| 61 | — | 9,95+0 | 1,23+2 | 1,86+2 | 1,69+2 | 1,46+2 | 1,09+2 | 9,95+1 | 8,81+1 | 8,23+0 |
| 63 | — | 1,41+1 | 1,32+2 | 2,06+2 | 1,93+2 | 1,88+2 | 1,25+2 | 1,10+2 | 9,52+1 | 1,16+1 |
| 65 | — | 2,07+1 | 1,14+2 | 1,83+2 | 1,77+2 | 1,99+2 | 1,19+2 | 9,88+1 | 8,23+1 | 1,71+1 |
| 67 | 1,12+0 | 2,17+1 | 8,59+1 | 1,44+2 | 1,49+2 | 2,10+2 | 1,06+2 | 7,91+1 | 6,19+1 | 1,80+1 |
| 69 | 2,04+0 | 1,98+1 | 6,51+1 | 1,19+2 | 1,38+2 | 2,81+2 | 1,08+2 | 6,75+1 | 4,72+1 | 1,66+1 |
| 71 | 3,71+0 | 1,75+1 | 4,96+1 | 1,01+2 | 1,34+2 | 3,94+2 | 1,21+2 | 6,09+1 | 3,66+1 | 1,51+1 |
| 73 | 6,76+0 | 1,60+1 | 3,85+1 | 8,87+1 | 1,44+2 | 5,98+2 | 1,53+2 | 6,11+1 | 2,97+1 | 1,46+1 |
| 75 | 1,23+1 | 1,58+1 | 3,14+1 | 8,09+1 | 1,59+2 | 6,88+2 | 1,93+2 | 6,81+1 | 2,68+1 | 1,63+1 |
| 80 | 5,52+1 | 3,70+1 | 4,15+1 | 1,32+2 | 3,27+2 | 1,12+3 | 4,38+2 | 1,70+2 | 5,47+1 | 5,07+1 |
| 85 | 2,47+2 | 2,98+2 | 3,13+2 | 7,27+2 | 1,44+3 | 4,39+3 | 1,75+3 | 9,14+2 | 4,10+2 | 3,75+2 |
| 90 | 1,16+3 | 2,84+3 | 3,39+3 | 4,99+3 | 7,01+3 | 2,01+4 | 7,42+3 | 5,34+3 | 3,67+3 | 3,04+3 |
| 95 | 5,00+3 | 1,73+4 | 2,20+4 | 2,58+4 | 3,01+4 | 6,65+4 | 3,01+4 | 2,58+4 | 2,20+4 | 1,73+4 |
| 105 | 7,18+3 | 2,76+4 | 3,60+4 | 4,34+4 | 5,23+4 | 1,36+5 | 5,23+4 | 4,34+4 | 3,60+4 | 2,76+4 |

Таблица 223 — Сентябрь, $\bar{W}=10$, $\varphi=55^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 7,48+0 | 1,08+1 | 9,44+0 | 6,44+0 | 6,41+0 | 5,96+0 | 5,10+0 | — |
| 50 | — | 3,52+0 | 5,50+1 | 7,83+1 | 6,75+1 | 4,31+1 | 4,43+1 | 4,32+1 | 3,75+1 | 2,30+0 |
| 53 | — | 9,73+0 | 1,27+2 | 1,82+2 | 1,57+2 | 1,03+2 | 1,03+2 | 1,00+2 | 8,67+1 | 6,34+0 |
| 55 | — | 1,82+1 | 1,90+2 | 2,74+2 | 2,40+2 | 1,64+2 | 1,57+2 | 1,51+2 | 1,30+2 | 1,19+1 |
| 57 | 1,79+0 | 2,95+1 | 2,27+2 | 3,32+2 | 2,94+2 | 2,14+2 | 1,93+2 | 1,83+2 | 1,55+2 | 1,92+1 |
| 59 | 3,27+0 | 4,14+1 | 2,79+2 | 4,14+2 | 3,73+2 | 2,95+2 | 2,47+2 | 2,29+2 | 1,90+2 | 2,70+1 |
| 61 | 5,96+0 | 5,18+1 | 3,57+2 | 5,41+2 | 4,99+2 | 4,38+2 | 3,32+2 | 2,99+2 | 2,43+2 | 3,38+1 |
| 63 | 1,09+1 | 6,68+1 | 2,76+2 | 4,30+2 | 4,09+2 | 4,05+2 | 2,83+2 | 2,39+2 | 1,88+2 | 4,37+1 |
| 65 | 1,98+1 | 7,91+1 | 1,61+2 | 2,58+2 | 2,60+2 | 2,89+2 | 1,98+2 | 1,47+2 | 1,10+2 | 5,19+1 |
| 67 | 3,60+1 | 6,05+1 | 1,21+2 | 1,98+2 | 2,10+2 | 2,35+2 | 1,82+2 | 1,17+2 | 8,33+1 | 4,02+1 |
| 69 | 6,56+1 | 4,73+1 | 9,21+1 | 1,64+2 | 2,02+2 | 2,87+2 | 2,05+2 | 1,05+2 | 6,48+1 | 3,29+1 |
| 71 | 1,20+2 | 4,31+1 | 7,14+1 | 1,44+2 | 2,18+2 | 3,97+2 | 2,62+2 | 1,06+2 | 5,28+1 | 3,30+1 |
| 73 | 2,18+2 | 4,24+1 | 5,80+1 | 1,37+2 | 2,66+2 | 5,63+2 | 3,61+2 | 1,26+2 | 4,82+1 | 3,88+1 |
| 75 | 3,97+2 | 4,91+1 | 5,32+1 | 1,47+2 | 3,37+2 | 6,30+2 | 4,86+2 | 1,70+2 | 5,42+1 | 5,66+1 |
| 80 | 1,78+3 | 1,90+2 | 1,33+2 | 3,76+2 | 8,25+2 | 9,18+2 | 1,14+3 | 5,36+2 | 1,96+2 | 2,73+2 |
| 85 | 7,98+3 | 1,67+3 | 1,23+3 | 2,27+3 | 3,58+3 | 3,23+3 | 4,37+3 | 2,88+3 | 1,62+3 | 2,10+3 |
| 90 | 3,58+4 | 1,55+4 | 1,31+4 | 1,52+4 | 1,68+4 | 1,41+4 | 1,78+4 | 1,63+4 | 1,42+4 | 1,66+4 |
| 95 | 1,22+5 | 8,98+4 | 8,44+4 | 7,92+4 | 7,42+4 | 5,35+4 | 7,42+4 | 7,92+4 | 8,44+4 | 8,98+4 |
| 105 | 1,72+5 | 1,43+5 | 1,38+5 | 1,38+5 | 1,38+5 | 1,37+5 | 1,38+5 | 1,38+5 | 1,38+5 | 1,43+5 |

Таблица 224 — Сентябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | h t ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 6,23+0 | 8,98+0 | 7,89+0 | 5,36+0 | 5 57+0 | 4,96+0 | 4,24+0 | |
| 50 | — | 2,12+0 | 1,80+1 | 2,56+1 | 2,23+1 | 1,41+1 | 1,58+1 | 1,42+1 | 1,23+1 | 1,33+0 |
| 53 | — | 3,83+0 | 4,67+1 | 6,67+1 | 5,81+1 | 3,78+1 | 4,02+1 | 3,69+1 | 3,18+1 | 2,50+0 |
| 55 | — | 5,76+0 | 1,12+2 | 1,61+2 | 1,42+2 | 9,63+1 | 9,53+1 | 8,93+1 | 7,63+1 | 3,76+0 |
| 57 | 1,79+0 | 1,63+1 | 1,79+2 | 2,61+2 | 2,32+2 | 1,68+2 | 1,56+2 | 1,44+2 | 1,22+2 | 1,07+1 |
| 59 | 3,27+0 | 3,06+1 | 2,62+2 | 3,89+2 | 3,51+2 | 2,77+2 | 2,36+2 | 2,15+2 | 1,78+2 | 2,00+1 |
| 61 | 5,95+0 | 4,61+1 | 3,92+2 | 5,94+2 | 5,48+2 | 4,80+2 | 3,70+2 | 3,29+2 | 2,67+2 | 3,01+1 |
| 63 | 1,09+1 | 6,79+1 | 3,45+2 | 5,37+2 | 5,12+2 | 5,05+2 | 3,57+2 | 2,99+2 | 2,35+2 | 4,45+1 |
| 65 | 1,98+1 | 9,10+1 | 2,21+2 | 3,55+2 | 3,57+2 | 3,97+2 | 2,74+2 | 2,02+2 | 1,51+2 | 5,97+1 |
| 67 | 3,60+1 | 7,58+1 | 1,66+2 | 2,75+2 | 2,97+2 | 3,51+2 | 2,59+2 | 1,63+2 | 1,15+2 | 5,05+1 |
| 69 | 6,56+1 | 6,18+1 | 1,27+2 | 2,30+2 | 2,91+2 | 4,54+2 | 2,99+2 | 1,48+2 | 8,92+1 | 4,31+1 |
| 71 | 1,20+2 | 5,64+1 | 9,82+1 | 2,02+2 | 3,14+2 | 6,09+2 | 3,81+2 | 1,51+2 | 7,30+1 | 4,34+1 |
| 73 | 2,18+2 | 5,57+1 | 8,00+1 | 1,95+2 | 3,91+2 | 9,13+2 | 5,35+2 | 1,82+2 | 6,71+1 | 5,15+1 |
| 75 | 3,97+2 | 6,52+1 | 7,40+1 | 2,11+2 | 5,04+2 | 1,06+3 | 7,30+2 | 2,48+2 | 7,62+1 | 7,60+1 |
| 80 | 1,78+3 | 2,58+2 | 1,90+2 | 5,59+2 | 1,27+3 | 1,69+3 | 1,77+3 | 7,99+2 | 2,82+2 | 3,70+2 |
| 85 | 7,98+3 | 2,26+3 | 1,77+3 | 3,45+3 | 5,72+3 | 6,74+3 | 6,99+3 | 4,37+3 | 2,34+3 | 2,85+3 |
| 90 | 3,58+4 | 2,10+4 | 1,89+4 | 2,32+4 | 2,72+4 | 3,05+4 | 2,88+4 | 2,49+4 | 2,05+4 | 2,25+4 |
| 95 | 1,22+5 | 1,22+5 | 1,22+5 | 1,18+5 | 1,15+5 | 9,87+4 | 1,15+5 | 1,18+5 | 1,22+5 | 1,22+5 |
| 105 | 1,72+5 | 1,94+5 | 1,99+5 | 1,99+5 | 2,00+5 | 2,03+5 | 2,00+5 | 1,99+5 | 1,99+5 | 1,94+5 |

Т а б л и ц а 225 — Сентябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 6,71+0 | 9,68+0 | 8,51+0 | 5,88+0 | 5,81+0 | 5,44+0 | 4,34+0 | — |
| 50 | — | 3,10+0 | 4,94+1 | 7,03+1 | 6,09+1 | 3,94+1 | 4,03+1 | 3,95+1 | 3,19+1 | 1,73+0 |
| 53 | — | 8,56+0 | 1,14+2 | 1,63+2 | 1,41+2 | 9,37+1 | 9,33+1 | 9,12+1 | 7,34+1 | 4,78+0 |
| 55 | — | 1,60+1 | 1,69+2 | 2,44+2 | 2,14+2 | 1,48+2 | 1,41+2 | 1,37+2 | 1,09+2 | 8,93+0 |
| 57 | 1,41+0 | 2,58+1 | 2,02+2 | 2,96+2 | 2,63+2 | 1,94+2 | 1,74+2 | 1,66+2 | 1,31+2 | 1,44+1 |
| 59 | 2,56+0 | 3,61+1 | 2,49+2 | 3,70+2 | 3,35+2 | 2,68+2 | 2,24+2 | 2,08+2 | 1,61+2 | 2,02+1 |
| 61 | 4,67+0 | 4,53+1 | 3,07+2 | 4,65+2 | 4,30+2 | 3,83+2 | 2,89+2 | 2,62+2 | 1,98+2 | 2,53+1 |
| 63 | 8,51+0 | 5,79+1 | 2,26+2 | 3,53+2 | 3,37+2 | 3,38+2 | 2,34+2 | 1,99+2 | 1,46+2 | 3,24+1 |
| 65 | 1,55+1 | 6,60+1 | 1,23+2 | 1,97+2 | 1,99+2 | 2,25+2 | 1,54+2 | 1,14+2 | 7,96+1 | 3,71+1 |
| 67 | 2,83+1 | 4,78+1 | 9,22+1 | 1,51+2 | 1,60+2 | 1,77+2 | 1,40+2 | 9,02+1 | 6,04+1 | 2,74+1 |
| 69 | 5,15+1 | 3,64+1 | 7,03+1 | 1,25+2 | 1,53+2 | 2,13+2 | 1,57+2 | 8,08+1 | 4,70+1 | 2,20+1 |
| 71 | 9,38+1 | 3,31+1 | 5,45+1 | 1,10+2 | 1,69+2 | 3,12+2 | 2,04+2 | 8,27+1 | 3,85+1 | 2,25+1 |
| 73 | 1,71+2 | 3,26+1 | 4,43+1 | 1,05+2 | 2,06+2 | 4,38+2 | 2,80+2 | 9,78+1 | 3,55+1 | 2,75+1 |
| 75 | 3,11+2 | 3,78+1 | 4,06+1 | 1,13+2 | 2,61+2 | 4,91+2 | 3,77+2 | 1,31+2 | 4,04+1 | 4,18+1 |
| 80 | 1,40+3 | 1,47+2 | 1,02+2 | 2,88+2 | 6,33+2 | 6,92+2 | 8,78+2 | 4,12+2 | 1,50+2 | 2,09+2 |
| 85 | 6,26+3 | 1,26+3 | 9,25+2 | 1,72+3 | 2,72+3 | 2,51+3 | 3,32+3 | 2,18+3 | 1,22+3 | 1,59+3 |
| 90 | 2,81+4 | 1,15+4 | 9,68+3 | 1,13+4 | 1,26+4 | 1,10+4 | 1,34+4 | 1,21+4 | 1,05+4 | 1,23+4 |
| 95 | 9,62+4 | 6,63+4 | 6,17+4 | 5,82+4 | 5,50+4 | 4,11+4 | 5,50+4 | 5,82+4 | 6,17+4 | 6,63+4 |
| 105 | 1,35+5 | 1,06+5 | 1,01+5 | 1,01+5 | 1,02+5 | 1,05+5 | 1,02+5 | 1,01+5 | 1,01+5 | 1,06+5 |

Таблица 226 — Сентябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 5,59+0 | 8,07+0 | 7,11+0 | 4,90+0 | 5,02+0 | 4,53+0 | 3,62+0 | — |
| 50 | — | 1,87+0 | 1,61+1 | 2,30+1 | 2,00+1 | 1,29+1 | 1,41+1 | 1,29+1 | 1,04+1 | 1,04+0 |
| 53 | — | 3,36+0 | 4,12+1 | 5,89+1 | 5,15+1 | 3,40+1 | 3,57+1 | 3,31+1 | 2,66+1 | 1,88+0 |
| 55 | — | 5,00+0 | 9,86+1 | 1,42+2 | 1,25+2 | 8,63+1 | 8,47+1 | 7,99+1 | 6,37+1 | 2,80+0 |
| 57 | 1,41+0 | 1,41+1 | 1,59+2 | 2,32+2 | 2,07+2 | 1,52+2 | 1,40+2 | 1,30+2 | 1,03+2 | 7,90+0 |
| 59 | 2,56+0 | 2,66+1 | 2,34+2 | 3,47+2 | 3,15+2 | 2,52+2 | 2,13+2 | 1,96+2 | 1,51+2 | 1,49+1 |
| 61 | 4,67+0 | 4,03+1 | 3,36+2 | 5,10+2 | 4,73+2 | 4,20+2 | 3,21+2 | 2,87+2 | 2,17+2 | 2,25+1 |
| 63 | 8,51+0 | 5,89+1 | 2,81+2 | 4,38+2 | 4,20+2 | 4,19+2 | 2,95+2 | 2,48+2 | 1,82+2 | 3,30+1 |
| 65 | 1,55+1 | 7,57+1 | 1,66+2 | 2,67+2 | 2,71+2 | 3,04+2 | 2,10+2 | 1,54+2 | 1,08+2 | 4,26+1 |
| 67 | 2,83+1 | 5,96+1 | 1,25+2 | 2,06+2 | 2,22+2 | 2,58+2 | 1,96+2 | 1,24+2 | 8,18+1 | 3,41+1 |
| 69 | 5,15+1 | 4,69+1 | 9,52+1 | 1,73+2 | 2,19+2 | 3,39+2 | 2,28+2 | 1,13+2 | 6,38+1 | 2,85+1 |
| 71 | 9,38+1 | 4,28+1 | 7,39+1 | 1,52+2 | 2,40+2 | 4,73+2 | 2,93+2 | 1,16+2 | 5,25+1 | 2,94+1 |
| 73 | 1,71+2 | 4,23+1 | 6,03+1 | 1,47+2 | 2,99+2 | 7,03+2 | 4,11+2 | 1,39+2 | 4,87+1 | 3,63+1 |
| 75 | 3,11+2 | 4,96+1 | 5,58+1 | 1,60+2 | 3,87+2 | 8,25+2 | 5,62+2 | 1,89+2 | 5,62+1 | 5,56+1 |
| 80 | 1,40+3 | 1,97+2 | 1,44+2 | 4,26+2 | 9,72+2 | 1,29+3 | 1,35+3 | 6,09+2 | 2,14+2 | 2,82+2 |
| 85 | 6,26+3 | 1,70+3 | 1,32+3 | 2,58+3 | 4,32+3 | 5,21+3 | 5,27+3 | 3,27+3 | 1,74+3 | 2,14+3 |
| 90 | 2,81+4 | 1,55+4 | 1,38+4 | 1,71+4 | 2,01+4 | 2,34+4 | 2,13+4 | 1,83+4 | 1,50+4 | 1,66+4 |
| 95 | 9,62+4 | 8,93+4 | 8,79+4 | 8,59+4 | 8,40+4 | 7,46+4 | 8,40+4 | 8,59+4 | 8,79+4 | 8,93+4 |
| 105 | 1,35+5 | 1,42+5 | 1,44+5 | 1,45+5 | 1,46+5 | 1,54+5 | 1,46+5 | 1,45+5 | 1,44+5 | 1,42+5 |

Т а б л и ц а 227 — Сентябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и f_oF_2 , ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 10,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 5,90+0 | 8,50+0 | 7,42+0 | 5,03+0 | 5,02+0 | 4,66+0 | 4,09+0 | — |
| 50 | — | 2,72+0 | 4,33+1 | 6,16+1 | 5,30+1 | 3,37+1 | 3,46+1 | 3,38+1 | 3,01+1 | 1,89+0 |
| 53 | — | 7,53+0 | 1,01+2 | 1,44+2 | 1,24+2 | 8,09+1 | 8,08+1 | 7,87+1 | 6,98+1 | 5,23+0 |
| 55 | — | 1,41+1 | 1,51+2 | 2,18+2 | 1,90+2 | 1,29+2 | 1,23+2 | 1,19+2 | 1,05+2 | 9,82+0 |
| 57 | 1,27+0 | 2,29+1 | 1,80+2 | 2,63+2 | 2,32+2 | 1,68+2 | 1,52+2 | 1,44+2 | 1,25+2 | 1,60+1 |
| 59 | 2,32+0 | 3,22+1 | 2,20+2 | 3,27+2 | 2,94+2 | 2,31+2 | 1,94+2 | 1,79+2 | 1,53+2 | 2,24+1 |
| 61 | 4,23+0 | 4,02+1 | 2,83+2 | 4,28+2 | 3,94+2 | 3,44+2 | 2,62+2 | 2,35+2 | 1,96+2 | 2,80+1 |
| 63 | 7,71+0 | 5,15+1 | 2,29+2 | 3,56+2 | 3,38+2 | 3,33+2 | 2,32+2 | 1,97+2 | 1,59+2 | 3,59+1 |
| 65 | 1,40+1 | 6,24+1 | 1,42+2 | 2,28+2 | 2,28+2 | 2,53+2 | 1,71+2 | 1,28+2 | 9,88+1 | 4,36+1 |
| 67 | 2,56+1 | 5,01+1 | 1,07+2 | 1,75+2 | 1,85+2 | 2,12+2 | 1,57+2 | 1,02+2 | 7,48+1 | 3,55+1 |
| 69 | 4,66+1 | 4,02+1 | 8,13+1 | 1,45+2 | 1,77+2 | 2,62+2 | 1,76+2 | 9,13+1 | 5,80+1 | 2,95+1 |
| 71 | 8,50+1 | 3,65+1 | 6,28+1 | 1,27+2 | 1,90+2 | 3,63+2 | 2,23+2 | 9,17+1 | 4,70+1 | 2,91+1 |
| 73 | 1,55+2 | 3,56+1 | 5,08+1 | 1,20+2 | 2,29+2 | 5,19+2 | 3,06+2 | 1,07+2 | 4,23+1 | 3,33+1 |
| 75 | 2,82+2 | 4,07+1 | 4,60+1 | 1,26+2 | 2,88+2 | 5,79+2 | 4,11+2 | 1,43+2 | 4,64+1 | 4,70+1 |
| 80 | 1,26+3 | 1,53+2 | 1,10+2 | 3,15+2 | 6,99+2 | 8,55+2 | 9,68+2 | 4,46+2 | 1,62+2 | 2,19+2 |
| 85 | 5,67+3 | 1,34+3 | 1,01+3 | 1,90+3 | 3,04+3 | 2,98+3 | 3,71+3 | 2,41+3 | 1,34+3 | 1,69+3 |
| 90 | 2,54+4 | 1,25+4 | 1,09+4 | 1,28+4 | 1,44+4 | 1,30+4 | 1,52+4 | 1,37+4 | 1,18+4 | 1,34+4 |
| 95 | 8,73+4 | 7,29+4 | 7,04+4 | 6,69+4 | 6,37+4 | 4,94+4 | 6,37+4 | 6,69+4 | 7,04+4 | 7,29+4 |
| 105 | 1,23+5 | 1,16+5 | 1,15+5 | 1,16+5 | 1,18+5 | 1,27+5 | 1,18+5 | 1,16+5 | 1,15+5 | 1,16+5 |

Таблица 228 — Сентябрь, $\bar{W}=100$, $\varphi=55^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_c см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122 0° | 95,0° | 90 0° | 85,0° | 80 0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | н т ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12 0 | 17,1 | 17,7 | 18 2 | 18,8 |
| 45 | — | — | 4,90+0 | 7,06+0 | 6,19+0 | 4,18+0 | 4,37+0 | 3,88+0 | 3,40+0 | — |
| 50 | — | 1,64+0 | 1,42+1 | 2,02+1 | 1,75+1 | 1,11+1 | 1,24+1 | 1,11+1 | 9,86+0 | 1,14+0 |
| 53 | — | 2,97+0 | 3,71+1 | 5,31+1 | 4,62+1 | 2,99+1 | 3,18+1 | 2,92+1 | 2,58+1 | 2,06+0 |
| 55 | — | 4,49+0 | 8,93+1 | 1,29+2 | 1,13+2 | 7,62+1 | 7,55+1 | 7,07+1 | 6,19+1 | 3,13+0 |
| 57 | 1,27+0 | 1,28+1 | 1,42+2 | 2,07+2 | 1,83+2 | 1,32+2 | 1,23+2 | 1,14+1 | 9,84+1 | 8,89+0 |
| 59 | 2,32+0 | 2,39+1 | 2,07+2 | 3,07+2 | 2,77+2 | 2,17+2 | 1,86+2 | 1,69+2 | 1,43+2 | 1,66+1 |
| 61 | 4,23+0 | 3,58+1 | 3,10+2 | 4,70+2 | 4,33+2 | 3,77+2 | 2,91+2 | 2,59+2 | 2,15+2 | 2,49+1 |
| 63 | 7,71+0 | 5,24+1 | 2,86+2 | 4,45+2 | 4,24+2 | 4,16+2 | 2,94+2 | 2,46+2 | 1,99+2 | 3,66+1 |
| 65 | 1,40+1 | 7,18+1 | 1,96+2 | 3,15+2 | 3,15+2 | 3,50+2 | 2,38+2 | 1,77+2 | 1,36+2 | 5,02+1 |
| 67 | 2,56+1 | 6,30+1 | 1,47+2 | 2,45+2 | 2,63+2 | 3,20+2 | 2,25+2 | 1,43+2 | 1,03+2 | 4,47+1 |
| 69 | 4,66+1 | 5,27+1 | 1,12+2 | 2,05+2 | 2,56+2 | 4,15+2 | 2,57+2 | 1,29+2 | 8,02+1 | 3,88+1 |
| 71 | 8,50+1 | 4,80+1 | 8,69+1 | 1,78+2 | 2,74+2 | 5,60+2 | 3,26+2 | 1,31+2 | 6,52+1 | 3,84+1 |
| 73 | 1,55+2 | 4,70+1 | 7,04+1 | 1,71+2 | 3,38+2 | 8,43+2 | 4,55+2 | 1,55+2 | 5,91+1 | 4,43+1 |
| 75 | 2,82+2 | 5,42+1 | 6,43+1 | 1,82+2 | 4,31+2 | 9,78+2 | 6,19+2 | 2,09+2 | 6,56+1 | 6,33+1 |
| 80 | 1,26+3 | 2,08+2 | 1,58+2 | 4,69+2 | 1,08+3 | 1,56+3 | 1,50+3 | 6,67+2 | 2,33+2 | 2,98+2 |
| 85 | 5,67+3 | 1,83+3 | 1,47+3 | 2,90+3 | 4,88+3 | 6,21+3 | 5,95+3 | 3,67+3 | 1,93+3 | 2,30+3 |
| 90 | 2,54+4 | 1,71+4 | 1,58+4 | 1,97+4 | 2,34+4 | 2,82+4 | 2,47+4 | 2,11+4 | 1,71+4 | 1,83+4 |
| 95 | 8,73+4 | 9,94+4 | 1,02+5 | 1,00+5 | 9,90+4 | 9,18+4 | 9,90+4 | 1,00+5 | 1,02+5 | 9,94+4 |
| 105 | 1,23+5 | 1,58+5 | 1,66+5 | 1,69+5 | 1,72+5 | 1,89+5 | 1,72+5 | 1,69+5 | 1,66+5 | 1,58+5 |

Таблица 229 — Сентябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 112,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 2,14+0 | 3,07+0 | 2,65+0 | 1,77+0 | 1,70+0 | 1,63+0 | 1,54+0 | — |
| 50 | — | — | 1,56+1 | 2,22+1 | 1,89+1 | 1,18+1 | 1,19+1 | 1,18+1 | 1,13+1 | — |
| 53 | — | 1,62+0 | 3,71+1 | 5,29+1 | 4,63+1 | 2,90+1 | 2,85+1 | 2,82+1 | 2,67+1 | 1,38+0 |
| 55 | — | 3,06+0 | 5,70+1 | 8,20+1 | 7,07+1 | 4,72+1 | 4,45+1 | 4,36+1 | 4,11+1 | 2,61+0 |
| 57 | — | 5,09+0 | 6,73+1 | 9,80+1 | 8,56+1 | 6,09+1 | 5,41+1 | 5,21+1 | 4,85+1 | 4,33+0 |
| 59 | — | 7,14+0 | 8,10+1 | 1,20+2 | 1,07+2 | 8,24+1 | 6,75+1 | 6,38+1 | 5,83+1 | 6,08+0 |
| 61 | — | 8,85+0 | 1,04+2 | 1,57+2 | 1,43+2 | 1,23+2 | 9,08+1 | 8,39+1 | 7,50+1 | 7,53+0 |
| 63 | — | 1,10+1 | 1,01+2 | 1,56+2 | 1,46+2 | 1,42+2 | 9,35+1 | 8,35+1 | 7,27+1 | 9,35+0 |
| 65 | — | 1,45+1 | 8,10+1 | 1,29+2 | 1,25+2 | 1,40+2 | 8,17+1 | 6,93+1 | 5,84+1 | 1,23+1 |
| 67 | — | 1,42+1 | 6,08+1 | 1,01+2 | 1,03+2 | 1,39+2 | 7,02+1 | 5,47+1 | 4,39+1 | 1,21+1 |
| 69 | — | 1,25+1 | 4,60+1 | 8,32+1 | 9,32+1 | 1,83+2 | 6,88+1 | 4,60+1 | 3,34+1 | 1,08+1 |
| 71 | 1,35+0 | 1,11+1 | 3,50+1 | 6,97+1 | 8,89+1 | 2,56+2 | 7,39+1 | 4,05+1 | 2,57+1 | 9,67+0 |
| 73 | 2,47+0 | 9,97+0 | 2,69+1 | 6,01+1 | 9,07+1 | 3,72+2 | 8,78+1 | 3,86+1 | 2,04+1 | 9,10+0 |
| 75 | 4,49+0 | 9,53+0 | 2,15+1 | 5,27+1 | 9,41+1 | 4,14+2 | 1,06+2 | 4,03+1 | 1,76+1 | 9,51+0 |
| 80 | 2,01+1 | 1,86+1 | 2,35+1 | 7,22+1 | 1,73+2 | 6,38+2 | 2,27+2 | 8,84+1 | 2,92+1 | 2,49+1 |
| 85 | 9,03+1 | 1,41+2 | 1,57+2 | 3,62+2 | 7,10+2 | 2,14+3 | 8,62+2 | 4,53+2 | 2,04+2 | 1,78+2 |
| 90 | 4,62+2 | 1,36+3 | 1,69+3 | 2,46+3 | 3,41+3 | 9,23+3 | 3,61+3 | 2,63+3 | 1,83+3 | 1,46+3 |
| 95 | 2,62+3 | 8,67+3 | 1,10+4 | 1,30+4 | 1,53+4 | 3,59+4 | 1,53+4 | 1,30+4 | 1,10+4 | 8,67+3 |
| 105 | 3,84+3 | 1,39+4 | 1,79+4 | 2,26+4 | 2,84+4 | 9,22+4 | 2,84+4 | 2,26+4 | 1,79+4 | 1,39+4 |

Таблица 230 — Сентябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 122,0° | 95,0° | 90,0° | 85,0° | 80,0° | 52,0° | 80,0° | 85,0° | 90,0° | 95,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 5,0 | 5,6 | 6,3 | 6,9 | 12,0 | 17,1 | 17,7 | 18,2 | 18,8 |
| 45 | — | — | 1,77+0 | 2,54+0 | 2,20+0 | 1,46+0 | 1,43+0 | 1,35+0 | 1,27+0 | — |
| 50 | — | — | 5,19+0 | 7,37+0 | 6,30+0 | 3,92+0 | 4,10+0 | 3,93+0 | 3,74+0 | — |
| 53 | — | — | 1,44+1 | 2,05+1 | 1,76+1 | 1,12+1 | 1,13+1 | 1,09+1 | 1,04+1 | — |
| 55 | — | 1,02+0 | 3,49+1 | 5,02+1 | 4,33+1 | 2,89+1 | 2,76+1 | 2,67+1 | 2,51+1 | — |
| 57 | — | 2,94+0 | 5,37+1 | 7,82+1 | 6,84+1 | 4,86+1 | 4,36+1 | 4,17+1 | 3,87+1 | 2,50+0 |
| 59 | — | 5,39+0 | 7,63+1 | 1,13+2 | 1,01+2 | 7,76+1 | 6,41+1 | 6,02+1 | 5,50+1 | 4,59+0 |
| 61 | — | 7,93+0 | 1,14+2 | 1,72+2 | 1,57+2 | 1,35+2 | 1,00+2 | 9,19+1 | 8,21+1 | 6,75+0 |
| 63 | — | 1,12+1 | 1,26+2 | 1,95+2 | 1,82+2 | 1,78+2 | 1,17+2 | 1,04+2 | 9,08+1 | 9,51+0 |
| 65 | — | 1,66+1 | 1,13+2 | 1,81+2 | 1,74+2 | 1,96+2 | 1,14+2 | 9,68+1 | 8,15+1 | 1,41+1 |
| 67 | — | 1,79+1 | 8,48+1 | 1,43+2 | 1,47+2 | 2,13+2 | 1,01+2 | 7,75+1 | 6,13+1 | 1,53+1 |
| 69 | — | 1,65+1 | 6,42+1 | 1,18+2 | 1,35+2 | 2,88+2 | 1,00+2 | 6,55+1 | 4,66+1 | 1,42+1 |
| 71 | 1,35+0 | 1,46+1 | 4,89+1 | 9,90+1 | 1,29+2 | 4,02+2 | 1,08+2 | 5,78+1 | 3,59+1 | 1,28+1 |
| 73 | 2,47+0 | 1,32+1 | 3,76+1 | 8,60+1 | 1,34+2 | 6,11+2 | 1,31+2 | 5,58+1 | 2,86+1 | 1,21+1 |
| 75 | 4,49+0 | 1,27+1 | 3,01+1 | 7,62+1 | 1,41+2 | 7,03+2 | 1,60+2 | 5,89+1 | 2,48+1 | 1,27+1 |
| 80 | 2,01+1 | 2,54+1 | 3,38+1 | 1,08+2 | 2,67+2 | 1,15+3 | 3,52+2 | 1,33+2 | 4,23+1 | 3,41+1 |
| 85 | 9,03+1 | 1,94+2 | 2,30+2 | 5,58+2 | 1,15+3 | 4,48+3 | 1,40+3 | 6,99+2 | 3,00+2 | 2,45+2 |
| 90 | 4,62+2 | 1,88+3 | 2,48+3 | 3,82+3 | 5,63+3 | 2,05+4 | 5,96+3 | 4,09+3 | 2,68+3 | 2,01+3 |
| 95 | 2,62+3 | 1,19+4 | 1,61+4 | 1,97+4 | 2,42+4 | 6,82+4 | 2,42+4 | 1,97+4 | 1,61+4 | 1,19+4 |
| 105 | 3,84+3 | 1,91+4 | 2,63+4 | 3,33+4 | 4,21+4 | 1,40+5 | 4,21+4 | 3,33+4 | 2,63+4 | 1,91+4 |

Т а б л и ц а 231 — Сентябрь, $\overline{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 2,13+0 | 3,04+0 | 2,66+0 | 1,90+0 | 1,83+0 | 1,76+0 | 1,64+0 |
| 50 | — | 1,56+1 | 2,19+1 | 1,89+1 | 1,27+1 | 1,28+1 | 1,27+1 | 1,20+1 |
| 53 | — | 3,68+1 | 5,21+1 | 4,51+1 | 3,09+1 | 3,05+1 | 3,01+1 | 2,84+1 |
| 55 | — | 5,63+1 | 8,04+1 | 7,02+1 | 5,01+1 | 4,76+1 | 4,64+1 | 4,33+1 |
| 57 | — | 6,65+1 | 9,64+1 | 8,55+1 | 6,48+1 | 5,81+1 | 5,57+1 | 5,13+1 |
| 59 | — | 8,03+1 | 1,19+2 | 1,07+2 | 8,81+1 | 7,31+1 | 6,86+1 | 6,19+1 |
| 61 | — | 1,03+2 | 1,56+2 | 1,44+2 | 1,31+2 | 9,86+1 | 9,01+1 | 7,93+1 |
| 63 | — | 9,79+1 | 1,52+2 | 1,45+2 | 1,49+2 | 1,01+2 | 8,83+1 | 7,54+1 |
| 65 | — | 7,62+1 | 1,23+2 | 1,22+2 | 1,42+2 | 8,65+1 | 7,15+1 | 5,88+1 |
| 67 | — | 5,72+1 | 9,62+1 | 1,01+2 | 1,37+2 | 7,52+1 | 5,67+1 | 4,42+1 |
| 69 | 1,72+0 | 4,34+1 | 7,99+1 | 9,38+1 | 1,79+2 | 7,62+1 | 4,84+1 | 3,37+1 |
| 71 | 3,13+0 | 3,30+1 | 6,81+1 | 9,31+1 | 2,52+2 | 8,56+1 | 4,38+1 | 2,61+1 |
| 73 | 5,70+0 | 2,56+1 | 6,02+1 | 9,97+1 | 3,65+2 | 1,06+2 | 4,34+1 | 2,10+1 |
| 75 | 1,04+1 | 2,08+1 | 5,47+1 | 1,08+2 | 4,07+2 | 1,30+2 | 4,73+1 | 1,87+1 |
| 80 | 4,65+1 | 2,70+1 | 8,70+1 | 2,14+2 | 6,23+2 | 2,82+2 | 1,12+2 | 3,58+1 |
| 85 | 2,09+2 | 2,01+2 | 4,63+2 | 8,89+2 | 2,10+3 | 1,07+3 | 5,79+2 | 2,63+2 |
| 90 | 9,91+2 | 2,18+3 | 3,12+3 | 4,25+3 | 9,07+3 | 4,48+3 | 3,34+3 | 2,36+3 |
| 95 | 4,41+3 | 1,41+4 | 1,64+4 | 1,89+4 | 3,52+4 | 1,89+4 | 1,64+4 | 1,41+4 |
| 105 | 6,36+3 | 2,31+4 | 2,87+4 | 3,56+4 | 9,03+4 | 3,56+4 | 2,87+4 | 2,31+4 |

Таблица 232 — Сентябрь, $\overline{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и Z, ч | | | | | | | |
| | 0.0 | 5.6 | 6.3 | 7.0 | 12.0 | 17.0 | 17.7 | 18.2 |
| 45 | — | 1,76+0 | 2,52+0 | 2,21+0 | 1,57+0 | 1,55+0 | 1,45+0 | 1,36+0 |
| 50 | — | 5,16+0 | 7,27+0 | 6,28+0 | 4,19+0 | 4,42+0 | 4,20+0 | 3,98+0 |
| 53 | — | 1,41+1 | 2,00+1 | 1,73+1 | 1,19+1 | 1,20+1 | 1,16+1 | 1,09+1 |
| 55 | — | 3,42+1 | 4,89+1 | 4,28+1 | 3,05+1 | 2,93+1 | 2,83+1 | 2,64+1 |
| 57 | — | 5,30+1 | 7,68+1 | 6,82+1 | 5,16+1 | 4,68+1 | 4,44+1 | 4,08+1 |
| 59 | — | 7,56+1 | 1,12+2 | 1,01+2 | 8,29+1 | 6,95+1 | 6,46+1 | 5,83+1 |
| 61 | — | 1,13+2 | 1,71+2 | 1,58+2 | 1,43+2 | 1,09+2 | 9,87+1 | 8,69+1 |
| 63 | — | 1,22+2 | 1,90+2 | 1,82+2 | 1,86+2 | 1,26+2 | 1,10+2 | 9,43+1 |
| 65 | — | 1,06+2 | 1,71+2 | 1,70+2 | 1,98+2 | 1,21+2 | 9,97+1 | 8,20+1 |
| 67 | — | 7,98+1 | 1,36+2 | 1,45+2 | 2,10+2 | 1,09+2 | 8,03+1 | 6,17+1 |
| 69 | 1,72+0 | 6,05+1 | 1,14+2 | 1,36+2 | 2,32+2 | 1,12+2 | 6,90+1 | 4,70+1 |
| 71 | 3,13+0 | 4,61+1 | 9,69+1 | 1,36+2 | 3,94+2 | 1,26+2 | 6,26+1 | 3,64+1 |
| 73 | 5,70+0 | 3,58+1 | 8,65+1 | 1,48+2 | 5,99+2 | 1,59+2 | 6,29+1 | 2,94+1 |
| 75 | 1,04+1 | 2,92+1 | 7,95+1 | 1,64+2 | 6,89+2 | 1,99+2 | 6,95+1 | 2,63+1 |
| 80 | 4,65+1 | 3,89+1 | 1,30+2 | 3,33+2 | 1,12+3 | 4,41+2 | 1,69+2 | 5,19+1 |
| 85 | 2,09+2 | 2,94+2 | 7,17+2 | 1,46+3 | 4,39+3 | 1,76+3 | 8,98+2 | 3,86+2 |
| 90 | 9,91+2 | 3,19+3 | 4,88+3 | 7,10+3 | 2,01+4 | 7,49+3 | 5,22+3 | 3,45+3 |
| 95 | 4,41+3 | 2,07+4 | 2,50+4 | 3,01+4 | 6,66+4 | 3,01+4 | 2,50+4 | 2,07+4 |
| 105 | 6,36+3 | 3,38+4 | 4,23+4 | 5,27+4 | 1,36+5 | 5,27+4 | 4,23+4 | 3,38+4 |

Таблица 233 — Сентябрь, $\bar{W}=10$, $\varphi=60^\circ$ с ш, $\lambda=165^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 1,96+0 | 2,81+0 | 2,45+0 | 1,74+0 | 1,67+0 | 1,61+0 | 1,52+0 |
| 50 | — | 1,44+1 | 2,02+1 | 1,74+1 | 1,16+1 | 1,17+1 | 1,16+1 | 1,11+1 |
| 53 | — | 3,42+1 | 4,84+1 | 4,18+1 | 2,86+1 | 2,81+1 | 2,78+1 | 2,64+1 |
| 55 | — | 5,25+1 | 7,50+1 | 6,54+1 | 4,66+1 | 4,41+1 | 4,31+1 | 4,06+1 |
| 57 | — | 6,20+1 | 8,98+1 | 7,95+1 | 6,01+1 | 5,36+1 | 5,16+1 | 4,79+1 |
| 59 | — | 7,45+1 | 1,10+2 | 9,93+1 | 8,13+1 | 6,72+1 | 6,33+1 | 5,76+1 |
| 61 | — | 9,59+1 | 1,45+2 | 1,34+2 | 1,21+2 | 9,09+1 | 8,34+1 | 7,42+1 |
| 63 | — | 9,34+1 | 1,45+2 | 1,38+2 | 1,41+2 | 9,46+1 | 8,37+1 | 7,22+1 |
| 65 | — | 7,55+1 | 1,22+2 | 1,20+2 | 1,40+2 | 8,37+1 | 7,03+1 | 5,84+1 |
| 67 | — | 5,67+1 | 9,57+1 | 9,99+1 | 1,40+2 | 7,24+1 | 5,58+1 | 4,39+1 |
| 69 | — | 4,29+1 | 7,95+1 | 9,25+1 | 1,84+2 | 7,18+1 | 4,73+1 | 3,34+1 |
| 71 | 1,12+0 | 3,27+1 | 6,73+1 | 9,01+1 | 2,58+2 | 7,78+1 | 4,20+1 | 2,57+1 |
| 73 | 2,03+0 | 2,51+1 | 5,87+1 | 9,37+1 | 3,75+2 | 9,28+1 | 4,02+1 | 2,04+1 |
| 75 | 3,70+0 | 2,01+1 | 5,19+1 | 9,77+1 | 4,17+2 | 1,11+2 | 4,16+1 | 1,74+1 |
| 80 | 1,66+1 | 2,22+1 | 7,22+1 | 1,79+2 | 6,43+2 | 2,32+2 | 8,91+1 | 2,82+1 |
| 85 | 7,44+1 | 1,50+2 | 3,62+2 | 7,29+2 | 2,16+3 | 8,77+2 | 4,51+2 | 1,95+2 |
| 90 | 3,91+2 | 1,61+3 | 2,43+3 | 3,49+3 | 9,30+3 | 3,68+3 | 2,60+3 | 1,75+3 |
| 95 | 2,38+3 | 1,05+4 | 1,28+4 | 1,56+4 | 3,62+4 | 1,56+4 | 1,28+4 | 1,05+4 |
| 105 | 3,50+3 | 1,71+4 | 2,24+4 | 2,93+4 | 9,29+4 | 2,93+4 | 2,24+4 | 1,71+4 |

Таблица 234 — Сентябрь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=165^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 1,63+0 | 2,32+0 | 2,03+0 | 1,44+0 | 1,41+0 | 1,33+0 | 1,26+0 |
| 50 | — | 4,78+0 | 6,73+0 | 5,80+0 | 3,86+0 | 4,03+0 | 3,87+0 | 3,70+0 |
| 53 | — | 1,33+1 | 1,88+1 | 1,62+1 | 1,11+1 | 1,12+1 | 1,09+1 | 1,02+1 |
| 55 | — | 3,22+1 | 4,60+1 | 4,02+1 | 2,86+1 | 2,73+1 | 2,65+1 | 2,49+1 |
| 57 | — | 4,95+1 | 7,18+1 | 6,36+1 | 4,80+1 | 4,32+1 | 4,13+1 | 3,83+1 |
| 59 | — | 7,02+1 | 1,04+2 | 9,36+1 | 7,66+1 | 6,38+1 | 5,97+1 | 5,43+1 |
| 61 | — | 1,05+2 | 1,59+2 | 1,47+2 | 1,33+2 | 1,00+2 | 9,14+1 | 8,12+1 |
| 63 | — | 1,17+2 | 1,81+2 | 1,73+2 | 1,76+2 | 1,19+2 | 1,05+2 | 9,02+1 |
| 65 | — | 1,05+2 | 1,70+2 | 1,68+2 | 1,96+2 | 1,17+2 | 9,81+1 | 8,15+1 |
| 67 | — | 7,91+1 | 1,35+2 | 1,44+2 | 2,14+2 | 1,05+2 | 7,91+1 | 6,13+1 |
| 69 | — | 5,99+1 | 1,13+2 | 1,35+2 | 2,90+2 | 1,05+2 | 6,75+1 | 4,66+1 |
| 71 | 1,12+0 | 4,56+1 | 9,58+1 | 1,31+2 | 4,04+2 | 1,14+2 | 6,00+1 | 3,59+1 |
| 73 | 2,03+0 | 3,51+1 | 8,44+1 | 1,39+2 | 6,16+2 | 1,39+2 | 5,81+1 | 2,85+1 |
| 75 | 3,70+0 | 2,81+1 | 7,53+1 | 1,47+2 | 7,08+2 | 1,69+2 | 6,10+1 | 2,46+1 |
| 80 | 1,66+1 | 3,20+1 | 1,08+2 | 2,78+2 | 1,16+3 | 3,63+2 | 1,34+2 | 4,09+1 |
| 85 | 7,44+1 | 2,19+2 | 5,61+2 | 1,20+3 | 4,51+3 | 1,44+3 | 7,00+2 | 2,87+2 |
| 90 | 3,91+2 | 2,37+3 | 3,82+3 | 5,84+3 | 2,07+4 | 6,17+3 | 4,08+3 | 2,56+3 |
| 95 | 2,38+3 | 1,54+4 | 1,96+4 | 2,48+4 | 6,87+4 | 2,48+4 | 1,96+4 | 1,54+4 |
| 105 | 3,51+3 | 2,51+4 | 3,31+4 | 4,35+4 | 1,41+5 | 4,35+4 | 3,31+4 | 2,51+4 |

Таблица 235 — Сентябрь, $\overline{W} = 10$, $\varphi = 60^\circ$ с. ш., $\lambda = 215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 4,43+0 | 6,34+0 | 5,59+0 | 4,03+0 | 4,01+0 | 3,73+0 | 3,32+0 |
| 50 | — | 3,25+1 | 4,59+1 | 3,98+1 | 2,69+1 | 2,76+1 | 2,70+1 | 2,44+1 |
| 53 | — | 7,57+1 | 1,07+2 | 9,35+1 | 6,48+1 | 6,48+1 | 6,31+1 | 5,68+1 |
| 55 | — | 1,14+2 | 1,63+2 | 1,43+2 | 1,04+2 | 9,94+1 | 9,60+1 | 8,54+1 |
| 57 | — | 1,36+2 | 1,97+2 | 1,76+2 | 1,35+2 | 1,23+2 | 1,16+2 | 1,02+2 |
| 59 | 1,60+0 | 1,66+2 | 2,45+2 | 2,23+2 | 1,85+2 | 1,57+2 | 1,44+2 | 1,24+2 |
| 61 | 2,91+0 | 2,12+2 | 3,22+2 | 3,01+2 | 2,75+2 | 2,12+2 | 1,90+2 | 1,59+2 |
| 63 | 5,31+0 | 1,78+2 | 2,78+2 | 2,69+2 | 2,76+2 | 1,95+2 | 1,65+2 | 1,34+2 |
| 65 | 9,67+0 | 1,16+2 | 1,87+2 | 1,91+2 | 2,20+2 | 1,49+2 | 1,13+2 | 8,70+1 |
| 67 | 1,76+1 | 8,70+1 | 1,45+2 | 1,56+2 | 1,89+2 | 1,36+2 | 8,99+1 | 6,58+1 |
| 69 | 3,21+1 | 6,62+1 | 1,21+2 | 1,52+2 | 2,36+2 | 1,52+2 | 8,05+1 | 5,09+1 |
| 71 | 5,85+1 | 5,12+1 | 1,07+2 | 1,65+2 | 3,29+2 | 1,92+2 | 8,05+1 | 4,10+1 |
| 73 | 1,07+2 | 4,13+1 | 1,02+2 | 2,00+2 | 4,71+2 | 2,63+2 | 9,33+1 | 3,64+1 |
| 75 | 1,94+2 | 3,73+1 | 1,07+2 | 2,48+2 | 5,25+2 | 3,48+2 | 1,22+2 | 3,91+1 |
| 80 | 8,71+2 | 8,79+1 | 2,62+2 | 5,88+2 | 7,82+2 | 8,01+2 | 3,69+2 | 1,30+2 |
| 85 | 3,90+3 | 8,13+2 | 1,57+3 | 2,53+3 | 2,71+3 | 3,06+3 | 1,98+3 | 1,07+3 |
| 90 | 1,75+4 | 8,79+3 | 1,05+4 | 1,20+4 | 1,17+4 | 1,26+4 | 1,12+4 | 9,52+3 |
| 95 | 6,05+4 | 5,68+4 | 5,47+4 | 5,27+4 | 4,50+4 | 5,27+4 | 5,47+4 | 5,68+4 |
| 105 | 8,51+4 | 9,27+4 | 9,60+4 | 9,93+4 | 1,15+5 | 9,93+4 | 9,60+4 | 9,27+4 |

Таблица 236 — Сентябрь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0.0 | 5.6 | 6.3 | 7.0 | 12.0 | 17.0 | 17.7 | 18.2 |
| 45 | — | 3,68+0 | 5,27+0 | 4,66+0 | 3,34+0 | 3,48+0 | 3,10+0 | 2,76+0 |
| 50 | — | 1,07+1 | 1,51+1 | 1,32+1 | 8,85+0 | 9,84+0 | 8,90+0 | 8,01+0 |
| 53 | — | 2,81+1 | 3,98+1 | 3,50+1 | 2,41+1 | 2,55+1 | 2,35+1 | 2,11+1 |
| 55 | — | 6,77+1 | 9,69+1 | 8,56+1 | 6,15+1 | 6,09+1 | 5,71+1 | 5,07+1 |
| 57 | — | 1,07+2 | 1,55+2 | 1,39+2 | 1,06+2 | 9,90+1 | 9,17+1 | 8,03+1 |
| 59 | 1,60+0 | 1,56+2 | 2,30+2 | 2,10+2 | 1,74+2 | 1,50+2 | 1,36+2 | 1,17+2 |
| 61 | 2,91+0 | 2,33+2 | 3,53+2 | 3,31+2 | 3,02+2 | 2,36+2 | 2,09+2 | 1,75+2 |
| 63 | 5,31+0 | 2,23+2 | 3,47+2 | 3,37+2 | 3,44+2 | 2,47+2 | 2,06+2 | 1,67+2 |
| 65 | 9,67+0 | 1,60+2 | 2,59+2 | 2,65+2 | 3,05+2 | 2,08+2 | 1,56+2 | 1,20+2 |
| 67 | 1,76+1 | 1,20+2 | 2,03+2 | 2,24+2 | 2,86+2 | 1,96+2 | 1,27+2 | 9,12+1 |
| 69 | 3,21+1 | 9,17+1 | 1,72+2 | 2,21+2 | 3,73+2 | 2,24+2 | 1,15+2 | 7,06+1 |
| 71 | 5,85+1 | 7,10+1 | 1,51+2 | 2,39+2 | 5,08+2 | 2,82+2 | 1,15+2 | 5,70+1 |
| 73 | 1,07+2 | 5,75+1 | 1,46+2 | 2,97+2 | 7,67+2 | 3,94+2 | 1,36+2 | 5,09+1 |
| 75 | 1,94+2 | 5,23+1 | 1,55+2 | 3,75+2 | 8,88+2 | 5,28+2 | 1,79+2 | 5,53+1 |
| 80 | 8,71+2 | 1,27+2 | 3,93+2 | 9,16+2 | 1,43+3 | 1,25+3 | 5,55+2 | 1,88+2 |
| 85 | 3,90+3 | 1,18+3 | 2,41+3 | 4,12+3 | 5,64+3 | 4,98+3 | 3,04+3 | 1,55+3 |
| 90 | 1,75+4 | 1,28+4 | 1,63+4 | 1,98+4 | 2,56+4 | 2,09+4 | 1,74+4 | 1,38+4 |
| 95 | 6,05+4 | 8,24+4 | 8,27+4 | 8,29+4 | 8,39+4 | 8,29+4 | 8,27+4 | 8,24+4 |
| 105 | 8,51+4 | 1,35+5 | 1,40+5 | 1,46+5 | 1,72+5 | 1,46+5 | 1,40+5 | 1,35+5 |

Т а б л и ц а 237 — Сентябрь, $\bar{W}=10$, $\varphi=60^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 5,70+0 | 8,17+0 | 7,27+0 | 5,34+0 | 5,27+0 | 4,95+0 | 3,89+0 |
| 50 | — | 4,20+1 | 5,93+1 | 5,19+1 | 3,59+1 | 3,66+1 | 3,59+1 | 2,87+1 |
| 53 | — | 9,64+1 | 1,37+2 | 1,20+2 | 8,52+1 | 8,48+1 | 8,30+1 | 6,59+1 |
| 55 | — | 1,43+2 | 2,06+2 | 1,83+2 | 1,34+2 | 1,29+2 | 1,25+2 | 9,80+1 |
| 57 | 1,18+0 | 1,72+2 | 2,50+2 | 2,25+2 | 1,76+2 | 1,59+2 | 1,51+2 | 1,17+2 |
| 59 | 2,15+0 | 2,12+2 | 3,14+2 | 2,88+2 | 2,44+2 | 2,05+2 | 1,90+2 | 1,45+2 |
| 61 | 3,91+0 | 2,57+2 | 3,91+2 | 3,68+2 | 3,44+2 | 2,64+2 | 2,37+2 | 1,76+2 |
| 63 | 7,12+0 | 1,90+2 | 2,97+2 | 2,90+2 | 3,03+2 | 2,14+2 | 1,81+2 | 1,30+2 |
| 65 | 1,30+1 | 1,02+2 | 1,66+2 | 1,72+2 | 2,01+2 | 1,40+2 | 1,03+2 | 7,03+1 |
| 67 | 2,37+1 | 7,71+1 | 1,27+2 | 1,38+2 | 1,58+2 | 1,26+2 | 8,17+1 | 5,33+1 |
| 69 | 4,31+1 | 5,87+1 | 1,06+2 | 1,34+2 | 1,91+2 | 1,41+2 | 7,35+1 | 4,15+1 |
| 71 | 7,85+1 | 4,56+1 | 9,52+1 | 1,52+2 | 2,84+2 | 1,85+2 | 7,57+1 | 3,39+1 |
| 73 | 1,43+2 | 3,71+1 | 9,21+1 | 1,87+2 | 3,97+2 | 2,53+2 | 8,93+1 | 3,12+1 |
| 75 | 2,61+2 | 3,43+1 | 9,96+1 | 2,37+2 | 4,46+2 | 3,38+2 | 1,19+2 | 3,54+1 |
| 80 | 1,17+3 | 8,81+1 | 2,56+2 | 5,59+2 | 6,24+2 | 7,64+2 | 3,65+2 | 1,31+2 |
| 85 | 5,24+3 | 8,01+2 | 1,51+3 | 2,38+3 | 2,27+3 | 2,88+3 | 1,91+3 | 1,06+3 |
| 90 | 2,35+4 | 8,35+3 | 9,83+3 | 1,10+4 | 1,00+4 | 1,16+4 | 1,05+4 | 9,05+3 |
| 95 | 8,07+4 | 5,31+4 | 5,02+4 | 4,75+4 | 3,73+4 | 4,75+4 | 5,02+4 | 5,31+4 |
| 105 | 1,14+5 | 8,67+4 | 8,80+4 | 8,93+4 | 9,51+4 | 8,93+4 | 8,80+4 | 8,67+4 |

Таблица 238 — Сентябрь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 11,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5 6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 4,75+0 | 6,81+0 | 6,08+0 | 4,45+0 | 4,54+0 | 4,13+0 | 3,25+0 |
| 50 | — | 1,37+1 | 1,93+1 | 1,70+1 | 1,17+1 | 1,28+1 | 1,17+1 | 9,35+0 |
| 53 | — | 3,49+1 | 4,96+1 | 4,38+1 | 3,08+1 | 3,22+1 | 3,01+1 | 2,38+1 |
| 55 | — | 8,35+1 | 1,20+2 | 1,07+2 | 7,83+1 | 7,68+1 | 7,27+1 | 5,71+1 |
| 57 | 1,18+0 | 1,35+2 | 1,96+2 | 1,77+2 | 1,38+2 | 1,27+2 | 1,19+2 | 9,20+1 |
| 59 | 2,15+0 | 1,98+2 | 2,94+2 | 2,71+2 | 2,29+2 | 1,95+2 | 1,79+2 | 1,36+2 |
| 61 | 3,91+0 | 2,82+2 | 4,29+2 | 4,05+2 | 3,78+2 | 2,92+2 | 2,61+2 | 1,93+2 |
| 63 | 7,12+0 | 2,36+2 | 3,68+2 | 3,61+2 | 3,76+2 | 2,68+2 | 2,25+2 | 1,61+2 |
| 65 | 1,30+1 | 1,38+2 | 2,24+2 | 2,33+2 | 2,71+2 | 1,90+2 | 1,40+2 | 9,49+1 |
| 67 | 2,36+1 | 1,04+2 | 1,73+2 | 1,92+2 | 2,30+2 | 1,76+2 | 1,12+2 | 7,20+1 |
| 69 | 4,31+1 | 7,94+1 | 1,47+2 | 1,93+2 | 3,04+2 | 2,06+2 | 1,03+2 | 5,62+1 |
| 71 | 7,85+1 | 6,16+1 | 1,32+2 | 2,16+2 | 4,30+2 | 2,66+2 | 1,06+2 | 4,61+1 |
| 73 | 1,43+2 | 5,04+1 | 1,29+2 | 2,73+2 | 6,37+2 | 3,73+2 | 1,27+2 | 4,27+1 |
| 75 | 2,61+2 | 4,70+1 | 1,42+2 | 3,53+2 | 7,48+2 | 5,05+2 | 1,72+2 | 4,91+1 |
| 80 | 1,17+3 | 1,25+2 | 3,80+2 | 8,67+2 | 1,17+3 | 1,19+3 | 5,41+2 | 1,86+2 |
| 85 | 5,24+3 | 1,14+3 | 2,29+3 | 3,83+3 | 4,72+3 | 4,63+3 | 2,88+3 | 1,50+3 |
| 90 | 2,35+4 | 1,19+4 | 1,49+4 | 1,78+4 | 2,12+4 | 1,88+4 | 1,59+4 | 1,29+4 |
| 95 | 8,07+4 | 7,57+4 | 7,43+4 | 7,29+4 | 6,74+4 | 7,29+4 | 7,43+4 | 7,57+4 |
| 105 | 1,14+5 | 1,23+5 | 1,26+5 | 1,28+5 | 1,39+5 | 1,28+5 | 1,26+5 | 1,23+5 |

Т а б л и ц а 239 — Сентябрь, $\bar{W} = 10$, $\varphi = 60^\circ$ с. ш., $\lambda = 285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 3,21+0 | 4,61+0 | 4,12+0 | 3,06+0 | 2,96+0 | 2,84+0 | 2,07+0 |
| 50 | — | 2,37+1 | 3,35+1 | 2,94+1 | 2,06+1 | 2,08+1 | 2,06+1 | 1,52+1 |
| 53 | — | 5,43+1 | 7,72+1 | 6,81+1 | 4,87+1 | 4,82+1 | 4,74+1 | 3,49+1 |
| 55 | — | 8,05+1 | 1,16+2 | 1,03+2 | 7,67+1 | 7,28+1 | 7,10+1 | 5,17+1 |
| 57 | — | 9,65+1 | 1,41+2 | 1,27+2 | 1,00+2 | 9,01+1 | 8,64+1 | 6,20+1 |
| 59 | — | 1,19+2 | 1,77+2 | 1,63+2 | 1,40+2 | 1,16+2 | 1,09+2 | 7,66+1 |
| 61 | — | 1,36+2 | 2,07+2 | 1,95+2 | 1,85+2 | 1,40+2 | 1,27+2 | 8,75+1 |
| 63 | 1,43+0 | 9,97+1 | 1,56+2 | 1,52+2 | 1,62+2 | 1,11+2 | 9,63+1 | 6,41+1 |
| 65 | 2,60+0 | 5,31+1 | 8,60+1 | 8,84+1 | 1,06+2 | 6,91+1 | 5,38+1 | 3,42+1 |
| 67 | 4,74+0 | 3,99+1 | 6,56+1 | 7,01+1 | 8,42+1 | 5,97+1 | 4,20+1 | 2,59+1 |
| 69 | 8,63+0 | 3,03+1 | 5,44+1 | 6,63+1 | 1,02+2 | 6,40+1 | 3,67+1 | 2,00+1 |
| 71 | 1,57+1 | 2,33+1 | 4,86+1 | 7,36+1 | 1,66+2 | 8,22+1 | 3,62+1 | 1,60+1 |
| 73 | 2,87+1 | 1,85+1 | 4,49+1 | 8,53+1 | 2,30+2 | 1,08+2 | 3,96+1 | 1,40+1 |
| 75 | 5,22+1 | 1,62+1 | 4,53+1 | 1,03+2 | 2,59+2 | 1,41+2 | 4,90+1 | 1,46+1 |
| 80 | 2,34+2 | 3,24+1 | 9,89+1 | 2,27+2 | 3,49+2 | 3,08+2 | 1,37+2 | 4,62+1 |
| 85 | 1,05+3 | 2,70+2 | 5,56+2 | 9,54+2 | 1,31+3 | 1,15+3 | 7,00+2 | 3,55+2 |
| 90 | 4,74+3 | 2,75+3 | 3,54+3 | 4,34+3 | 5,81+3 | 4,58+3 | 3,79+3 | 2,97+3 |
| 95 | 1,71+4 | 1,73+4 | 1,79+4 | 1,85+4 | 2,13+4 | 1,85+4 | 1,79+4 | 1,73+4 |
| 105 | 2,41+4 | 2,83+4 | 3,14+4 | 3,48+4 | 5,42+4 | 3,48+4 | 3,14+4 | 2,83+4 |

Таблица 240 — Сентябрь, $\bar{W}=100$, $\varphi=60^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и z , ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 2,68+0 | 3,85+0 | 3,44+0 | 2,55+0 | 2,52+0 | 2,37+0 | 1,72+0 |
| 50 | — | 7,71+0 | 1,09+1 | 9,62+0 | 6,70+0 | 7,06+0 | 6,71+0 | 4,96+0 |
| 53 | — | 1,95+1 | 2,78+1 | 2,46+1 | 1,75+1 | 1,79+1 | 1,71+1 | 1,26+1 |
| 55 | — | 4,67+1 | 6,70+1 | 5,99+1 | 4,45+1 | 4,29+1 | 4,12+1 | 3,00+1 |
| 57 | — | 7,56+1 | 1,10+2 | 9,97+1 | 7,87+1 | 7,14+1 | 6,77+1 | 4,86+1 |
| 59 | — | 1,12+2 | 1,66+2 | 1,53+2 | 1,31+2 | 1,10+2 | 1,02+2 | 7,18+1 |
| 61 | — | 1,49+2 | 2,27+2 | 2,15+2 | 2,03+2 | 1,54+2 | 1,40+2 | 9,59+1 |
| 63 | 1,43+0 | 1,23+2 | 1,93+2 | 1,89+2 | 2,00+2 | 1,38+2 | 1,19+2 | 7,92+1 |
| 65 | 2,60+0 | 7,05+1 | 1,14+2 | 1,18+2 | 1,41+2 | 9,24+1 | 7,15+1 | 4,55+1 |
| 67 | 4,74+0 | 5,30+1 | 8,80+1 | 9,52+1 | 1,19+2 | 8,19+1 | 5,65+1 | 3,44+1 |
| 69 | 8,63+0 | 4,03+1 | 7,46+1 | 9,41+1 | 1,63+2 | 9,19+1 | 5,05+1 | 2,66+1 |
| 71 | 1,57+1 | 3,10+1 | 6,60+1 | 1,03+2 | 2,48+2 | 1,16+2 | 4,97+1 | 2,13+1 |
| 73 | 2,87+1 | 2,47+1 | 6,20+1 | 1,23+2 | 3,65+2 | 1,57+2 | 5,54+1 | 1,88+1 |
| 75 | 5,22+1 | 2,17+1 | 6,36+1 | 1,52+2 | 4,32+2 | 2,09+2 | 6,98+1 | 1,99+1 |
| 80 | 2,34+2 | 4,52+1 | 1,45+2 | 3,51+2 | 6,62+2 | 4,77+2 | 2,02+2 | 6,46+1 |
| 85 | 1,05+3 | 3,80+2 | 8,32+2 | 1,52+3 | 2,72+3 | 1,83+3 | 1,05+3 | 5,00+2 |
| 90 | 4,74+3 | 3,86+3 | 5,31+3 | 6,91+3 | 1,21+4 | 7,30+3 | 5,67+3 | 4,19+3 |
| 95 | 1,71+4 | 2,44+4 | 2,61+4 | 2,80+4 | 3,78+4 | 2,80+4 | 2,61+4 | 2,44+4 |
| 105 | 2,41+4 | 3,98+4 | 4,43+4 | 4,94+4 | 7,84+4 | 4,94+4 | 4,43+4 | 3,98+4 |

Т а б л и ц а 241 — Сентябрь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=320^\circ$

| h км | Концентрация электронов N_p , см $^{-3}$ при χ | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и f_oF_2 | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 7,14+0 | 1,02+1 | 9,09+0 | 6,65+0 | 6,59+0 | 6,16+0 | 5,02+0 |
| 50 | — | 5,26+1 | 7,43+1 | 6,48+1 | 4,46+1 | 4,56+1 | 4,46+1 | 3,70+1 |
| 53 | — | 1,21+2 | 1,72+2 | 1,51+2 | 1,06+2 | 1,06+2 | 1,03+2 | 8,52+1 |
| 55 | — | 1,80+2 | 2,59+2 | 2,29+2 | 1,68+2 | 1,61+2 | 1,55+2 | 1,27+2 |
| 57 | 1,76+0 | 2,16+2 | 3,14+2 | 2,82+2 | 2,19+2 | 1,99+2 | 1,89+2 | 1,52+2 |
| 59 | 3,21+0 | 2,66+2 | 3,93+2 | 3,61+2 | 3,04+2 | 2,56+2 | 2,37+2 | 1,87+2 |
| 61 | 5,84+0 | 3,32+2 | 5,04+2 | 4,74+2 | 4,41+2 | 3,38+2 | 3,04+2 | 2,34+2 |
| 63 | 1,06+1 | 2,47+2 | 3,86+2 | 3,77+2 | 3,92+2 | 2,78+2 | 2,34+2 | 1,74+2 |
| 65 | 1,94+1 | 1,36+2 | 2,20+2 | 2,27+2 | 2,64+2 | 1,85+2 | 1,36+2 | 9,57+1 |
| 67 | 3,53+1 | 1,02+2 | 1,68+2 | 1,83+2 | 2,09+2 | 1,67+2 | 1,08+2 | 7,26+1 |
| 69 | 6,44+1 | 7,78+1 | 1,41+2 | 1,79+2 | 2,52+2 | 1,90+2 | 9,74+1 | 5,65+1 |
| 71 | 1,17+2 | 6,04+1 | 1,26+2 | 2,01+2 | 3,59+2 | 2,46+2 | 1,00+2 | 4,63+1 |
| 73 | 2,14+2 | 4,94+1 | 1,22+2 | 2,49+2 | 5,05+2 | 3,39+2 | 1,20+2 | 4,27+1 |
| 75 | 3,89+2 | 4,60+1 | 1,33+2 | 3,17+2 | 5,67+2 | 4,53+2 | 1,61+2 | 4,87+1 |
| 80 | 1,75+3 | 1,21+2 | 3,50+2 | 7,56+2 | 8,07+2 | 1,03+3 | 4,99+2 | 1,81+2 |
| 85 | 7,82+3 | 1,12+3 | 2,09+3 | 3,24+3 | 2,90+3 | 3,91+3 | 2,63+3 | 1,48+3 |
| 90 | 3,51+4 | 1,18+4 | 1,37+4 | 1,50+4 | 1,27+4 | 1,59+4 | 1,46+4 | 1,28+4 |
| 95 | 1,20+5 | 7,56+4 | 7,02+4 | 6,53+4 | 4,77+4 | 6,53+4 | 7,02+4 | 7,56+4 |
| 105 | 1,69+5 | 1,23+5 | 1,23+5 | 1,23+5 | 1,22+5 | 1,23+5 | 1,23+5 | 1,23+5 |

Т а б л и ц а 242 — Сентябрь, $\bar{W} = 100$, $\varphi = 60^\circ$ с. ш., $\lambda = 320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 5,95+0 | 8,53+0 | 7,60+0 | 5,54+0 | 5,70+0 | 5,14+0 | 4,19+0 |
| 50 | — | 1,72+1 | 2,43+1 | 2,13+1 | 1,46+1 | 1,60+1 | 1,46+1 | 1,21+1 |
| 53 | — | 4,40+1 | 6,25+1 | 5,52+1 | 3,86+1 | 4,06+1 | 3,77+1 | 3,09+1 |
| 55 | — | 1,05+2 | 1,51+2 | 1,34+2 | 9,81+1 | 9,67+1 | 9,10+1 | 7,42+1 |
| 57 | 1,76+0 | 1,69+2 | 2,46+2 | 2,22+2 | 1,72+2 | 1,60+2 | 1,48+2 | 1,19+2 |
| 59 | 3,20+0 | 2,49+2 | 3,69+2 | 3,40+2 | 2,85+2 | 2,44+2 | 2,23+2 | 1,75+2 |
| 61 | 5,84+0 | 3,65+2 | 5,53+2 | 5,22+2 | 4,84+2 | 3,76+2 | 3,34+2 | 2,57+2 |
| 63 | 1,06+1 | 3,08+2 | 4,81+2 | 4,70+2 | 4,87+2 | 3,49+2 | 2,92+2 | 2,17+2 |
| 65 | 1,94+1 | 1,84+2 | 2,99+2 | 3,10+2 | 3,59+2 | 2,54+2 | 1,85+2 | 1,30+2 |
| 67 | 3,53+1 | 1,39+2 | 2,32+2 | 2,57+2 | 3,07+2 | 2,37+2 | 1,49+2 | 9,88+1 |
| 69 | 6,44+1 | 1,06+2 | 1,96+2 | 2,58+2 | 4,00+2 | 2,77+2 | 1,37+2 | 7,71+1 |
| 71 | 1,17+2 | 8,23+1 | 1,75+2 | 2,87+2 | 5,46+2 | 3,57+2 | 1,41+2 | 6,34+1 |
| 73 | 2,14+2 | 6,76+1 | 1,73+2 | 3,65+2 | 8,14+2 | 5,02+2 | 1,72+2 | 5,89+1 |
| 75 | 3,89+2 | 6,35+1 | 1,92+2 | 4,74+2 | 9,52+2 | 6,82+2 | 2,34+2 | 6,80+1 |
| 80 | 1,75+3 | 1,73+2 | 5,20+2 | 1,17+3 | 1,50+3 | 1,61+3 | 7,43+2 | 2,59+2 |
| 85 | 7,82+3 | 1,61+3 | 3,17+3 | 5,22+3 | 6,02+3 | 6,31+3 | 4,00+3 | 2,12+3 |
| 90 | 3,51+4 | 1,69+4 | 2,09+4 | 2,45+4 | 2,71+4 | 2,58+4 | 2,23+4 | 1,84+4 |
| 95 | 1,20+5 | 1,08+5 | 1,05+5 | 1,01+5 | 8,69+4 | 1,01+5 | 1,05+5 | 1,08+5 |
| 105 | 1,69+5 | 1,77+5 | 1,77+5 | 1,78+5 | 1,79+5 | 1,78+5 | 1,77+5 | 1,77+5 |

Т а б л и ц а 243 — Сентябрь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 5,6 | 6,3 | 7,0 | 12,0 | 17,0 | 17,7 | 18,2 |
| 45 | — | 3,31+0 | 4,73+0 | 4,17+0 | 2,99+0 | 2,97+0 | 2,77+0 | 2,51+0 |
| 50 | — | 2,43+1 | 3,42+1 | 2,96+1 | 2,00+1 | 2,05+1 | 2,00+1 | 1,84+1 |
| 53 | — | 5,68+1 | 8,04+1 | 6,99+1 | 4,83+1 | 4,82+1 | 4,71+1 | 4,30+1 |
| 55 | — | 8,58+1 | 1,23+2 | 1,08+2 | 7,75+1 | 7,42+1 | 7,18+1 | 6,50+1 |
| 57 | — | 1,02+2 | 1,48+2 | 1,32+2 | 1,01+2 | 9,13+1 | 8,66+1 | 7,72+1 |
| 59 | — | 1,24+2 | 1,83+2 | 1,67+2 | 1,38+2 | 1,16+2 | 1,07+2 | 9,40+1 |
| 61 | 1,53+0 | 1,59+2 | 2,40+2 | 2,24+2 | 2,04+2 | 1,57+2 | 1,41+2 | 1,20+2 |
| 63 | 2,78+0 | 1,39+2 | 2,17+2 | 2,09+2 | 2,14+2 | 1,50+2 | 1,28+2 | 1,05+2 |
| 65 | 5,07+0 | 9,61+1 | 1,55+2 | 1,57+2 | 1,82+2 | 1,20+2 | 9,25+1 | 7,30+1 |
| 67 | 9,24+0 | 7,22+1 | 1,21+2 | 1,29+2 | 1,62+2 | 1,08+2 | 7,38+1 | 5,51+1 |
| 69 | 1,68+1 | 5,49+1 | 1,01+2 | 1,24+2 | 2,04+2 | 1,19+2 | 6,53+1 | 4,25+1 |
| 71 | 3,07+1 | 4,23+1 | 8,80+1 | 1,32+2 | 2,87+2 | 1,48+2 | 6,39+1 | 3,39+1 |
| 73 | 5,59+1 | 3,38+1 | 8,23+1 | 1,57+2 | 4,13+2 | 1,99+2 | 7,17+1 | 2,93+1 |
| 75 | 1,02+2 | 2,97+1 | 8,37+1 | 1,90+2 | 4,61+2 | 2,61+2 | 9,05+1 | 3,01+1 |
| 80 | 4,56+2 | 6,26+1 | 1,91+2 | 4,40+2 | 6,92+2 | 5,97+2 | 2,66+2 | 9,11+1 |
| 85 | 2,05+3 | 5,64+2 | 1,13+3 | 1,89+3 | 2,36+3 | 2,28+3 | 1,42+3 | 7,43+2 |
| 90 | 9,21+3 | 6,12+3 | 7,60+3 | 8,96+3 | 1,03+4 | 9,46+3 | 8,12+3 | 6,63+3 |
| 95 | 3,23+4 | 3,96+4 | 3,96+4 | 3,96+4 | 3,96+4 | 3,96+4 | 3,96+4 | 3,96+4 |
| 105 | 4,55+4 | 6,47+4 | 6,95+4 | 7,47+4 | 1,01+5 | 7,47+4 | 6,95+4 | 6,47+4 |

Таблица 244 — Сентябрь, $\bar{W}=100$, $\varphi=60^\circ$ с ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 117,0° | 90,0° | 85,0° | 80,0° | 57,0° | 80,0° | 85,0° | 90,0° |
| | и t ч | | | | | | | |
| | 0.0 | 5.6 | 6.3 | 7.0 | 12.0 | 17.0 | 17.7 | 18.2 |
| 45 | — | 2,75+0 | 3,93+0 | 3,47+0 | 2,48+0 | 2,56+0 | 2,30+0 | 2,08+0 |
| 50 | — | 8,00+0 | 1,13+1 | 9,83+0 | 6,59+0 | 7,26+0 | 6,62+0 | 6,06+0 |
| 53 | — | 2,12+1 | 3,01+1 | 2,63+1 | 1,81+1 | 1,90+1 | 1,77+1 | 1,61+1 |
| 55 | — | 5,12+1 | 7,33+1 | 6,46+1 | 4,63+1 | 4,56+1 | 4,30+1 | 3,88+1 |
| 57 | — | 8,06+1 | 1,17+2 | 1,05+2 | 7,96+1 | 7,38+1 | 6,86+1 | 6,11+1 |
| 59 | — | 1,17+2 | 1,72+2 | 1,57+2 | 1,30+2 | 1,11+2 | 1,01+2 | 8,84+1 |
| 61 | 1,53+0 | 1,74+2 | 2,63+2 | 2,46+2 | 2,24+2 | 1,74+2 | 1,55+2 | 1,32+2 |
| 63 | 2,78+0 | 1,74+2 | 2,71+2 | 2,62+2 | 2,68+2 | 1,90+2 | 1,60+2 | 1,32+2 |
| 65 | 5,07+0 | 1,33+2 | 2,15+2 | 2,18+2 | 2,52+2 | 1,67+2 | 1,29+2 | 1,01+2 |
| 67 | 9,24+0 | 1,00+2 | 1,70+2 | 1,85+2 | 2,46+2 | 1,57+2 | 1,04+2 | 7,66+1 |
| 69 | 1,68+1 | 7,63+1 | 1,43+2 | 1,81+2 | 3,23+2 | 1,75+2 | 9,31+1 | 5,91+1 |
| 71 | 3,07+1 | 5,88+1 | 1,25+2 | 1,92+2 | 4,46+2 | 2,17+2 | 9,14+1 | 4,72+1 |
| 73 | 5,59+1 | 4,71+1 | 1,18+2 | 2,33+2 | 6,74+2 | 2,98+2 | 1,04+2 | 4,11+1 |
| 75 | 1,02+2 | 4,17+1 | 1,22+2 | 2,88+2 | 7,79+2 | 3,97+2 | 1,34+2 | 4,26+1 |
| 80 | 4,56+2 | 9,03+1 | 2,87+2 | 6,86+2 | 1,26+3 | 9,32+2 | 4,01+2 | 1,32+2 |
| 85 | 2,05+3 | 8,21+2 | 1,74+3 | 3,08+3 | 4,96+3 | 3,72+3 | 2,19+3 | 1,08+3 |
| 90 | 9,21+3 | 8,92+3 | 1,18+4 | 1,49+4 | 2,26+4 | 1,57+4 | 1,26+4 | 9,66+3 |
| 95 | 3,23+4 | 5,77+4 | 6,01+4 | 6,25+4 | 7,42+4 | 6,25+4 | 6,01+4 | 5,77+4 |
| 105 | 4,55+4 | 9,42+4 | 1,02+5 | 1,10+5 | 1,52+5 | 1,10+5 | 1,02+5 | 9,42+4 |

Таблица 245 — Сентябрь, $\bar{W}=10$, $\varphi=65^\circ$ с ш, $\lambda=90^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85 0° | 80,0° | 62,0° | 80,0° | 85 0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 3,45+0 | 4,90+0 | 4,38+0 | 3,37+0 | 3,36+0 | 3,13+0 | 2,81+0 |
| 50 | — | 2,53+1 | 3,53+1 | 3,10+1 | 2,26+1 | 2,31+1 | 2,26+1 | 2,06+1 |
| 53 | — | 5,90+1 | 8,29+1 | 7,31+1 | 5,44+1 | 5,43+1 | 5,30+1 | 4,81+1 |
| 55 | — | 8,90+1 | 1,26+2 | 1,13+2 | 8,71+1 | 8,38+1 | 8,09+1 | 7,26+1 |
| 57 | — | 1,06+2 | 1,53+2 | 1,39+2 | 1,13+2 | 1,04+2 | 9,79+1 | 8,64+1 |
| 59 | 1,12+0 | 1,29+2 | 1,90+2 | 1,77+2 | 1,55+2 | 1,33+2 | 1,22+2 | 1,05+2 |
| 61 | 2,04+0 | 1,65+2 | 2,51+2 | 2,40+2 | 2,30+2 | 1,81+2 | 1,61+2 | 1,35+2 |
| 63 | 3,72+0 | 1,42+2 | 2,23+2 | 2,22+2 | 2,37+2 | 1,71+2 | 1,44+2 | 1,16+2 |
| 65 | 6,77+0 | 9,58+1 | 1,57+2 | 1,64+2 | 1,96+2 | 1,35+2 | 1,02+2 | 7,84+1 |
| 67 | 1,23+1 | 7,20+1 | 1,22+2 | 1,36+2 | 1,72+2 | 1,22+2 | 8,18+1 | 5,92+1 |
| 69 | 2,25+1 | 5,49+1 | 1,04+2 | 1,35+2 | 2,16+2 | 1,37+2 | 7,36+1 | 4,57+1 |
| 71 | 4,10+1 | 4,24+1 | 9,25+1 | 1,49+2 | 3,03+2 | 1,73+2 | 7,35+1 | 3,66+1 |
| 73 | 7,46+1 | 3,42+1 | 8,92+1 | 1,82+2 | 4,35+2 | 2,35+2 | 8,44+1 | 3,21+1 |
| 75 | 1,36+2 | 3,08+1 | 9,36+1 | 2,24+2 | 4,85+2 | 3,06+2 | 1,08+2 | 3,36+1 |
| 80 | 6,10+2 | 7,15+1 | 2,25+2 | 5,12+2 | 7,27+2 | 6,81+2 | 3,15+2 | 1,06+2 |
| 85 | 2,73+3 | 6,61+2 | 1,33+3 | 2,17+3 | 2,50+3 | 2,58+3 | 1,66+3 | 8,72+2 |
| 90 | 1,23+4 | 7,18+3 | 8,81+3 | 1,02+4 | 1,08+4 | 1,07+4 | 9,41+3 | 7,77+3 |
| 95 | 4,27+4 | 4,64+4 | 4,55+4 | 4,46+4 | 4,17+4 | 4,46+4 | 4,55+4 | 4,64+4 |
| 105 | 6,01+4 | 7,58+4 | 8,07+4 | 8,60+4 | 1,07+5 | 8,60+4 | 8,07+4 | 7,58+4 |

Таблица 246 — Сентябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,86+0 | 4,07+0 | 3,65+0 | 2,80+0 | 2,89+0 | 2,61+0 | 2,33+0 |
| 50 | — | 8,32+0 | 1,16+1 | 1,03+1 | 7,42+0 | 8,16+0 | 7,46+0 | 6,79+0 |
| 53 | — | 2,20+1 | 3,09+1 | 2,75+1 | 2,03+1 | 2,13+1 | 1,98+1 | 1,79+1 |
| 55 | — | 5,30+1 | 7,54+1 | 6,74+1 | 5,19+1 | 5,13+1 | 4,83+1 | 4,33+1 |
| 57 | — | 8,37+1 | 1,21+2 | 1,10+2 | 8,95+1 | 8,36+1 | 7,75+1 | 6,83+1 |
| 59 | 1,12+0 | 1,21+2 | 1,79+2 | 1,67+2 | 1,46+2 | 1,27+2 | 1,15+2 | 9,89+1 |
| 61 | 2,04+0 | 1,81+2 | 2,75+2 | 2,63+2 | 2,53+2 | 2,01+2 | 1,77+2 | 1,48+2 |
| 63 | 3,72+0 | 1,78+2 | 2,79+2 | 2,78+2 | 2,96+2 | 2,17+2 | 1,80+2 | 1,45+2 |
| 65 | 6,77+0 | 1,33+2 | 2,17+2 | 2,28+2 | 2,72+2 | 1,89+2 | 1,42+2 | 1,09+2 |
| 67 | 1,23+1 | 9,99+1 | 1,72+2 | 1,96+2 | 2,61+2 | 1,77+2 | 1,16+2 | 8,22+1 |
| 69 | 2,25+1 | 7,61+1 | 1,47+2 | 1,97+2 | 3,42+2 | 2,02+2 | 1,05+2 | 6,35+1 |
| 71 | 4,10+1 | 5,89+1 | 1,32+2 | 2,17+2 | 4,70+2 | 2,55+2 | 1,05+2 | 5,10+1 |
| 73 | 7,46+1 | 4,76+1 | 1,29+2 | 2,73+2 | 7,10+2 | 3,55+2 | 1,23+2 | 4,49+1 |
| 75 | 1,36+2 | 4,31+1 | 1,37+2 | 3,42+2 | 8,21+2 | 4,70+2 | 1,59+2 | 4,75+1 |
| 80 | 6,09+2 | 1,03+2 | 3,40+2 | 8,07+2 | 1,32+3 | 1,08+3 | 4,77+2 | 1,54+2 |
| 85 | 2,73+3 | 9,61+2 | 2,06+3 | 3,60+3 | 5,22+3 | 4,29+3 | 2,58+3 | 1,27+3 |
| 90 | 1,23+4 | 1,04+4 | 1,38+4 | 1,73+4 | 2,38+4 | 1,82+4 | 1,48+4 | 1,13+4 |
| 95 | 4,27+4 | 6,75+4 | 6,93+4 | 7,12+4 | 7,79+4 | 7,12+4 | 6,93+4 | 6,75+4 |
| 105 | 6,01+4 | 1,10+5 | 1,18+5 | 1,26+5 | 1,60+5 | 1,26+5 | 1,18+5 | 1,10+5 |

Таблица 247 — Сентябрь, $\overline{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 6,92+0 | 9,85+0 | 8,86+0 | 6,91+0 | 6,87+0 | 6,42+0 | 5,32+0 |
| 50 | — | 5,09+1 | 7,12+1 | 6,28+1 | 4,64+1 | 4,74+1 | 4,64+1 | 3,91+1 |
| 53 | — | 1,17+2 | 1,65+2 | 1,47+2 | 1,11+2 | 1,10+2 | 1,08+2 | 9,02+1 |
| 55 | 1,05+0 | 1,75+2 | 2,49+2 | 2,24+2 | 1,75+2 | 1,68+2 | 1,63+2 | 1,35+2 |
| 57 | 1,91+0 | 2,09+2 | 3,03+2 | 2,77+2 | 2,29+2 | 2,09+2 | 1,98+2 | 1,61+2 |
| 59 | 3,48+0 | 2,57+2 | 3,81+2 | 3,56+2 | 3,16+2 | 2,70+2 | 2,49+2 | 1,98+2 |
| 61 | 6,33+0 | 3,25+2 | 4,95+2 | 4,76+2 | 4,64+2 | 3,64+2 | 3,24+2 | 2,50+2 |
| 63 | 1,15+1 | 2,45+2 | 3,85+2 | 3,85+2 | 4,16+2 | 3,03+2 | 2,53+2 | 1,88+2 |
| 65 | 2,10+1 | 1,36+2 | 2,24+2 | 2,39+2 | 2,85+2 | 2,05+2 | 1,50+2 | 1,05+2 |
| 67 | 3,83+1 | 1,02+2 | 1,71+2 | 1,93+2 | 2,27+2 | 1,84+2 | 1,19+2 | 7,97+1 |
| 69 | 6,98+1 | 7,82+1 | 1,45+2 | 1,93+2 | 2,74+2 | 2,10+2 | 1,08+2 | 6,21+1 |
| 71 | 1,27+2 | 6,09+1 | 1,32+2 | 2,21+2 | 3,85+2 | 2,73+2 | 1,13+2 | 5,08+1 |
| 73 | 2,32+2 | 5,00+1 | 1,32+2 | 2,79+2 | 5,44+2 | 3,78+2 | 1,35+2 | 4,67+1 |
| 75 | 4,22+2 | 4,72+1 | 1,46+2 | 3,54+2 | 6,09+2 | 4,98+2 | 1,80+2 | 5,31+1 |
| 80 | 1,89+3 | 1,30+2 | 3,87+2 | 8,22+2 | 8,75+2 | 1,10+3 | 5,48+2 | 1,97+2 |
| 85 | 8,48+3 | 1,22+3 | 2,29+3 | 3,48+3 | 3,12+3 | 4,15+3 | 2,87+3 | 1,61+3 |
| 90 | 3,80+4 | 1,30+4 | 1,49+4 | 1,61+4 | 1,36+4 | 1,70+4 | 1,59+4 | 1,40+4 |
| 95 | 1,30+5 | 8,30+4 | 7,60+4 | 6,95+4 | 5,14+4 | 6,95+4 | 7,60+4 | 8,30+4 |
| 105 | 1,83+5 | 1,36+5 | 1,35+5 | 1,34+5 | 1,31+5 | 1,34+5 | 1,35+5 | 1,36+5 |

Таблица 248 — Сентябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и т. ч. | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 5,76+0 | 8,20+0 | 7,41+0 | 5,75+0 | 5,93+0 | 5,35+0 | 4,43+0 |
| 50 | — | 1,66+1 | 2,33+1 | 2,07+1 | 1,51+1 | 1,66+1 | 1,52+1 | 1,28+1 |
| 53 | — | 4,28+1 | 6,03+1 | 5,38+1 | 4,03+1 | 4,23+1 | 3,94+1 | 3,29+1 |
| 55 | 1,05+0 | 1,03+2 | 1,46+2 | 1,32+2 | 1,02+2 | 1,01+2 | 9,54+1 | 7,89+1 |
| 57 | 1,91+0 | 1,64+2 | 2,38+2 | 2,18+2 | 1,80+2 | 1,68+2 | 1,56+2 | 1,26+2 |
| 59 | 3,48+0 | 2,42+2 | 3,57+2 | 3,35+2 | 2,97+2 | 2,58+2 | 2,34+2 | 1,86+2 |
| 61 | 6,33+0 | 3,57+2 | 5,43+2 | 5,24+2 | 5,09+2 | 4,03+2 | 3,55+2 | 2,75+2 |
| 63 | 1,15+1 | 3,05+2 | 4,80+2 | 4,81+2 | 5,18+2 | 3,82+2 | 3,15+2 | 2,34+2 |
| 65 | 2,10+1 | 1,86+2 | 3,05+2 | 3,27+2 | 3,89+2 | 2,82+2 | 2,04+2 | 1,44+2 |
| 67 | 3,83+1 | 1,40+2 | 2,38+2 | 2,73+2 | 3,35+2 | 2,63+2 | 1,65+2 | 1,09+2 |
| 69 | 6,98+1 | 1,07+2 | 2,05+2 | 2,81+2 | 4,35+2 | 3,09+2 | 1,53+2 | 8,49+1 |
| 71 | 1,27+2 | 8,33+1 | 1,85+2 | 3,18+2 | 5,88+2 | 3,99+2 | 1,59+2 | 6,98+1 |
| 73 | 2,32+2 | 6,87+1 | 1,88+2 | 4,14+2 | 8,78+2 | 5,64+2 | 1,95+2 | 6,47+1 |
| 75 | 4,22+2 | 6,54+1 | 2,11+2 | 5,36+2 | 1,02+3 | 7,56+2 | 2,64+2 | 7,44+1 |
| 80 | 1,89+3 | 1,86+2 | 5,80+2 | 1,29+3 | 1,62+3 | 1,73+3 | 8,24+2 | 2,81+2 |
| 85 | 8,48+3 | 1,76+3 | 3,52+3 | 5,73+3 | 6,49+3 | 6,83+3 | 4,41+3 | 2,32+3 |
| 90 | 3,80+4 | 1,86+4 | 2,30+4 | 2,69+4 | 2,93+4 | 2,83+4 | 2,46+4 | 2,02+4 |
| 95 | 1,30+5 | 1,19+5 | 1,14+5 | 1,09+5 | 9,42+4 | 1,09+5 | 1,14+5 | 1,19+5 |
| 105 | 1,83+5 | 1,95+5 | 1,94+5 | 1,94+5 | 1,94+5 | 1,94+5 | 1,94+5 | 1,95+5 |

Т а б л и ц а 249 — Сентябрь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,72+0 | 3,88+0 | 3,52+0 | 2,80+0 | 2,70+0 | 2,60+0 | 1,85+0 |
| 50 | — | 2,00+1 | 2,81+1 | 2,50+1 | 1,88+1 | 1,90+1 | 1,88+1 | 1,36+1 |
| 53 | — | 4,59+1 | 6,48+1 | 5,80+1 | 4,45+1 | 4,39+1 | 4,34+1 | 3,12+1 |
| 55 | — | 6,81+1 | 9,72+1 | 8,79+1 | 7,00+1 | 6,66+1 | 6,50+1 | 4,63+1 |
| 57 | — | 8,16+1 | 1,18+2 | 1,09+2 | 9,18+1 | 8,28+1 | 7,93+1 | 5,55+1 |
| 59 | — | 1,01+2 | 1,50+2 | 1,41+2 | 1,28+2 | 1,07+2 | 1,00+2 | 6,85+1 |
| 61 | — | 1,13+2 | 1,73+2 | 1,67+2 | 1,67+2 | 1,28+2 | 1,16+2 | 7,71+1 |
| 63 | — | 8,26+1 | 1,30+2 | 1,31+2 | 1,45+2 | 1,01+2 | 8,74+1 | 5,61+1 |
| 65 | 1,43+0 | 4,35+1 | 7,14+1 | 7,55+1 | 9,37+1 | 6,17+1 | 4,84+1 | 2,96+1 |
| 67 | 2,61+0 | 3,27+1 | 5,45+1 | 5,97+1 | 7,47+1 | 5,22+1 | 3,76+1 | 2,24+1 |
| 69 | 4,75+0 | 2,48+1 | 4,57+1 | 5,72+1 | 9,10+1 | 5,53+1 | 3,28+1 | 1,72+1 |
| 71 | 8,65+0 | 1,90+1 | 4,15+1 | 6,49+1 | 1,51+2 | 7,10+1 | 3,23+1 | 1,36+1 |
| 73 | 1,58+1 | 1,51+1 | 3,84+1 | 7,49+1 | 2,07+2 | 9,19+1 | 3,44+1 | 1,17+1 |
| 75 | 2,87+1 | 1,29+1 | 3,81+1 | 8,86+1 | 2,33+2 | 1,17+2 | 4,09+1 | 1,17+1 |
| 80 | 1,29+2 | 2,39+1 | 7,79+1 | 1,84+2 | 3,12+2 | 2,43+2 | 1,07+2 | 3,37+1 |
| 85 | 5,77+2 | 1,93+2 | 4,26+2 | 7,60+2 | 1,18+3 | 9,05+2 | 5,32+2 | 2,54+2 |
| 90 | 2,63+3 | 1,95+3 | 2,67+3 | 3,44+3 | 5,25+3 | 3,61+3 | 2,84+3 | 2,11+3 |
| 95 | 9,88+3 | 1,22+4 | 1,33+4 | 1,44+4 | 1,91+4 | 1,44+4 | 1,33+4 | 1,22+4 |
| 105 | 1,40+4 | 2,00+4 | 2,36+4 | 2,78+4 | 4,87+4 | 2,78+4 | 2,36+4 | 2,00+4 |

Таблица 250 — Сентябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=250^\circ$

| h км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и т ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,27+0 | 3,24+0 | 2,94+0 | 2,33+0 | 2,29+0 | 2,17+0 | 1,54+0 |
| 50 | — | 6,53+0 | 9,16+0 | 8,17+0 | 6,12+0 | 6,36+0 | 6,13+0 | 4,43+0 |
| 53 | — | 1,65+1 | 2,33+1 | 2,09+1 | 1,60+1 | 1,62+1 | 1,56+1 | 1,12+1 |
| 55 | — | 3,95+1 | 5,64+1 | 5,11+1 | 4,06+1 | 3,91+1 | 3,77+1 | 2,68+1 |
| 57 | — | 6,39+1 | 9,27+1 | 8,54+1 | 7,18+1 | 6,53+1 | 6,21+1 | 4,34+1 |
| 59 | — | 9,46+1 | 1,40+2 | 1,32+2 | 1,20+2 | 1,01+2 | 9,40+1 | 6,43+1 |
| 61 | — | 1,24+2 | 1,90+2 | 1,84+2 | 1,83+2 | 1,41+2 | 1,27+2 | 8,45+1 |
| 63 | — | 1,02+2 | 1,61+2 | 1,61+2 | 1,78+2 | 1,26+2 | 1,08+2 | 6,92+1 |
| 65 | 1,43+0 | 5,75+1 | 9,44+1 | 1,00+2 | 1,24+2 | 8,21+1 | 6,41+1 | 3,92+1 |
| 67 | 2,61+0 | 4,32+1 | 7,28+1 | 8,07+1 | 1,04+2 | 7,11+1 | 5,04+1 | 2,96+1 |
| 69 | 4,75+0 | 3,28+1 | 6,26+1 | 8,15+1 | 1,45+2 | 7,97+1 | 4,52+1 | 2,28+1 |
| 71 | 8,65+0 | 2,52+1 | 5,62+1 | 9,07+1 | 2,24+2 | 1,00+2 | 4,42+1 | 1,81+1 |
| 73 | 1,58+1 | 2,00+1 | 5,29+1 | 1,08+2 | 3,28+2 | 1,34+2 | 4,80+1 | 1,56+1 |
| 75 | 2,87+1 | 1,73+1 | 5,35+1 | 1,31+2 | 3,89+2 | 1,74+2 | 5,82+1 | 1,59+1 |
| 80 | 1,29+2 | 3,32+1 | 1,15+2 | 2,88+2 | 5,93+2 | 3,81+2 | 1,58+2 | 4,70+1 |
| 85 | 5,77+2 | 2,71+2 | 6,41+2 | 1,23+3 | 2,45+3 | 1,47+3 | 8,02+2 | 3,56+2 |
| 90 | 2,63+3 | 2,73+3 | 4,02+3 | 5,56+3 | 1,09+4 | 5,85+3 | 4,29+3 | 2,96+3 |
| 95 | 9,88+3 | 1,72+4 | 1,95+4 | 2,21+4 | 3,38+4 | 2,21+4 | 1,95+4 | 1,72+4 |
| 105 | 1,40+4 | 2,80+4 | 3,32+4 | 3,94+4 | 7,02+4 | 3,94+4 | 3,32+4 | 2,80+4 |

Таблица 25 — Сентябрь, $\bar{W}=10$, $\varphi=65^\circ$ с ш, $\lambda=265^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и f_oF_2 , ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,40+0 | 3,43+0 | 3,12+0 | 2,50+0 | 2,39+0 | 2,32+0 | 1,54+0 |
| 50 | — | 1,77+1 | 2,48+1 | 2,22+1 | 1,68+1 | 1,69+1 | 1,68+1 | 1,13+1 |
| 53 | — | 4,05+1 | 5,73+1 | 5,14+1 | 3,98+1 | 3,92+1 | 3,88+1 | 2,60+1 |
| 55 | — | 6,01+1 | 8,58+1 | 7,80+1 | 6,27+1 | 5,94+1 | 5,82+1 | 3,85+1 |
| 57 | — | 7,21+1 | 1,05+2 | 9,67+1 | 8,21+1 | 7,36+1 | 7,09+1 | 4,62+1 |
| 59 | — | 8,90+1 | 1,32+2 | 1,25+2 | 1,14+2 | 9,51+1 | 8,95+1 | 5,70+1 |
| 61 | — | 9,60+1 | 1,46+2 | 1,42+2 | 1,43+2 | 1,09+2 | 9,93+1 | 6,15+1 |
| 63 | — | 6,69+1 | 1,05+2 | 1,06+2 | 1,19+2 | 8,17+1 | 7,16+1 | 4,28+1 |
| 65 | — | 3,33+1 | 5,47+1 | 5,75+1 | 7,28+1 | 4,57+1 | 3,73+1 | 2,14+1 |
| 67 | — | 2,50+1 | 4,16+1 | 4,49+1 | 5,81+1 | 3,71+1 | 2,87+1 | 1,61+1 |
| 69 | — | 1,89+1 | 3,49+1 | 4,25+1 | 7,35+1 | 3,76+1 | 2,46+1 | 1,23+1 |
| 71 | 1,10+0 | 1,44+1 | 3,12+1 | 4,63+1 | 1,24+2 | 4,53+1 | 2,31+1 | 9,54+0 |
| 73 | 2,00+0 | 1,12+1 | 2,77+1 | 4,96+1 | 1,68+2 | 5,44+1 | 2,24+1 | 7,76+0 |
| 75 | 3,64+0 | 9,08+0 | 2,55+1 | 5,43+1 | 1,90+2 | 6,60+1 | 2,39+1 | 7,05+0 |
| 80 | 1,63+1 | 1,16+1 | 3,94+1 | 9,83+1 | 2,45+2 | 1,28+2 | 5,12+1 | 1,48+1 |
| 85 | 7,32+1 | 7,78+1 | 1,95+2 | 3,95+2 | 9,56+2 | 4,69+2 | 2,43+2 | 1,02+2 |
| 90 | 3,71+2 | 7,59+2 | 1,19+3 | 1,76+3 | 4,28+3 | 1,85+3 | 1,27+3 | 8,22+2 |
| 95 | 2,20+3 | 4,73+3 | 5,89+3 | 7,31+3 | 1,53+4 | 7,31+3 | 5,89+3 | 4,73+3 |
| 105 | 3,25+3 | 7,72+3 | 1,04+4 | 1,41+4 | 3,90+4 | 1,41+4 | 1,04+4 | 7,72+3 |

Таблица 252 — Сентябрь. $\bar{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85 0° | 80,0° | 62,0° | 80,0° | 85 0° | 90,0° |
| | и I , ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,4 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,00+0 | 2,86+0 | 2,60+0 | 2,09+0 | 2,00+0 | 1,94+0 | 1,28+0 |
| 50 | — | 5,76+0 | 8,09+0 | 7,23+0 | 5,48+0 | 5,58+0 | 5,48+0 | 3,69+0 |
| 53 | — | 1,46+1 | 2,06+1 | 1,85+1 | 1,43+1 | 1,42+1 | 1,40+1 | 9,34+0 |
| 55 | — | 3,48+1 | 4,98+1 | 4,53+1 | 3,63+1 | 3,46+1 | 3,37+1 | 2,23+1 |
| 57 | — | 5,64+1 | 8,19+1 | 7,57+1 | 6,43+1 | 5,79+1 | 5,55+1 | 3,61+1 |
| 59 | — | 8,35+1 | 1,24+2 | 1,17+2 | 1,07+2 | 8,95+1 | 8,40+1 | 5,35+1 |
| 61 | — | 1,05+2 | 1,60+2 | 1,56+2 | 1,56+2 | 1,19+2 | 1,09+2 | 6,73+1 |
| 63 | — | 8,20+1 | 1,29+2 | 1,30+2 | 1,46+2 | 1,00+2 | 8,78+1 | 5,26+1 |
| 65 | — | 4,33+1 | 7,10+1 | 7,48+1 | 9,45+1 | 5,95+1 | 4,85+1 | 2,78+1 |
| 67 | — | 3,25+1 | 5,45+1 | 5,92+1 | 7,84+1 | 4,92+1 | 3,76+1 | 2,09+1 |
| 69 | — | 2,46+1 | 4,69+1 | 5,92+1 | 1,14+2 | 5,28+1 | 3,31+1 | 1,60+1 |
| 71 | 1,10+0 | 1,88+1 | 4,16+1 | 6,34+1 | 1,82+2 | 6,27+1 | 3,09+1 | 1,24+1 |
| 73 | 2,00+0 | 1,46+1 | 3,75+1 | 7,01+1 | 2,64+2 | 7,79+1 | 3,06+1 | 1,02+1 |
| 75 | 3,64+0 | 1,19+1 | 3,51+1 | 7,90+1 | 3,15+2 | 9,70+1 | 3,33+1 | 9,32+0 |
| 80 | 1,63+1 | 1,58+1 | 5,74+1 | 1,53+2 | 4,72+2 | 2,00+2 | 7,50+1 | 2,04+1 |
| 85 | 7,32+1 | 1,08+2 | 2,91+2 | 6,34+2 | 1,97+3 | 7,54+2 | 3,62+2 | 1,41+2 |
| 90 | 3,71+2 | 1,05+3 | 1,78+3 | 2,81+3 | 8,70+3 | 2,96+3 | 1,89+3 | 1,14+3 |
| 95 | 2,20+3 | 6,56+3 | 8,51+3 | 1,10+4 | 2,66+4 | 1,10+4 | 8,51+3 | 6,56+3 |
| 105 | 3,25+3 | 1,07+4 | 1,45+4 | 1,97+4 | 5,55+4 | 1,97+4 | 1,45+4 | 1,07+4 |

Т а б л и ц а 258 — Сентябрь, $\bar{W}=110$, $\varphi=65^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 3,54+0 | 5,05+0 | 4,57+0 | 3,61+0 | 3,53+0 | 3,35+0 | 2,50+0 |
| 50 | — | 2,61+1 | 3,66+1 | 3,25+1 | 2,43+1 | 2,46+1 | 2,43+1 | 1,84+1 |
| 53 | — | 5,99+1 | 8,44+1 | 7,54+1 | 5,75+1 | 5,70+1 | 5,60+1 | 4,23+1 |
| 55 | — | 8,88+1 | 1,27+2 | 1,14+2 | 9,06+1 | 8,66+1 | 8,41+1 | 6,28+1 |
| 57 | — | 1,06+2 | 1,54+2 | 1,42+2 | 1,19+2 | 1,08+2 | 1,03+2 | 7,52+1 |
| 59 | — | 1,31+2 | 1,95+2 | 1,83+2 | 1,65+2 | 1,39+2 | 1,29+2 | 9,29+1 |
| 61 | 1,52+0 | 1,53+2 | 2,33+2 | 2,26+2 | 2,23+2 | 1,73+2 | 1,55+2 | 1,08+2 |
| 63 | 2,77+0 | 1,13+2 | 4,78+2 | 1,79+2 | 1,96+2 | 1,40+2 | 1,19+2 | 7,98+1 |
| 65 | 5,05+0 | 6,05+1 | 9,93+1 | 1,06+2 | 1,29+2 | 8,93+1 | 6,73+1 | 4,29+1 |
| 67 | 9,21+0 | 4,55+1 | 7,60+1 | 8,46+1 | 1,02+2 | 7,80+1 | 5,28+1 | 3,25+1 |
| 69 | 1,68+1 | 3,46+1 | 6,40+1 | 8,28+1 | 1,24+2 | 8,62+1 | 4,72+1 | 2,52+1 |
| 71 | 3,06+1 | 2,68+1 | 5,87+1 | 9,64+1 | 1,96+2 | 1,14+2 | 4,83+1 | 2,04+1 |
| 73 | 5,57+1 | 2,16+1 | 5,65+1 | 1,17+2 | 2,72+2 | 1,53+2 | 5,51+1 | 1,82+1 |
| 75 | 1,01+2 | 1,96+1 | 5,99+1 | 1,45+2 | 3,06+2 | 2,00+2 | 7,04+1 | 1,99+1 |
| 80 | 4,55+2 | 4,64+1 | 1,44+2 | 3,22+2 | 4,18+2 | 4,29+2 | 2,02+2 | 6,83+1 |
| 85 | 2,04+3 | 4,08+2 | 8,23+2 | 1,35+3 | 1,55+3 | 1,61+3 | 1,03+3 | 5,38+2 |
| 90 | 9,17+3 | 4,19+3 | 5,23+3 | 6,15+3 | 6,86+3 | 6,46+3 | 5,58+3 | 4,54+3 |
| 95 | 3,21+4 | 2,65+4 | 2,63+4 | 2,60+4 | 2,53+4 | 2,60+4 | 2,63+4 | 2,65+4 |
| 105 | 4,52+4 | 4,32+4 | 4,66+4 | 5,01+4 | 6,44+4 | 5,01+4 | 4,66+4 | 4,32+4 |

Таблица 254 — Сентябрь, $\bar{W} = 100$, $\varphi = 65^\circ$ с. ш., $\lambda = 320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | и т. ч. | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 2,95+0 | 4,21+0 | 3,82+0 | 3,01+0 | 3,02+0 | 2,80+0 | 2,09+0 |
| 50 | — | 8,50+0 | 1,19+1 | 1,06+1 | 7,90+0 | 8,41+0 | 7,93+0 | 6,01+0 |
| 53 | — | 2,16+1 | 3,04+1 | 2,73+1 | 2,07+1 | 2,13+1 | 2,02+1 | 1,52+1 |
| 55 | — | 5,16+1 | 7,36+1 | 6,66+1 | 5,26+1 | 5,12+1 | 4,89+1 | 3,65+1 |
| 57 | — | 8,34+1 | 1,21+2 | 1,11+2 | 9,29+1 | 8,54+1 | 8,04+1 | 5,89+1 |
| 59 | — | 1,23+2 | 1,83+2 | 1,72+2 | 1,55+2 | 1,32+2 | 1,22+2 | 8,71+1 |
| 61 | 1,52+0 | 1,68+2 | 2,56+2 | 2,48+2 | 2,44+2 | 1,91+2 | 1,70+2 | 1,19+2 |
| 63 | 2,77+0 | 1,40+2 | 2,20+2 | 2,21+2 | 2,42+2 | 1,75+2 | 1,47+2 | 9,87+1 |
| 65 | 5,05+0 | 8,08+1 | 1,33+2 | 1,42+2 | 1,72+2 | 1,20+2 | 9,00+1 | 5,73+1 |
| 67 | 9,21+0 | 6,08+1 | 1,03+2 | 1,16+2 | 1,46+2 | 1,08+2 | 7,17+1 | 4,34+1 |
| 69 | 1,68+1 | 4,63+1 | 8,86+1 | 1,19+2 | 1,97+2 | 1,25+2 | 6,57+1 | 3,37+1 |
| 71 | 3,06+1 | 3,58+1 | 8,05+1 | 1,36+2 | 2,94+2 | 1,63+2 | 6,69+1 | 2,74+1 |
| 73 | 5,57+1 | 2,91+1 | 7,89+1 | 1,71+2 | 4,33+2 | 2,26+2 | 7,79+1 | 2,47+1 |
| 75 | 1,01+2 | 2,65+1 | 8,52+1 | 2,17+2 | 5,11+2 | 3,00+2 | 1,01+2 | 2,73+1 |
| 80 | 4,55+2 | 6,50+1 | 2,14+2 | 5,05+2 | 7,88+2 | 6,74+2 | 3,01+2 | 9,61+1 |
| 85 | 2,04+3 | 5,76+2 | 1,25+3 | 2,20+3 | 3,22+3 | 2,62+3 | 1,56+3 | 7,60+2 |
| 90 | 9,17+3 | 5,92+3 | 7,95+3 | 1,00+4 | 1,44+4 | 1,06+4 | 8,48+3 | 6,41+3 |
| 95 | 3,21+4 | 3,74+4 | 3,88+4 | 4,01+4 | 4,52+4 | 4,01+4 | 3,88+4 | 3,74+4 |
| 105 | 4,52+4 | 6,11+4 | 6,61+4 | 7,15+4 | 9,36+4 | 7,15+4 | 6,61+4 | 6,11+4 |

Таблица 255 — Сентябрь, $\bar{W}=110$, $\varphi=65^\circ$, с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | h \bar{z} , ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 6,74+0 | 9,59+0 | 8,61+0 | 6,70+0 | 6,67+0 | 6,22+0 | 5,26+0 |
| 50 | — | 4,95+1 | 6,93+1 | 6,10+1 | 4,49+1 | 4,60+1 | 4,50+1 | 3,87+1 |
| 53 | — | 1,14+2 | 1,61+2 | 1,43+2 | 1,07+2 | 1,07+2 | 1,05+2 | 8,94+1 |
| 55 | 1,03+0 | 1,71+2 | 2,44+2 | 2,18+2 | 1,70+2 | 1,64+2 | 1,58+2 | 1,34+2 |
| 57 | 1,88+0 | 2,04+2 | 2,96+2 | 2,70+2 | 2,22+2 | 2,03+2 | 1,92+2 | 1,60+2 |
| 59 | 3,42+0 | 2,51+2 | 3,71+2 | 3,46+2 | 3,07+2 | 2,62+2 | 2,41+2 | 1,96+2 |
| 61 | 6,24+0 | 3,20+2 | 4,87+2 | 4,68+2 | 4,54+2 | 3,56+2 | 3,17+2 | 2,50+2 |
| 63 | 1,14+1 | 2,46+2 | 3,86+2 | 3,86+2 | 4,16+2 | 3,03+2 | 2,53+2 | 1,92+2 |
| 65 | 2,07+1 | 1,41+2 | 2,31+2 | 2,46+2 | 2,93+2 | 2,10+2 | 1,54+2 | 1,10+2 |
| 67 | 3,77+1 | 1,06+2 | 1,77+2 | 2,00+2 | 2,36+2 | 1,90+2 | 1,22+2 | 8,37+1 |
| 69 | 6,87+1 | 8,08+1 | 1,51+2 | 2,00+2 | 2,87+2 | 2,16+2 | 1,12+2 | 6,51+1 |
| 71 | 1,25+2 | 6,28+1 | 1,37+2 | 2,27+2 | 3,98+2 | 2,80+2 | 1,15+2 | 5,32+1 |
| 73 | 2,28+2 | 5,16+1 | 1,36+2 | 2,86+2 | 5,65+2 | 3,87+2 | 1,38+2 | 4,86+1 |
| 75 | 4,16+2 | 4,86+1 | 1,50+2 | 3,63+2 | 6,32+2 | 5,09+2 | 1,84+2 | 5,49+1 |
| 80 | 1,86+3 | 1,33+2 | 3,96+2 | 8,45+2 | 9,17+2 | 1,13+3 | 5,61+2 | 2,00+2 |
| 85 | 8,35+3 | 1,25+3 | 2,35+3 | 3,58+3 | 3,24+3 | 4,27+3 | 2,94+3 | 1,65+3 |
| 90 | 3,74+4 | 1,34+4 | 1,54+4 | 1,67+4 | 1,41+4 | 1,75+4 | 1,64+4 | 1,45+4 |
| 95 | 1,28+5 | 8,58+4 | 7,86+4 | 7,21+4 | 5,36+4 | 7,21+4 | 7,86+4 | 8,58+4 |
| 105 | 1,80+5 | 1,40+5 | 1,39+5 | 1,39+5 | 1,37+5 | 1,39+5 | 1,39+5 | 1,40+5 |

Таблица 256 — Сентябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 112,0° | 90,0° | 85,0° | 80,0° | 62,0° | 80,0° | 85,0° | 90,0° |
| | н т ч | | | | | | | |
| | 0,0 | 5,5 | 6,4 | 7,1 | 12,0 | 16,7 | 17,6 | 18,3 |
| 45 | — | 5,61+0 | 7,98+0 | 7,20+0 | 5,57+0 | 5,76+0 | 5,19+0 | 4,38+0 |
| 50 | — | 1,62+1 | 2,27+1 | 2,01+1 | 1,47+1 | 1,62+1 | 1,48+1 | 1,27+1 |
| 53 | — | 4,19+1 | 5,90+1 | 5,26+1 | 3,92+1 | 4,13+1 | 3,84+1 | 3,27+1 |
| 55 | 1,03+0 | 1,01+2 | 1,43+2 | 1,29+2 | 9,99+1 | 9,89+1 | 9,30+1 | 7,86+1 |
| 57 | 1,88+0 | 1,61+2 | 2,33+2 | 2,13+2 | 1,75+2 | 1,63+2 | 1,51+2 | 1,26+2 |
| 59 | 3,42+0 | 2,35+2 | 3,48+2 | 3,26+2 | 2,88+2 | 2,51+2 | 2,27+2 | 1,84+2 |
| 61 | 6,23+0 | 3,51+2 | 5,35+2 | 5,14+2 | 4,98+2 | 3,96+2 | 3,48+2 | 2,75+2 |
| 63 | 1,14+1 | 3,06+2 | 4,82+2 | 4,83+2 | 5,18+2 | 3,82+2 | 3,15+2 | 2,39+2 |
| 65 | 2,07+1 | 1,93+2 | 3,17+2 | 3,38+2 | 4,01+2 | 2,91+2 | 2,11+2 | 1,51+2 |
| 67 | 3,77+1 | 1,45+2 | 2,47+2 | 2,84+2 | 3,52+2 | 2,72+2 | 1,71+2 | 1,15+2 |
| 69 | 6,87+1 | 1,11+2 | 2,13+2 | 2,91+2 | 4,55+2 | 3,19+2 | 1,59+2 | 8,94+1 |
| 71 | 1,25+2 | 8,63+1 | 1,92+2 | 3,29+2 | 6,10+2 | 4,09+2 | 1,64+2 | 7,33+1 |
| 73 | 2,28+2 | 7,12+1 | 1,94+2 | 4,26+2 | 9,15+2 | 5,79+2 | 2,01+2 | 6,76+1 |
| 75 | 4,16+2 | 6,76+1 | 2,18+2 | 5,51+2 | 1,07+3 | 7,76+2 | 2,71+2 | 7,71+1 |
| 80 | 1,86+3 | 1,90+2 | 5,95+2 | 1,33+3 | 1,69+3 | 1,78+3 | 8,44+2 | 2,88+2 |
| 85 | 8,35+3 | 1,80+3 | 3,62+3 | 5,91+3 | 6,75+3 | 7,04+3 | 4,54+3 | 2,38+3 |
| 90 | 3,74+4 | 1,92+4 | 2,39+4 | 2,79+4 | 3,05+4 | 2,93+4 | 2,55+4 | 2,08+4 |
| 95 | 1,28+5 | 1,24+5 | 1,18+5 | 1,14+5 | 9,87+4 | 1,14+5 | 1,18+5 | 1,24+5 |
| 105 | 1,80+5 | 2,02+5 | 2,02+5 | 2,02+5 | 2,03+5 | 2,02+5 | 2,02+5 | 2,02+5 |

Таблица 257 — Сентябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 6,37+0 | 9,01+0 | 8,25+0 | 6,92+0 | 6,91+0 | 6,49+0 | 5,38+0 |
| 50 | — | 4,68+1 | 6,50+1 | 5,81+1 | 4,64+1 | 4,75+1 | 4,67+1 | 3,96+1 |
| 53 | — | 1,08+2 | 1,51+2 | 1,36+2 | 1,11+2 | 1,11+2 | 1,09+2 | 9,13+1 |
| 55 | 1,05+0 | 1,61+2 | 2,28+2 | 2,09+2 | 1,75+2 | 1,70+2 | 1,64+2 | 1,36+2 |
| 57 | 1,92+0 | 1,93+2 | 2,78+2 | 2,60+2 | 2,29+2 | 2,12+2 | 2,00+2 | 1,63+2 |
| 59 | 3,50+0 | 2,37+2 | 3,51+2 | 3,37+2 | 3,17+2 | 2,77+2 | 2,53+2 | 2,00+2 |
| 61 | 6,37+0 | 3,00+2 | 4,60+2 | 4,56+2 | 4,65+2 | 3,77+2 | 3,32+2 | 2,54+2 |
| 63 | 1,16+1 | 2,26+2 | 3,61+2 | 3,75+2 | 4,18+2 | 3,18+2 | 2,61+2 | 1,91+2 |
| 65 | 2,12+1 | 1,26+2 | 2,12+2 | 2,36+2 | 2,87+2 | 2,16+2 | 1,56+2 | 1,07+2 |
| 67 | 3,86+1 | 9,51+1 | 1,63+2 | 1,92+2 | 2,29+2 | 1,91+2 | 1,24+2 | 8,12+1 |
| 69 | 7,03+1 | 7,26+1 | 1,41+2 | 1,97+2 | 2,77+2 | 2,19+2 | 1,15+2 | 6,32+1 |
| 71 | 1,28+2 | 5,67+1 | 1,32+2 | 2,32+2 | 3,88+2 | 2,87+2 | 1,21+2 | 5,17+1 |
| 73 | 2,33+2 | 4,69+1 | 1,35+2 | 3,00+2 | 5,49+2 | 3,98+2 | 1,46+2 | 4,75+1 |
| 75 | 4,25+2 | 4,49+1 | 1,52+2 | 3,78+2 | 6,15+2 | 5,15+2 | 1,93+2 | 5,38+1 |
| 80 | 1,91+3 | 1,30+2 | 4,03+2 | 8,35+2 | 8,85+2 | 1,08+3 | 5,66+2 | 1,99+2 |
| 85 | 8,54+3 | 1,23+3 | 2,34+3 | 3,47+3 | 3,15+3 | 4,05+3 | 2,91+3 | 1,63+3 |
| 90 | 3,83+4 | 1,31+4 | 1,50+4 | 1,60+4 | 1,38+4 | 1,67+4 | 1,60+4 | 1,42+4 |
| 95 | 1,31+5 | 8,40+4 | 7,55+4 | 6,78+4 | 5,19+4 | 6,78+4 | 7,55+4 | 8,40+4 |
| 105 | 1,84+5 | 1,37+5 | 1,36+5 | 1,35+5 | 1,33+5 | 1,35+5 | 1,36+5 | 1,37+5 |

Т а б л и ц а 258 — Сентябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=30^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и т ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 5,30+0 | 7,50+0 | 6,90+0 | 5,76+0 | 5,94+0 | 5,41+0 | 4,48+0 |
| 50 | — | 1,53+1 | 2,12+1 | 1,92+1 | 1,52+1 | 1,65+1 | 1,53+1 | 1,29+1 |
| 53 | — | 3,94+1 | 5,51+1 | 4,99+1 | 4,04+1 | 4,23+1 | 3,97+1 | 3,33+1 |
| 55 | 1,05+0 | 9,45+1 | 1,34+2 | 1,23+2 | 1,03+2 | 1,02+2 | 9,64+1 | 7,98+1 |
| 57 | 1,92+0 | 1,51+2 | 2,19+2 | 2,05+2 | 1,80+2 | 1,70+2 | 1,58+2 | 1,28+2 |
| 59 | 3,50+0 | 2,22+2 | 3,30+2 | 3,17+2 | 2,97+2 | 2,63+2 | 2,38+2 | 1,88+2 |
| 61 | 6,37+0 | 3,29+2 | 5,05+2 | 5,02+2 | 5,10+2 | 4,17+2 | 3,64+2 | 2,78+2 |
| 63 | 1,16+1 | 2,82+2 | 4,50+2 | 4,68+2 | 5,21+2 | 3,99+2 | 3,26+2 | 2,38+2 |
| 65 | 2,12+1 | 1,73+2 | 2,90+2 | 3,23+2 | 3,92+2 | 2,97+2 | 2,14+2 | 1,46+2 |
| 67 | 3,86+1 | 1,30+2 | 2,27+2 | 2,72+2 | 3,39+2 | 2,74+2 | 1,73+2 | 1,11+2 |
| 69 | 7,03+1 | 9,93+1 | 2,00+2 | 2,90+2 | 4,40+2 | 3,26+2 | 1,63+2 | 8,66+1 |
| 71 | 1,28+2 | 7,76+1 | 1,85+2 | 3,38+2 | 5,93+2 | 4,21+2 | 1,71+2 | 7,11+1 |
| 73 | 2,33+2 | 6,45+1 | 1,93+2 | 4,50+2 | 8,87+2 | 6,00+2 | 2,12+2 | 6,58+1 |
| 75 | 4,25+2 | 6,24+1 | 2,22+2 | 5,79+2 | 1,03+3 | 7,91+2 | 2,84+2 | 7,55+1 |
| 80 | 1,91+3 | 1,86+2 | 6,11+2 | 1,34+3 | 1,63+3 | 1,74+3 | 8,58+2 | 2,84+2 |
| 85 | 8,54+3 | 1,77+3 | 3,66+3 | 5,87+3 | 6,55+3 | 6,86+3 | 4,53+3 | 2,34+3 |
| 90 | 0,83+4 | 1,88+4 | 2,36+4 | 2,75+4 | 2,96+4 | 2,87+4 | 2,51+4 | 2,04+4 |
| 95 | 1,31+5 | 1,21+5 | 1,14+5 | 1,09+5 | 9,52+4 | 1,09+5 | 1,14+5 | 1,21+5 |
| 105 | 1,84+5 | 1,97+5 | 1,97+5 | 1,97+5 | 1,96+5 | 1,97+5 | 1,97+5 | 1,97+5 |

Т а б л и ц а 259 — Сентябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | н т ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 6,12+0 | 8,66+0 | 7,92+0 | 6,63+0 | 6,63+0 | 6,21+0 | 5,26+0 |
| 50 | — | 4,50+1 | 6,24+1 | 5,58+1 | 4,44+1 | 4,55+1 | 4,47+1 | 3,87+1 |
| 53 | — | 1,04+2 | 1,45+2 | 1,31+2 | 1,06+2 | 1,06+2 | 1,04+2 | 8,94+1 |
| 55 | 1,02+0 | 1,56+2 | 2,20+2 | 2,01+2 | 1,68+2 | 1,64+2 | 1,58+2 | 1,34+2 |
| 57 | 1,86+0 | 1,86+2 | 2,68+2 | 2,50+2 | 2,20+2 | 2,04+2 | 1,92+2 | 1,60+2 |
| 59 | 3,38+0 | 2,28+2 | 3,38+2 | 3,23+2 | 3,04+2 | 2,66+2 | 2,43+2 | 1,96+2 |
| 61 | 6,17+0 | 2,91+2 | 4,47+2 | 4,42+2 | 4,50+2 | 3,65+2 | 3,21+2 | 2,50+2 |
| 63 | 1,12+1 | 2,24+2 | 3,58+2 | 3,71+2 | 4,13+2 | 3,14+2 | 2,58+2 | 1,93+2 |
| 65 | 2,05+1 | 1,29+2 | 2,16+2 | 2,40+2 | 2,92+2 | 2,19+2 | 1,59+2 | 1,11+2 |
| 67 | 3,73+1 | 9,71+1 | 1,67+2 | 1,96+2 | 2,36+2 | 1,95+2 | 1,26+2 | 8,43+1 |
| 69 | 6,80+1 | 7,41+1 | 1,44+2 | 2,02+2 | 2,87+2 | 2,24+2 | 1,17+2 | 6,55+1 |
| 71 | 1,24+2 | 5,78+1 | 1,34+2 | 2,36+2 | 3,98+2 | 2,91+2 | 1,22+2 | 5,35+1 |
| 73 | 2,26+2 | 4,78+1 | 1,37+2 | 3,05+2 | 5,65+2 | 4,04+2 | 1,48+2 | 4,88+1 |
| 75 | 4,11+2 | 4,56+1 | 1,54+2 | 3,83+2 | 6,32+2 | 5,21+2 | 1,95+2 | 5,49+1 |
| 80 | 1,84+3 | 1,31+2 | 4,08+2 | 8,50+2 | 9,19+2 | 1,10+3 | 5,72+2 | 2,00+2 |
| 85 | 8,26+3 | 1,25+3 | 2,38+3 | 3,53+3 | 3,24+3 | 4,12+3 | 2,95+3 | 1,65+3 |
| 90 | 3,70+4 | 1,33+4 | 1,53+4 | 1,63+4 | 1,41+4 | 1,71+4 | 1,63+4 | 1,44+4 |
| 95 | 1,27+5 | 8,55+4 | 7,71+4 | 6,95+4 | 5,36+4 | 6,95+4 | 7,71+4 | 8,55+4 |
| 105 | 1,78+5 | 1,40+5 | 1,39+5 | 1,38+5 | 1,37+5 | 1,38+5 | 1,39+5 | 1,40+5 |

Таблица 260 — Сентябрь, $\bar{W}=100$, $\varphi=70$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 83,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и t ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 5,10+0 | 7,21+0 | 6,62+0 | 5,52+0 | 5,70+0 | 5,18+0 | 4,38+0 |
| 50 | — | 1,47+1 | 2,04+1 | 1,84+1 | 1,45+1 | 1,59+1 | 1,47+1 | 1,27+1 |
| 53 | — | 3,81+1 | 5,32+1 | 4,82+1 | 3,89+1 | 4,08+1 | 3,83+1 | 3,27+1 |
| 55 | 1,02+0 | 9,15+1 | 1,29+2 | 1,19+2 | 9,90+1 | 9,85+1 | 9,30+1 | 7,85+1 |
| 57 | 1,86+0 | 1,46+2 | 2,11+2 | 1,97+2 | 1,73+2 | 1,64+2 | 1,52+2 | 1,26+2 |
| 59 | 3,38+0 | 2,14+2 | 3,17+2 | 3,05+2 | 2,85+2 | 2,53+2 | 2,28+2 | 1,84+2 |
| 61 | 6,16+0 | 3,20+2 | 4,90+2 | 4,86+2 | 4,94+2 | 4,04+2 | 3,53+2 | 2,75+2 |
| 63 | 1,12+1 | 2,79+2 | 4,46+2 | 4,64+2 | 5,15+2 | 3,95+2 | 3,22+2 | 2,40+2 |
| 65 | 2,05+1 | 1,77+2 | 2,97+2 | 3,30+2 | 4,01+2 | 3,02+2 | 2,18+2 | 1,53+2 |
| 67 | 3,73+1 | 1,33+2 | 2,33+2 | 2,80+2 | 3,52+2 | 2,80+2 | 1,77+2 | 1,16+2 |
| 69 | 6,80+1 | 1,02+2 | 2,05+2 | 2,97+2 | 4,55+2 | 3,32+2 | 1,67+2 | 9,01+1 |
| 71 | 1,24+2 | 7,95+1 | 1,90+2 | 3,45+2 | 6,11+2 | 4,28+2 | 1,74+2 | 7,37+1 |
| 73 | 2,26+2 | 6,60+1 | 1,97+2 | 4,59+2 | 9,15+2 | 6,10+2 | 2,15+2 | 6,79+1 |
| 75 | 4,11+2 | 6,36+1 | 2,26+2 | 5,89+2 | 1,07+3 | 8,04+2 | 2,88+2 | 7,72+1 |
| 80 | 1,84+3 | 1,88+2 | 6,19+2 | 1,36+3 | 1,69+3 | 1,77+3 | 8,69+2 | 2,87+2 |
| 85 | 8,26+3 | 1,80+3 | 3,71+3 | 5,99+3 | 6,75+3 | 7,00+3 | 4,61+3 | 2,37+3 |
| 90 | 3,70+4 | 1,92+4 | 2,41+4 | 2,81+4 | 3,05+4 | 2,94+4 | 2,56+4 | 2,08+4 |
| 95 | 1,27+5 | 1,23+5 | 1,17+5 | 1,12+5 | 9,88+4 | 1,12+5 | 1,17+5 | 1,23+5 |
| 105 | 1,78+5 | 2,01+5 | 2,02+5 | 2,02+5 | 2,03+5 | 2,02+5 | 2,02+5 | 2,01+5 |

Таблица 261 — Сентябрь, $\bar{W} = 0$, $\varphi = 70^\circ$ с. ш., $\lambda = 180^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 6,37+0 | 9,01+0 | 8,25+0 | 6,92+0 | 6,91+0 | 6,49+0 | 5,39+0 |
| 50 | — | 4,68+1 | 6,50+1 | 5,81+1 | 4,64+1 | 4,75+1 | 4,67+1 | 3,96+1 |
| 53 | — | 1,08+2 | 1,51+2 | 1,36+2 | 1,11+2 | 1,11+2 | 1,09+2 | 9,14+1 |
| 55 | 1,06+0 | 1,61+2 | 2,28+2 | 2,09+2 | 1,75+2 | 1,70+2 | 1,64+2 | 1,36+2 |
| 57 | 1,92+0 | 1,93+2 | 2,78+2 | 2,60+2 | 2,29+2 | 2,12+2 | 2,00+2 | 1,63+2 |
| 59 | 3,51+0 | 2,37+2 | 3,51+2 | 3,37+2 | 3,17+2 | 2,77+2 | 2,53+2 | 2,00+2 |
| 61 | 6,39+0 | 3,00+2 | 4,60+2 | 4,57+2 | 4,65+2 | 3,77+2 | 3,32+2 | 2,54+2 |
| 63 | 1,16+1 | 2,27+2 | 3,62+2 | 3,76+2 | 4,19+2 | 3,18+2 | 2,62+2 | 1,92+2 |
| 65 | 2,12+1 | 1,27+2 | 2,13+2 | 2,37+2 | 2,88+2 | 2,16+2 | 1,57+2 | 1,08+2 |
| 67 | 3,86+1 | 9,55+1 | 1,64+2 | 1,92+2 | 2,30+2 | 1,92+2 | 1,25+2 | 8,17+1 |
| 69 | 7,04+1 | 7,29+1 | 1,42+2 | 1,98+2 | 2,79+2 | 2,20+2 | 1,15+2 | 6,36+1 |
| 71 | 1,28+2 | 5,69+1 | 1,32+2 | 2,33+2 | 3,90+2 | 2,88+2 | 1,21+2 | 5,20+1 |
| 73 | 2,34+2 | 4,71+1 | 1,35+2 | 3,01+2 | 5,51+2 | 3,99+2 | 1,46+2 | 4,77+1 |
| 75 | 4,26+2 | 4,51+1 | 1,52+2 | 3,79+2 | 6,18+2 | 5,16+2 | 1,93+2 | 5,41+1 |
| 80 | 1,91+3 | 1,31+2 | 4,05+2 | 8,39+2 | 8,89+2 | 1,09+3 | 5,68+2 | 1,99+2 |
| 85 | 8,56+3 | 1,24+3 | 2,35+3 | 3,48+3 | 3,16+3 | 4,07+3 | 2,92+3 | 1,64+3 |
| 90 | 3,83+4 | 1,32+4 | 1,51+4 | 1,61+4 | 1,38+4 | 1,68+4 | 1,60+4 | 1,43+4 |
| 95 | 1,31+5 | 8,44+4 | 7,58+4 | 6,81+4 | 5,22+4 | 6,81+4 | 7,58+4 | 8,44+4 |
| 105 | 1,84+5 | 1,38+5 | 1,37+5 | 1,36+5 | 1,33+5 | 1,36+5 | 1,37+5 | 1,38+5 |

Таблица 262 — Сентябрь, $\bar{W}=100$ $\varphi=70^\circ$ с. ш., $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и t ч | | | | | | | |
| | 0.0 | 5.4 | 6.4 | 7.4 | 12.0 | 16.6 | 17.6 | 18.6 |
| 45 | — | 5,30+0 | 7,51+0 | 6,90+0 | 5,76+0 | 5,94+0 | 5,41+0 | 4,48+0 |
| 50 | — | 1,53+1 | 2,12+1 | 1,92+1 | 1,52+1 | 1,65+1 | 1,53+1 | 1,30+1 |
| 53 | — | 3,94+1 | 5,51+1 | 5,00+1 | 4,04+1 | 4,23+1 | 3,97+1 | 3,33+1 |
| 55 | 1,06+0 | 9,45+1 | 1,34+2 | 1,23+2 | 1,03+2 | 1,02+2 | 9,64+1 | 8,00+1 |
| 57 | 1,92+0 | 1,51+2 | 2,19+2 | 2,05+2 | 1,80+2 | 1,70+2 | 1,58+2 | 1,28+2 |
| 59 | 3,50+0 | 2,22+2 | 3,30+2 | 3,17+2 | 2,97+2 | 2,63+2 | 2,38+2 | 1,88+2 |
| 61 | 6,39+0 | 3,30+2 | 5,05+2 | 5,02+2 | 5,11+2 | 4,18+2 | 3,65+2 | 2,79+2 |
| 63 | 1,16+1 | 2,82+2 | 4,51+2 | 4,69+2 | 5,22+2 | 4,00+2 | 3,27+2 | 2,39+2 |
| 65 | 2,12+1 | 1,73+2 | 2,91+2 | 3,25+2 | 3,94+2 | 2,98+2 | 2,15+2 | 1,47+2 |
| 67 | 3,86+1 | 1,31+2 | 2,28+2 | 2,74+2 | 3,41+2 | 2,75+2 | 1,74+2 | 1,12+2 |
| 69 | 7,04+1 | 9,97+1 | 2,01+2 | 2,91+2 | 4,42+2 | 3,27+2 | 1,64+2 | 8,71+1 |
| 71 | 1,28+2 | 7,79+1 | 1,86+2 | 3,39+2 | 5,96+2 | 4,23+2 | 1,72+2 | 7,15+1 |
| 73 | 2,34+2 | 6,48+1 | 1,94+2 | 4,52+2 | 8,91+2 | 6,02+2 | 2,12+2 | 6,61+1 |
| 75 | 4,26+2 | 6,26+1 | 2,23+2 | 5,82+2 | 1,04+3 | 7,94+2 | 2,85+2 | 7,58+1 |
| 80 | 1,91+3 | 1,87+2 | 6,13+2 | 1,35+3 | 1,64+3 | 1,74+3 | 8,62+2 | 2,85+2 |
| 85 | 8,56+3 | 1,78+3 | 3,67+3 | 5,90+3 | 6,58+3 | 6,89+3 | 4,55+3 | 2,35+3 |
| 90 | 3,83+4 | 1,89+4 | 2,37+4 | 2,76+4 | 2,97+4 | 2,88+4 | 2,52+4 | 2,05+4 |
| 95 | 1,31+5 | 1,21+5 | 1,15+5 | 1,09+5 | 9,57+4 | 1,09+5 | 1,15+5 | 1,21+5 |
| 105 | 1,84+5 | 1,98+5 | 1,98+5 | 1,98+5 | 1,97+5 | 1,98+5 | 1,98+5 | 1,98+5 |

Т а б л и ц а 263 — Сентябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и / ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 3,53+0 | 5,01+0 | 4,61+0 | 3,90+0 | 3,85+0 | 3,65+0 | 2,75+0 |
| 50 | — | 2,60+1 | 3,61+1 | 3,25+1 | 2,62+1 | 2,67+1 | 2,64+1 | 2,03+1 |
| 53 | — | 5,96+1 | 8,35+1 | 7,57+1 | 6,22+1 | 6,20+1 | 6,09+1 | 4,65+1 |
| 55 | — | 8,85+1 | 1,26+2 | 1,15+2 | 9,79+1 | 9,45+1 | 9,17+1 | 6,90+1 |
| 57 | — | 1,06+2 | 1,54+2 | 1,44+2 | 1,28+2 | 1,18+2 | 1,12+2 | 8,27+1 |
| 59 | 1,05+0 | 1,31+2 | 1,95+2 | 1,87+2 | 1,78+2 | 1,54+2 | 1,42+2 | 1,02+2 |
| 61 | 1,91+0 | 1,54+2 | 2,36+2 | 2,36+2 | 2,43+2 | 1,95+2 | 1,73+2 | 1,20+2 |
| 63 | 3,49+0 | 1,13+2 | 1,81+2 | 1,89+2 | 2,14+2 | 1,60+2 | 1,33+2 | 8,85+1 |
| 65 | 6,36+0 | 6,09+1 | 1,02+2 | 1,14+2 | 1,41+2 | 1,03+2 | 7,62+1 | 4,77+1 |
| 67 | 1,16+1 | 4,58+1 | 7,85+1 | 9,15+1 | 1,12+2 | 8,93+1 | 6,00+1 | 3,61+1 |
| 69 | 2,11+1 | 3,49+1 | 6,75+1 | 9,26+1 | 1,35+2 | 1,00+2 | 5,45+1 | 2,80+1 |
| 71 | 3,85+1 | 2,71+1 | 6,38+1 | 1,13+2 | 2,11+2 | 1,35+2 | 5,71+1 | 2,27+1 |
| 73 | 7,01+1 | 2,21+1 | 6,35+1 | 1,41+2 | 2,93+2 | 1,84+2 | 6,64+1 | 2,05+1 |
| 75 | 1,28+2 | 2,05+1 | 6,93+1 | 1,75+2 | 3,29+2 | 2,36+2 | 8,51+1 | 2,26+1 |
| 80 | 5,72+2 | 5,28+1 | 1,71+2 | 3,73+2 | 4,52+2 | 4,81+2 | 2,39+2 | 7,92+1 |
| 85 | 2,56+3 | 4,75+2 | 9,71+2 | 1,54+3 | 1,67+3 | 1,80+3 | 1,20+3 | 6,27+2 |
| 90 | 1,15+4 | 4,90+3 | 6,08+3 | 7,02+3 | 7,39+3 | 7,34+3 | 6,47+3 | 5,31+3 |
| 95 | 4,01+4 | 3,10+4 | 3,02+4 | 2,93+4 | 2,73+4 | 2,93+4 | 3,02+4 | 3,10+4 |
| 105 | 5,65+4 | 5,06+4 | 5,44+4 | 5,83+4 | 6,96+4 | 5,83+4 | 5,44+4 | 5,06+4 |

Таблица 264 — Сентябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и f ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 2,94+0 | 4,17+0 | 3,85+0 | 3,25+0 | 3,28+0 | 3,05+0 | 2,29+0 |
| 50 | — | 8,47+0 | 1,18+1 | 1,07+1 | 8,54+0 | 9,08+0 | 8,61+0 | 6,60+0 |
| 53 | — | 2,15+1 | 3,01+1 | 2,74+1 | 2,24+1 | 2,31+1 | 2,20+1 | 1,68+1 |
| 55 | — | 5,14+1 | 7,30+1 | 6,72+1 | 5,69+1 | 5,59+1 | 5,33+1 | 4,01+1 |
| 57 | — | 8,31+1 | 1,20+2 | 1,13+2 | 1,00+2 | 9,38+1 | 8,79+1 | 6,48+1 |
| 59 | 1,05+0 | 1,23+2 | 1,83+2 | 1,76+2 | 1,67+2 | 1,46+2 | 1,33+2 | 9,57+1 |
| 61 | 1,91+0 | 1,69+2 | 2,59+2 | 2,59+2 | 2,66+2 | 2,16+2 | 1,90+2 | 1,32+2 |
| 63 | 3,49+0 | 1,40+2 | 2,25+2 | 2,35+2 | 2,64+2 | 1,99+2 | 1,65+2 | 1,10+2 |
| 65 | 6,36+0 | 8,16+1 | 1,37+2 | 1,53+2 | 1,89+2 | 1,39+2 | 1,02+2 | 6,38+1 |
| 67 | 1,16+1 | 6,14+1 | 1,07+2 | 1,27+2 | 1,60+2 | 1,25+2 | 8,17+1 | 4,84+1 |
| 69 | 2,11+1 | 4,68+1 | 9,42+1 | 1,35+2 | 2,15+2 | 1,48+2 | 7,65+1 | 3,76+1 |
| 71 | 3,85+1 | 3,64+1 | 8,81+1 | 1,61+2 | 3,17+2 | 1,95+2 | 7,96+1 | 3,06+1 |
| 73 | 7,01+1 | 2,98+1 | 8,95+1 | 2,09+2 | 4,68+2 | 2,73+2 | 9,47+1 | 2,78+1 |
| 75 | 1,28+2 | 2,78+1 | 9,96+1 | 2,66+2 | 5,51+2 | 3,59+2 | 1,24+2 | 3,11+1 |
| 80 | 5,72+2 | 7,42+1 | 2,57+2 | 5,98+2 | 8,51+2 | 7,73+2 | 3,60+2 | 1,12+2 |
| 85 | 2,56+3 | 6,73+2 | 1,50+3 | 2,59+3 | 3,47+3 | 3,02+3 | 1,85+3 | 8,87+2 |
| 90 | 1,15+4 | 6,93+3 | 9,39+3 | 1,18+4 | 1,55+4 | 1,24+4 | 1,00+4 | 7,51+3 |
| 95 | 4,01+4 | 4,39+4 | 4,50+4 | 4,61+4 | 4,89+4 | 4,61+4 | 4,50+4 | 4,39+4 |
| 105 | 5,65+4 | 7,17+4 | 7,74+4 | 8,36+4 | 1,01+5 | 8,36+4 | 7,74+4 | 7,17+4 |

Таблица 265 — Сентябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 2,11+0 | 3,00+0 | 2,79+0 | 2,42+0 | 2,32+0 | 2,26+0 | 1,38+0 |
| 50 | — | 1,55+1 | 2,16+1 | 1,97+1 | 1,62+1 | 1,63+1 | 1,63+1 | 1,01+1 |
| 53 | — | 3,56+1 | 5,01+1 | 4,60+1 | 3,85+1 | 3,81+1 | 3,77+1 | 2,33+1 |
| 55 | — | 5,30+1 | 7,54+1 | 7,02+1 | 6,08+1 | 5,81+1 | 5,68+1 | 3,46+1 |
| 57 | — | 6,34+1 | 9,22+1 | 8,74+1 | 7,95+1 | 7,24+1 | 6,94+1 | 4,14+1 |
| 59 | — | 7,82+1 | 1,17+2 | 1,14+2 | 1,10+2 | 9,41+1 | 8,79+1 | 5,10+1 |
| 61 | — | 8,00+1 | 1,23+2 | 1,24+2 | 1,31+2 | 1,03+2 | 9,30+1 | 5,23+1 |
| 63 | — | 5,21+1 | 8,36+1 | 8,78+1 | 1,02+2 | 7,34+1 | 6,31+1 | 3,40+1 |
| 65 | — | 2,39+1 | 4,03+1 | 4,45+1 | 5,75+1 | 3,82+1 | 3,05+1 | 1,56+1 |
| 67 | — | 1,80+1 | 3,08+1 | 3,50+1 | 4,63+1 | 3,11+1 | 2,35+1 | 1,18+1 |
| 69 | — | 1,36+1 | 2,68+1 | 3,57+1 | 6,39+1 | 3,36+1 | 2,09+1 | 9,00+0 |
| 71 | — | 1,04+1 | 2,47+1 | 4,08+1 | 1,06+2 | 4,17+1 | 2,01+1 | 7,00+0 |
| 73 | 1,10+0 | 8,06+0 | 2,23+1 | 4,49+1 | 1,40+2 | 5,03+1 | 1,97+1 | 5,73+0 |
| 75 | 2,00+0 | 6,58+0 | 2,09+1 | 4,99+1 | 1,60+2 | 6,05+1 | 2,10+1 | 5,25+0 |
| 80 | 8,99+0 | 8,83+0 | 3,31+1 | 8,61+1 | 1,96+2 | 1,09+2 | 4,33+1 | 1,15+1 |
| 85 | 4,03+1 | 5,92+1 | 1,63+2 | 3,48+2 | 7,97+2 | 4,05+2 | 2,01+2 | 7,74+1 |
| 90 | 2,22+2 | 5,64+2 | 9,66+2 | 1,54+3 | 3,61+3 | 1,61+3 | 1,03+3 | 6,10+2 |
| 95 | 1,69+3 | 3,48+3 | 4,64+3 | 6,17+3 | 1,26+4 | 6,17+3 | 4,64+3 | 3,48+3 |
| 105 | 2,53+3 | 5,68+3 | 8,35+3 | 1,22+4 | 3,20+4 | 1,22+4 | 8,35+3 | 5,68+3 |

Таблица 266 — Сентябрь, $\overline{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при u | | | | | | | |
|-------|--|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 1,76+0 | 2,50+0 | 2,33+0 | 2,01+0 | 1,94+0 | 1,88+0 | 1,15+0 |
| 50 | — | 5,06+0 | 7,06+0 | 6,44+0 | 5,29+0 | 5,38+0 | 5,32+0 | 3,30+0 |
| 53 | — | 1,29+1 | 1,81+1 | 1,66+1 | 1,39+1 | 1,39+1 | 1,36+1 | 8,41+0 |
| 55 | — | 3,08+1 | 4,39+1 | 4,09+1 | 3,54+1 | 3,39+1 | 3,31+1 | 2,01+1 |
| 57 | — | 4,97+1 | 7,22+1 | 6,86+1 | 6,24+1 | 5,69+1 | 5,44+1 | 3,25+1 |
| 59 | — | 7,33+1 | 1,09+2 | 1,07+2 | 1,04+2 | 8,85+1 | 8,25+1 | 4,79+1 |
| 61 | — | 8,75+1 | 1,35+2 | 1,36+2 | 1,43+2 | 1,13+2 | 1,02+2 | 5,71+1 |
| 63 | — | 6,34+1 | 1,02+2 | 1,07+2 | 1,24+2 | 8,94+1 | 7,68+1 | 4,14+1 |
| 66 | — | 3,03+1 | 5,10+1 | 5,65+1 | 7,29+1 | 4,86+1 | 3,87+1 | 1,98+1 |
| 67 | — | 2,28+1 | 3,91+1 | 4,48+1 | 5,96+1 | 3,99+1 | 3,00+1 | 1,49+1 |
| 69 | — | 1,73+1 | 3,51+1 | 4,84+1 | 9,34+1 | 4,59+1 | 2,75+1 | 1,14+1 |
| 71 | — | 1,32+1 | 3,23+1 | 5,53+1 | 1,52+2 | 5,70+1 | 2,64+1 | 8,91+0 |
| 73 | 1,10+0 | 1,02+1 | 2,98+1 | 6,32+1 | 2,18+2 | 7,16+1 | 2,65+1 | 7,32+0 |
| 75 | 2,00+0 | 8,41+0 | 2,86+1 | 7,28+1 | 2,64+2 | 8,91+1 | 2,90+1 | 6,80+0 |
| 80 | 8,99+0 | 1,18+1 | 4,84+1 | 1,38+2 | 3,85+2 | 1,75+2 | 6,37+1 | 1,55+1 |
| 85 | 4,03+1 | 8,07+1 | 2,43+2 | 5,69+2 | 1,64+3 | 6,63+2 | 3,00+2 | 1,06+2 |
| 90 | 2,22+2 | 7,69+2 | 1,43+3 | 2,47+3 | 7,15+3 | 2,59+3 | 1,52+3 | 8,33+2 |
| 95 | 1,69+3 | 4,75+3 | 6,64+3 | 9,26+3 | 2,14+4 | 9,26+3 | 6,64+3 | 4,75+3 |
| 105 | 2,53+3 | 7,75+3 | 1,15+4 | 1,69+4 | 4,48+4 | 1,69+4 | 1,15+4 | 7,75+3 |

Таблица 267 — Сентябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 4,56+0 | 6,47+0 | 5,94+0 | 5,02+0 | 4,98+0 | 4,70+0 | 3,65+0 |
| 50 | — | 3,36+1 | 4,67+1 | 4,19+1 | 3,37+1 | 3,44+1 | 3,39+1 | 2,69+1 |
| 53 | — | 7,72+1 | 1,08+2 | 9,77+1 | 8,00+1 | 7,99+1 | 7,84+1 | 6,18+1 |
| 55 | — | 1,15+2 | 1,63+2 | 1,49+2 | 1,26+2 | 1,22+2 | 1,18+2 | 9,18+1 |
| 57 | 1,04+0 | 1,37+2 | 1,99+2 | 1,86+2 | 1,65+2 | 1,53+2 | 1,44+2 | 1,10+2 |
| 59 | 1,89+0 | 1,69+2 | 2,51+2 | 2,42+2 | 2,29+2 | 1,99+2 | 1,83+2 | 1,36+2 |
| 61 | 3,45+0 | 2,05+2 | 3,14+2 | 3,13+2 | 3,21+2 | 2,59+2 | 2,29+2 | 1,64+2 |
| 63 | 6,29+0 | 1,51+2 | 2,41+2 | 2,51+2 | 2,82+2 | 2,13+2 | 1,76+2 | 1,21+2 |
| 65 | 1,15+1 | 8,13+1 | 1,37+2 | 1,53+2 | 1,87+2 | 1,39+2 | 1,01+2 | 6,53+1 |
| 67 | 2,09+1 | 6,12+1 | 1,05+2 | 1,23+2 | 1,48+2 | 1,22+2 | 8,02+1 | 4,95+1 |
| 69 | 3,80+1 | 4,67+1 | 9,03+1 | 1,25+2 | 1,78+2 | 1,38+2 | 7,36+1 | 3,85+1 |
| 71 | 6,93+1 | 3,64+1 | 8,52+1 | 1,51+2 | 2,67+2 | 1,86+2 | 7,77+1 | 3,15+1 |
| 73 | 1,26+2 | 2,99+1 | 8,62+1 | 1,93+2 | 3,73+2 | 2,55+2 | 9,25+1 | 2,88+1 |
| 75 | 2,30+2 | 2,83+1 | 9,61+1 | 2,42+2 | 4,19+2 | 3,29+2 | 1,21+2 | 3,25+1 |
| 80 | 1,03+3 | 7,88+1 | 2,48+2 | 5,25+2 | 5,85+2 | 6,79+2 | 3,48+2 | 1,19+2 |
| 85 | 4,62+3 | 7,27+2 | 1,43+3 | 2,18+3 | 2,14+3 | 2,54+3 | 1,77+3 | 9,59+2 |
| 90 | 2,07+4 | 7,56+3 | 8,99+3 | 9,95+3 | 9,40+3 | 1,04+4 | 9,56+3 | 8,19+3 |
| 95 | 7,14+4 | 4,81+4 | 4,48+4 | 4,17+4 | 3,50+4 | 4,17+4 | 4,48+4 | 4,81+4 |
| 105 | 1,00+5 | 7,85+4 | 8,08+4 | 8,31+4 | 8,92+4 | 8,31+4 | 8,08+4 | 7,85+4 |

Таблица 268 — Сентябрь, $\overline{W}=100$ $\varphi=70^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 107,0° | 90,0° | 85,0° | 80,0° | 67,0° | 80,0° | 85,0° | 90,0° |
| | h f, ч | | | | | | | |
| | 0,0 | 5,4 | 6,4 | 7,4 | 12,0 | 16,6 | 17,6 | 18,6 |
| 45 | — | 3,80+0 | 5,39+0 | 4,97+0 | 4,18+0 | 4,26+0 | 3,92+0 | 3,04+0 |
| 50 | — | 1,10+1 | 1,52+1 | 1,38+1 | 1,10+1 | 1,18+1 | 1,11+1 | 8,77+0 |
| 53 | — | 2,79+1 | 3,90+1 | 3,55+1 | 2,89+1 | 3,00+1 | 2,84+1 | 2,23+1 |
| 55 | — | 6,68+1 | 9,47+1 | 8,71+1 | 7,34+1 | 7,25+1 | 6,89+1 | 5,34+1 |
| 57 | 1,04+0 | 1,08+2 | 1,56+2 | 1,46+2 | 1,29+2 | 1,21+2 | 1,13+2 | 8,62+1 |
| 59 | 1,89+0 | 1,59+2 | 2,36+2 | 2,27+2 | 2,15+2 | 1,89+2 | 1,72+2 | 1,27+2 |
| 61 | 3,45+0 | 2,24+2 | 3,45+2 | 3,44+2 | 3,52+2 | 2,86+2 | 2,51+2 | 1,80+2 |
| 63 | 6,29+0 | 1,87+2 | 2,99+2 | 3,12+2 | 3,50+2 | 2,67+2 | 2,19+2 | 1,50+2 |
| 65 | 1,15+1 | 1,10+2 | 1,84+2 | 2,06+2 | 2,52+2 | 1,89+2 | 1,37+2 | 8,81+1 |
| 67 | 2,09+1 | 8,25+1 | 1,44+2 | 1,71+2 | 2,14+2 | 1,71+2 | 1,10+2 | 6,68+1 |
| 69 | 3,80+1 | 6,30+1 | 1,27+2 | 1,83+2 | 2,83+2 | 2,04+2 | 1,04+2 | 5,21+1 |
| 71 | 6,93+1 | 4,91+1 | 1,19+2 | 2,18+2 | 4,04+2 | 2,69+2 | 1,09+2 | 4,27+1 |
| 73 | 1,26+2 | 4,06+1 | 1,22+2 | 2,87+2 | 5,98+2 | 3,80+2 | 1,33+2 | 3,94+1 |
| 75 | 2,30+2 | 3,88+1 | 1,39+2 | 3,69+2 | 7,03+2 | 5,02+2 | 1,77+2 | 4,51+1 |
| 80 | 1,03+3 | 1,11+2 | 3,74+2 | 8,42+2 | 1,09+3 | 1,09+2 | 5,25+2 | 1,69+2 |
| 85 | 4,62+3 | 1,03+3 | 2,20+3 | 3,66+3 | 4,44+3 | 4,28+3 | 2,73+3 | 1,36+3 |
| 90 | 2,07+4 | 1,08+4 | 1,40+4 | 1,69+4 | 1,99+4 | 1,76+4 | 1,49+4 | 1,17+4 |
| 95 | 7,14+4 | 6,84+4 | 6,72+4 | 6,60+4 | 6,31+4 | 6,60+4 | 6,72+4 | 6,84+4 |
| 105 | 1,00+5 | 1,12+5 | 1,16+5 | 1,20+5 | 1,30+5 | 1,20+5 | 1,16+5 | 1,12+5 |

Таблица 269 — Сентябрь, $\bar{W}=10$, $\varphi=75^\circ$ с ш, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и i ч | | | | | | | |
| | 0.0 | 5.1 | 6.5 | 7.9 | 12.0 | 16.1 | 17.5 | 18.7 |
| 45 | — | 4,42+0 | 6,34+0 | 5,97+0 | 5,43+0 | 5,44+0 | 5,27+0 | 4,16+0 |
| 50 | — | 3,25+1 | 4,55+1 | 4,17+1 | 3,64+1 | 3,76+1 | 3,78+1 | 3,06+1 |
| 53 | — | 7,48+1 | 1,06+2 | 9,76+1 | 8,66+1 | 8,78+1 | 8,76+1 | 7,04+1 |
| 55 | — | 1,11+2 | 1,60+2 | 1,50+2 | 1,37+2 | 1,35+2 | 1,32+2 | 1,05+2 |
| 57 | — | 1,33+2 | 1,96+2 | 1,89+2 | 1,79+2 | 1,71+2 | 1,63+2 | 1,25+2 |
| 59 | — | 1,64+2 | 2,50+2 | 2,49+2 | 2,48+2 | 2,25+2 | 2,07+2 | 1,54+2 |
| 61 | — | 2,00+2 | 3,17+2 | 3,30+2 | 3,50+2 | 2,99+2 | 2,64+2 | 1,88+2 |
| 63 | — | 1,47+2 | 2,46+2 | 2,71+2 | 3,08+2 | 2,49+2 | 2,05+2 | 1,39+2 |
| 65 | 1,65+0 | 7,97+1 | 1,42+2 | 1,68+2 | 2,05+2 | 1,61+2 | 1,20+2 | 7,52+1 |
| 67 | 3,32+0 | 6,00+1 | 1,09+2 | 1,35+2 | 1,61+2 | 1,36+2 | 9,46+1 | 5,70+1 |
| 69 | 6,66+0 | 4,59+1 | 9,67+1 | 1,44+2 | 1,94+2 | 1,55+2 | 8,84+1 | 4,43+1 |
| 71 | 1,34+1 | 3,58+1 | 9,49+1 | 1,83+2 | 2,88+2 | 2,09+2 | 9,55+1 | 3,62+1 |
| 73 | 2,68+1 | 2,99+1 | 1,00+2 | 2,40+2 | 4,03+2 | 2,87+2 | 1,15+2 | 3,30+1 |
| 75 | 5,38+1 | 2,90+1 | 1,14+2 | 2,96+2 | 4,53+2 | 3,60+2 | 1,48+2 | 3,70+1 |
| 80 | 3,07+2 | 8,71+1 | 2,93+2 | 5,91+2 | 6,35+2 | 6,96+2 | 4,03+2 | 1,34+2 |
| 85 | 2,04+3 | 8,19+2 | 1,64+3 | 2,39+3 | 2,31+3 | 2,63+3 | 2,00+3 | 1,08+3 |
| 90 | 1,36+4 | 8,56+3 | 1,01+4 | 1,08+4 | 1,02+4 | 1,11+4 | 1,07+4 | 9,27+3 |
| 95 | 6,44+4 | 5,45+4 | 4,91+4 | 4,44+4 | 3,78+4 | 4,44+4 | 4,91+4 | 5,45+4 |
| 105 | 9,91+4 | 8,89+4 | 9,10+4 | 9,31+4 | 9,66+4 | 9,31+4 | 9,10+4 | 8,89+4 |

Таблица 270 — Сентябрь, $\bar{W} = 100$, $\varphi = 75^\circ$ с. ш., $\lambda = 90^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и t ч | | | | | | | |
| | 0,0 | 5,1 | 6,5 | 7,9 | 12,0 | 16,1 | 17,5 | 18,7 |
| 45 | — | 3,68+0 | 5,29+0 | 4,99+0 | 4,52+0 | 4,60+0 | 4,39+0 | 3,47+0 |
| 50 | — | 1,06+1 | 1,48+1 | 1,37+1 | 1,19+1 | 1,26+1 | 1,23+1 | 9,99+0 |
| 53 | — | 2,71+1 | 3,82+1 | 3,55+1 | 3,13+1 | 3,25+1 | 3,18+1 | 2,55+1 |
| 55 | — | 6,48+1 | 9,30+1 | 8,77+1 | 7,96+1 | 7,96+1 | 7,73+1 | 6,10+1 |
| 57 | — | 1,04+2 | 1,54+2 | 1,49+2 | 1,40+2 | 1,35+2 | 1,28+2 | 9,83+1 |
| 59 | — | 1,54+2 | 2,34+2 | 2,34+2 | 2,33+2 | 2,13+2 | 1,95+2 | 1,45+2 |
| 61 | — | 2,19+2 | 3,48+2 | 3,63+2 | 3,84+2 | 3,30+2 | 2,90+2 | 2,06+2 |
| 63 | 1,02+0 | 1,83+2 | 3,06+2 | 3,37+2 | 3,83+2 | 3,11+2 | 2,55+2 | 1,72+2 |
| 65 | 2,05+0 | 1,08+2 | 1,91+2 | 2,28+2 | 2,76+2 | 2,19+2 | 1,62+2 | 1,02+2 |
| 67 | 4,11+0 | 8,11+1 | 1,50+2 | 1,91+2 | 2,34+2 | 1,93+2 | 1,31+2 | 7,71+1 |
| 69 | 8,24+0 | 6,20+1 | 1,37+2 | 2,15+2 | 3,09+2 | 2,32+2 | 1,26+2 | 6,00+1 |
| 71 | 1,65+1 | 4,86+1 | 1,33+2 | 2,66+2 | 4,36+2 | 3,06+2 | 1,35+2 | 4,91+1 |
| 73 | 3,32+1 | 4,06+1 | 1,44+2 | 3,63+2 | 6,47+2 | 4,36+2 | 1,66+2 | 4,52+1 |
| 75 | 6,66+1 | 3,98+1 | 1,67+2 | 4,61+2 | 7,60+2 | 5,62+2 | 2,19+2 | 5,14+1 |
| 80 | 3,80+2 | 1,23+2 | 4,49+2 | 9,79+2 | 1,18+3 | 1,15+3 | 6,19+2 | 1,91+2 |
| 85 | 2,53+3 | 1,17+3 | 2,59+3 | 4,20+3 | 4,80+3 | 4,64+3 | 3,16+3 | 1,54+3 |
| 90 | 1,68+4 | 1,22+4 | 1,60+4 | 1,93+4 | 2,15+4 | 1,98+4 | 1,70+4 | 1,32+4 |
| 95 | 7,97+4 | 7,75+4 | 7,49+4 | 7,23+4 | 6,85+4 | 7,23+4 | 7,49+4 | 7,75+4 |
| 105 | 1,23+5 | 1,27+5 | 1,31+5 | 1,35+5 | 1,42+5 | 1,35+5 | 1,31+5 | 1,27+5 |

Таблица 271 — Сентябрь, $\bar{W}=10$, $\varphi=75^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и t ч | | | | | | | |
| | 0,0 | 5,1 | 6,5 | 7,9 | 12,0 | 16,1 | 17,5 | 18,7 |
| 45 | — | 2,03+0 | 2,92+0 | 2,77+0 | 2,55+0 | 2,51+0 | 2,46+0 | 1,68+0 |
| 50 | — | 1,50+1 | 2,10+1 | 1,94+1 | 1,71+1 | 1,75+1 | 1,77+1 | 1,23+1 |
| 53 | — | 3,43+1 | 4,86+1 | 4,52+1 | 4,05+1 | 4,08+1 | 4,09+1 | 2,83+1 |
| 55 | — | 5,08+1 | 7,32+1 | 6,93+1 | 6,37+1 | 6,25+1 | 6,16+1 | 4,19+1 |
| 57 | — | 6,09+1 | 9,00+1 | 8,74+1 | 8,35+1 | 7,89+1 | 7,58+1 | 5,03+1 |
| 59 | — | 7,53+1 | 1,15+2 | 1,15+2 | 1,16+2 | 1,04+2 | 9,68+1 | 6,21+1 |
| 61 | — | 8,23+1 | 1,31+2 | 1,37+2 | 1,47+2 | 1,24+2 | 1,10+2 | 6,79+1 |
| 63 | — | 5,83+1 | 9,77+1 | 1,08+2 | 1,25+2 | 9,78+1 | 8,23+1 | 4,82+1 |
| 65 | — | 2,97+1 | 5,28+1 | 6,21+1 | 7,80+1 | 5,73+1 | 4,47+1 | 2,45+1 |
| 67 | — | 2,23+1 | 4,04+1 | 4,89+1 | 6,22+1 | 4,62+1 | 3,45+1 | 1,85+1 |
| 69 | — | 1,69+1 | 3,55+1 | 5,05+1 | 7,74+1 | 4,95+1 | 3,10+1 | 1,41+1 |
| 71 | — | 1,29+1 | 3,45+1 | 6,38+1 | 1,30+2 | 6,58+1 | 3,13+1 | 1,10+1 |
| 73 | 1,76+0 | 1,01+1 | 3,28+1 | 7,52+1 | 1,77+2 | 8,23+1 | 3,21+1 | 9,01+0 |
| 75 | 3,54+0 | 8,43+0 | 3,20+1 | 8,55+1 | 2,01+2 | 9,80+1 | 3,50+1 | 8,29+0 |
| 80 | 2,02+1 | 1,31+1 | 5,57+1 | 1,47+2 | 2,62+2 | 1,71+2 | 7,33+1 | 1,84+1 |
| 85 | 1,31+2 | 9,77+1 | 2,82+2 | 5,90+2 | 1,01+3 | 6,50+2 | 3,43+2 | 1,28+2 |
| 90 | 8,69+2 | 9,67+2 | 1,67+3 | 2,64+3 | 4,52+3 | 2,72+3 | 1,77+3 | 1,05+3 |
| 95 | 4,68+3 | 6,05+3 | 7,99+3 | 1,05+4 | 1,63+4 | 1,05+4 | 7,99+3 | 6,05+3 |
| 105 | 7,30+3 | 9,87+3 | 1,48+4 | 2,21+4 | 4,14+4 | 2,21+4 | 1,48+4 | 9,87+3 |

Таблица 272 — Сентябрь, $\bar{W}=100$, $\varphi=75^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и / ч | | | | | | | |
| | 0.0 | 5.1 | 6.5 | 7.9 | 12.0 | 16.1 | 17.5 | 18.7 |
| 45 | — | 1,69+0 | 2,44+0 | 2,31+0 | 2,12+0 | 2,10+0 | 2,05+0 | 1,40+0 |
| 50 | — | 4,87+0 | 6,84+0 | 6,32+0 | 5,57+0 | 5,74+0 | 5,76+0 | 4,02+0 |
| 53 | — | 1,23+1 | 1,75+1 | 1,63+1 | 1,46+1 | 1,48+1 | 1,47+1 | 1,02+1 |
| 55 | — | 2,95+1 | 4,24+1 | 4,02+1 | 3,69+1 | 3,64+1 | 3,57+1 | 2,43+1 |
| 57 | — | 4,77+1 | 7,05+1 | 6,85+1 | 6,54+1 | 6,19+1 | 5,93+1 | 3,94+1 |
| 59 | — | 7,06+1 | 1,08+2 | 1,08+2 | 1,09+2 | 9,80+1 | 9,08+1 | 5,83+1 |
| 61 | — | 9,02+1 | 1,44+2 | 1,50+2 | 1,61+2 | 1,36+2 | 1,21+2 | 7,44+1 |
| 63 | — | 7,17+1 | 1,20+2 | 1,32+2 | 1,53+2 | 1,20+2 | 1,01+2 | 5,92+1 |
| 65 | — | 3,88+1 | 6,90+1 | 8,12+1 | 1,02+2 | 7,50+1 | 5,85+1 | 3,21+1 |
| 67 | — | 2,92+1 | 5,35+1 | 6,57+1 | 8,49+1 | 6,21+1 | 4,58+1 | 2,42+1 |
| 69 | — | 2,21+1 | 4,90+1 | 7,35+1 | 1,22+2 | 7,23+1 | 4,28+1 | 1,85+1 |
| 71 | 1,07+0 | 1,69+1 | 4,68+1 | 8,98+1 | 1,92+2 | 9,32+1 | 4,27+1 | 1,44+1 |
| 73 | 2,15+0 | 1,33+1 | 4,55+1 | 1,11+2 | 2,80+2 | 1,22+2 | 4,48+1 | 1,19+1 |
| 75 | 4,32+0 | 1,11+1 | 4,54+1 | 1,30+2 | 3,34+2 | 1,50+2 | 5,01+1 | 1,10+1 |
| 80 | 2,46+1 | 1,80+1 | 8,42+1 | 2,45+2 | 5,03+2 | 2,85+2 | 1,11+2 | 2,53+1 |
| 85 | 1,60+2 | 1,36+2 | 4,38+2 | 1,03+3 | 2,09+3 | 1,13+3 | 5,33+2 | 1,79+2 |
| 90 | 1,06+3 | 1,35+3 | 2,60+3 | 4,57+3 | 9,24+3 | 4,70+3 | 2,75+3 | 1,46+3 |
| 95 | 5,72+3 | 8,42+3 | 1,19+4 | 1,67+4 | 2,84+4 | 1,67+4 | 1,19+4 | 8,42+3 |
| 105 | 8,92+3 | 1,37+4 | 2,07+4 | 3,12+4 | 5,92+4 | 3,12+4 | 2,07+4 | 1,37+4 |

Таблица 273 — Сентябрь, $\bar{W}=10$, $\varphi=75^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и / ч | | | | | | | |
| | 0,0 | 5,1 | 6,5 | 7,9 | 12,0 | 16,1 | 17,5 | 18,7 |
| 45 | — | 2,21+0 | 3,18+0 | 3,00+0 | 2,75+0 | 2,72+0 | 2,66+0 | 1,89+0 |
| 50 | — | 1,63+1 | 2,28+1 | 2,10+1 | 1,85+1 | 1,89+1 | 1,91+1 | 1,39+1 |
| 53 | — | 3,73+1 | 5,27+1 | 4,90+1 | 4,38+1 | 4,42+1 | 4,42+1 | 3,19+1 |
| 55 | — | 5,52+1 | 7,95+1 | 7,51+1 | 6,88+1 | 6,77+1 | 6,66+1 | 4,73+1 |
| 57 | — | 6,62+1 | 9,77+1 | 9,47+1 | 9,02+1 | 8,55+1 | 8,19+1 | 5,68+1 |
| 59 | — | 8,18+1 | 1,25+2 | 1,25+2 | 1,25+2 | 1,13+2 | 1,05+2 | 7,01+1 |
| 61 | — | 9,18+1 | 1,46+2 | 1,53+2 | 1,63+2 | 1,38+2 | 1,22+2 | 7,86+1 |
| 63 | — | 6,66+1 | 1,11+2 | 1,23+2 | 1,41+2 | 1,12+2 | 9,37+1 | 5,71+1 |
| 65 | — | 3,50+1 | 6,22+1 | 7,33+1 | 9,13+1 | 6,84+1 | 5,26+1 | 3,00+1 |
| 67 | — | 2,63+1 | 4,77+1 | 5,82+1 | 7,28+1 | 5,60+1 | 4,09+1 | 2,27+1 |
| 69 | 1,04+0 | 2,00+1 | 4,19+1 | 6,03+1 | 8,89+1 | 6,09+1 | 3,70+1 | 1,74+1 |
| 71 | 2,09+0 | 1,54+1 | 4,11+1 | 7,75+1 | 1,47+2 | 8,31+1 | 3,84+1 | 1,37+1 |
| 73 | 4,18+0 | 1,22+1 | 4,03+1 | 9,50+1 | 2,02+2 | 1,08+2 | 4,16+1 | 1,16+1 |
| 75 | 8,40+0 | 1,07+1 | 4,14+1 | 1,12+2 | 2,28+2 | 1,32+2 | 4,84+1 | 1,15+1 |
| 80 | 4,79+1 | 2,14+1 | 8,47+1 | 2,05+2 | 3,04+2 | 2,40+2 | 1,14+2 | 3,14+1 |
| 85 | 3,13+2 | 1,77+2 | 4,49+2 | 8,27+2 | 1,16+3 | 9,12+2 | 5,47+2 | 2,34+2 |
| 90 | 2,05+3 | 1,79+3 | 2,70+3 | 3,72+3 | 5,14+3 | 3,82+3 | 2,86+3 | 1,94+3 |
| 95 | 1,01+4 | 1,12+4 | 1,30+4 | 1,50+4 | 1,87+4 | 1,50+4 | 1,30+4 | 1,12+4 |
| 105 | 1,56+4 | 1,83+4 | 2,40+4 | 3,13+4 | 4,76+4 | 3,13+4 | 2,40+4 | 1,83+4 |

Таблица 274 -- Сентябрь, $\overline{W}=100$, $\varphi=75^\circ$ с ш, $\lambda=365^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 102,0° | 90,0° | 85,0° | 80,0° | 72,0° | 80,0° | 85,0° | 90,0° |
| | и t, ч | | | | | | | |
| | 0 0 | 5,1 | 6,5 | 7,9 | 12 0 | 16,1 | 17,5 | 18,7 |
| 45 | — | 1,84+0 | 2,65+0 | 2,51+0 | 2,29+0 | 2,28+0 | 2,22+0 | 1,58+0 |
| 50 | — | 5,29+0 | 7,42+0 | 6,86+0 | 6,02+0 | 6,25+0 | 6,23+0 | 4,54+0 |
| 53 | — | 1,34+1 | 1,90+1 | 1,77+1 | 1,57+1 | 1,60+1 | 1,59+1 | 1,15+1 |
| 55 | — | 3,20+1 | 4,61+1 | 4,36+1 | 3,99+1 | 3,95+1 | 3,87+1 | 2,74+1 |
| 57 | — | 5,19+1 | 7,65+1 | 7,42+1 | 7,06+1 | 6,72+1 | 6,42+1 | 4,44+1 |
| 59 | — | 7,67+1 | 1,17+2 | 1,17+2 | 1,18+2 | 1,06+2 | 9,82+1 | 6,58+1 |
| 61 | — | 1,01+2 | 1,60+2 | 1,67+2 | 1,79+2 | 1,52+2 | 1,34+2 | 8,62+1 |
| 63 | — | 8,21+1 | 1,37+2 | 1,52+2 | 1,74+2 | 1,38+2 | 1,16+2 | 7,04+1 |
| 65 | — | 4,62+1 | 8,21+1 | 9,69+1 | 1,21+2 | 9,05+1 | 6,95+1 | 3,97+1 |
| 67 | — | 3,47+1 | 6,40+1 | 7,94+1 | 1,01+2 | 7,66+1 | 5,50+1 | 2,99+1 |
| 69 | 1,27+0 | 2,64+1 | 5,84+1 | 8,89+1 | 1,41+2 | 9,02+1 | 5,17+1 | 2,30+1 |
| 71 | 2,56+0 | 2,03+1 | 5,63+1 | 1,10+2 | 2,19+2 | 1,19+2 | 5,30+1 | 1,82+1 |
| 73 | 5,13+0 | 1,62+1 | 5,65+1 | 1,41+2 | 3,21+2 | 1,61+2 | 5,88+1 | 1,55+1 |
| 75 | 1,03+1 | 1,42+1 | 5,94+1 | 1,71+2 | 3,81+2 | 2,03+2 | 7,01+1 | 1,55+1 |
| 80 | 5,87+1 | 2,97+1 | 1,29+2 | 3,40+2 | 5,80+2 | 3,99+2 | 1,74+2 | 4,37+1 |
| 85 | 3,83+2 | 2,48+2 | 7,02+2 | 1,44+3 | 2,39+3 | 1,59+3 | 8,55+2 | 3,27+2 |
| 90 | 2,52+3 | 2,50+3 | 4,22+3 | 6,48+3 | 1,06+4 | 6,67+3 | 4,47+3 | 2,71+3 |
| 95 | 1,24+4 | 1,57+4 | 1,94+4 | 2,39+4 | 3,30+4 | 2,39+4 | 1,94+4 | 1,57+4 |
| 105 | 1,91+4 | 2,57+4 | 3,39+4 | 4,46+4 | 6,86+4 | 4,46+4 | 3,39+4 | 2,57+4 |

Таблица 275 — Сентябрь, $\bar{W}=110$, $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 97,0° | 90,0° | 85,0° | 77,0° | 85,0° | 90,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,8 | 6,8 | 12,0 | 17,2 | 19,2 |
| 45 | — | 2,10+0 | 3,07+0 | 2,92+0 | 2,98+0 | 2,21+0 |
| 50 | — | 1,54+1 | 2,18+1 | 1,96+1 | 2,12+1 | 1,63+1 |
| 53 | — | 3,54+1 | 5,06+1 | 4,65+1 | 4,93+1 | 3,74+1 |
| 55 | — | 5,25+1 | 7,68+1 | 7,32+1 | 7,47+1 | 5,54+1 |
| 57 | — | 6,29+1 | 9,53+1 | 9,60+1 | 9,28+1 | 6,64+1 |
| 59 | — | 7,77+1 | 1,23+2 | 1,33+2 | 1,20+2 | 8,21+1 |
| 61 | 1,35+0 | 8,82+1 | 1,48+2 | 1,75+2 | 1,44+2 | 9,31+1 |
| 63 | 2,54+0 | 6,44+1 | 1,16+2 | 1,53+2 | 1,13+2 | 6,80+1 |
| 65 | 4,01+0 | 3,42+1 | 6,67+1 | 9,97+1 | 6,53+1 | 3,61+1 |
| 67 | 5,43+0 | 2,57+1 | 5,16+1 | 7,94+1 | 5,09+1 | 2,73+1 |
| 69 | 6,58+0 | 1,96+1 | 4,77+1 | 9,65+1 | 4,79+1 | 2,10+1 |
| 71 | 8,56+0 | 1,53+1 | 5,08+1 | 1,58+2 | 5,28+1 | 1,66+1 |
| 73 | 9,36+0 | 1,25+1 | 5,35+1 | 2,18+2 | 5,90+1 | 1,42+1 |
| 75 | 9,46+0 | 1,17+1 | 5,78+1 | 2,46+2 | 6,82+1 | 1,42+1 |
| 80 | 3,77+1 | 2,99+1 | 1,21+2 | 3,30+2 | 1,50+2 | 4,04+1 |
| 85 | 3,03+2 | 2,51+2 | 6,24+2 | 1,25+3 | 7,15+2 | 3,05+2 |
| 90 | 2,54+3 | 2,40+3 | 3,60+3 | 5,53+3 | 3,75+3 | 2,54+3 |
| 95 | 1,48+4 | 1,48+4 | 1,67+4 | 2,02+4 | 1,67+4 | 1,48+4 |
| 105 | 2,41+4 | 2,41+4 | 3,23+4 | 5,14+4 | 3,23+4 | 2,41+4 |

Таблица 276 — Сентябрь, $\bar{W}=100$, $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 97,0° | 90,0° | 85,0° | 77,0° | 85,0° | 90,0° |
| | и t, ч | | | | | |
| | 0,0 | 4,8 | 6,8 | 12,0 | 17,2 | 19,2 |
| 45 | — | 1,75+0 | 2,56+0 | 2,44+0 | 2,49+0 | 1,85+0 |
| 50 | — | 5,03+0 | 7,10+0 | 6,40+0 | 6,91+0 | 5,31+0 |
| 53 | — | 1,27+1 | 1,82+1 | 1,67+1 | 1,77+1 | 1,34+1 |
| 55 | — | 3,04+1 | 4,45+1 | 4,25+1 | 4,34+1 | 3,21+1 |
| 57 | — | 4,93+1 | 7,46+1 | 7,51+1 | 7,27+1 | 5,20+1 |
| 59 | — | 7,29+1 | 1,16+2 | 1,25+2 | 1,13+2 | 7,70+1 |
| 61 | — | 9,66+1 | 1,62+2 | 1,92+2 | 1,58+2 | 1,02+2 |
| 63 | — | 7,95+1 | 1,43+2 | 1,89+2 | 1,40+2 | 8,40+1 |
| 65 | 2,05+0 | 4,53+1 | 8,84+1 | 1,32+2 | 8,66+1 | 4,79+1 |
| 67 | 3,94+0 | 3,41+1 | 6,99+1 | 1,11+2 | 6,91+1 | 3,62+1 |
| 69 | 6,01+0 | 2,60+1 | 6,80+1 | 1,54+2 | 6,84+1 | 2,78+1 |
| 71 | 9,13+0 | 2,03+1 | 7,07+1 | 2,36+2 | 7,38+1 | 2,21+1 |
| 73 | 1,16+1 | 1,67+1 | 7,67+1 | 3,47+2 | 8,50+1 | 1,90+1 |
| 75 | 1,28+1 | 1,58+1 | 8,52+1 | 4,10+2 | 1,01+2 | 1,93+1 |
| 80 | 5,29+1 | 4,18+1 | 1,91+2 | 6,27+2 | 2,37+2 | 5,65+1 |
| 85 | 4,26+2 | 3,52+2 | 1,02+3 | 2,58+3 | 1,17+3 | 4,28+2 |
| 90 | 3,57+3 | 3,38+3 | 5,89+3 | 1,15+4 | 6,12+3 | 3,57+3 |
| 95 | 2,08+4 | 2,08+4 | 2,56+4 | 3,58+4 | 2,56+4 | 2,08+4 |
| 105 | 3,39+4 | 3,39+4 | 4,59+4 | 7,48+4 | 4,59+4 | 3,39+4 |

Таблица 277 — Сентябрь, $\bar{W}=10$, $\varphi=80^\circ$ с ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при γ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 97,0° | 90 0° | 85,0° | 77,0° | 85 0° | 90,0° |
| | и т ч | | | | | |
| | 0,0 | 4,8 | 6,8 | 12,0 | 17,2 | 19,2 |
| 45 | — | 1,46+0 | 2,19+0 | 2,14+0 | 2,16+0 | 1,25+0 |
| 50 | — | 1,08+1 | 1,55+1 | 1,44+1 | 1,53+1 | 9,17+0 |
| 53 | — | 2,50+1 | 3,65+1 | 3,45+1 | 3,61+1 | 2,18+1 |
| 55 | — | 3,76+1 | 5,62+1 | 5,50+1 | 5,55+1 | 3,20+1 |
| 57 | — | 4,47+1 | 6,93+1 | 7,16+1 | 6,84+1 | 3,82+1 |
| 59 | — | 5,46+1 | 8,86+1 | 9,85+1 | 8,75+1 | 4,66+1 |
| 61 | — | 5,07+1 | 8,70+1 | 1,06+2 | 8,59+1 | 4,32+1 |
| 63 | 1,05+0 | 2,95+1 | 5,42+1 | 7,36+1 | 5,36+1 | 2,51+1 |
| 65 | 1,68+0 | 1,19+1 | 2,38+1 | 3,66+1 | 2,36+1 | 1,02+1 |
| 67 | 2,26+0 | 8,96+0 | 1,88+1 | 3,10+1 | 1,87+1 | 7,68+0 |
| 69 | 2,68+0 | 6,82+0 | 1,94+1 | 5,09+1 | 1,95+1 | 5,88+0 |
| 71 | 3,35+0 | 5,25+0 | 2,01+1 | 8,07+1 | 2,07+1 | 4,62+0 |
| 73 | 2,69+0 | 4,19+0 | 2,00+1 | 1,03+2 | 2,15+1 | 3,86+0 |
| 75 | 2,18+0 | 3,67+0 | 2,06+1 | 1,19+2 | 4,35+1 | 3,70+0 |
| 80 | 8,49+0 | 7,27+0 | 3,54+1 | 1,38+2 | 2,35+1 | 9,38+0 |
| 85 | 6,28+1 | 5,22+1 | 1,78+2 | 5,84+2 | 2,04+2 | 6,32+1 |
| 90 | 4,82+2 | 4,56+2 | 9,86+2 | 2,70+3 | 1,03+3 | 4,82+2 |
| 95 | 2,71+3 | 2,71+3 | 4,32+3 | 9,05+3 | 4,32+3 | 2,71+3 |
| 105 | 4,42+3 | 4,42+3 | 8,34+3 | 2,28+4 | 8,34+3 | 4,42+3 |

Таблица 278 — Сентябрь, $\bar{W}=100$, $\varphi=80^\circ$ с ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 97,0° | 90,0° | 85 0° | 77,0° | 85,0° | 90,0° |
| | и т ч | | | | | |
| | 0 0 | 4,8 | 6,8 | 12,0 | 17,2 | 19,2 |
| 45 | — | 1,22+0 | 1,82+0 | 1,78+0 | 1,80+0 | 1,04+0 |
| 50 | — | 3,53+0 | 5,09+0 | 4,71+0 | 5,03+0 | 3,01+0 |
| 53 | — | 9,25+0 | 1,35+1 | 1,28+1 | 1,33+1 | 7,89+0 |
| 55 | — | 2,22+1 | 3,33+1 | 3,26+1 | 3,29+1 | 1,90+1 |
| 57 | — | 3,53+1 | 5,46+1 | 5,65+1 | 5,39+1 | 3,01+1 |
| 59 | — | 5,13+1 | 8,32+1 | 9,25+1 | 8,22+1 | 4,38+1 |
| 61 | — | 5,52+1 | 9,48+1 | 1,15+2 | 9,36+1 | 4,71+1 |
| 63 | — | 3,52+1 | 6,48+1 | 8,79+1 | 6,40+1 | 3,01+1 |
| 65 | — | 1,44+1 | 2,87+1 | 4,42+1 | 2,85+1 | 1,23+1 |
| 67 | 1,62+0 | 1,08+1 | 2,24+1 | 3,62+1 | 2,23+1 | 9,28+0 |
| 69 | 2,39+0 | 8,24+0 | 2,42+1 | 6,65+1 | 2,44+1 | 7,12+0 |
| 71 | 3,48+0 | 6,36+0 | 2,58+1 | 1,12+2 | 2,67+1 | 5,61+0 |
| 73 | 3,21+0 | 5,10+0 | 2,66+1 | 1,57+2 | 2,88+1 | 4,73+0 |
| 75 | 2,78+0 | 4,53+0 | 2,85+1 | 1,94+2 | 3,29+1 | 4,62+0 |
| 80 | 1,12+1 | 9,47+0 | 5,50+1 | 2,71+2 | 6,77+1 | 1,23+1 |
| 85 | 8,32+1 | 6,92+1 | 2,79+2 | 1,19+3 | 3,19+2 | 8,38+1 |
| 90 | 6,39+2 | 6,04+2 | 1,50+3 | 5,10+3 | 1,56+3 | 6,39+2 |
| 95 | 3,59+3 | 3,59+3 | 6,18+3 | 1,46+4 | 6,18+3 | 3,59+3 |
| 105 | 5,86+3 | 5,86+3 | 1,12+4 | 3,10+4 | 1,12+4 | 5,86+3 |

Таблица 279 — Сентябрь, $\overline{W}=10$ ф=90° с. ш., $\lambda=90^\circ$
 $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--|
| | 87,0° | |
| | и t, ч | |
| | 0—24 | |
| 45 | 1,77+0 | |
| 50 | 1,30+1 | |
| 53 | 3,00+1 | |
| 55 | 4,45+1 | |
| 57 | 5,33+1 | |
| 59 | 6,57+1 | |
| 61 | 6,73+1 | |
| 63 | 4,38+1 | |
| 65 | 2,01+1 | |
| 67 | 1,51+1 | |
| 69 | 1,15+1 | |
| 71 | 8,97+0 | |
| 73 | 7,28+0 | |
| 75 | 6,55+0 | |
| 80 | 1,30+1 | |
| 85 | 8,20+1 | |
| 90 | 6,19+2 | |
| 95 | 3,47+3 | |
| 105 | 5,66+3 | |

Таблица 280 — Сентябрь, $\overline{W}=100$, ф=90° с. ш.,
 $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|---|--|
| | 87,0° | |
| | и t, ч | |
| | 0—24 | |
| 45 | 1,48+0 | |
| 50 | 4,25+0 | |
| 53 | 1,08+1 | |
| 55 | 2,59+1 | |
| 57 | 4,18+1 | |
| 59 | 6,17+1 | |
| 61 | 7,35+1 | |
| 63 | 5,32+1 | |
| 65 | 2,55+1 | |
| 67 | 1,92+1 | |
| 69 | 1,46+1 | |
| 71 | 1,14+1 | |
| 73 | 9,30+0 | |
| 75 | 8,47+0 | |
| 80 | 1,75+1 | |
| 85 | 1,12+2 | |
| 90 | 8,45+2 | |
| 95 | 4,74+3 | |
| 105 | 7,73+3 | |

Таблица 281 — Ноябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h f, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,26+0 | 3,18+0 | 1,68+0 | 1,28+0 | 1,30+0 | 1,28+0 | — | — | — |
| 53 | — | — | — | 9,47+0 | 1,34+1 | 7,13+0 | 5,55+0 | 5,48+0 | 5,39+0 | 2,55+0 | — | — |
| 55 | — | — | — | 2,13+1 | 3,03+1 | 1,64+1 | 1,32+1 | 1,26+1 | 1,22+1 | 5,73+0 | — | — |
| 57 | — | — | 2,62+0 | 2,30+1 | 3,31+1 | 1,83+1 | 1,56+1 | 1,41+1 | 1,34+1 | 6,19+0 | — | — |
| 59 | — | — | 3,74+0 | 2,43+1 | 3,55+1 | 2,03+1 | 1,85+1 | 1,57+1 | 1,43+1 | 6,53+0 | — | — |
| 61 | — | — | 4,21+0 | 2,71+1 | 4,04+1 | 2,40+1 | 2,40+1 | 1,87+1 | 1,63+1 | 7,30+0 | — | — |
| 63 | — | — | 4,47+0 | 3,13+1 | 4,78+1 | 2,98+1 | 3,31+1 | 2,34+1 | 1,94+1 | 8,46+0 | — | — |
| 65 | — | — | 5,44+0 | 3,75+1 | 5,89+1 | 3,89+1 | 4,88+1 | 3,08+1 | 2,41+1 | 1,02+1 | — | — |
| 67 | — | — | 6,77+0 | 2,82+1 | 4,90+1 | 4,00+1 | 7,85+1 | 3,30+1 | 2,05+1 | 7,77+0 | 1,14+0 | — |
| 69 | — | — | 6,92+0 | 2,14+1 | 3,98+1 | 3,76+1 | 9,46+1 | 3,35+1 | 1,75+1 | 6,15+0 | 1,33+0 | — |
| 71 | — | — | 5,84+0 | 1,65+1 | 3,22+1 | 3,51+1 | 9,97+1 | 3,51+1 | 1,58+1 | 5,25+0 | 1,57+0 | — |
| 73 | — | — | 5,24+0 | 1,31+1 | 2,94+1 | 4,49+1 | 1,88+2 | 5,12+1 | 1,77+1 | 5,26+0 | 2,34+0 | 1,09+0 |
| 75 | 1,12+0 | 1,55+0 | 5,43+0 | 1,13+1 | 3,07+1 | 7,33+1 | 4,96+2 | 9,27+1 | 2,49+1 | 6,73+0 | 4,19+0 | 2,16+0 |
| 80 | 5,04+0 | 9,30+0 | 1,74+1 | 2,22+1 | 6,25+1 | 1,96+2 | 1,03+3 | 2,57+2 | 8,31+1 | 2,97+1 | 2,46+1 | 1,18+1 |
| 85 | 2,26+1 | 6,47+1 | 1,61+2 | 1,96+2 | 4,00+2 | 9,71+2 | 3,69+3 | 1,15+3 | 5,06+2 | 2,57+2 | 2,06+2 | 7,42+1 |
| 90 | 1,65+2 | 5,77+2 | 1,70+3 | 2,13+3 | 3,05+3 | 5,34+3 | 1,60+4 | 5,60+3 | 3,27+3 | 2,31+3 | 1,82+3 | 6,01+2 |
| 95 | 1,68+3 | 4,71+3 | 1,14+4 | 1,38+4 | 1,67+4 | 2,45+4 | 6,02+4 | 2,45+4 | 1,67+4 | 1,38+4 | 1,14+4 | 4,71+3 |
| 105 | 2,52+3 | 7,37+3 | 1,85+4 | 2,25+4 | 2,90+4 | 4,79+4 | 1,56+5 | 4,79+4 | 2,90+4 | 2,25+4 | 1,85+4 | 7,37+3 |

Т а б л и ц а 282 — Ноябрь, $\overline{W}=100$, $\varphi=30^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0.0 | 4.4 | 6.3 | 6.6 | 7.1 | 8.0 | 12.0 | 16.0 | 16.7 | 17.2 | 17.7 | 19.6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 1,32+0 | 1,86+0 | — | — | — | — | — | — | — |
| 53 | — | — | — | 7,46+0 | 1,05+1 | 5,62+0 | 4,37+0 | 4,33+0 | 4,25+0 | 2,01+0 | — | — |
| 55 | — | — | — | 1,95+1 | 2,77+1 | 1,50+1 | 1,21+1 | 1,15+1 | 1,12+1 | 5,24+0 | — | — |
| 57 | — | — | 2,32+0 | 2,20+1 | 3,16+1 | 1,75+1 | 1,49+1 | 1,35+1 | 1,28+1 | 5,91+0 | — | — |
| 59 | — | — | 3,52+0 | 2,39+1 | 3,50+1 | 2,00+1 | 1,83+1 | 1,55+1 | 1,42+1 | 6,45+0 | — | — |
| 61 | — | — | 4,11+0 | 2,77+1 | 4,13+1 | 2,46+1 | 2,45+1 | 1,92+1 | 1,67+1 | 7,47+0 | — | — |
| 63 | — | — | 4,44+0 | 3,34+1 | 5,10+1 | 3,19+1 | 3,53+1 | 2,51+1 | 2,07+1 | 9,03+0 | — | — |
| 65 | — | — | 5,67+0 | 4,21+1 | 6,61+1 | 4,37+1 | 5,48+1 | 3,47+1 | 2,70+1 | 1,14+1 | — | — |
| 67 | — | — | 7,34+0 | 3,17+1 | 5,55+1 | 4,60+1 | 9,38+1 | 3,82+1 | 2,32+1 | 8,74+0 | 1,25+0 | — |
| 69 | — | — | 7,70+0 | 2,41+1 | 4,56+1 | 4,49+1 | 1,24+2 | 4,03+1 | 2,01+1 | 6,94+0 | 1,51+0 | — |
| 71 | — | — | 6,51+0 | 1,85+1 | 3,71+1 | 4,27+1 | 1,34+2 | 4,31+1 | 1,84+1 | 5,96+0 | 1,80+0 | — |
| 73 | — | — | 5,87+0 | 1,47+1 | 3,43+1 | 5,66+1 | 2,74+2 | 6,53+1 | 2,11+1 | 6,04+0 | 2,71+0 | 1,19+0 |
| 75 | 1,12+0 | 1,69+0 | 6,15+0 | 1,29+1 | 3,67+1 | 9,66+1 | 7,93+2 | 1,23+2 | 3,03+1 | 7,85+0 | 4,90+0 | 2,35+0 |
| 80 | 5,04+0 | 1,01+1 | 2,04+1 | 2,61+1 | 7,67+1 | 2,61+2 | 1,63+3 | 3,43+2 | 1,03+2 | 3,53+1 | 2,89+1 | 1,28+1 |
| 85 | 2,26+1 | 7,05+1 | 1,89+2 | 2,33+2 | 4,94+2 | 1,29+3 | 5,74+3 | 1,52+3 | 6,25+2 | 3,06+2 | 2,42+2 | 8,09+1 |
| 90 | 1,65+2 | 6,30+2 | 1,99+3 | 2,54+3 | 3,74+3 | 6,92+3 | 2,37+4 | 7,27+3 | 4,01+3 | 2,75+3 | 2,14+3 | 6,55+2 |
| 95 | 1,68+3 | 5,14+3 | 1,34+4 | 1,64+4 | 2,01+4 | 3,00+4 | 7,68+4 | 3,00+4 | 2,01+4 | 1,64+4 | 1,34+4 | 5,14+3 |
| 105 | 2,52+3 | 8,03+3 | 2,18+4 | 2,69+4 | 3,44+4 | 5,61+4 | 1,77+5 | 5,61+4 | 3,44+4 | 2,69+4 | 2,18+4 | 8,03+3 |

Таблица 283 — Ноябрь, $\bar{W}=10$, $\varphi=30^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90 0° | 85,0° | 75,0° | 48,5° | 75 0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | — | 1,16+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 5,70+0 | 8,03+0 | 4,33+0 | 3,34+0 | 3,39+0 | 3,30+0 | 1,37+0 | — | — |
| 53 | — | — | — | 1,60+1 | 2,27+1 | 1,23+1 | 9,70+0 | 9,62+0 | 9,33+0 | 3,86+0 | — | — |
| 55 | — | — | 1,96+0 | 2,80+1 | 3,99+1 | 2,20+1 | 1,80+1 | 1,72+1 | 1,64+1 | 6,74+0 | — | — |
| 57 | — | — | 3,77+0 | 3,06+1 | 4,41+1 | 2,50+1 | 2,15+1 | 1,95+1 | 1,82+1 | 7,37+0 | — | — |
| 59 | — | — | 5,08+0 | 3,23+1 | 4,73+1 | 2,76+1 | 2,55+1 | 2,18+1 | 1,95+1 | 7,79+0 | — | — |
| 61 | — | — | 5,65+0 | 3,57+1 | 5,33+1 | 3,24+1 | 3,27+1 | 2,58+1 | 2,20+1 | 8,61+0 | — | — |
| 63 | — | — | 6,04+0 | 3,70+1 | 5,66+1 | 3,62+1 | 4,04+1 | 2,91+1 | 2,35+1 | 8,94+0 | — | — |
| 65 | — | — | 7,04+0 | 3,56+1 | 5,61+1 | 3,81+1 | 4,79+1 | 3,15+1 | 2,34+1 | 8,65+0 | — | — |
| 67 | — | — | 7,52+0 | 2,68+1 | 4,47+1 | 3,48+1 | 5,55+1 | 3,06+1 | 1,92+1 | 6,60+0 | 1,04+0 | — |
| 69 | — | — | 6,86+0 | 2,03+1 | 3,51+1 | 3,01+1 | 5,10+1 | 2,91+1 | 1,60+1 | 5,21+0 | 1,11+0 | — |
| 71 | — | — | 5,76+0 | 1,56+1 | 2,84+1 | 2,86+1 | 5,13+1 | 3,13+1 | 1,46+1 | 4,43+0 | 1,33+0 | — |
| 73 | — | — | 5,11+0 | 1,23+1 | 2,65+1 | 3,97+1 | 1,09+2 | 4,89+1 | 1,68+1 | 4,40+0 | 2,00+0 | 1,22+0 |
| 75 | 1,70+0 | 1,73+0 | 5,15+0 | 1,05+1 | 2,89+1 | 7,34+1 | 3,65+2 | 9,72+1 | 2,45+1 | 5,57+0 | 3,60+0 | 2,41+0 |
| 80 | 7,62+0 | 1,04+1 | 1,53+1 | 1,87+1 | 6,02+1 | 2,06+2 | 9,09+2 | 2,71+2 | 8,05+1 | 2,43+1 | 2,12+1 | 1,32+1 |
| 85 | 3,42+1 | 7,76+1 | 1,58+2 | 1,85+2 | 4,07+2 | 9,93+2 | 3,06+3 | 1,18+3 | 5,15+2 | 2,42+2 | 2,03+2 | 8,90+1 |
| 90 | 2,04+2 | 6,69+2 | 1,86+3 | 2,31+3 | 3,28+3 | 5,38+3 | 1,30+4 | 5,65+3 | 3,51+3 | 2,51+3 | 2,00+3 | 6,96+2 |
| 95 | 1,68+3 | 5,05+3 | 1,30+4 | 1,59+4 | 1,85+4 | 2,50+4 | 5,08+4 | 2,50+4 | 1,85+4 | 1,59+4 | 1,30+4 | 5,05+3 |
| 105 | 2,52+3 | 7,90+3 | 2,11+4 | 2,59+4 | 3,21+4 | 4,90+4 | 1,32+5 | 4,90+4 | 3,21+4 | 2,59+4 | 2,11+4 | 7,90+3 |

Таблица 284 — Ноябрь, $\bar{W}=100$, $\Phi=30^\circ$ с ш, $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | — | 1,13+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,56+0 | 3,60+0 | 1,95+0 | 1,50+0 | 1,56+0 | 1,48+0 | — | — | — |
| 53 | — | — | — | 9,06+0 | 1,28+1 | 6,98+0 | 5,48+0 | 5,50+0 | 5,27+0 | 2,18+0 | — | — |
| 55 | — | — | — | 2,16+1 | 3,08+1 | 1,70+1 | 1,39+1 | 1,33+1 | 1,27+1 | 5,20+0 | — | — |
| 57 | — | — | 2,71+0 | 2,70+1 | 3,89+1 | 2,20+1 | 1,89+1 | 1,73+1 | 1,60+1 | 6,50+0 | — | — |
| 59 | — | — | 4,29+0 | 3,12+1 | 4,58+1 | 2,67+1 | 2,47+1 | 2,11+1 | 1,89+1 | 7,53+0 | — | — |
| 61 | — | — | 5,28+0 | 3,76+1 | 5,62+1 | 3,42+1 | 3,44+1 | 2,72+1 | 2,32+1 | 9,08+0 | — | — |
| 63 | — | — | 6,00+0 | 4,21+1 | 6,45+1 | 4,12+1 | 4,60+1 | 3,32+1 | 2,67+1 | 1,02+1 | — | — |
| 65 | — | — | 7,63+0 | 4,33+1 | 6,81+1 | 4,63+1 | 5,82+1 | 3,81+1 | 2,85+1 | 1,05+1 | 1,00+0 | — |
| 67 | — | — | 8,73+0 | 3,25+1 | 5,47+1 | 4,31+1 | 7,10+1 | 3,77+1 | 2,34+1 | 8,01+0 | 1,21+0 | — |
| 69 | — | — | 8,18+0 | 2,47+1 | 4,31+1 | 3,77+1 | 6,79+1 | 3,63+1 | 1,95+1 | 6,32+0 | 1,32+0 | — |
| 71 | — | — | 6,87+0 | 1,89+1 | 3,48+1 | 3,57+1 | 6,85+1 | 3,88+1 | 1,77+1 | 5,34+0 | 1,55+0 | — |
| 73 | — | — | 6,07+0 | 1,49+1 | 3,27+1 | 5,08+1 | 1,56+2 | 6,20+1 | 2,05+1 | 5,25+0 | 2,31+0 | 1,32+0 |
| 75 | 1,70+0 | 1,86+0 | 6,07+0 | 1,26+1 | 3,60+1 | 9,71+1 | 5,79+2 | 1,28+2 | 3,00+1 | 6,57+0 | 4,13+0 | 2,59+0 |
| 80 | 7,62+0 | 1,12+1 | 1,76+1 | 2,19+1 | 7,25+1 | 2,62+2 | 1,34+3 | 3,45+2 | 9,64+1 | 2,82+1 | 2,42+1 | 1,41+1 |
| 85 | 3,42+1 | 8,34+1 | 1,81+2 | 2,14+2 | 4,85+2 | 1,25+3 | 4,40+3 | 1,48+3 | 6,13+2 | 2,80+2 | 0,32+2 | 9,56+1 |
| 90 | 2,04+2 | 7,19+2 | 2,13+2 | 2,68+3 | 3,88+3 | 6,67+3 | 1,80+4 | 7,00+3 | 4,16+3 | 2,90+3 | 2,29+3 | 7,48+2 |
| 95 | 1,68+3 | 5,43+3 | 1,49+4 | 1,84+4 | 2,15+4 | 2,93+4 | 6,06+4 | 2,93+4 | 2,15+4 | 1,84+4 | 1,49+4 | 5,43+3 |
| 105 | 2,52+3 | 8,49+3 | 2,41+4 | 3,00+4 | 3,69+4 | 5,53+4 | 1,44+5 | 5,53+4 | 3,69+4 | 3,00+4 | 2,41+4 | 8,49+3 |

Т а б л и ц а 285 — Ноябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | 1,12+0 | 1,60+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 7,98+0 | 1,13+1 | 6,15+0 | 4,77+0 | 4,84+0 | 4,71+0 | 1,91+0 | — | — |
| 53 | — | — | 1,31+0 | 2,02+1 | 2,87+1 | 1,58+1 | 1,25+1 | 1,24+1 | 1,20+1 | 4,84+0 | — | — |
| 55 | — | — | 2,57+0 | 3,22+1 | 4,59+1 | 2,57+1 | 2,11+1 | 2,02+1 | 1,92+1 | 7,69+0 | — | — |
| 57 | — | — | 4,48+0 | 3,53+1 | 5,10+1 | 2,92+1 | 2,53+1 | 2,30+1 | 2,13+1 | 8,45+0 | — | — |
| 59 | — | — | 5,89+0 | 3,73+1 | 5,47+1 | 3,24+1 | 3,01+1 | 2,57+1 | 2,29+1 | 8,92+0 | — | — |
| 61 | — | — | 6,52+0 | 4,05+1 | 6,06+1 | 3,73+1 | 3,78+1 | 2,99+1 | 2,54+1 | 9,69+0 | — | — |
| 63 | — | — | 6,96+0 | 3,90+1 | 5,99+1 | 3,88+1 | 4,36+1 | 3,16+1 | 2,52+1 | 9,36+0 | — | — |
| 65 | — | — | 7,82+0 | 3,31+1 | 5,21+1 | 3,61+1 | 4,54+1 | 3,04+1 | 2,22+1 | 7,97+0 | — | — |
| 67 | — | — | 7,61+0 | 2,48+1 | 4,08+1 | 3,12+1 | 4,51+1 | 2,81+1 | 1,78+1 | 6,07+0 | 1,02+0 | — |
| 69 | — | — | 6,50+0 | 1,89+1 | 3,18+1 | 2,65+1 | 3,91+1 | 2,65+1 | 1,48+1 | 4,79+0 | 1,03+0 | — |
| 71 | — | — | 5,45+0 | 1,44+1 | 2,59+1 | 2,59+1 | 4,11+1 | 2,93+1 | 1,36+1 | 4,06+0 | 1,21+0 | — |
| 73 | — | — | 4,82+0 | 1,14+1 | 2,43+1 | 3,68+1 | 8,89+1 | 4,62+1 | 1,58+1 | 3,99+0 | 1,82+0 | 1,24+0 |
| 75 | 1,07+0 | — | 4,82+0 | 1,14+1 | 2,43+1 | 3,68+1 | 8,89+1 | 4,62+1 | 1,58+1 | 3,99+0 | 1,82+0 | 1,24+0 |
| 75 | 1,96+0 | 1,75+0 | 4,82+0 | 9,64+0 | 2,68+1 | 6,95+1 | 3,11+2 | 9,31+1 | 2,31+1 | 5,01+0 | 3,27+0 | 2,44+0 |
| 80 | 8,78+0 | 1,05+1 | 1,39+1 | 1,67+1 | 5,59+1 | 1,95+2 | 7,99+2 | 2,57+2 | 7,49+1 | 2,15+1 | 1,92+1 | 1,33+1 |
| 85 | 3,93+1 | 8,03+1 | 1,49+2 | 1,71+2 | 3,84+2 | 9,34+2 | 2,66+3 | 1,11+3 | 4,87+2 | 2,24+2 | 1,91+2 | 9,21+1 |
| 90 | 2,18+2 | 6,83+2 | 1,82+3 | 2,24+3 | 3,15+3 | 5,05+3 | 1,13+4 | 5,30+3 | 3,38+3 | 2,43+3 | 1,96+3 | 7,10+2 |
| 95 | 1,68+3 | 5,02+3 | 1,28+4 | 1,56+4 | 1,79+4 | 2,35+4 | 4,43+4 | 2,35+4 | 1,79+4 | 1,56+4 | 1,28+4 | 5,02+3 |
| 105 | 2,52+3 | 7,84+3 | 2,08+4 | 2,55+4 | 3,11+4 | 4,60+4 | 1,15+5 | 4,60+4 | 3,11+4 | 2,55+4 | 2,08+4 | 7,84+3 |

Таблица 286 — Ноябрь, $\bar{W}=100$, $\varphi=30^\circ$ с ш, $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | 1,12+0 | 1,61+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 3,43+0 | 4,84+0 | 2,65+0 | 2,05+0 | 2,13+0 | 2,03+0 | — | — | — |
| 53 | — | — | — | 1,01+1 | 1,43+1 | 7,92+0 | 6,26+0 | 6,30+0 | 6,00+0 | 2,42+0 | — | — |
| 55 | — | — | 1,05+0 | 2,29+1 | 3,27+1 | 1,83+1 | 1,50+1 | 1,45+1 | 1,37+1 | 5,48+0 | — | — |
| 57 | — | — | 2,93+0 | 3,01+1 | 4,35+1 | 2,50+1 | 2,16+1 | 1,98+1 | 1,82+1 | 7,21+0 | — | — |
| 59 | — | — | 4,75+0 | 3,58+1 | 5,25+1 | 3,11+1 | 2,89+1 | 2,48+1 | 2,20+1 | 8,56+0 | — | — |
| 61 | — | — | 5,99+0 | 4,31+1 | 6,46+1 | 3,98+1 | 4,03+1 | 3,19+1 | 2,71+1 | 1,03+1 | — | — |
| 63 | — | — | 6,93+0 | 4,56+1 | 7,00+1 | 4,54+1 | 5,10+1 | 3,69+1 | 2,95+1 | 1,09+1 | — | — |
| 65 | — | — | 8,69+0 | 4,15+1 | 6,55+1 | 4,52+1 | 5,70+1 | 3,79+1 | 2,78+1 | 1,00+1 | 1,09+0 | — |
| 67 | — | — | 9,07+0 | 3,12+1 | 5,15+1 | 3,97+1 | 5,95+1 | 3,55+1 | 2,25+1 | 7,6+0 | 1,21+0 | — |
| 69 | — | — | 7,99+0 | 2,37+1 | 4,02+1 | 3,39+1 | 5,24+1 | 3,34+1 | 1,85+1 | 5,99+0 | 1,24+0 | — |
| 71 | — | — | 6,69+0 | 1,81+1 | 3,26+1 | 3,28+1 | 5,48+1 | 3,64+1 | 1,69+1 | 5,03+0 | 1,44+0 | — |
| 73 | 1,07+0 | — | 5,88+0 | 1,42+1 | 3,07+1 | 4,73+1 | 1,27+2 | 5,87+1 | 1,95+1 | 4,87+0 | 2,11+0 | 1,33+0 |
| 75 | 1,96+0 | 1,88+0 | 5,80+0 | 1,20+1 | 3,40+1 | 9,21+1 | 4,93+2 | 1,22+2 | 2,84+1 | 5,97+0 | 3,75+0 | 2,62+0 |
| 80 | 8,78+0 | 1,13+1 | 1,60+1 | 1,97+1 | 6,73+1 | 2,46+2 | 1,16+3 | 3,24+2 | 8,93+1 | 2,49+1 | 2,19+1 | 1,43+1 |
| 85 | 3,93+1 | 8,60+1 | 1,70+2 | 1,97+2 | 4,55+2 | 1,17+3 | 3,78+3 | 1,38+3 | 5,76+2 | 2,58+2 | 2,18+2 | 9,87+1 |
| 90 | 2,18+2 | 7,32+2 | 2,07+3 | 2,58+3 | 3,71+3 | 6,21+3 | 1,54+4 | 6,52+3 | 3,98+3 | 2,80+3 | 2,23+3 | 7,61+2 |
| 95 | 1,68+3 | 5,38+3 | 1,46+4 | 1,80+4 | 2,07+4 | 2,73+4 | 5,22+4 | 2,73+4 | 2,07+4 | 1,80+4 | 1,46+4 | 5,38+3 |
| 105 | 2,52+3 | 8,40+3 | 2,37+4 | 2,94+4 | 3,56+4 | 5,17+4 | 1,24+5 | 5,17+4 | 3,56+4 | 2,94+4 | 2,37+4 | 8,40+3 |

Таблица 287 — Ноябрь, $\bar{W}=10$, $\varphi=30^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | — | 1,16+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 5,70+0 | 8,02+0 | 4,33+0 | 3,33+0 | 3,39+0 | 3,30+0 | 1,37+0 | — | — |
| 53 | — | — | — | 1,60+1 | 2,27+1 | 1,23+1 | 9,70+0 | 9,61+0 | 9,32+0 | 3,86+0 | — | — |
| 55 | — | — | 1,96+0 | 2,80+1 | 3,99+1 | 2,20+1 | 1,80+1 | 1,72+1 | 1,64+1 | 6,74+0 | — | — |
| 57 | — | — | 3,77+0 | 3,06+1 | 4,41+1 | 2,49+1 | 2,15+1 | 1,95+1 | 1,82+1 | 7,37+0 | — | — |
| 59 | — | — | 5,08+0 | 3,23+1 | 4,73+1 | 2,76+1 | 2,55+1 | 2,18+1 | 1,95+1 | 7,79+0 | — | — |
| 61 | — | — | 5,65+0 | 3,57+1 | 5,33+1 | 3,24+1 | 3,27+1 | 2,57+1 | 2,20+1 | 8,61+0 | — | — |
| 63 | — | — | 6,03+0 | 3,70+1 | 5,66+1 | 3,62+1 | 4,04+1 | 2,91+1 | 2,35+1 | 8,94+0 | — | — |
| 65 | — | — | 7,04+0 | 3,56+1 | 5,61+1 | 3,81+1 | 4,79+1 | 3,15+1 | 2,35+1 | 8,65+0 | — | — |
| 67 | — | — | 7,52+0 | 2,68+1 | 4,47+1 | 3,48+1 | 5,56+1 | 3,06+1 | 1,92+1 | 6,60+0 | 1,04+0 | — |
| 69 | — | — | 6,86+0 | 2,03+1 | 3,51+1 | 3,01+1 | 5,10+1 | 2,92+1 | 1,60+1 | 5,22+0 | 1,11+0 | — |
| 71 | — | — | 5,76+0 | 1,56+1 | 2,84+1 | 2,86+1 | 5,13+1 | 3,13+1 | 1,46+1 | 4,43+0 | 1,33+0 | — |
| 73 | — | — | 5,11+0 | 1,23+1 | 2,65+1 | 3,97+1 | 1,09+2 | 4,89+1 | 1,68+1 | 4,40+0 | 2,00+0 | 1,22+0 |
| 75 | 1,70+0 | 1,73+0 | 5,15+0 | 1,05+1 | 2,89+1 | 7,34+1 | 3,65+2 | 9,72+1 | 2,45+1 | 5,57+0 | 3,60+0 | 2,41+0 |
| 80 | 7,62+0 | 1,04+1 | 1,53+1 | 1,87+1 | 6,02+1 | 2,06+2 | 9,09+2 | 2,71+2 | 8,05+1 | 2,43+1 | 2,12+1 | 1,32+1 |
| 85 | 3,42+1 | 7,76+1 | 1,58+2 | 1,85+2 | 4,07+2 | 9,93+2 | 3,06+3 | 1,18+3 | 5,15+2 | 2,42+2 | 2,03+2 | 8,90+1 |
| 90 | 2,03+2 | 6,69+2 | 1,86+3 | 2,31+3 | 3,28+3 | 5,38+3 | 1,30+4 | 5,65+3 | 3,51+3 | 2,51+3 | 2,00+3 | 6,96+2 |
| 95 | 1,68+3 | 5,05+3 | 1,30+4 | 1,59+4 | 1,85+4 | 2,50+4 | 5,08+4 | 2,50+4 | 1,85+4 | 1,59+4 | 1,30+4 | 5,05+3 |
| 105 | 2,52+3 | 7,90+3 | 2,11+4 | 2,59+4 | 3,21+4 | 4,90+4 | 1,32+5 | 4,90+4 | 3,21+4 | 2,59+4 | 2,11+4 | 7,90+3 |

Таблица 288 — Ноябрь, $\bar{W} = 100$, $\Phi = 30^\circ$ с. ш., $\lambda = 320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 168,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 48,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,3 | 6,6 | 7,1 | 8,0 | 12,0 | 16,0 | 16,7 | 17,2 | 17,7 | 19,6 |
| 45 | — | — | — | — | 1,13+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,56+0 | 3,60+0 | 1,95+0 | 1,50+0 | 1,56+0 | 1,48+0 | — | — | — |
| 53 | — | — | — | 9,05+0 | 1,28+1 | 6,98+0 | 5,48+0 | 5,49+0 | 5,27+0 | 2,18+0 | — | — |
| 55 | — | — | — | 2,16+1 | 3,08+1 | 1,70+1 | 1,39+1 | 1,33+1 | 1,27+1 | 5,20+0 | — | — |
| 57 | — | — | 2,71+0 | 2,70+1 | 3,89+1 | 2,20+1 | 1,89+1 | 1,73+1 | 1,60+1 | 6,50+0 | — | — |
| 59 | — | — | 4,29+0 | 3,12+1 | 4,58+1 | 2,67+1 | 2,46+1 | 2,11+1 | 1,89+1 | 7,53+0 | — | — |
| 61 | — | — | 5,28+0 | 3,76+1 | 5,62+1 | 3,42+1 | 3,44+1 | 2,72+1 | 2,32+1 | 9,08+0 | — | — |
| 63 | — | — | 6,00+0 | 4,21+1 | 6,45+1 | 4,12+1 | 4,60+1 | 3,32+1 | 2,67+1 | 1,02+1 | — | — |
| 65 | — | — | 7,68+0 | 4,33+1 | 6,81+1 | 4,63+1 | 5,82+1 | 3,81+1 | 2,85+1 | 1,05+1 | 1,00+0 | — |
| 67 | — | — | 8,73+0 | 3,25+1 | 5,47+1 | 4,31+1 | 7,11+1 | 3,77+1 | 2,34+1 | 8,01+0 | 1,21+0 | — |
| 69 | — | — | 8,18+0 | 2,47+1 | 4,31+1 | 3,77+1 | 6,80+1 | 3,63+1 | 1,95+1 | 6,32+0 | 1,32+0 | — |
| 71 | — | — | 6,87+0 | 1,89+1 | 3,48+1 | 3,57+1 | 6,85+1 | 3,88+1 | 1,77+1 | 5,34+0 | 1,55+0 | — |
| 73 | — | — | 6,07+0 | 1,49+1 | 3,27+1 | 5,08+1 | 1,56+2 | 6,20+1 | 2,05+1 | 5,26+0 | 2,31+0 | 1,32+0 |
| 75 | 1,70+0 | 1,86+0 | 6,07+0 | 1,26+1 | 3,60+1 | 9,71+1 | 5,80+2 | 1,28+2 | 3,00+1 | 6,57+0 | 4,13+0 | 2,59+0 |
| 80 | 7,62+0 | 1,12+1 | 1,76+1 | 2,19+1 | 7,25+1 | 2,62+2 | 1,34+3 | 3,45+2 | 9,64+1 | 2,82+1 | 2,42+1 | 1,41+1 |
| 85 | 3,42+1 | 6,34+1 | 1,81+2 | 2,14+2 | 4,85+2 | 1,25+3 | 4,40+3 | 1,48+3 | 6,13+2 | 2,80+2 | 2,32+2 | 9,56+1 |
| 90 | 2,03+2 | 7,19+2 | 2,13+3 | 2,68+3 | 3,88+3 | 6,67+3 | 1,80+4 | 7,01+3 | 4,16+3 | 2,90+3 | 2,29+3 | 7,48+2 |
| 95 | 1,68+3 | 5,43+3 | 1,49+4 | 1,84+4 | 2,15+4 | 2,93+4 | 6,06+4 | 2,93+4 | 2,15+4 | 1,84+4 | 1,49+4 | 5,43+3 |
| 105 | 2,52+3 | 8,49+3 | 2,41+4 | 3,00+4 | 3,69+4 | 5,53+4 | 1,44+5 | 5,53+4 | 3,69+4 | 3,00+4 | 2,41+4 | 8,49+3 |

Таблица 289 — Ноябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,3 | 16,8 | 17,3 | 19,6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 4,82+0 | 6,61+0 | 3,72+0 | 3,07+0 | 3,11+0 | 3,04+0 | 1,28+0 | — | — |
| 53 | — | — | — | 1,39+1 | 1,92+1 | 1,09+1 | 9,17+0 | 9,10+0 | 8,84+0 | 3,69+0 | — | — |
| 55 | — | — | 1,66+0 | 2,49+1 | 3,46+1 | 2,01+1 | 1,74+1 | 1,67+1 | 1,59+1 | 6,59+0 | — | — |
| 57 | — | — | 3,27+0 | 2,71+1 | 3,84+1 | 2,29+1 | 2,07+1 | 1,92+1 | 1,77+1 | 7,19+0 | — | — |
| 59 | — | — | 4,44+0 | 2,87+1 | 4,13+1 | 2,57+1 | 2,46+1 | 2,16+1 | 1,91+1 | 7,60+0 | — | — |
| 61 | — | — | 4,96+0 | 3,17+1 | 4,69+1 | 3,07+1 | 3,16+1 | 2,60+1 | 2,17+1 | 8,43+0 | — | — |
| 63 | — | — | 5,31+0 | 3,33+1 | 5,08+1 | 3,54+1 | 3,97+1 | 3,02+1 | 2,36+1 | 8,87+0 | — | — |
| 65 | — | — | 6,25+0 | 3,30+1 | 5,20+1 | 3,90+1 | 4,82+1 | 3,40+1 | 2,43+1 | 8,80+0 | — | — |
| 67 | — | — | 6,83+0 | 2,48+1 | 4,24+1 | 3,77+1 | 5,78+1 | 3,45+1 | 2,03+1 | 6,71+0 | 1,04+0 | — |
| 69 | — | — | 6,33+0 | 1,88+1 | 3,36+1 | 3,33+1 | 5,40+1 | 3,29+1 | 1,70+1 | 5,31+0 | 1,13+0 | — |
| 71 | — | — | 5,36+0 | 1,44+1 | 2,74+1 | 3,19+1 | 5,42+1 | 3,48+1 | 1,56+1 | 4,52+0 | 1,34+0 | — |
| 73 | — | — | 4,80+0 | 1,14+1 | 2,66+1 | 4,76+1 | 1,14+2 | 5,69+1 | 1,84+1 | 4,49+0 | 2,02+0 | 1,20+0 |
| 75 | 1,64+0 | 1,71+0 | 4,93+0 | 9,86+0 | 3,07+1 | 9,71+1 | 3,77+2 | 1,23+2 | 2,76+1 | 5,69+0 | 3,65+0 | 2,35+0 |
| 80 | 7,36+0 | 1,01+1 | 1,54+1 | 1,87+1 | 6,71+1 | 2,67+2 | 9,28+2 | 3,36+2 | 8,98+1 | 2,48+1 | 2,15+1 | 1,27+1 |
| 85 | 3,30+1 | 7,31+1 | 1,58+2 | 1,86+2 | 4,44+2 | 1,22+3 | 3,14+3 | 1,40+3 | 5,57+2 | 2,45+2 | 2,02+2 | 8,32+1 |
| 90 | 2,00+2 | 6,20+2 | 1,84+3 | 2,31+3 | 3,47+3 | 6,33+3 | 1,34+4 | 6,59+3 | 3,71+3 | 2,50+3 | 1,98+3 | 6,44+2 |
| 95 | 1,68+3 | 4,74+3 | 1,28+4 | 1,58+4 | 1,93+4 | 2,85+4 | 5,20+4 | 2,85+4 | 1,93+4 | 1,58+4 | 1,28+4 | 4,74+3 |
| 105 | 2,52+3 | 7,39+3 | 2,07+4 | 2,58+4 | 3,40+4 | 5,86+4 | 1,35+5 | 5,86+4 | 3,40+4 | 2,58+4 | 2,07+4 | 7,39+3 |

Таблица 290 — Ноябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h l, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,3 | 15,8 | 17,3 | 19,6 |
| 45 | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | — | — | 2,19+0 | 3,00+0 | 1,70+0 | 1,40+0 | 1,44+0 | 1,39+0 | — | — | — |
| 53 | — | — | — | 8,10+0 | 1,12+1 | 6,37+0 | 5,33+0 | 5,34+0 | 5,15+0 | 2,15+0 | — | — |
| 55 | — | — | — | 1,95+1 | 2,72+1 | 1,58+1 | 1,36+1 | 1,32+1 | 1,25+1 | 5,17+0 | — | — |
| 57 | — | — | 2,40+0 | 2,41+1 | 3,41+1 | 2,04+1 | 1,84+1 | 1,71+1 | 1,57+1 | 6,39+0 | — | — |
| 59 | — | — | 3,80+0 | 2,78+1 | 4,00+1 | 2,49+1 | 2,39+1 | 2,10+1 | 1,85+1 | 7,36+0 | — | — |
| 61 | — | — | 4,66+0 | 3,34+1 | 4,93+1 | 3,23+1 | 3,32+1 | 2,74+1 | 2,28+1 | 8,86+0 | — | — |
| 63 | — | — | 5,28+0 | 3,77+1 | 5,75+1 | 4,01+1 | 4,49+1 | 3,43+1 | 2,67+1 | 1,00+1 | — | — |
| 65 | — | — | 6,79+0 | 3,97+1 | 6,27+1 | 4,70+1 | 5,81+1 | 4,09+1 | 2,93+1 | 1,06+1 | — | — |
| 67 | — | — | 7,86+0 | 2,99+1 | 5,15+1 | 4,66+1 | 7,35+1 | 4,25+1 | 2,47+1 | 8,09+0 | 1,20+0 | — |
| 69 | — | — | 7,50+0 | 2,27+1 | 4,11+1 | 4,20+1 | 7,19+1 | 4,13+1 | 2,07+1 | 6,39+0 | 1,32+0 | — |
| 71 | — | — | 6,34+0 | 1,74+1 | 3,36+1 | 4,02+1 | 7,24+1 | 4,36+1 | 1,89+1 | 5,41+0 | 1,56+0 | — |
| 73 | — | — | 5,66+0 | 1,38+1 | 3,29+1 | 6,20+1 | 1,64+2 | 7,38+1 | 2,25+1 | 5,34+0 | 2,34+0 | 1,28+0 |
| 75 | 1,64+0 | 1,84+0 | 5,78+0 | 1,18+1 | 3,84+1 | 1,32+2 | 5,99+2 | 1,67+2 | 3,41+1 | 6,70+0 | 4,19+0 | 2,51+0 |
| 80 | 7,36+0 | 1,09+1 | 1,76+1 | 2,19+1 | 8,15+1 | 3,50+2 | 1,37+3 | 4,40+2 | 1,09+2 | 2,89+1 | 2,46+1 | 1,36+1 |
| 85 | 3,30+1 | 7,83+1 | 1,80+2 | 2,16+2 | 5,34+2 | 1,57+3 | 4,54+3 | 1,81+3 | 6,70+2 | 2,84+2 | 2,32+2 | 8,92+1 |
| 90 | 2,00+2 | 6,64+2 | 2,10+3 | 2,68+3 | 4,15+3 | 8,01+3 | 1,85+4 | 8,34+3 | 4,43+3 | 2,91+3 | 2,26+3 | 6,90+2 |
| 95 | 1,68+3 | 5,08+3 | 1,47+4 | 1,83+4 | 2,25+4 | 3,36+4 | 6,23+4 | 3,36+4 | 2,25+4 | 1,83+4 | 1,47+4 | 5,08+3 |
| 105 | 2,52+3 | 7,92+3 | 2,37+4 | 2,99+4 | 3,90+4 | 6,59+4 | 1,47+5 | 6,59+4 | 3,90+4 | 2,99+4 | 2,37+4 | 7,92+3 |

Таблица 291 — Ноябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0 | 85,0° | 90,0° | 95,0° | 120,0° |
| | h, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,3 | 16,8 | 17,3 | 19,6 |
| 45 | — | — | — | 1,20+0 | 1,68+0 | 1,00+0 | — | — | — | — | — | — |
| 50 | — | — | — | 8,61+0 | 1,19+1 | 6,84+0 | 5,70+0 | 5,76+0 | 5,62+0 | 2,29+0 | — | — |
| 53 | — | — | 1,38+0 | 2,08+1 | 2,89+1 | 1,68+1 | 1,43+1 | 1,42+1 | 1,37+1 | 5,54+0 | — | — |
| 55 | — | — | 2,66+0 | 3,17+1 | 4,43+1 | 2,64+1 | 2,30+1 | 2,22+1 | 2,10+1 | 8,42+0 | — | — |
| 57 | — | — | 4,42+0 | 3,49+1 | 4,95+1 | 3,04+1 | 2,77+1 | 2,56+1 | 2,35+1 | 9,27+0 | — | — |
| 59 | — | — | 5,75+0 | 3,69+1 | 5,33+1 | 3,40+1 | 3,29+1 | 2,89+1 | 2,54+1 | 9,79+0 | — | — |
| 61 | — | — | 6,37+0 | 3,94+1 | 5,84+1 | 3,92+1 | 4,08+1 | 3,35+1 | 2,78+1 | 1,05+1 | — | — |
| 63 | — | — | 6,81+0 | 3,63+1 | 5,56+1 | 3,97+1 | 4,49+1 | 3,44+1 | 2,66+1 | 9,68+0 | — | — |
| 65 | — | — | 7,47+0 | 2,85+1 | 4,52+1 | 3,49+1 | 4,33+1 | 3,13+1 | 2,18+1 | 7,62+0 | 1,03+0 | — |
| 67 | — | — | 6,89+0 | 2,14+1 | 3,52+1 | 2,97+1 | 2,94+1 | 2,82+1 | 1,74+1 | 5,81+0 | 1,01+0 | — |
| 69 | — | — | 5,69+0 | 1,63+1 | 2,75+1 | 2,54+1 | 3,38+1 | 2,61+1 | 1,44+1 | 4,58+0 | — | — |
| 71 | — | — | 4,80+0 | 1,25+1 | 2,29+1 | 2,60+1 | 3,76+1 | 2,95+1 | 1,35+1 | 3,86+0 | 1,15+0 | — |
| 73 | 1,14+0 | — | 4,27+0 | 9,84+0 | 2,24+1 | 3,99+1 | 8,10+1 | 4,91+1 | 1,61+1 | 3,78+0 | 1,71+0 | 1,22+0 |
| 75 | 2,07+0 | 1,75+0 | 4,33+0 | 8,41+0 | 2,63+1 | 8,42+1 | 2,82+2 | 1,08+2 | 2,43+1 | 4,69+0 | 3,06+0 | 2,40+0 |
| 80 | 5,30+0 | 1,04+1 | 1,29+1 | 1,52+1 | 5,77+1 | 2,32+2 | 7,22+2 | 2,92+2 | 7,75+1 | 1,99+1 | 1,79+1 | 1,29+1 |
| 85 | 4,17+1 | 7,72+1 | 1,40+2 | 1,60+2 | 3,91+2 | 1,04+3 | 2,41+3 | 1,20+3 | 4,91+2 | 2,09+2 | 1,80+2 | 8,78+1 |
| 90 | 2,25+2 | 6,35+2 | 1,72+3 | 2,12+3 | 3,13+3 | 5,39+3 | 1,02+4 | 5,61+3 | 3,35+3 | 2,30+3 | 1,85+3 | 6,59+2 |
| 95 | 1,68+3 | 4,62+3 | 1,22+4 | 1,49+4 | 1,76+4 | 2,43+4 | 4,01+4 | 2,43+4 | 1,76+4 | 1,49+4 | 1,22+4 | 4,62+3 |
| 105 | 2,52+3 | 7,20+3 | 1,97+4 | 2,43+4 | 3,10+4 | 5,00+4 | 1,04+5 | 5,00+4 | 3,10+4 | 2,43+4 | 1,97+4 | 7,20+3 |

Т а б л и ц а 292 — Ноябрь, $\bar{W}=100$, $\varphi=40^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t , ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,3 | 15,8 | 17,3 | 19,6 |
| 45 | — | — | — | 1,23+0 | 1,71+0 | 1,02+0 | — | — | — | — | — | — |
| 50 | — | — | — | 3,65+0 | 5,03+0 | 2,91+0 | 2,42+0 | 2,49+0 | 2,39+0 | — | — | — |
| 53 | — | — | — | 9,87+0 | 1,37+1 | 7,98+0 | 6,75+0 | 6,78+0 | 6,49+0 | 2,62+0 | — | — |
| 55 | — | — | 1,03+0 | 2,17+1 | 3,04+1 | 1,81+1 | 1,58+1 | 1,53+1 | 1,44+1 | 5,77+0 | — | — |
| 57 | — | — | 2,78+0 | 2,93+1 | 4,16+1 | 2,55+1 | 2,32+1 | 2,16+1 | 1,97+1 | 7,78+0 | — | — |
| 59 | — | — | 4,54+0 | 3,52+1 | 5,10+1 | 3,25+1 | 3,14+1 | 2,77+1 | 2,42+1 | 9,35+0 | — | — |
| 61 | — | — | 5,81+0 | 4,22+1 | 6,26+1 | 4,20+1 | 4,37+1 | 3,60+1 | 2,98+1 | 1,12+1 | — | — |
| 63 | — | — | 6,78+0 | 4,30+1 | 6,57+1 | 4,69+1 | 5,31+1 | 4,06+1 | 3,14+1 | 1,14+1 | — | — |
| 65 | — | — | 8,36+0 | 3,64+1 | 5,76+1 | 4,45+1 | 5,53+1 | 3,96+1 | 2,78+1 | 9,72+0 | 1,15+0 | — |
| 67 | — | — | 8,31+0 | 2,73+1 | 4,52+1 | 3,87+1 | 5,30+1 | 3,63+1 | 2,23+1 | 7,39+0 | 1,21+0 | — |
| 69 | — | — | 7,09+0 | 2,07+1 | 3,53+1 | 3,29+1 | 4,55+1 | 3,35+1 | 1,84+1 | 5,80+0 | 1,19+0 | — |
| 71 | — | — | 5,97+0 | 1,59+1 | 2,93+1 | 3,33+1 | 5,01+1 | 3,72+1 | 1,70+1 | 4,85+0 | 1,37+0 | — |
| 73 | 1,14+0 | — | 5,27+0 | 1,25+1 | 2,88+1 | 5,25+1 | 1,16+2 | 6,38+1 | 2,01+1 | 4,65+0 | 2,00+0 | 1,31+0 |
| 75 | 2,07+0 | 1,87+0 | 5,26+0 | 1,06+1 | 3,39+1 | 1,15+2 | 4,47+2 | 1,47+2 | 3,04+1 | 5,63+0 | 3,52+0 | 2,56+0 |
| 80 | 9,30+0 | 1,11+1 | 1,49+1 | 1,80+1 | 7,01+1 | 3,01+2 | 1,05+3 | 3,78+2 | 9,32+1 | 2,31+1 | 2,04+1 | 1,38+1 |
| 85 | 4,17+1 | 8,24+1 | 1,59+2 | 1,84+2 | 4,67+2 | 1,34+3 | 3,42+3 | 1,54+3 | 5,86+2 | 2,41+2 | 2,04+2 | 9,38+1 |
| 90 | 2,25+2 | 6,79+2 | 1,96+3 | 2,45+3 | 3,72+3 | 6,76+3 | 1,40+4 | 7,04+3 | 3,97+3 | 2,65+3 | 2,10+3 | 7,04+2 |
| 95 | 1,68+3 | 4,93+3 | 1,38+4 | 1,72+4 | 2,03+4 | 2,84+4 | 4,73+4 | 2,84+4 | 2,03+4 | 1,72+4 | 1,38+4 | 4,93+3 |
| 105 | 2,52+3 | 7,69+3 | 2,24+4 | 2,81+4 | 3,54+4 | 5,58+4 | 1,13+5 | 5,58+4 | 3,54+4 | 2,81+4 | 2,24+4 | 7,69+3 |

Таблица 293 — Ноябрь, $\bar{W}=10$, $\Phi=40^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0.0 | 4.4 | 6.5 | 7.0 | 7.5 | 8.6 | 12.0 | 15.3 | 16.3 | 16.8 | 17.3 | 19.6 |
| 45 | — | — | — | 1,44+0 | 2,02+0 | 1,22+0 | 1,07+0 | 1,05+0 | — | — | — | — |
| 50 | — | — | — | 1,04+1 | 1,44+1 | 8,41+0 | 7,05+0 | 7,13+0 | 6,98+0 | 2,92+0 | — | — |
| 53 | — | — | 1,78+0 | 2,40+1 | 3,33+1 | 1,97+1 | 1,68+1 | 1,67+1 | 1,62+1 | 6,73+0 | — | — |
| 55 | — | — | 3,34+0 | 3,48+1 | 4,88+1 | 2,94+1 | 2,58+1 | 2,49+1 | 2,37+1 | 9,76+0 | — | — |
| 57 | — | — | 5,28+0 | 3,85+1 | 5,47+1 | 3,40+1 | 3,12+1 | 2,89+1 | 2,66+1 | 1,08+1 | — | — |
| 59 | — | — | 6,80+0 | 4,06+1 | 5,89+1 | 3,81+1 | 3,70+1 | 3,26+1 | 2,86+1 | 1,14+1 | — | — |
| 61 | — | — | 7,50+0 | 4,23+1 | 6,28+1 | 4,28+1 | 4,47+1 | 3,69+1 | 3,06+1 | 1,18+1 | 1,06+0 | — |
| 63 | — | — | 7,99+0 | 3,65+1 | 5,60+1 | 4,07+1 | 4,62+1 | 3,57+1 | 2,74+1 | 1,03+1 | 1,14+0 | — |
| 65 | — | — | 8,41+0 | 2,58+1 | 4,11+1 | 3,24+1 | 4,01+1 | 2,97+1 | 2,04+1 | 7,30+0 | 1,23+0 | — |
| 67 | — | — | 7,17+0 | 1,94+1 | 3,15+1 | 2,64+1 | 3,29+1 | 2,59+1 | 1,61+1 | 5,57+0 | 1,12+0 | — |
| 69 | — | — | 5,65+0 | 1,48+1 | 2,47+1 | 2,29+1 | 2,82+1 | 2,45+1 | 1,35+1 | 4,42+0 | 1,06+0 | — |
| 71 | 1,39+0 | — | 4,79+0 | 1,14+1 | 2,12+1 | 2,54+1 | 3,53+1 | 3,00+1 | 1,33+1 | 3,78+0 | 1,28+0 | 1,00+0 |
| 73 | 2,54+0 | 1,38+0 | 4,33+0 | 9,04+0 | 2,10+1 | 3,95+1 | 7,46+1 | 5,01+1 | 1,63+1 | 3,80+0 | 1,95+0 | 1,96+0 |
| 75 | 4,63+0 | 2,81+0 | 4,53+0 | 7,90+0 | 2,53+1 | 8,31+1 | 2,48+2 | 1,09+2 | 2,52+1 | 4,88+0 | 3,55+0 | 3,85+0 |
| 80 | 2,07+1 | 1,66+1 | 1,49+1 | 1,60+1 | 6,02+1 | 2,29+2 | 6,15+2 | 2,89+2 | 8,25+1 | 2,17+1 | 2,10+1 | 2,08+1 |
| 85 | 9,30+1 | 1,24+2 | 1,64+2 | 1,74+2 | 4,15+2 | 1,03+3 | 2,07+3 | 1,18+3 | 5,21+2 | 2,29+2 | 2,10+2 | 1,41+2 |
| 90 | 4,52+2 | 9,62+2 | 1,98+3 | 2,31+3 | 3,29+3 | 5,26+3 | 8,83+3 | 5,47+3 | 3,52+3 | 2,51+3 | 2,13+3 | 9,98+2 |
| 95 | 2,44+3 | 5,86+3 | 1,36+4 | 1,62+4 | 1,84+4 | 2,35+4 | 3,44+4 | 2,35+4 | 1,84+4 | 1,62+4 | 1,36+4 | 5,86+3 |
| 105 | 3,58+3 | 9,04+3 | 2,20+4 | 2,65+4 | 3,24+4 | 4,84+4 | 8,94+4 | 4,84+4 | 3,24+4 | 2,65+4 | 2,20+4 | 9,04+3 |

Таблица 294 — Ноябрь, $\bar{W}=100$, $\varphi=40^\circ$ с ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,3 | 17,8 | 17,3 | 19,6 |
| 45 | — | — | — | 1,50+0 | 2,11+0 | 1,27+0 | 1,12+0 | 1,10+0 | 1,02+0 | — | — | — |
| 50 | — | — | — | 4,38+0 | 6,04+0 | 3,54+0 | 2,96+0 | 3,05+0 | 2,93+0 | 1,23+0 | — | — |
| 53 | — | — | — | 1,07+1 | 1,49+1 | 8,82+0 | 7,49+0 | 7,56+0 | 7,23+0 | 3,00+0 | — | — |
| 55 | — | — | 1,22+0 | 2,28+1 | 3,19+1 | 1,93+1 | 1,69+1 | 1,64+1 | 1,55+1 | 6,38+0 | — | — |
| 57 | — | — | 3,16+0 | 3,17+1 | 4,50+1 | 2,80+1 | 2,57+1 | 2,39+1 | 2,19+1 | 8,88+0 | — | — |
| 59 | — | — | 5,23+0 | 3,86+1 | 5,60+1 | 3,63+1 | 3,52+1 | 3,11+1 | 2,72+1 | 1,08+1 | — | — |
| 61 | — | — | 6,77+0 | 4,55+1 | 6,77+1 | 4,61+1 | 4,82+1 | 3,98+1 | 3,30+1 | 1,28+1 | — | — |
| 63 | — | — | 7,96+0 | 4,37+1 | 6,70+1 | 4,86+1 | 5,52+1 | 4,26+1 | 3,28+1 | 1,23+1 | 1,14+0 | — |
| 65 | — | — | 9,49+0 | 3,35+1 | 5,32+1 | 4,19+1 | 5,20+1 | 3,81+1 | 2,63+1 | 9,44+0 | 1,39+0 | — |
| 67 | — | — | 8,74+0 | 2,51+1 | 4,11+1 | 3,50+1 | 4,54+1 | 3,39+1 | 2,10+1 | 7,19+0 | 1,36+0 | — |
| 69 | — | — | 7,12+0 | 1,91+1 | 3,22+1 | 3,00+1 | 3,86+1 | 3,17+1 | 1,74+1 | 5,68+0 | 1,30+0 | — |
| 71 | 1,39+0 | — | 6,03+0 | 1,47+1 | 2,74+1 | 3,26+1 | 4,72+1 | 3,79+1 | 1,68+1 | 4,80+0 | 1,54+0 | 1,07+0 |
| 73 | 2,54+0 | 1,48+0 | 5,39+0 | 1,16+1 | 2,72+1 | 5,21+1 | 1,07+2 | 6,52+1 | 2,04+1 | 4,72+0 | 2,29+0 | 2,10+0 |
| 75 | 4,63+0 | 3,01+0 | 5,54+0 | 1,00+1 | 3,27+1 | 1,14+2 | 3,94+2 | 1,48+2 | 3,16+1 | 5,90+0 | 4,10+0 | 4,13+0 |
| 80 | 2,07+1 | 1,78+1 | 1,72+1 | 1,90+1 | 7,36+1 | 2,99+2 | 9,06+2 | 3,77+2 | 9,99+1 | 2,53+1 | 2,40+1 | 2,23+1 |
| 85 | 9,30+1 | 1,33+2 | 1,87+2 | 2,02+2 | 4,99+2 | 1,33+3 | 2,99+3 | 1,53+3 | 6,27+2 | 2,65+2 | 2,40+2 | 1,51+2 |
| 90 | 4,52+2 | 1,03+3 | 2,27+3 | 2,68+3 | 3,93+3 | 6,65+3 | 1,22+4 | 6,93+3 | 4,20+3 | 2,90+3 | 2,44+3 | 1,07+3 |
| 95 | 2,44+3 | 6,27+3 | 1,55+4 | 1,88+4 | 2,14+4 | 2,77+4 | 4,11+4 | 2,77+4 | 2,14+4 | 1,88+4 | 1,55+4 | 6,27+3 |
| 105 | 3,58+3 | 9,68+3 | 2,51+4 | 3,07+4 | 3,72+4 | 5,44+4 | 9,74+4 | 5,44+4 | 3,72+4 | 3,07+4 | 2,51+4 | 9,68+3 |

Таблица 295 — Ноябрь, $\bar{W}=10$, $\varphi=40^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,5 | 7,0 | 7,5 | 8,6 | 12,0 | 15,3 | 1,3 | 16,8 | 17,3 | 19,6 |
| 45 | — | — | — | 1,17+0 | 1,64+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 8,42+0 | 1,16+1 | 6,67+0 | 5,56+0 | 5,62+0 | 5,48+0 | 2,23+0 | — | — |
| 53 | — | — | 1,35+0 | 2,05+1 | 2,84+1 | 1,65+1 | 1,40+1 | 1,39+1 | 1,34+1 | 5,42+0 | — | — |
| 55 | — | — | 2,61+0 | 3,14+1 | 4,39+1 | 2,60+1 | 2,27+1 | 2,19+1 | 2,08+1 | 8,30+0 | — | — |
| 57 | — | — | 4,36+0 | 3,45+1 | 4,90+1 | 3,00+1 | 2,73+1 | 2,53+1 | 2,32+1 | 9,14+0 | — | — |
| 59 | — | — | 5,69+0 | 3,65+1 | 5,28+1 | 3,36+1 | 3,25+1 | 2,85+1 | 2,50+1 | 9,65+0 | — | — |
| 61 | — | — | 6,30+0 | 3,91+1 | 5,79+1 | 3,88+1 | 4,03+1 | 3,31+1 | 2,75+1 | 1,03+1 | — | — |
| 63 | — | — | 6,74+0 | 3,63+1 | 5,55+1 | 3,96+1 | 4,48+1 | 3,43+1 | 2,65+1 | 9,63+0 | — | — |
| 65 | — | — | 7,42+0 | 2,88+1 | 4,56+1 | 3,52+1 | 4,37+1 | 3,15+1 | 2,20+1 | 7,67+0 | 1,02+0 | — |
| 67 | — | — | 6,91+0 | 2,16+1 | 3,56+1 | 3,01+1 | 4,03+1 | 2,85+1 | 1,76+1 | 5,84+0 | 1,01+0 | — |
| 69 | — | — | 5,74+0 | 1,64+1 | 2,78+1 | 2,57+1 | 3,46+1 | 2,65+1 | 1,46+1 | 4,61+0 | — | — |
| 71 | — | — | 4,84+0 | 1,26+1 | 2,32+1 | 2,62+1 | 3,80+1 | 2,97+1 | 1,36+1 | 3,89+0 | 1,16+0 | — |
| 73 | 1,13+0 | — | 4,31+0 | 9,94+0 | 2,26+1 | 4,03+1 | 8,21+1 | 4,95+1 | 1,62+1 | 3,81+0 | 1,73+0 | 1,22+0 |
| 75 | 2,06+0 | 1,75+0 | 4,37+0 | 8,50+0 | 2,66+1 | 8,50+1 | 2,86+2 | 1,09+2 | 2,45+1 | 4,74+0 | 3,09+0 | 2,40+0 |
| 80 | 9,22+0 | 1,04+1 | 1,30+1 | 1,54+1 | 5,83+1 | 2,35+2 | 7,35+2 | 2,95+2 | 7,83+1 | 2,01+1 | 1,81+1 | 1,30+1 |
| 85 | 4,13+1 | 7,72+1 | 1,41+2 | 1,61+2 | 3,95+2 | 1,06+3 | 2,45+3 | 1,22+3 | 4,96+2 | 2,12+2 | 1,81+2 | 8,79+1 |
| 90 | 2,24+2 | 6,37+2 | 1,73+3 | 2,14+3 | 3,17+3 | 5,46+3 | 1,04+4 | 5,68+3 | 3,38+3 | 2,32+3 | 1,87+3 | 6,61+2 |
| 95 | 1,68+3 | 4,64+3 | 1,23+4 | 1,50+4 | 1,78+4 | 2,46+4 | 4,07+4 | 2,46+4 | 1,78+4 | 1,50+4 | 1,23+4 | 4,64+3 |
| 105 | 2,52+3 | 7,23+3 | 1,98+4 | 2,46+4 | 3,14+4 | 5,07+4 | 1,06+5 | 5,07+4 | 3,14+4 | 2,46+4 | 1,98+4 | 7,23+3 |

Т а б л и ц а 296 — Ноябрь, $\bar{W} = 100$, $\varphi = 40^\circ$ с. ш., $\lambda = 320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 158,5° | 120,0° | 95,0° | 90,0° | 85,0° | 75,0° | 58,5° | 75,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0.0 | 4.4 | 6.5 | 7.0 | 7.5 | 8.6 | 12.0 | 15.3 | 16.3 | 16.8 | 17.3 | 19.6 |
| 45 | — | — | — | 1,20+0 | 1,67+0 | — | — | — | — | — | — | — |
| 50 | — | — | — | 3,58+0 | 4,92+0 | 2,84+0 | — | — | — | — | — | — |
| 53 | — | — | — | 9,78+0 | 1,35+1 | 7,90+0 | 2,36+0 | 2,43+0 | 2,33+0 | — | — | — |
| 55 | — | — | — | 2,76+0 | 2,90+1 | 4,12+1 | 6,67+0 | 6,71+0 | 6,41+0 | 2,59+0 | — | — |
| 57 | — | — | 1,02+0 | 2,16+1 | 3,02+1 | 1,80+1 | 1,56+1 | 1,52+1 | 1,43+1 | 5,72+0 | — | — |
| 59 | — | — | 2,76+0 | 2,90+1 | 4,12+1 | 2,52+1 | 2,30+1 | 2,14+1 | 1,95+1 | 7,68+0 | — | — |
| 61 | — | — | 4,50+0 | 3,48+1 | 5,04+1 | 3,21+1 | 3,10+1 | 2,73+1 | 2,39+1 | 9,22+0 | — | — |
| 63 | — | — | 5,75+0 | 4,18+1 | 6,20+1 | 4,16+1 | 4,32+1 | 3,56+1 | 2,95+1 | 1,11+1 | — | — |
| 65 | — | — | 6,71+0 | 4,28+1 | 6,55+1 | 4,67+1 | 5,28+1 | 4,04+1 | 3,12+1 | 1,14+1 | — | — |
| 67 | — | — | 8,30+0 | 3,67+1 | 5,81+1 | 4,48+1 | 5,56+1 | 3,98+1 | 2,79+1 | 9,76+0 | 1,14+0 | — |
| 69 | — | — | 8,32+0 | 2,75+1 | 4,57+1 | 3,92+1 | 5,40+1 | 3,67+1 | 2,25+1 | 7,43+0 | 1,20+0 | — |
| 71 | — | — | 7,14+0 | 2,09+1 | 3,57+1 | 3,34+1 | 4,65+1 | 3,39+1 | 1,85+1 | 5,83+0 | 1,20+0 | — |
| 73 | — | — | 6,01+0 | 1,60+1 | 2,96+1 | 3,36+1 | 5,07+1 | 3,75+1 | 1,71+1 | 4,88+0 | 1,38+0 | — |
| 75 | 1,13+0 | — | 5,31+0 | 1,26+1 | 2,91+1 | 5,29+1 | 1,18+2 | 6,42+1 | 2,03+1 | 4,69+0 | 2,01+0 | 1,31+0 |
| 80 | 2,06+0 | 1,87+0 | 5,30+0 | 1,06+1 | 3,42+1 | 1,16+2 | 4,54+2 | 1,48+2 | 3,06+1 | 5,68+0 | 2,55+0 | 2,56+0 |
| 85 | 9,22+0 | 1,11+1 | 1,50+1 | 1,82+1 | 7,08+1 | 3,04+2 | 1,07+3 | 3,82+2 | 9,42+1 | 2,33+1 | 2,06+1 | 1,38+1 |
| 85 | 4,13+1 | 8,25+1 | 1,61+2 | 1,86+2 | 4,72+2 | 1,35+3 | 3,48+3 | 1,55+3 | 5,92+2 | 2,44+2 | 2,06+2 | 9,39+1 |
| 90 | 2,24+2 | 6,80+2 | 1,97+3 | 2,47+3 | 3,75+3 | 6,84+3 | 1,42+4 | 7,12+3 | 1,01+3 | 2,68+3 | 2,12+3 | 7,06+2 |
| 95 | 1,68+3 | 4,95+3 | 1,39+4 | 1,73+4 | 2,06+4 | 2,87+4 | 4,80+4 | 2,87+4 | 2,06+4 | 1,73+4 | 1,39+4 | 4,95+3 |
| 105 | 2,52+3 | 7,72+3 | 2,26+4 | 2,83+4 | 3,57+4 | 5,65+4 | 1,14+5 | 5,65+4 | 3,57+4 | 2,83+4 | 2,26+4 | 7,72+3 |

Таблица 297 — Ноябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90,0° | 95,0 | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 13,7 | 17,2 | 19,6 |
| 45 | — | — | — | 1,36+0 | 1,87+0 | 1,55+0 | 1,06+0 | 1,04+0 | — | — | — | — |
| 50 | — | — | — | 9,79+0 | 1,33+1 | 1,08+1 | 6,99+0 | 7,09+0 | 6,93+0 | 2,89+0 | — | — |
| 53 | — | — | — | 2,26+1 | 3,08+1 | 2,52+1 | 1,67+1 | 1,66+1 | 1,61+1 | 6,68+0 | — | — |
| 55 | — | — | 1,64+0 | 3,08+0 | 3,28+1 | 4,53+1 | 3,75+1 | 2,57+1 | 2,46+1 | 2,37+1 | 9,71+0 | — |
| 57 | — | — | 4,88+0 | 3,62+1 | 5,09+1 | 4,28+1 | 3,10+1 | 2,83+1 | 2,66+1 | 1,07+1 | — | — |
| 59 | — | — | 6,28+0 | 3,82+1 | 5,50+1 | 4,74+1 | 3,68+1 | 3,15+1 | 2,88+1 | 1,13+1 | — | — |
| 61 | — | — | 6,95+0 | 3,99+1 | 5,90+1 | 5,24+1 | 4,45+1 | 3,52+1 | 3,09+1 | 1,18+1 | 1,03+0 | — |
| 63 | — | — | 7,41+0 | 3,46+1 | 5,30+1 | 4,90+1 | 4,61+1 | 3,37+1 | 2,79+1 | 1,02+1 | 1,11+0 | — |
| 65 | — | — | 7,84+0 | 2,45+1 | 3,92+1 | 3,82+1 | 4,02+1 | 2,79+1 | 2,09+1 | 7,31+0 | 1,20+0 | — |
| 67 | — | — | 6,73+0 | 1,84+1 | 3,01+1 | 3,07+1 | 3,31+1 | 2,45+1 | 1,66+1 | 5,58+0 | 1,10+0 | — |
| 69 | — | — | 5,33+0 | 1,40+1 | 2,37+1 | 2,60+1 | 2,84+1 | 2,37+1 | 1,39+1 | 4,42+0 | 1,04+0 | — |
| 71 | 1,26+0 | — | 4,54+0 | 1,08+1 | 2,06+1 | 2,70+1 | 3,53+1 | 2,86+1 | 1,36+1 | 3,77+0 | 1,25+0 | — |
| 73 | 2,29+0 | 1,33+0 | 4,12+0 | 8,60+0 | 2,10+1 | 3,76+1 | 7,47+1 | 4,54+1 | 1,70+1 | 3,76+0 | 1,90+0 | 1,85+0 |
| 75 | 4,18+0 | 2,68+0 | 4,33+0 | 7,53+0 | 2,63+1 | 6,89+1 | 2,49+2 | 9,01+1 | 2,68+1 | 4,80+0 | 3,44+0 | 3,62+0 |
| 80 | 1,87+1 | 1,57+1 | 1,43+1 | 1,55+1 | 6,36+1 | 1,85+2 | 6,18+2 | 2,42+2 | 8,65+1 | 2,11+1 | 2,02+1 | 1,94+1 |
| 85 | 8,39+1 | 1,14+2 | 1,58+2 | 1,69+2 | 4,29+2 | 8,74+2 | 2,08+3 | 1,03+3 | 5,35+2 | 2,23+2 | 2,02+2 | 1,29+2 |
| 90 | 4,11+2 | 8,70+2 | 1,91+3 | 2,25+3 | 3,34+3 | 4,65+3 | 8,87+3 | 4,88+3 | 3,56+3 | 2,44+3 | 2,05+3 | 9,02+2 |
| 95 | 2,30+3 | 5,38+3 | 1,31+4 | 1,58+4 | 1,84+4 | 2,14+4 | 3,46+4 | 2,14+4 | 1,84+4 | 1,58+4 | 1,31+4 | 5,38+3 |
| 105 | 3,39+3 | 8,30+3 | 2,12+4 | 2,58+4 | 3,29+4 | 4,19+4 | 8,99+4 | 4,19+4 | 3,29+4 | 2,58+4 | 2,12+4 | 8,30+3 |

Т а б л и ц а 298 — Ноябрь, $\bar{W}=100$, $\varphi=45^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 16,7 | 17,2 | 19,6 |
| 45 | — | — | — | 1,41+0 | 1,95+0 | 1,61+0 | 1,11+0 | 1,08+0 | 1,02+0 | — | — | — |
| 50 | — | — | — | 4,11+0 | 5,57+0 | 4,54+0 | 2,93+0 | 3,05+0 | 2,91+0 | 1,22+0 | — | — |
| 53 | — | — | — | 1,01+1 | 1,38+1 | 1,13+1 | 7,45+0 | 7,53+0 | 7,21+0 | 2,99+0 | — | — |
| 55 | — | — | 1,13+0 | 2,15+1 | 2,97+1 | 2,46+1 | 1,68+1 | 1,63+1 | 1,55+1 | 6,36+0 | — | — |
| 57 | — | — | 2,93+0 | 2,99+1 | 4,19+1 | 3,53+1 | 2,55+1 | 2,35+1 | 2,19+1 | 8,83+0 | — | — |
| 59 | — | — | 4,84+0 | 3,64+1 | 5,23+1 | 4,51+1 | 3,50+1 | 3,01+1 | 2,74+1 | 1,08+1 | — | — |
| 61 | — | — | 6,28+0 | 4,29+1 | 6,35+1 | 5,65+1 | 4,79+1 | 3,81+1 | 3,33+1 | 1,27+1 | — | — |
| 63 | — | — | 7,39+0 | 4,13+1 | 6,33+1 | 5,85+1 | 5,51+1 | 4,02+1 | 3,33+1 | 1,22+1 | 1,11+0 | — |
| 65 | — | — | 8,84+0 | 3,17+1 | 5,07+1 | 4,93+1 | 5,20+1 | 3,56+1 | 2,70+1 | 9,45+0 | 1,36+0 | — |
| 67 | — | — | 8,19+0 | 2,39+1 | 3,95+1 | 4,04+1 | 4,56+1 | 3,18+1 | 2,16+1 | 7,20+0 | 1,33+0 | — |
| 69 | — | — | 6,71+0 | 1,81+1 | 3,10+1 | 3,39+1 | 3,88+1 | 3,02+1 | 1,79+1 | 5,67+0 | 1,28+0 | — |
| 71 | 1,26+0 | — | 5,70+0 | 1,39+1 | 2,67+1 | 3,46+1 | 4,72+1 | 3,58+1 | 1,73+1 | 4,79+0 | 1,50+0 | 1,01+0 |
| 73 | 2,29+0 | 1,41+0 | 5,12+0 | 1,10+1 | 2,74+1 | 4,90+1 | 1,07+2 | 5,79+1 | 2,14+1 | 4,68+0 | 2,22+0 | 1,98+0 |
| 75 | 4,18+0 | 2,86+0 | 5,28+0 | 9,54+0 | 3,43+1 | 9,21+1 | 3,96+2 | 1,19+2 | 3,39+1 | 5,81+0 | 3,97+0 | 3,87+0 |
| 80 | 1,87+1 | 1,67+1 | 1,65+1 | 1,84+1 | 7,82+1 | 2,36+2 | 9,10+2 | 3,09+2 | 1,05+2 | 2,46+1 | 2,31+1 | 2,07+1 |
| 85 | 8,39+1 | 1,22+2 | 1,80+2 | 1,97+2 | 5,19+2 | 1,10+3 | 3,00+3 | 1,31+3 | 6,47+2 | 2,58+2 | 2,31+2 | 1,38+2 |
| 90 | 4,11+2 | 9,29+2 | 2,18+3 | 2,61+3 | 4,00+3 | 5,77+3 | 1,23+4 | 6,05+3 | 4,27+3 | 2,83+3 | 2,34+3 | 9,62+2 |
| 95 | 2,30+3 | 5,75+3 | 1,50+4 | 1,83+4 | 2,15+4 | 2,51+4 | 4,13+4 | 2,51+4 | 2,15+4 | 1,83+4 | 1,50+4 | 5,75+3 |
| 105 | 3,39+3 | 8,86+3 | 2,42+4 | 2,99+4 | 3,77+4 | 4,74+4 | 9,78+4 | 4,74+4 | 3,77+4 | 2,99+4 | 2,42+4 | 8,86+3 |

Т а б л и ц а 299 — Ноябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t , ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 13,7 | 17,2 | 19,6 |
| 45 | — | — | — | 2,03+0 | 2,81+0 | 2,35+0 | 1,62+0 | 1,65+0 | 1,50+0 | — | — | — |
| 50 | — | — | 1,15+0 | 1,47+1 | 2,00+1 | 1,64+1 | 1,07+1 | 1,11+1 | 1,07+1 | 4,66+0 | — | — |
| 53 | — | — | 3,16+0 | 3,30+1 | 4,52+1 | 3,72+1 | 2,49+1 | 2,51+1 | 2,41+1 | 1,04+1 | — | — |
| 55 | — | — | 5,86+0 | 4,65+1 | 6,43+1 | 5,36+1 | 3,71+1 | 3,62+1 | 3,44+1 | 1,47+1 | — | — |
| 57 | — | — | 9,00+0 | 5,14+1 | 7,23+1 | 6,14+1 | 4,48+1 | 4,20+1 | 3,87+1 | 1,62+1 | 1,44+0 | — |
| 59 | — | — | 1,15+1 | 5,42+1 | 7,82+1 | 6,82+1 | 5,33+1 | 4,73+1 | 4,19+1 | 1,72+1 | 1,85+0 | — |
| 61 | 1,17+0 | — | 1,27+1 | 5,57+1 | 8,27+1 | 7,46+1 | 6,35+1 | 5,31+1 | 4,46+1 | 1,77+1 | 2,07+0 | — |
| 63 | 2,13+0 | — | 1,36+1 | 4,46+1 | 6,86+1 | 6,49+1 | 6,06+1 | 4,91+1 | 3,74+1 | 1,42+1 | 2,27+0 | — |
| 65 | 3,88+0 | — | 1,38+1 | 2,83+1 | 4,56+1 | 4,67+1 | 4,72+1 | 4,07+1 | 2,59+1 | 9,15+0 | 2,41+0 | 1,12+0 |
| 67 | 7,07+0 | 1,41+0 | 1,08+1 | 2,13+1 | 3,49+1 | 3,83+1 | 3,57+1 | 3,89+1 | 2,14+1 | 7,18+0 | 2,21+0 | 2,19+0 |
| 69 | 1,29+1 | 2,85+0 | 8,33+0 | 1,64+1 | 2,84+1 | 3,55+1 | 3,07+1 | 4,21+1 | 2,00+1 | 6,11+0 | 2,45+0 | 4,28+0 |
| 71 | 2,35+1 | 5,78+0 | 7,53+0 | 1,31+1 | 2,71+1 | 4,39+1 | 4,31+1 | 5,85+1 | 2,38+1 | 6,09+0 | 3,68+0 | 8,37+0 |
| 73 | 4,28+1 | 1,17+1 | 7,88+0 | 1,14+1 | 3,15+1 | 6,87+1 | 8,81+1 | 9,73+1 | 3,53+1 | 7,73+0 | 6,61+0 | 1,64+1 |
| 75 | 7,80+1 | 2,37+1 | 1,05+1 | 1,22+1 | 4,74+1 | 1,36+2 | 2,73+2 | 1,94+2 | 6,35+1 | 1,25+1 | 1,31+1 | 3,20+1 |
| 80 | 3,49+2 | 1,38+2 | 5,44+1 | 4,63+1 | 1,62+2 | 3,95+2 | 6,42+2 | 5,25+2 | 2,32+2 | 7,03+1 | 8,13+1 | 1,71+2 |
| 85 | 1,57+3 | 9,96+2 | 6,22+2 | 5,64+2 | 1,15+3 | 1,88+3 | 2,20+3 | 2,23+3 | 1,43+3 | 7,44+2 | 8,00+2 | 1,13+3 |
| 90 | 7,05+3 | 7,19+3 | 7,34+3 | 7,37+3 | 8,78+3 | 9,84+3 | 9,44+3 | 1,03+4 | 9,37+3 | 7,99+3 | 7,89+3 | 7,45+3 |
| 95 | 2,48+4 | 3,42+4 | 4,78+4 | 5,13+4 | 4,79+4 | 4,49+4 | 3,64+4 | 4,49+4 | 4,79+4 | 5,13+4 | 4,78+4 | 3,42+4 |
| 105 | 3,50+4 | 5,14+4 | 7,69+4 | 8,37+4 | 8,57+4 | 8,77+4 | 9,44+4 | 8,77+4 | 8,57+4 | 8,37+4 | 7,69+4 | 5,14+4 |

Т а б л и ц а 300 — Ноябрь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90 0° | 95,0° | 120,0° |
| | н . ч | | | | | | | | | | | |
| | 0.0 | 4.4 | 6.8 | 7.3 | 7.8 | 8.3 | 12.0 | 15.6 | 16.2 | 15.7 | 17.2 | 19.6 |
| 45 | — | — | — | 2 15+0 | 2,97+0 | 2,48+0 | 1,71+0 | 1,76+0 | 1,59+0 | — | — | — |
| 50 | — | — | — | 6,16+0 | 8,37+0 | 6,89+0 | 4,49+0 | 4,90+0 | 4,48+0 | 1,95+0 | — | — |
| 53 | — | — | 1,44+0 | 1,42+1 | 1,94+1 | 1,61+1 | 1,07+1 | 1,13+1 | 1,04+1 | 4,50+0 | — | — |
| 55 | — | — | 2,09+0 | 2,95+1 | 4,09+1 | 3,42+1 | 2,36+1 | 2,36+1 | 2,19+1 | 9,34+0 | — | — |
| 57 | — | — | 5,23+0 | 4 19+1 | 5,89+1 | 5,02+1 | 3,65+1 | 3,48+1 | 3,16+1 | 1,32+1 | — | — |
| 59 | — | — | 8,71+0 | 5,14+1 | 7,41+1 | 6,48+1 | 5,05+1 | 4,55+1 | 3,98+1 | 1,63+1 | 1,41+0 | — |
| 61 | 1,17+0 | — | 1,14+1 | 6 02+1 | 8,94+1 | 8,07+1 | 6,86+1 | 5,78+1 | 4,82+1 | 1,91+1 | 1,87+0 | — |
| 63 | 2,13+0 | — | 1,36+1 | 5,36+1 | 8,25+1 | 7,80+1 | 7,28+1 | 5,88+1 | 4,50+1 | 1,70+1 | 2,28+0 | — |
| 65 | 3,88+0 | — | 1,56+1 | 2,68+1 | 5,93+1 | 6,04+1 | 6,14+1 | 5,14+1 | 3,34+1 | 1,19+1 | 2,74+0 | 1,20+0 |
| 67 | 7,07+0 | 1,51+0 | 1,32+1 | 2,77+1 | 4,60+1 | 5,06+1 | 5,01+1 | 5,00+1 | 2,78+1 | 9,28+0 | 2,67+0 | 2,34+0 |
| 69 | 1,29+1 | 3,05+0 | 1,05+1 | 2,13+1 | 3 72+1 | 4,64+1 | 4,30+1 | 5,37+1 | 2,57+1 | 7,81+0 | 2,95+0 | 4,58+0 |
| 71 | 2,35+1 | 6,19+0 | 9,42+0 | 1 69+1 | 3,49+1 | 5,55+1 | 5,77+1 | 7,27+1 | 2,97+1 | 7,62+0 | 4,34+0 | 8,97+0 |
| 73 | 4,28+1 | 1,25+1 | 9,67+0 | 1,45+1 | 4,04+1 | 8,85+1 | 1,27+2 | 1,24+2 | 4,39+1 | 9,42+0 | 7,70+0 | 1,75+1 |
| 75 | 7,80+1 | 2,54+1 | 1,26+1 | 1,51+1 | 6,07+1 | 1,80+2 | 4,35+2 | 2,57+2 | 7,97+1 | 1,50+1 | 1,51+1 | 3,43+1 |
| 80 | 3,49+2 | 1,48+2 | 6,28+1 | 5,46+1 | 2,00+2 | 5,10+2 | 9,66+2 | 6,78+2 | 2,85+2 | 8,24+1 | 9,37+1 | 1,83+2 |
| 85 | 1,57+3 | 1,07+3 | 7,16+2 | 6,59+2 | 1,40+3 | 2,41+3 | 3,25+3 | 2,85+3 | 1,76+3 | 8,70+2 | 9,21+2 | 1,21+3 |
| 90 | 7 05+3 | 7,70+3 | 8,45+3 | 8,62+3 | 1,07+4 | 1,24+4 | 1,33+4 | 1,30+4 | 1,14+4 | 9,34+3 | 9,08+3 | 7,98+3 |
| 95 | 2,48+4 | 3,66+4 | 5,50+4 | 5,99+4 | 5,65+4 | 5,33+4 | 4,43+4 | 5,33+4 | 5,65+4 | 5,99+4 | 5,50+4 | 3,66+4 |
| 105 | 3,50+4 | 5,51+4 | 8,85+4 | 9,79+4 | 9,91+4 | 1,00+5 | 1,04+5 | 1,00+5 | 9,91+4 | 9,79+4 | 8,85+4 | 5,51+4 |

Т а б л и ц а 301 — Ноябрь, $\bar{W}=10$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h, ч | | | | | | | | | | | |
| | 0.0 | 4.4 | 6.8 | 7.3 | 7.8 | 8.3 | 12.0 | 15.6 | 16.2 | 16.7 | 17.2 | 19.6 |
| 45 | — | — | — | 1,30+0 | 1,80+0 | 1,49+0 | 1,02+0 | — | — | — | — | — |
| 50 | — | — | — | 9,40+0 | 1,27+1 | 1,03+1 | 6,68+0 | 6,77+0 | 6,62+0 | 2,74+0 | — | — |
| 53 | — | — | 1,51+0 | 2,19+1 | 2,99+1 | 2,44+1 | 1,61+1 | 1,60+1 | 1,55+1 | 6,39+0 | — | — |
| 55 | — | — | 2,86+0 | 3,21+1 | 4,43+1 | 3,65+1 | 2,50+1 | 2,39+1 | 2,30+1 | 9,36+0 | — | — |
| 57 | — | — | 4,57+0 | 3,54+1 | 4,97+1 | 4,18+1 | 3,01+1 | 2,75+1 | 2,58+1 | 1,03+1 | — | — |
| 59 | — | — | 5,90+0 | 3,74+1 | 5,37+1 | 4,62+1 | 3,58+1 | 3,06+1 | 2,79+1 | 1,09+1 | — | — |
| 61 | — | — | 6,53+0 | 3,92+1 | 5,79+1 | 5,14+1 | 4,35+1 | 3,44+1 | 3,02+1 | 1,14+1 | — | — |
| 63 | — | — | 6,98+0 | 3,45+1 | 5,28+1 | 4,87+1 | 4,57+1 | 3,32+1 | 2,76+1 | 1,01+1 | 1,03+0 | — |
| 65 | — | — | 7,45+0 | 2,50+1 | 3,99+1 | 3,88+1 | 4,08+1 | 2,79+1 | 2,12+1 | 7,35+0 | 1,12+0 | — |
| 67 | — | — | 6,50+0 | 1,88+1 | 3,08+1 | 3,12+1 | 3,43+1 | 2,45+1 | 1,67+1 | 5,60+0 | 1,04+0 | — |
| 69 | — | — | 5,19+0 | 1,43+1 | 2,42+1 | 2,63+1 | 2,94+1 | 2,33+1 | 1,39+1 | 4,41+0 | — | — |
| 71 | — | — | 4,41+0 | 1,10+1 | 2,08+1 | 2,67+1 | 3,55+1 | 2,75+1 | 1,34+1 | 3,73+0 | 1,15+0 | — |
| 73 | 1,51+0 | 1,01+0 | 3,96+0 | 8,69+0 | 2,11+1 | 3,68+1 | 7,55+1 | 4,33+1 | 1,64+1 | 3,65+0 | 1,71+0 | 1,41+0 |
| 75 | 2,75+0 | 2,04+0 | 4,09+0 | 7,51+0 | 2,60+1 | 6,68+1 | 2,55+2 | 8,60+1 | 2,56+1 | 4,55+0 | 3,06+0 | 2,75+0 |
| 80 | 1,23+1 | 1,19+1 | 1,28+1 | 1,45+1 | 6,00+1 | 1,77+2 | 6,40+2 | 2,31+2 | 8,09+1 | 1,94+1 | 1,79+1 | 1,47+1 |
| 85 | 5,52+1 | 8,67+1 | 1,40+2 | 1,55+2 | 4,01+2 | 8,35+2 | 2,15+3 | 9,89+2 | 5,00+2 | 2,04+2 | 1,79+2 | 9,81+1 |
| 90 | 2,83+2 | 6,80+2 | 1,70+3 | 2,07+3 | 3,13+3 | 4,45+3 | 9,14+3 | 4,68+3 | 3,34+3 | 2,24+3 | 1,83+3 | 7,05+2 |
| 95 | 1,87+3 | 4,61+3 | 1,19+4 | 1,45+4 | 1,73+4 | 2,06+4 | 3,57+4 | 2,06+4 | 1,73+4 | 1,45+4 | 1,19+4 | 4,61+3 |
| 105 | 2,78+3 | 7,16+3 | 1,92+4 | 2,37+4 | 3,09+4 | 4,03+4 | 9,28+4 | 4,03+4 | 3,09+4 | 2,37+4 | 1,92+4 | 7,16+3 |

Т а б л и ц а 302 — Ноябрь, $\bar{W}=100$, $\varphi=45^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 153,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 63,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,4 | 6,8 | 7,3 | 7,8 | 8,3 | 12,0 | 15,6 | 16,2 | 10,7 | 17,2 | 19,6 |
| 45 | — | — | — | 1,35+0 | 1,86+0 | 1,54+0 | 1,05+0 | 1,03+0 | — | — | — | — |
| 50 | — | — | — | 3,95+0 | 5,35+0 | 4,35+0 | 2,81+0 | 2,91+0 | 2,79+0 | 1,15+0 | — | — |
| 53 | — | — | — | 9,90+0 | 1,35+1 | 1,10+1 | 7,27+0 | 7,33+0 | 7,02+0 | 2,89+0 | — | — |
| 55 | — | — | 1,06+0 | 2,12+1 | 2,92+1 | 2,42+1 | 1,65+1 | 1,59+1 | 1,52+1 | 6,19+0 | — | — |
| 57 | — | — | 2,77+0 | 2,93+1 | 4,11+1 | 3,46+1 | 2,49+1 | 2,29+1 | 2,14+1 | 8,54+0 | — | — |
| 59 | — | — | 4,57+0 | 3,56+1 | 5,11+1 | 4,40+1 | 3,41+1 | 2,93+1 | 2,66+1 | 1,04+1 | — | — |
| 61 | — | — | 5,91+0 | 4,22+1 | 6,23+1 | 5,54+1 | 4,69+1 | 3,71+1 | 3,25+1 | 1,23+1 | — | — |
| 63 | — | — | 6,96+0 | 4,11+1 | 6,30+1 | 5,81+1 | 5,46+1 | 3,96+1 | 3,30+1 | 1,20+1 | 1,03+0 | — |
| 65 | — | — | 8,39+0 | 3,23+1 | 5,15+1 | 4,99+1 | 5,27+1 | 3,56+1 | 2,72+1 | 9,48+0 | 1,26+0 | — |
| 67 | — | — | 7,89+0 | 2,42+1 | 4,02+1 | 4,11+1 | 4,70+1 | 3,17+1 | 2,18+1 | 7,21+0 | 1,25+0 | — |
| 69 | — | — | 6,53+0 | 1,84+1 | 3,15+1 | 3,43+1 | 3,99+1 | 2,97+1 | 1,79+1 | 5,66+0 | 1,20+0 | — |
| 71 | — | — | 5,52+0 | 1,41+1 | 2,69+1 | 3,43+1 | 4,74+1 | 3,44+1 | 1,70+1 | 4,73+0 | 1,38+0 | — |
| 73 | 1,51+0 | 1,07+0 | 4,92+0 | 1,11+1 | 2,74+1 | 4,79+1 | 1,08+2 | 5,53+1 | 2,07+1 | 4,54+0 | 2,01+0 | 1,50+0 |
| 75 | 2,75+0 | 2,18+0 | 4,99+0 | 9,51+0 | 3,39+1 | 8,93+1 | 4,05+2 | 1,13+2 | 3,23+1 | 5,50+0 | 3,53+0 | 2,94+0 |
| 80 | 1,23+1 | 1,27+1 | 1,48+1 | 1,71+1 | 7,37+1 | 2,25+2 | 9,37+2 | 2,94+2 | 9,85+1 | 2,25+1 | 2,04+1 | 1,57+1 |
| 85 | 5,52+1 | 9,25+1 | 1,59+2 | 1,80+2 | 4,84+2 | 1,05+3 | 3,08+3 | 1,24+3 | 6,04+2 | 2,36+2 | 2,04+2 | 1,05+2 |
| 90 | 2,83+2 | 7,26+2 | 1,94+3 | 2,39+3 | 3,75+3 | 5,51+3 | 1,26+4 | 5,79+3 | 3,99+3 | 2,59+3 | 2,09+3 | 7,52+2 |
| 95 | 1,87+3 | 4,92+3 | 1,35+4 | 1,68+4 | 2,01+4 | 2,41+4 | 4,25+4 | 2,41+4 | 2,01+4 | 1,68+4 | 1,35+4 | 4,92+3 |
| 105 | 2,78+3 | 7,63+3 | 2,19+4 | 2,74+4 | 3,53+4 | 4,55+4 | 1,01+5 | 4,55+4 | 3,53+4 | 2,74+4 | 2,19+4 | 7,63+3 |

Т а б л и ц а 303 — Ноябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | — | 1,32+0 | 1,08+0 | — | — | — | — | — | — |
| 50 | — | — | — | 6,98+0 | 9,20+0 | 7,37+0 | 5,18+0 | 5,32+0 | 5,23+0 | 2,13+0 | — | — |
| 53 | — | — | 1,09+0 | 1,73+1 | 2,30+1 | 1,86+1 | 1,33+1 | 1,34+1 | 1,31+1 | 5,28+0 | — | — |
| 55 | — | — | 2,12+0 | 2,70+1 | 3,63+1 | 2,98+1 | 2,19+1 | 2,14+1 | 2,06+1 | 8,23+0 | — | — |
| 57 | — | — | 3,61+0 | 2,96+1 | 4,08+1 | 3,42+1 | 2,64+1 | 2,47+1 | 2,32+1 | 9,04+0 | — | — |
| 59 | — | — | 4,75+0 | 3,13+1 | 4,43+1 | 3,82+1 | 3,13+1 | 2,77+1 | 2,52+1 | 9,55+0 | — | — |
| 61 | — | — | 5,29+0 | 3,37+1 | 4,95+1 | 4,42+1 | 3,92+1 | 3,24+1 | 2,82+1 | 1,03+1 | — | — |
| 63 | — | — | 5,69+0 | 3,19+1 | 4,89+1 | 4,57+1 | 4,43+1 | 3,40+1 | 2,80+1 | 9,77+0 | — | — |
| 65 | — | — | 6,37+0 | 2,61+1 | 4,21+1 | 4,16+1 | 4,45+1 | 3,20+1 | 2,43+1 | 8,03+0 | — | — |
| 67 | — | — | 6,11+0 | 1,96+1 | 3,36+1 | 3,58+1 | 4,25+1 | 2,93+1 | 1,98+1 | 6,12+0 | 1,01+0 | — |
| 69 | — | — | 5,19+0 | 1,49+1 | 2,66+1 | 3,01+1 | 3,66+1 | 2,73+1 | 1,65+1 | 4,82+0 | 1,01+0 | — |
| 71 | — | — | 4,43+0 | 1,15+1 | 2,26+1 | 2,95+1 | 3,94+1 | 3,02+1 | 1,54+1 | 4,06+0 | 1,19+0 | — |
| 73 | 1,10+0 | — | 4,00+0 | 9,10+0 | 2,33+1 | 4,32+1 | 8,51+1 | 4,96+1 | 1,93+1 | 3,97+0 | 1,77+0 | 1,21+0 |
| 75 | 2,01+0 | 1,78+0 | 4,16+0 | 7,89+0 | 3,12+1 | 8,67+1 | 2,98+2 | 1,07+2 | 3,12+1 | 4,92+0 | 3,16+0 | 2,36+0 |
| 80 | 9,02+0 | 1,02+1 | 1,32+1 | 1,55+1 | 7,23+1 | 2,32+2 | 7,66+2 | 2,92+2 | 9,75+1 | 2,08+1 | 1,85+1 | 1,25+1 |
| 85 | 4,04+1 | 7,22+1 | 1,43+2 | 1,66+2 | 4,74+2 | 1,05+3 | 2,55+3 | 1,21+3 | 5,84+2 | 2,18+2 | 1,83+2 | 8,10+1 |
| 90 | 2,22+2 | 5,72+2 | 1,74+3 | 2,20+3 | 3,60+3 | 5,47+3 | 1,08+4 | 5,71+3 | 3,82+3 | 2,38+3 | 1,97+3 | 5,91+2 |
| 95 | 1,68+3 | 4,20+3 | 1,23+4 | 1,54+4 | 1,96+4 | 2,49+4 | 4,25+4 | 2,49+4 | 1,96+4 | 1,54+4 | 1,23+4 | 4,20+3 |
| 105 | 2,52+3 | 6,53+3 | 1,98+4 | 2,51+4 | 3,57+4 | 5,07+4 | 1,11+5 | 5,07+4 | 5,57+4 | 2,51+4 | 1,98+4 | 6,53+3 |

Таблица 304 — Ноябрь, $\bar{W}=100$, $\varphi=50^\circ$ с ш, $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | н и ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | — | 1,33+0 | 1,09+0 | — | — | — | — | — | — |
| 50 | — | — | — | 2,98+0 | 3,93+0 | 3,16+0 | 2,21+0 | 2,32+0 | 2,23+0 | — | — | — |
| 53 | — | — | — | 8,44+0 | 1,12+1 | 9,07+0 | 6,47+0 | 6,60+0 | 6,38+0 | 2,58+0 | — | — |
| 55 | — | — | — | 1,89+1 | 2,54+1 | 2,08+1 | 1,54+1 | 1,51+1 | 1,45+1 | 5,76+0 | — | — |
| 57 | — | — | 2,34+0 | 2,51+1 | 3,45+1 | 2,89+1 | 2,23+1 | 2,10+1 | 1,96+1 | 7,66+0 | — | — |
| 59 | — | — | 3,80+0 | 2,99+1 | 4,24+1 | 3,66+1 | 3,00+1 | 2,67+1 | 2,41+1 | 9,14+0 | — | — |
| 61 | — | — | 4,85+0 | 3,60+1 | 5,29+1 | 4,73+1 | 4,18+1 | 3,47+1 | 3,02+1 | 1,10+1 | — | — |
| 63 | — | — | 5,67+0 | 3,75+1 | 5,74+1 | 5,37+1 | 5,20+1 | 3,99+1 | 3,29+1 | 1,15+1 | — | — |
| 65 | — | — | 7,09+0 | 3,31+1 | 5,33+1 | 5,26+1 | 5,64+1 | 4,02+1 | 3,07+1 | 1,02+1 | 1,11+0 | — |
| 67 | — | — | 7,30+0 | 2,48+1 | 4,30+1 | 4,62+1 | 5,66+1 | 3,75+1 | 2,53+1 | 7,73+0 | 1,20+0 | — |
| 69 | — | — | 6,41+0 | 1,89+1 | 3,40+1 | 3,90+1 | 4,92+1 | 3,47+1 | 2,09+1 | 6,07+0 | 1,22+0 | — |
| 71 | — | — | 5,45+0 | 1,45+1 | 2,88+1 | 3,78+1 | 5,25+1 | 3,79+1 | 1,94+1 | 5,07+0 | 1,41+0 | — |
| 73 | 1,10+0 | — | 4,89+0 | 1,14+1 | 3,07+1 | 5,67+1 | 1,22+2 | 6,41+1 | 2,43+1 | 4,87+0 | 2,05+0 | 2,99+0 |
| 75 | 2,01+0 | 1,89+0 | 5,00+0 | 9,82+0 | 4,07+1 | 1,18+2 | 4,73+2 | 1,45+2 | 3,97+1 | 5,89+0 | 3,63+0 | 2,51+0 |
| 80 | 9,02+0 | 1,09+1 | 1,51+1 | 1,82+1 | 9,01+1 | 2,99+2 | 1,11+3 | 3,76+2 | 1,19+2 | 2,41+1 | 2,10+1 | 1,33+1 |
| 85 | 4,04+1 | 7,65+1 | 1,62+2 | 1,91+2 | 5,74+2 | 1,34+2 | 3,62+3 | 1,54+3 | 7,07+2 | 2,51+2 | 2,08+2 | 8,59+1 |
| 90 | 2,22+2 | 6,06+2 | 1,97+3 | 2,53+3 | 4,31+3 | 6,83+3 | 1,48+4 | 7,12+3 | 4,58+3 | 2,74+3 | 2,12+3 | 6,27+2 |
| 95 | 1,68+3 | 4,46+3 | 1,39+4 | 1,77+4 | 2,27+4 | 2,90+4 | 5,00+4 | 2,90+4 | 2,27+4 | 1,77+4 | 1,39+4 | 4,46+3 |
| 105 | 2,52+3 | 6,92+3 | 2,25+4 | 2,89+4 | 4,05+4 | 5,66+4 | 1,19+5 | 5,66+4 | 4,05+4 | 2,89+4 | 2,25+4 | 6,92+3 |

Таблица 305 — Ноябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 1,16+0 | 1,56+0 | 1,29+0 | — | — | — | — | — | — |
| 50 | — | — | — | 8,33+0 | 1,10+1 | 8,87+0 | 6,28+0 | 6,44+0 | 6,34+0 | 2,62+0 | — | — |
| 53 | — | — | 1,30+0 | 1,97+1 | 2,62+1 | 2,13+1 | 1,53+1 | 1,54+1 | 1,51+1 | 6,18+0 | — | — |
| 55 | — | — | 2,46+0 | 2,93+1 | 3,95+1 | 3,26+1 | 2,42+1 | 2,36+1 | 2,28+1 | 9,19+0 | — | — |
| 57 | — | — | 4,00+0 | 3,22+1 | 4,45+1 | 3,75+1 | 2,91+1 | 2,72+1 | 2,56+1 | 1,01+1 | — | — |
| 59 | — | — | 5,19+0 | 3,40+1 | 4,83+1 | 4,19+1 | 3,46+1 | 3,06+1 | 2,79+1 | 1,07+1 | — | — |
| 61 | — | — | 5,76+0 | 3,60+1 | 5,29+1 | 4,75+1 | 4,24+1 | 3,50+1 | 3,06+1 | 1,13+1 | — | — |
| 63 | — | — | 6,18+0 | 3,23+1 | 4,95+1 | 4,66+1 | 4,54+1 | 3,49+1 | 2,87+1 | 1,02+1 | — | — |
| 65 | — | — | 6,70+0 | 2,41+1 | 3,90+1 | 3,88+1 | 4,18+1 | 3,03+1 | 2,28+1 | 7,64+0 | 1,07+0 | — |
| 67 | — | — | 6,01+0 | 1,81+1 | 3,04+1 | 3,20+1 | 3,62+1 | 2,66+1 | 1,82+1 | 5,82+0 | 1,02+0 | — |
| 69 | — | — | 4,89+0 | 1,38+1 | 2,40+1 | 2,69+1 | 3,10+1 | 2,48+1 | 1,51+1 | 4,58+0 | — | — |
| 71 | — | — | 4,17+0 | 1,06+1 | 2,09+1 | 2,75+1 | 3,61+1 | 2,86+1 | 1,45+1 | 3,84+0 | 1,13+0 | — |
| 73 | 1,21+0 | — | 3,77+0 | 8,41+0 | 2,20+1 | 4,04+1 | 7,74+1 | 4,69+1 | 1,81+1 | 3,73+0 | 1,67+0 | 1,24+0 |
| 75 | 2,21+0 | 1,82+0 | 3,91+0 | 7,28+0 | 2,83+1 | 8,05+1 | 2,65+2 | 1,01+2 | 2,91+1 | 4,58+0 | 2,97+0 | 2,41+0 |
| 80 | 9,90+0 | 1,04+1 | 1,23+1 | 1,42+1 | 6,76+1 | 2,13+2 | 6,73+2 | 2,69+2 | 9,01+1 | 1,91+1 | 1,72+1 | 1,27+1 |
| 85 | 4,44+1 | 7,37+1 | 1,34+2 | 1,53+2 | 4,37+2 | 9,63+2 | 2,25+3 | 1,11+3 | 5,29+2 | 2,01+2 | 1,72+2 | 8,28+1 |
| 90 | 2,35+2 | 5,75+2 | 1,64+3 | 2,04+3 | 3,32+3 | 4,99+3 | 9,57+3 | 5,21+3 | 2,52+3 | 2,21+3 | 1,76+3 | 5,94+2 |
| 95 | 1,71+3 | 4,12+3 | 1,15+4 | 1,43+4 | 1,80+4 | 2,26+4 | 3,74+4 | 2,26+4 | 1,80+4 | 1,43+4 | 1,15+4 | 4,12+3 |
| 105 | 2,56+3 | 6,40+3 | 1,87+4 | 2,34+4 | 3,29+4 | 4,60+4 | 9,74+4 | 4,60+4 | 3,29+4 | 2,34+4 | 1,87+4 | 6,40+3 |

Таблица 306 — Ноябрь, $\bar{W}=100$, $\varphi=50^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 1,19+0 | 1,61+0 | 1,33+0 | — | — | — | — | — | — |
| 50 | — | — | — | 3,51+0 | 4,64+0 | 3,75+0 | 2,65+0 | 2,77+0 | 2,68+0 | 1,10+0 | — | — |
| 53 | — | — | — | 9,05+0 | 1,21+1 | 9,81+0 | 7,05+0 | 7,19+0 | 6,95+0 | 2,84+0 | — | — |
| 55 | — | — | — | 1,96+1 | 2,65+1 | 2,18+1 | 1,62+1 | 1,59+1 | 1,53+1 | 6,16+0 | — | — |
| 57 | — | — | 2,46+0 | 2,68+1 | 3,70+1 | 3,12+1 | 2,42+1 | 2,28+1 | 2,13+1 | 8,43+0 | — | — |
| 59 | — | — | 4,06+0 | 3,24+1 | 4,61+1 | 3,99+1 | 3,30+1 | 2,93+1 | 2,66+1 | 1,02+1 | — | — |
| 61 | — | — | 5,24+0 | 3,86+1 | 5,69+1 | 5,11+1 | 4,56+1 | 3,77+1 | 3,29+1 | 1,22+1 | — | — |
| 63 | — | — | 6,16+0 | 3,84+1 | 5,89+1 | 5,54+1 | 5,40+1 | 4,14+1 | 3,41+1 | 1,21+1 | — | — |
| 65 | — | — | 7,52+0 | 3,10+1 | 5,01+1 | 4,99+1 | 5,38+1 | 3,85+1 | 2,93+1 | 9,82+0 | 1,20+0 | — |
| 67 | — | — | 7,27+0 | 2,33+1 | 3,96+1 | 4,20+1 | 4,93+1 | 3,46+1 | 2,36+1 | 7,46+0 | 1,22+0 | — |
| 69 | — | — | 6,12+0 | 1,77+1 | 3,12+1 | 3,52+1 | 4,20+1 | 3,18+1 | 1,95+1 | 5,85+0 | 1,18+0 | — |
| 71 | — | — | 5,21+0 | 1,36+1 | 2,69+1 | 3,54+1 | 4,82+1 | 3,61+1 | 1,84+1 | 4,86+0 | 1,35+0 | — |
| 73 | 1,21+0 | — | 4,66+0 | 1,07+1 | 2,87+1 | 5,32+1 | 1,11+2 | 6,07+1 | 2,29+1 | 4,63+0 | 1,95+0 | 1,31+0 |
| 75 | 2,21+0 | 1,93+0 | 4,75+0 | 9,19+0 | 3,79+1 | 1,10+2 | 4,21+2 | 1,36+2 | 3,72+1 | 5,53+0 | 3,42+0 | 2,56+0 |
| 80 | 9,90+0 | 1,11+1 | 1,42+1 | 1,68+1 | 8,35+1 | 2,76+2 | 9,82+2 | 3,48+2 | 1,10+2 | 2,22+1 | 1,96+1 | 1,35+1 |
| 85 | 4,44+1 | 7,83+1 | 1,53+2 | 1,77+2 | 5,32+2 | 1,23+3 | 3,22+3 | 1,42+3 | 6,55+2 | 2,32+2 | 1,96+2 | 8,79+1 |
| 90 | 2,35+2 | 6,10+2 | 1,86+3 | 2,36+3 | 3,99+3 | 6,25+3 | 1,31+4 | 6,52+3 | 4,24+3 | 2,55+3 | 2,00+3 | 6,31+2 |
| 95 | 1,71+3 | 4,37+3 | 1,31+4 | 1,66+4 | 2,09+4 | 2,64+4 | 4,43+4 | 2,64+4 | 2,09+4 | 1,66+4 | 1,31+4 | 4,37+3 |
| 105 | 2,56+3 | 6,79+3 | 2,13+4 | 2,70+4 | 3,74+4 | 5,15+4 | 1,05+5 | 5,15+4 | 3,74+4 | 2,70+4 | 2,13+4 | 6,79+3 |

Таблица 307 — Ноябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 1,94+0 | 2,63+0 | 2,20+0 | 1,65+0 | 1,70+0 | 1,56+0 | — | — | — |
| 50 | — | — | 1,10+0 | 1,41+1 | 1,87+1 | 1,52+1 | 1,09+1 | 1,14+1 | 1,11+1 | 4,86+0 | — | — |
| 53 | — | — | 3,02+0 | 3,15+1 | 4,22+1 | 3,47+1 | 2,53+1 | 2,58+1 | 2,50+1 | 1,09+1 | — | — |
| 55 | — | — | 5,59+0 | 4,43+1 | 6,02+1 | 5,02+1 | 3,77+1 | 3,74+1 | 3,57+1 | 1,53+1 | — | — |
| 57 | — | — | 8,59+0 | 4,90+1 | 6,79+1 | 5,79+1 | 4,56+1 | 4,36+1 | 4,04+1 | 1,69+1 | 1,49+0 | — |
| 59 | — | — | 1,10+1 | 5,17+1 | 7,38+1 | 6,49+1 | 5,41+1 | 4,95+1 | 4,40+1 | 1,79+1 | 1,92+0 | — |
| 61 | 1,23+0 | — | 1,22+1 | 5,31+1 | 7,86+1 | 7,19+1 | 6,45+1 | 5,60+1 | 4,70+1 | 1,84+1 | 2,14+0 | — |
| 63 | 2,25+0 | — | 1,31+1 | 4,24+1 | 6,55+1 | 6,32+1 | 6,14+1 | 5,19+1 | 3,96+1 | 1,47+1 | 2,36+0 | — |
| 65 | 4,10+0 | — | 1,33+1 | 2,68+1 | 4,38+1 | 4,60+1 | 4,77+1 | 4,24+1 | 2,75+1 | 9,48+0 | 2,51+0 | 1,26+0 |
| 67 | 7,46+0 | 1,63+0 | 1,04+1 | 2,02+1 | 3,36+1 | 3,75+1 | 3,60+1 | 3,92+1 | 2,26+1 | 7,44+0 | 2,31+0 | 2,46+0 |
| 69 | 1,36+1 | 3,27+0 | 8,09+0 | 1,56+1 | 2,75+1 | 3,47+1 | 3,09+1 | 4,11+1 | 2,11+1 | 6,33+0 | 2,55+0 | 4,79+0 |
| 71 | 2,48+1 | 6,59+0 | 7,40+0 | 1,25+1 | 2,70+1 | 4,40+1 | 4,36+1 | 5,73+1 | 2,52+1 | 6,29+0 | 3,84+0 | 9,32+0 |
| 73 | 4,51+1 | 1,33+1 | 7,86+0 | 1,10+1 | 3,28+1 | 7,19+1 | 8,89+1 | 9,80+1 | 3,80+1 | 7,98+0 | 6,90+0 | 1,82+1 |
| 75 | 8,23+1 | 2,67+1 | 1,07+1 | 1,19+1 | 5,20+1 | 1,52+2 | 2,75+2 | 2,08+2 | 7,03+1 | 1,29+1 | 1,36+1 | 3,53+1 |
| 80 | 3,69+2 | 1,53+2 | 5,65+1 | 4,74+1 | 1,78+2 | 4,30+2 | 6,46+2 | 5,50+2 | 2,50+2 | 7,24+1 | 8,46+1 | 1,87+2 |
| 85 | 1,65+3 | 1,07+3 | 6,44+2 | 5,80+2 | 1,22+3 | 1,96+3 | 2,22+3 | 2,27+3 | 1,50+3 | 7,66+2 | 8,28+2 | 1,20+3 |
| 90 | 7,43+3 | 7,49+3 | 7,56+3 | 7,58+3 | 9,02+3 | 9,96+3 | 9,51+3 | 1,04+4 | 9,59+3 | 8,21+3 | 8,13+3 | 7,75+3 |
| 95 | 2,62+4 | 3,49+4 | 4,91+4 | 5,27+4 | 4,83+4 | 4,44+4 | 3,67+4 | 4,44+4 | 4,83+4 | 5,27+4 | 4,91+4 | 3,49+4 |
| 105 | 3,69+4 | 5,23+4 | 7,89+4 | 8,60+4 | 8,81+4 | 9,02+4 | 9,51+4 | 9,02+4 | 8,81+4 | 8,60+4 | 7,89+4 | 5,23+4 |

Таблица 308 — Ноябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=250^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148.5° | 120.0° | 95.0° | 90.0° | 85.0° | 80.0° | 68.5° | 80.0° | 85.0° | 90.0° | 95.0° | 120.0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 2,05+0 | 2,78+0 | 2,33+0 | 1,74+0 | 1,81+0 | 1,65+0 | — | — | — |
| 50 | — | — | — | 5,88+0 | 7,81+0 | 6,40+0 | 4,56+0 | 4,99+0 | 4,65+0 | 2,03+0 | — | — |
| 53 | — | — | 1,38+0 | 1,35+1 | 1,81+1 | 1,50+1 | 1,09+1 | 1,15+1 | 1,08+1 | 4,69+0 | — | — |
| 56 | — | — | 2,00+0 | 2,81+1 | 3,82+1 | 3,19+1 | 2,40+1 | 2,43+1 | 2,27+1 | 9,73+0 | — | — |
| 57 | — | — | 5,00+0 | 3,99+1 | 5,53+1 | 4,73+1 | 3,71+1 | 3,61+1 | 3,30+1 | 1,38+1 | — | — |
| 59 | — | — | 8,34+0 | 4,90+1 | 7,00+1 | 6,16+1 | 5,13+1 | 4,75+1 | 4,18+1 | 1,70+1 | 1,46+0 | — |
| 61 | 1,23+0 | — | 1,09+1 | 5,74+1 | 8,50+1 | 7,78+1 | 6,97+1 | 6,09+1 | 5,09+1 | 1,99+1 | 1,94+0 | — |
| 63 | 2,25+0 | — | 1,31+1 | 5,09+1 | 7,87+1 | 7,60+1 | 7,38+1 | 6,22+1 | 4,76+1 | 1,77+1 | 2,37+0 | — |
| 65 | 4,10+0 | — | 1,50+1 | 3,49+1 | 5,69+1 | 5,95+1 | 6,21+1 | 5,30+1 | 3,55+1 | 1,23+1 | 2,85+0 | 1,35+0 |
| 67 | 7,46+0 | 1,74+0 | 1,28+1 | 2,63+1 | 4,43+1 | 4,99+1 | 5,06+1 | 5,11+1 | 2,95+1 | 9,62+0 | 2,78+0 | 2,63+0 |
| 69 | 1,36+1 | 3,49+0 | 1,02+1 | 2,02+1 | 3,61+1 | 4,57+1 | 4,34+1 | 5,32+1 | 2,71+1 | 8,09+0 | 3,08+0 | 5,11+0 |
| 71 | 2,48+1 | 7,03+0 | 9,23+0 | 1,61+1 | 3,48+1 | 5,60+1 | 5,94+1 | 7,19+1 | 3,16+1 | 7,88+0 | 4,53+0 | 9,95+0 |
| 73 | 4,51+1 | 1,41+1 | 9,63+0 | 1,40+1 | 4,23+1 | 9,40+1 | 1,28+2 | 1,27+2 | 4,77+1 | 9,73+0 | 8,02+0 | 1,94+1 |
| 75 | 8,23+1 | 2,85+1 | 1,28+1 | 1,48+1 | 6,73+1 | 2,06+2 | 4,38+2 | 2,82+2 | 8,94+1 | 1,54+1 | 1,57+1 | 3,77+1 |
| 80 | 3,63+2 | 1,63+2 | 6,53+1 | 5,58+1 | 2,22+2 | 5,67+2 | 9,73+2 | 7,26+2 | 3,11+2 | 8,49+1 | 9,74+1 | 1,99+2 |
| 85 | 1,65+3 | 1,14+3 | 7,42+2 | 6,78+2 | 1,50+3 | 2,56+3 | 3,28+3 | 2,96+3 | 1,86+3 | 8,96+2 | 9,53+2 | 1,28+3 |
| 90 | 7,43+3 | 7,99+3 | 8,71+3 | 8,86+3 | 1,10+4 | 1,27+4 | 1,34+4 | 1,33+4 | 1,17+4 | 9,60+3 | 3,35+3 | 8,26+3 |
| 95 | 2,62+4 | 3,73+4 | 5,65+4 | 6,16+4 | 5,71+4 | 5,29+4 | 4,47+4 | 5,29+4 | 5,71+4 | 6,16+4 | 5,65+4 | 3,73+4 |
| 105 | 3,69+4 | 5,59+4 | 9,08+4 | 1,01+5 | 1,02+5 | 1,03+5 | 1,05+5 | 1,03+5 | 1,02+5 | 1,01+5 | 9,08+4 | 5,59+4 |

Таблица 309 — Ноябрь, $\overline{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|----------------|
| | 148 $^\circ$ | 120 $^\circ$ | 95 $^\circ$ | 90 $^\circ$ | 85,0 $^\circ$ | 80,0 $^\circ$ | 68,5 $^\circ$ | 80,0 $^\circ$ | 85,0 $^\circ$ | 90,0 $^\circ$ | 95 $^\circ$ | 120,0 $^\circ$ |
| | r f, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 4,12+0 | 5,61+0 | 4,72+0 | 3,57+0 | 3,71+0 | 3,39+0 | 1,53+0 | — | — |
| 50 | — | — | 2,54+0 | 3,00+1 | 3,99+1 | 3,28+1 | 2,37+1 | 2,48+1 | 2,41+1 | 1,11+1 | — | — |
| 53 | — | — | 6,95+0 | 6,58+1 | 8,84+1 | 7,31+1 | 5,38+1 | 5,51+1 | 5,34+1 | 2,44+1 | 1,32+0 | — |
| 55 | — | — | 1,28+1 | 9,07+1 | 1,24+2 | 1,04+2 | 7,86+1 | 7,84+1 | 7,47+1 | 3,37+1 | 2,43+0 | — |
| 57 | 1,67+0 | — | 1,92+1 | 1,00+2 | 1,40+2 | 1,20+2 | 9,51+1 | 9,16+1 | 8,46+1 | 3,73+1 | 3,67+0 | — |
| 59 | 3,05+0 | — | 2,45+1 | 1,06+2 | 1,52+2 | 1,34+2 | 1,13+2 | 1,04+2 | 9,21+1 | 3,94+1 | 4,69+0 | — |
| 61 | 5,55+0 | — | 2,71+1 | 1,09+2 | 1,62+2 | 1,50+2 | 1,35+2 | 1,19+2 | 9,89+1 | 4,07+1 | 5,24+0 | 1,16+0 |
| 63 | 1,01+1 | 1,40+0 | 2,98+1 | 7,79+1 | 1,21+2 | 1,19+2 | 1,15+2 | 1,01+2 | 7,50+1 | 2,92+1 | 5,89+0 | 2,26+0 |
| 65 | 1,84+1 | 2,82+0 | 2,85+1 | 4,29+1 | 7,06+1 | 7,69+1 | 7,75+1 | 7,71+1 | 4,63+1 | 1,64+1 | 5,97+0 | 4,40+0 |
| 67 | 3,36+1 | 5,67+0 | 1,99+1 | 3,25+1 | 5,37+1 | 6,25+1 | 5,46+1 | 7,16+1 | 3,88+1 | 1,31+1 | 5,08+0 | 8,57+0 |
| 69 | 6,12+1 | 1,14+1 | 1,48+1 | 2,52+1 | 4,48+1 | 5,98+1 | 4,59+1 | 7,66+1 | 3,81+1 | 1,16+1 | 5,81+0 | 1,67+1 |
| 71 | 1,12+2 | 2,29+1 | 1,41+1 | 2,07+1 | 4,75+1 | 8,38+1 | 7,29+1 | 1,15+2 | 5,02+1 | 1,24+1 | 3,30+0 | 3,25+1 |
| 73 | 2,03+2 | 4,62+1 | 1,63+1 | 1,95+1 | 6,13+1 | 1,39+2 | 1,42+2 | 1,95+2 | 7,90+1 | 1,72+1 | 1,73+1 | 6,32+1 |
| 75 | 3,70+2 | 9,29+1 | 2,46+1 | 2,35+1 | 1,02+2 | 2,85+2 | 4,02+2 | 3,97+2 | 1,48+2 | 2,97+1 | 3,48+1 | 1,23+2 |
| 80 | 1,66+3 | 5,34+2 | 1,44+2 | 1,12+2 | 3,72+2 | 7,94+2 | 8,77+2 | 1,02+3 | 5,29+2 | 1,74+2 | 2,18+2 | 6,51+2 |
| 85 | 7,44+3 | 3,67+3 | 1,61+3 | 1,35+3 | 2,52+3 | 3,59+3 | 3,09+3 | 4,16+3 | 3,11+3 | 1,79+3 | 2,07+3 | 4,13+3 |
| 90 | 3,33+4 | 2,53+4 | 1,83+4 | 1,71+4 | 1,82+4 | 1,80+4 | 1,33+4 | 1,87+4 | 1,94+4 | 1,85+4 | 1,97+4 | 2,62+4 |
| 95 | 1,14+5 | 1,16+5 | 1,17+5 | 1,17+5 | 9,61+4 | 7,89+4 | 5,07+4 | 7,89+4 | 9,61+4 | 1,17+5 | 1,17+5 | 1,16+5 |
| 105 | 1,60+5 | 1,73+5 | 1,88+5 | 1,92+5 | 1,75+5 | 1,60+5 | 1,31+5 | 1,60+5 | 1,75+5 | 1,92+5 | 1,88+5 | 1,73+5 |

Т а б л и ц а 310 — Ноябрь, $\overline{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т. ч. | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 4,39+0 | 5,99+0 | 5,04+0 | 3,81+0 | 3,99+0 | 3,62+0 | 1,63+0 | — | — |
| 50 | — | — | 1,83+0 | 1,25+1 | 1,67+1 | 1,38+1 | 9,88+0 | 1,09+1 | 1,01+1 | 4,64+0 | — | — |
| 53 | — | — | 3,17+0 | 2,76+1 | 3,71+1 | 3,09+1 | 2,26+1 | 2,43+1 | 2,25+1 | 1,03+1 | — | — |
| 55 | — | — | 4,49+0 | 5,64+1 | 7,69+1 | 6,48+1 | 4,89+1 | 5,01+1 | 4,66+1 | 2,10+1 | — | — |
| 57 | 1,67+0 | — | 1,10+1 | 8,11+1 | 1,13+2 | 9,72+1 | 7,69+1 | 7,55+1 | 6,85+1 | 3,02+1 | 2,11+0 | — |
| 59 | 3,05+0 | — | 1,84+1 | 1,00+2 | 1,44+2 | 1,28+2 | 1,07+2 | 1,00+2 | 8,73+1 | 3,73+1 | 3,54+0 | — |
| 61 | 5,55+0 | — | 2,42+1 | 1,18+2 | 1,75+2 | 1,62+2 | 1,46+2 | 1,30+2 | 1,07+2 | 4,40+1 | 4,73+0 | 1,26+0 |
| 63 | 1,01+1 | 1,50+0 | 2,98+1 | 9,39+1 | 1,46+2 | 1,43+2 | 1,39+2 | 1,22+2 | 9,03+1 | 3,52+1 | 5,93+0 | 2,42+0 |
| 65 | 1,84+1 | 3,02+0 | 3,24+1 | 5,57+1 | 9,16+1 | 9,91+1 | 1,01+2 | 9,75+1 | 5,96+1 | 2,13+1 | 6,79+0 | 4,72+0 |
| 67 | 3,36+1 | 6,07+0 | 2,43+1 | 4,21+1 | 7,10+1 | 8,33+1 | 7,73+1 | 9,36+1 | 5,05+1 | 1,69+1 | 6,12+0 | 9,19+0 |
| 69 | 6,12+1 | 1,22+1 | 1,86+1 | 3,27+1 | 5,94+1 | 8,05+1 | 6,80+1 | 1,02+2 | 4,95+1 | 1,48+1 | 7,00+0 | 1,79+1 |
| 71 | 1,12+2 | 2,46+1 | 1,75+1 | 2,66+1 | 6,09+1 | 1,07+2 | 9,80+1 | 1,45+2 | 6,27+1 | 1,55+1 | 1,10+1 | 3,48+1 |
| 73 | 2,03+2 | 4,95+1 | 1,98+1 | 2,46+1 | 7,88+1 | 1,82+2 | 2,06+2 | 2,54+2 | 9,93+1 | 2,09+1 | 2,03+1 | 6,78+1 |
| 75 | 3,70+2 | 9,96+1 | 2,93+1 | 2,90+1 | 1,32+2 | 3,90+2 | 6,41+2 | 5,41+2 | 1,89+2 | 3,56+1 | 4,06+1 | 1,32+2 |
| 80 | 1,66+3 | 5,72+2 | 1,68+2 | 1,33+2 | 4,71+2 | 1,07+3 | 1,36+3 | 1,37+3 | 6,68+2 | 2,07+2 | 2,53+2 | 6,98+2 |
| 85 | 7,44+3 | 3,94+3 | 1,87+3 | 1,60+3 | 3,16+3 | 4,79+3 | 4,71+3 | 5,55+3 | 3,91+3 | 2,12+3 | 2,41+3 | 4,42+3 |
| 90 | 3,33+4 | 2,71+4 | 2,13+4 | 2,02+4 | 2,26+4 | 2,34+4 | 1,93+4 | 2,44+4 | 2,40+4 | 2,19+4 | 2,29+4 | 2,80+4 |
| 95 | 1,14+5 | 1,24+5 | 1,36+5 | 1,39+5 | 1,15+5 | 9,58+4 | 6,34+4 | 9,58+4 | 1,15+5 | 1,39+5 | 1,35+5 | 1,24+5 |
| 105 | 1,60+5 | 1,85+5 | 2,19+5 | 2,27+5 | 2,05+5 | 1,85+5 | 1,48+5 | 1,85+5 | 2,05+5 | 2,27+5 | 2,19+5 | 1,85+5 |

Таблица 311 — Ноябрь, $\bar{W}=10$, $\varphi=50^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | с8,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 1,58+0 | 2,15+0 | 1,79+0 | 1,34+0 | 1,36+0 | 1,27+0 | — | — | — |
| 50 | — | — | — | 1,15+1 | 1,52+1 | 1,24+1 | 8,85+0 | 9,17+0 | 8,98+0 | 3,88+0 | — | — |
| 53 | — | — | 2,30+0 | 2,59+1 | 3,46+1 | 2,84+1 | 2,07+1 | 2,10+1 | 2,04+1 | 8,76+0 | — | — |
| 55 | — | — | 4,28+0 | 3,67+1 | 4,98+1 | 4,14+1 | 3,11+1 | 3,07+1 | 2,94+1 | 1,24+1 | — | — |
| 57 | — | — | 6,64+0 | 4,06+1 | 5,62+1 | 4,78+1 | 3,75+1 | 3,56+1 | 3,32+1 | 1,37+1 | 1,12+0 | — |
| 59 | — | — | 8,51+0 | 4,28+1 | 6,11+1 | 5,35+1 | 4,46+1 | 4,03+1 | 3,61+1 | 1,45+1 | 1,44+0 | — |
| 61 | — | — | 9,42+0 | 4,40+1 | 6,51+1 | 5,93+1 | 5,32+1 | 4,54+1 | 3,86+1 | 1,49+1 | 1,61+0 | — |
| 63 | — | — | 1,01+1 | 3,63+1 | 5,60+1 | 5,36+1 | 5,23+1 | 4,28+1 | 3,35+1 | 1,23+1 | 1,76+0 | — |
| 65 | 1,77+0 | — | 1,04+1 | 2,39+1 | 3,90+1 | 4,02+1 | 4,24+1 | 3,52+1 | 2,40+1 | 8,24+0 | 1,88+0 | — |
| 67 | 3,23+0 | — | 8,47+0 | 1,80+1 | 2,99+1 | 3,26+1 | 3,29+1 | 3,20+1 | 1,94+1 | 6,39+0 | 1,73+0 | 1,26+0 |
| 69 | 5,88+0 | 1,68+0 | 6,62+0 | 1,38+1 | 2,42+1 | 2,93+1 | 2,83+1 | 3,27+1 | 1,74+1 | 5,29+0 | 1,82+0 | 2,46+0 |
| 71 | 1,07+1 | 3,38+0 | 5,90+0 | 1,09+1 | 2,29+1 | 3,53+1 | 3,85+1 | 4,39+1 | 1,97+1 | 4,98+0 | 2,57+0 | 4,78+0 |
| 73 | 1,95+1 | 6,80+0 | 5,94+0 | 9,25+0 | 2,66+1 | 5,64+1 | 7,95+1 | 7,47+1 | 2,84+1 | 5,87+0 | 4,44+0 | 9,31+0 |
| 75 | 3,56+1 | 1,37+1 | 7,51+0 | 9,37+0 | 4,01+1 | 1,18+2 | 2,52+2 | 1,59+2 | 5,11+1 | 8,93+0 | 8,62+0 | 1,81+1 |
| 80 | 1,60+2 | 7,86+1 | 3,57+1 | 3,17+1 | 1,27+2 | 3,32+2 | 6,03+2 | 4,24+2 | 1,78+2 | 4,75+1 | 5,29+1 | 9,58+1 |
| 95 | 7,15+2 | 5,51+2 | 4,06+2 | 3,82+2 | 8,67+2 | 1,51+3 | 2,06+3 | 1,75+3 | 1,07+3 | 5,04+2 | 5,22+2 | 6,18+2 |
| 90 | 3,24+3 | 3,88+3 | 4,81+3 | 5,03+3 | 6,48+3 | 7,74+3 | 8,81+3 | 3,07+3 | 6,88+3 | 5,45+3 | 5,16+3 | 4,01+3 |
| 95 | 1,19+4 | 1,86+4 | 3,14+4 | 3,51+4 | 3,48+4 | 3,46+4 | 3,41+4 | 3,46+4 | 3,48+4 | 3,51+4 | 3,14+4 | 1,86+4 |
| 135 | 1,69+4 | 2,80+4 | 5,05+4 | 5,72+4 | 6,35+4 | 7,04+4 | 8,85+4 | 7,04+4 | 6,35+4 | 5,72+4 | 5,05+4 | 2,80+4 |

Таблица 312 — Ноябрь, $\bar{W}=100$, $\varphi=50^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 148,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 68,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,0 | 7,5 | 8,1 | 8,8 | 12,0 | 15,1 | 15,8 | 16,3 | 17,0 | 19,7 |
| 45 | — | — | — | 1,67+0 | 2,26+0 | 1,88+0 | 1,41+0 | 1,44+0 | 1,33+0 | — | — | — |
| 50 | — | — | — | 4,80+0 | 6,37+0 | 5,20+0 | 3,70+0 | 3,90+0 | 3,77+0 | 1,62+0 | — | — |
| 53 | — | — | 1,05+0 | 1,12+1 | 1,50+1 | 1,24+1 | 8,97+0 | 9,39+0 | 8,90+0 | 3,81+0 | — | — |
| 55 | — | — | 1,55+0 | 2,35+1 | 3,19+1 | 2,66+1 | 1,99+1 | 2,00+1 | 1,89+1 | 7,96+0 | — | — |
| 57 | — | — | 3,90+0 | 3,31+1 | 4,59+1 | 3,91+1 | 3,07+1 | 2,95+1 | 2,72+1 | 1,12+1 | — | — |
| 59 | — | — | 6,49+0 | 4,06+1 | 5,79+1 | 5,08+1 | 4,23+1 | 3,86+1 | 3,43+1 | 1,38+1 | 1,10+0 | — |
| 61 | — | — | 8,49+0 | 4,76+1 | 7,03+1 | 6,40+1 | 5,74+1 | 4,93+1 | 4,18+1 | 1,61+1 | 1,46+0 | — |
| 63 | — | — | 1,01+1 | 4,35+1 | 6,72+1 | 6,44+1 | 6,28+1 | 5,12+1 | 4,02+1 | 1,48+1 | 1,76+0 | — |
| 65 | 1,77+0 | — | 1,18+1 | 3,11+1 | 5,06+1 | 5,20+1 | 5,51+1 | 4,49+1 | 3,10+1 | 1,07+1 | 2,13+0 | — |
| 67 | 3,23+0 | — | 1,03+1 | 2,34+1 | 3,94+1 | 4,33+1 | 4,59+1 | 4,17+1 | 2,53+1 | 8,27+0 | 2,09+0 | 1,34+0 |
| 69 | 5,88+0 | 1,79+0 | 8,34+0 | 1,79+1 | 3,17+1 | 3,85+1 | 3,93+1 | 4,21+1 | 2,25+1 | 6,78+0 | 2,21+0 | 2,62+0 |
| 71 | 1,07+1 | 3,60+0 | 7,39+0 | 1,41+1 | 2,96+1 | 4,52+1 | 5,15+1 | 5,52+1 | 2,48+1 | 6,27+0 | 3,05+0 | 5,09+0 |
| 73 | 1,95+1 | 7,24+0 | 7,32+0 | 1,18+1 | 3,45+1 | 7,39+1 | 1,14+2 | 9,68+1 | 3,57+1 | 7,19+0 | 5,17+0 | 9,92+0 |
| 75 | 3,56+1 | 1,46+1 | 9,02+0 | 1,17+1 | 5,21+1 | 1,61+2 | 4,01+2 | 2,16+2 | 6,50+1 | 1,07+1 | 9,95+0 | 1,93+1 |
| 80 | 1,60+2 | 8,37+1 | 4,12+1 | 3,73+1 | 1,58+2 | 4,36+2 | 9,02+2 | 5,57+2 | 2,21+2 | 5,55+1 | 6,08+1 | 1,02+2 |
| 85 | 7,15+2 | 5,87+2 | 4,66+2 | 4,45+2 | 1,07+3 | 1,97+3 | 3,02+3 | 2,28+3 | 1,32+3 | 5,87+2 | 5,99+2 | 6,59+2 |
| 90 | 3,24+3 | 4,14+3 | 5,52+3 | 5,86+3 | 7,89+3 | 9,84+3 | 1,23+4 | 1,03+4 | 8,38+3 | 6,35+3 | 5,93+3 | 4,28+3 |
| 95 | 1,19+4 | 1,98+4 | 3,60+4 | 4,09+4 | 4,10+4 | 4,11+4 | 4,12+4 | 4,11+4 | 4,10+4 | 4,09+4 | 3,60+4 | 1,98+4 |
| 105 | 1,69+4 | 2,98+4 | 5,80+4 | 6,67+4 | 7,30+4 | 7,98+4 | 9,72+4 | 7,93+4 | 7,30+4 | 6,67+4 | 5,80+4 | 2,98+4 |

Таблица 313 — Ноябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_p , см $^{-3}$ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | f, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 1,28+0 | 1,70+0 | 1,41+0 | 1,17+0 | 1,22+0 | 1,22+0 | — | — | — |
| 50 | — | — | — | 9,30+0 | 1,19+1 | 9,62+0 | 7,71+0 | 8,26+0 | 8,57+0 | 3,81+0 | — | — |
| 53 | — | — | 1,68+0 | 2,12+1 | 2,75+1 | 2,24+1 | 1,82+1 | 1,92+1 | 1,97+1 | 8,68+0 | — | — |
| 55 | — | — | 3,15+0 | 3,04+1 | 4,01+1 | 3,32+1 | 2,76+1 | 2,85+1 | 2,88+1 | 1,24+1 | — | — |
| 57 | — | — | 4,93+0 | 3,35+1 | 4,55+1 | 3,88+1 | 3,33+1 | 3,33+1 | 3,27+1 | 1,37+1 | — | — |
| 59 | — | — | 6,35+0 | 3,54+1 | 4,99+1 | 4,41+1 | 3,96+1 | 3,80+1 | 3,58+1 | 1,45+1 | 1,24+0 | — |
| 61 | — | — | 7,06+0 | 3,66+1 | 5,39+1 | 4,99+1 | 4,74+1 | 4,33+1 | 3,88+1 | 1,50+1 | 1,39+0 | — |
| 63 | — | — | 7,58+0 | 3,09+1 | 4,82+1 | 4,73+1 | 4,78+1 | 4,14+1 | 3,48+1 | 1,27+1 | 1,51+0 | — |
| 65 | — | — | 7,95+0 | 2,11+1 | 3,52+1 | 3,73+1 | 4,02+1 | 3,35+1 | 2,58+1 | 8,74+0 | 1,62+0 | — |
| 67 | 1,18+0 | — | 6,69+0 | 1,59+1 | 2,72+1 | 3,00+1 | 3,20+1 | 2,32+1 | 2,05+1 | 6,70+0 | 1,48+0 | — |
| 69 | 2,15+0 | — | 5,30+0 | 1,21+1 | 2,19+1 | 2,62+1 | 2,75+1 | 2,50+1 | 1,75+1 | 5,36+0 | 1,44+0 | 1,20+0 |
| 71 | 3,92+0 | 1,69+0 | 4,66+0 | 9,46+0 | 2,08+1 | 3,10+1 | 3,60+1 | 3,29+1 | 1,85+1 | 4,68+0 | 1,83+0 | 2,32+0 |
| 73 | 7,15+0 | 3,37+0 | 4,50+0 | 7,81+0 | 2,46+1 | 5,20+1 | 7,52+1 | 5,77+1 | 2,55+1 | 4,88+0 | 2,91+0 | 4,49+0 |
| 75 | 1,30+1 | 6,71+0 | 5,28+0 | 7,42+0 | 3,79+1 | 1,21+2 | 2,45+2 | 1,37+2 | 4,59+1 | 6,57+0 | 5,40+0 | 8,68+0 |
| 80 | 5,84+1 | 3,78+1 | 2,21+1 | 2,10+1 | 1,09+2 | 3,24+2 | 5,96+2 | 3,64+2 | 1,47+2 | 3,08+1 | 3,22+1 | 4,53+1 |
| 85 | 2,62+2 | 2,55+2 | 2,48+2 | 2,47+2 | 6,88+2 | 1,37+3 | 2,02+3 | 1,47+3 | 8,34+2 | 3,25+2 | 3,17+2 | 2,84+2 |
| 90 | 1,21+3 | 1,76+3 | 2,93+3 | 3,27+3 | 4,91+3 | 6,68+3 | 8,63+3 | 6,82+3 | 5,19+3 | 3,54+3 | 3,15+3 | 1,81+3 |
| 95 | 5,00+3 | 8,88+3 | 1,94+4 | 2,29+4 | 2,57+4 | 2,89+4 | 3,25+4 | 2,89+4 | 2,57+4 | 2,29+4 | 1,94+4 | 8,88+3 |
| 105 | 7,18+3 | 1,34+4 | 3,12+4 | 3,73+4 | 4,84+4 | 6,26+4 | 8,70+4 | 6,26+4 | 4,84+4 | 3,73+4 | 3,12+4 | 1,34+4 |

Таблица 314 — Ноябрь, $\overline{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73 5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t ч | | | | | | | | | | | |
| | 0.0 | 4.3 | 7.1 | 7.9 | 8.6 | 9.5 | 12.0 | 14.5 | 15.3 | 16.1 | 16.7 | 19.7 |
| 45 | — | — | — | 1,35+0 | 1,78+0 | 1,48+0 | 1,22+0 | 1,28+0 | 1,28+0 | — | — | — |
| 50 | — | — | — | 3,90+0 | 5,01+0 | 4,04+0 | 3,23+0 | 3,50+0 | 3,60+0 | 1,60+0 | — | — |
| 53 | — | — | — | 9,31+0 | 1,21+1 | 9,85+0 | 7,98+0 | 8,51+0 | 8,69+0 | 3,82+0 | — | — |
| 55 | — | — | 1,16+0 | 1,96+1 | 2,59+1 | 2,15+1 | 1,78+1 | 1,85+1 | 1,86+1 | 8,04+0 | — | — |
| 57 | — | — | 2,93+0 | 2,75+1 | 3,73+1 | 3,18+1 | 2,73+1 | 2,74+1 | 2,68+1 | 1,13+1 | — | — |
| 59 | — | — | 4,88+0 | 3,36+1 | 4,74+1 | 4,19+1 | 3,76+1 | 3,62+1 | 3,41+1 | 1,38+1 | — | — |
| 61 | — | — | 6,37+0 | 3,94+1 | 5,82+1 | 5,39+1 | 5,11+1 | 4,68+1 | 4,19+1 | 1,62+1 | 1,26+0 | — |
| 63 | — | — | 7,57+0 | 3,70+1 | 5,77+1 | 5,67+1 | 5,73+1 | 4,96+1 | 4,17+1 | 1,52+1 | 1,51+0 | — |
| 65 | — | — | 8,97+0 | 2,74+1 | 4,57+1 | 4,83+1 | 5,22+1 | 4,33+1 | 3,34+1 | 1,13+1 | 1,83+0 | — |
| 67 | 1,18+0 | — | 8,15+0 | 2,06+1 | 3,59+1 | 4,03+1 | 4,45+1 | 3,76+1 | 2,70+1 | 8,66+0 | 1,78+0 | — |
| 69 | 2,15+0 | — | 6,67+0 | 1,57+1 | 2,88+1 | 3,48+1 | 3,79+1 | 3,43+1 | 2,28+1 | 6,89+0 | 1,76+0 | 1,27+0 |
| 71 | 3,92+0 | 1,79+0 | 5,83+0 | 1,22+1 | 2,69+1 | 4,02+1 | 4,82+1 | 4,21+1 | 2,36+1 | 5,94+0 | 2,18+0 | 2,45+0 |
| 73 | 7,15+0 | 3,56+0 | 5,55+0 | 1,00+1 | 3,22+1 | 7,00+1 | 1,08+2 | 7,70+1 | 3,28+1 | 6,06+0 | 3,39+0 | 4,76+0 |
| 75 | 1,30+1 | 7,11+0 | 6,37+0 | 9,33+0 | 5,04+1 | 1,72+2 | 3,89+2 | 1,94+2 | 5,98+1 | 7,92+0 | 6,23+0 | 9,19+0 |
| 80 | 5,84+1 | 4,00+1 | 2,55+1 | 2,48+1 | 1,37+2 | 4,38+2 | 8,84+2 | 4,91+2 | 1,84+2 | 3,60+1 | 3,69+1 | 4,79+1 |
| 85 | 2,62+2 | 2,70+2 | 2,83+2 | 2,87+2 | 8,57+2 | 1,82+3 | 2,94+3 | 1,95+3 | 1,04+3 | 3,78+2 | 3,63+2 | 3,01+2 |
| 90 | 1,21+3 | 1,86+3 | 3,35+3 | 3,80+3 | 6,03+3 | 8,67+3 | 1,20+4 | 8,85+3 | 6,37+3 | 4,12+3 | 3,60+3 | 1,92+3 |
| 95 | 5,00+3 | 9,40+3 | 2,22+4 | 2,66+4 | 3,02+4 | 3,43+4 | 4,03+4 | 3,43+4 | 3,02+4 | 2,66+4 | 2,22+4 | 9,40+3 |
| 105 | 7,18+3 | 1,42+4 | 3,57+4 | 4,34+4 | 5,52+4 | 7,01+4 | 9,52+4 | 7,01+4 | 5,52+4 | 4,34+4 | 3,57+4 | 1,42+4 |

Таблица 315 — Ноябрь, $\bar{W}=10$, $\varphi=55^\circ$ с ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f. ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 4,02+0 | 5,35+0 | 4,50+0 | 3,76+0 | 3,96+0 | 3,93+0 | 1,84+0 | — | — |
| 50 | — | — | 2,49+0 | 2,93+1 | 3,79+1 | 3,09+1 | 2,50+1 | 2,68+1 | 2,78+1 | 1,34+1 | — | — |
| 53 | — | — | 6,81+0 | 6,42+1 | 8,39+1 | 6,91+1 | 5,67+1 | 6,00+1 | 6,16+1 | 2,94+1 | 1,55+0 | — |
| 55 | — | — | 1,25+1 | 8,83+1 | 1,17+2 | 9,86+1 | 8,27+1 | 8,57+1 | 8,63+1 | 4,05+1 | 2,84+0 | — |
| 57 | 1,79+0 | — | 1,88+1 | 9,76+1 | 1,34+2 | 1,15+2 | 1,00+2 | 1,01+2 | 9,82+1 | 4,48+1 | 4,28+0 | — |
| 59 | 3,27+0 | — | 2,40+1 | 1,03+2 | 1,46+2 | 1,31+2 | 1,19+2 | 1,15+2 | 1,08+2 | 4,74+1 | 5,48+0 | — |
| 61 | 5,96+0 | — | 2,66+1 | 1,06+2 | 1,58+2 | 1,49+2 | 1,42+2 | 1,32+2 | 1,17+2 | 4,88+1 | 6,14+0 | 1,41+0 |
| 63 | 1,09+1 | 1,76+0 | 2,94+1 | 7,50+1 | 1,18+2 | 1,19+2 | 1,20+2 | 1,09+2 | 8,83+1 | 3,46+1 | 6,91+0 | 2,73+0 |
| 65 | 1,98+1 | 3,51+0 | 2,82+1 | 4,07+1 | 6,90+1 | 7,74+1 | 7,96+1 | 7,59+1 | 5,39+1 | 1,92+1 | 6,95+0 | 5,28+0 |
| 67 | 3,60+1 | 7,00+0 | 1,95+1 | 3,09+1 | 5,22+1 | 6,08+1 | 5,58+1 | 6,37+1 | 4,40+1 | 1,52+1 | 5,77+0 | 1,02+1 |
| 69 | 6,57+1 | 1,40+1 | 1,46+1 | 2,41+1 | 4,38+1 | 5,54+1 | 4,67+1 | 6,27+1 | 4,19+1 | 1,33+1 | 6,42+0 | 1,96+1 |
| 71 | 1,20+2 | 2,79+1 | 1,41+1 | 1,99+1 | 4,90+1 | 8,33+1 | 7,58+1 | 9,63+1 | 5,55+1 | 1,38+1 | 1,01+1 | 3,83+1 |
| 73 | 2,18+2 | 5,56+1 | 1,67+1 | 1,90+1 | 6,67+1 | 1,44+2 | 1,47+2 | 1,59+2 | 8,77+1 | 1,86+1 | 1,85+1 | 7,41+1 |
| 75 | 3,97+2 | 1,11+2 | 2,56+1 | 2,35+1 | 1,18+2 | 1,18+2 | 1,47+2 | 1,59+2 | 8,77+1 | 1,86+1 | 1,85+1 | 7,41+1 |
| 80 | 1,78+3 | 6,24+2 | 1,53+2 | 1,16+2 | 1,16+2 | 3,20+2 | 4,10+2 | 3,74+2 | 1,68+2 | 3,14+1 | 3,70+1 | 1,43+2 |
| 85 | 7,98+3 | 4,13+3 | 1,69+3 | 4,14+2 | 4,14+2 | 8,32+2 | 8,86+2 | 9,38+2 | 5,71+2 | 1,82+2 | 2,31+2 | 7,48+2 |
| 90 | 3,58+4 | 2,74+4 | 1,90+4 | 1,40+3 | 2,64+3 | 3,53+3 | 3,13+3 | 3,79+3 | 3,20+3 | 1,85+3 | 2,17+3 | 4,59+3 |
| 95 | 1,22+5 | 1,22+5 | 1,21+5 | 1,76+4 | 1,76+4 | 1,81+4 | 1,70+4 | 1,35+4 | 1,73+4 | 1,92+4 | 1,91+4 | 2,04+4 |
| 105 | 1,72+5 | 1,81+5 | 1,94+5 | 1,21+5 | 9,28+4 | 7,16+4 | 5,13+4 | 1,33+5 | 1,55+5 | 1,74+5 | 1,97+5 | 1,94+5 |
| | | | | 1,97+5 | 1,74+5 | 1,55+5 | 1,33+5 | 1,55+5 | 1,74+5 | 1,97+5 | 1,94+5 | 1,81+5 |

Таблица 316 — Ноябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | f f ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 4,30+0 | 5,72+0 | 4,81+0 | 4,02+0 | 4,24+0 | 4,20+0 | 1,97+0 | — | — |
| 50 | — | — | 1,80+0 | 1,22+1 | 1,58+1 | 1,29+1 | 1,04+1 | 1,14+1 | 1,16+1 | 5,60+0 | — | — |
| 53 | — | — | 3,12+0 | 2,69+1 | 3,51+1 | 2,91+1 | 2,37+1 | 2,56+1 | 2,59+1 | 1,23+1 | — | — |
| 55 | — | — | 4,42+0 | 5,48+1 | 7,30+1 | 6,14+1 | 5,13+1 | 5,38+1 | 5,37+1 | 2,52+1 | 1,01+0 | — |
| 57 | 1,79+0 | — | 1,07+1 | 7,89+1 | 1,08+2 | 3,34+1 | 8,07+1 | 8,20+1 | 7,95+1 | 3,62+1 | 2,46+0 | — |
| 59 | 3,27+0 | — | 1,80+1 | 9,76+1 | 1,39+2 | 1,25+2 | 1,12+2 | 1,10+2 | 1,02+2 | 4,48+1 | 4,15+0 | — |
| 61 | 5,96+0 | — | 2,39+1 | 1,15+2 | 1,71+2 | 1,61+2 | 1,53+2 | 1,43+2 | 1,26+2 | 5,28+1 | 5,53+0 | 1,50+0 |
| 63 | 1,09+1 | 1,87+0 | 2,94+1 | 9,03+1 | 1,42+2 | 1,43+2 | 1,44+2 | 1,31+2 | 1,06+2 | 4,17+1 | 6,96+0 | 2,91+0 |
| 65 | 1,98+1 | 3,74+0 | 3,19+1 | 5,29+1 | 8,94+1 | 9,99+1 | 1,03+2 | 9,71+1 | 6,96+1 | 2,49+1 | 7,90+0 | 5,63+0 |
| 67 | 3,60+1 | 7,46+0 | 2,38+1 | 4,01+1 | 6,94+1 | 8,22+1 | 7,90+1 | 8,53+1 | 5,78+1 | 1,96+1 | 6,96+0 | 1,09+1 |
| 69 | 6,57+1 | 1,49+1 | 1,83+1 | 3,11+1 | 5,88+1 | 7,83+1 | 6,98+1 | 8,64+1 | 5,53+1 | 1,69+1 | 7,74+0 | 2,11+1 |
| 71 | 1,20+2 | 2,97+1 | 1,75+1 | 2,56+1 | 6,30+1 | 1,68+2 | 1,02+2 | 1,24+2 | 7,00+1 | 1,73+1 | 1,19+1 | 4,08+1 |
| 73 | 2,18+2 | 5,93+1 | 2,03+1 | 2,40+1 | 8,64+1 | 1,94+2 | 2,13+2 | 2,27+2 | 1,12+2 | 2,27+1 | 2,17+1 | 7,90+1 |
| 75 | 3,97+2 | 1,18+2 | 3,05+1 | 2,90+1 | 1,55+2 | 4,56+2 | 6,54+2 | 5,33+2 | 2,20+2 | 3,77+1 | 4,32+1 | 1,53+2 |
| 80 | 1,78+3 | 6,65+2 | 1,78+2 | 1,38+2 | 5,34+2 | 1,17+3 | 1,38+3 | 1,31+3 | 7,37+2 | 2,15+2 | 2,68+2 | 7,97+2 |
| 85 | 7,98+3 | 4,40+3 | 1,97+3 | 1,66+3 | 3,38+3 | 4,89+3 | 4,79+3 | 5,24+3 | 4,10+3 | 2,19+3 | 2,52+3 | 4,90+3 |
| 90 | 3,58+4 | 2,92+4 | 2,21+4 | 2,09+4 | 2,29+4 | 2,28+4 | 1,97+4 | 2,33+4 | 2,42+4 | 2,26+4 | 2,38+4 | 3,01+4 |
| 95 | 1,22+5 | 1,30+5 | 1,41+5 | 1,43+5 | 1,12+5 | 8,78+4 | 6,44+4 | 8,78+4 | 1,12+5 | 1,43+5 | 1,41+5 | 1,30+5 |
| 105 | 1,72+5 | 1,93+5 | 2,26+5 | 2,33+5 | 2,04+5 | 1,78+5 | 1,50+5 | 1,78+5 | 2,04+5 | 2,33+5 | 2,26+5 | 1,93+5 |

Таблица 317 — Ноябрь, $\bar{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f _o F ₂ | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 3,57+0 | 4,77+0 | 4,04+0 | 3,40+0 | 3,56+0 | 3,54+0 | 1,75+0 | — | — |
| 50 | — | — | 2,20+0 | 2,61+1 | 3,38+1 | 2,78+1 | 2,26+1 | 2,42+1 | 2,51+1 | 1,27+1 | — | — |
| 53 | — | — | 6,00+0 | 5,65+1 | 7,41+1 | 6,15+1 | 5,07+1 | 5,35+1 | 5,50+1 | 2,76+1 | 1,49+0 | — |
| 55 | — | — | 1,10+1 | 7,68+1 | 1,03+2 | 8,67+1 | 7,31+1 | 7,56+1 | 7,61+1 | 3,76+1 | 2,72+0 | — |
| 57 | 1,41+0 | — | 1,63+1 | 8,50+1 | 1,17+2 | 1,01+2 | 8,84+1 | 8,88+1 | 8,67+1 | 4,16+1 | 4,05+0 | — |
| 59 | 2,56+0 | — | 2,07+1 | 8,98+1 | 1,28+2 | 1,15+2 | 1,05+2 | 1,02+2 | 9,51+1 | 4,39+1 | 5,17+0 | — |
| 61 | 4,67+0 | — | 2,30+1 | 8,91+1 | 1,33+2 | 1,26+2 | 1,21+2 | 1,12+2 | 9,92+1 | 4,37+1 | 5,77+0 | 1,10+0 |
| 63 | 8,51+0 | 1,37+0 | 2,50+1 | 6,10+1 | 9,63+1 | 9,77+1 | 9,88+1 | 8,92+1 | 7,27+1 | 3,00+1 | 6,38+0 | 2,12+0 |
| 65 | 1,55+1 | 2,73+0 | 2,82+1 | 3,19+1 | 5,43+1 | 6,13+1 | 6,34+1 | 6,02+1 | 4,28+1 | 1,60+1 | 6,17+0 | 4,11+0 |
| 67 | 2,83+1 | 5,45+0 | 1,56+1 | 2,42+1 | 4,11+1 | 4,81+1 | 4,45+1 | 5,05+1 | 3,48+1 | 1,26+1 | 4,87+0 | 7,96+0 |
| 69 | 5,15+1 | 1,09+1 | 1,15+1 | 1,89+1 | 3,41+1 | 4,39+1 | 3,62+1 | 4,88+1 | 3,28+1 | 1,09+1 | 5,20+0 | 1,54+1 |
| 71 | 9,38+1 | 2,17+1 | 1,11+1 | 1,56+1 | 4,08+1 | 7,38+1 | 7,28+1 | 8,53+1 | 4,62+1 | 1,12+1 | 7,95+0 | 2,98+1 |
| 73 | 1,71+2 | 4,33+1 | 1,30+1 | 1,48+1 | 5,44+1 | 1,24+2 | 1,34+2 | 1,45+2 | 7,17+1 | 1,47+1 | 1,44+1 | 5,77+1 |
| 75 | 3,12+2 | 8,64+1 | 1,99+1 | 1,82+1 | 9,30+1 | 2,57+2 | 3,36+2 | 3,01+2 | 1,33+2 | 2,45+1 | 2,87+1 | 1,12+2 |
| 80 | 1,40+3 | 4,86+2 | 1,18+2 | 8,93+1 | 3,18+2 | 6,36+2 | 6,71+2 | 7,16+2 | 4,38+2 | 1,40+2 | 1,78+2 | 5,82+2 |
| 85 | 6,26+3 | 3,17+3 | 1,26+3 | 1,03+3 | 1,98+3 | 2,70+3 | 2,44+3 | 2,89+3 | 2,40+3 | 1,37+3 | 1,61+3 | 3,52+3 |
| 90 | 2,81+4 | 2,07+4 | 1,36+4 | 1,25+4 | 1,33+4 | 1,28+4 | 1,06+4 | 1,31+4 | 1,40+4 | 1,35+4 | 1,46+4 | 2,13+4 |
| 95 | 9,62+4 | 9,14+4 | 8,53+4 | 8,40+4 | 6,67+4 | 5,31+4 | 3,97+4 | 5,31+4 | 6,67+4 | 8,40+4 | 8,53+4 | 9,14+4 |
| 105 | 1,35+5 | 1,36+5 | 1,37+5 | 1,37+5 | 1,25+5 | 1,15+5 | 1,02+5 | 1,15+5 | 1,25+5 | 1,37+5 | 1,37+5 | 1,36+5 |

Таблица 318 — Ноябрь, $W=100$, $\varphi=55^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и I , ч | | | | | | | | | | | |
| | 0.0 | 4.3 | 7.1 | 7.9 | 8.6 | 9.5 | 12.0 | 14.5 | 15.3 | 16.1 | 16.7 | 19.7 |
| 45 | — | — | — | 3,84+0 | 5,13+0 | 4,35+0 | 3,66+0 | 3,83+0 | 3,81+0 | 1,88+0 | — | — |
| 50 | — | — | 1,59+0 | 1,09+1 | 1,41+1 | 1,16+1 | 9,42+0 | 1,03+1 | 1,05+1 | 5,31+0 | — | — |
| 53 | — | — | 2,75+0 | 2,33+1 | 3,06+1 | 2,55+1 | 2,09+1 | 2,25+1 | 2,28+1 | 1,14+1 | — | — |
| 55 | — | — | 3,83+0 | 4,71+1 | 6,30+1 | 5,34+1 | 4,49+1 | 4,69+1 | 4,68+1 | 2,31+1 | — | — |
| 57 | 1,41+0 | — | 9,19+0 | 6,84+1 | 9,39+1 | 8,18+1 | 7,11+1 | 7,19+1 | 6,98+1 | 3,35+1 | 2,30+0 | — |
| 59 | 2,56+0 | — | 1,55+1 | 8,49+1 | 1,21+2 | 1,09+2 | 9,94+1 | 9,66+1 | 9,01+1 | 4,16+1 | 3,88+0 | — |
| 61 | 4,67+0 | — | 2,05+1 | 9,65+1 | 1,44+2 | 1,37+2 | 1,31+2 | 1,22+2 | 1,08+2 | 4,73+1 | 5,18+0 | 1,18+0 |
| 63 | 8,51+0 | 1,47+0 | 2,51+1 | 7,34+1 | 1,16+2 | 1,18+2 | 1,19+2 | 1,07+2 | 8,75+1 | 3,61+1 | 6,43+0 | 2,28+0 |
| 65 | 1,55+1 | 2,93+0 | 2,63+1 | 4,12+1 | 6,99+1 | 7,86+1 | 8,18+1 | 7,57+1 | 5,49+0 | 2,06+1 | 7,03+0 | 4,40+0 |
| 67 | 2,83+1 | 5,84+0 | 1,89+1 | 3,12+1 | 5,43+1 | 6,50+1 | 6,29+1 | 6,77+1 | 4,57+1 | 1,62+1 | 5,88+0 | 8,53+0 |
| 69 | 5,15+1 | 1,17+1 | 1,43+1 | 2,42+1 | 4,69+1 | 6,42+1 | 5,90+1 | 7,10+1 | 4,45+1 | 1,39+1 | 6,30+0 | 1,65+1 |
| 71 | 9,38+1 | 2,33+1 | 1,37+1 | 1,99+1 | 5,25+1 | 9,59+1 | 9,83+1 | 1,10+2 | 5,86+1 | 1,40+1 | 9,51+0 | 3,19+1 |
| 73 | 1,71+2 | 4,64+1 | 1,58+1 | 1,87+1 | 7,09+1 | 1,68+2 | 1,96+2 | 1,96+2 | 9,22+1 | 1,81+1 | 1,71+1 | 6,18+1 |
| 75 | 3,12+2 | 9,26+1 | 2,38+1 | 2,26+1 | 1,23+2 | 3,69+2 | 5,38+2 | 4,31+2 | 1,75+2 | 2,97+1 | 3,38+1 | 1,20+2 |
| 80 | 1,40+3 | 5,20+2 | 1,39+2 | 1,08+2 | 4,18+2 | 9,13+2 | 1,08+3 | 1,03+3 | 5,76+2 | 1,68+2 | 2,09+2 | 6,24+2 |
| 85 | 6,26+3 | 3,39+3 | 1,48+3 | 1,24+3 | 2,59+3 | 3,83+3 | 3,86+3 | 4,11+3 | 3,14+3 | 1,64+3 | 1,90+3 | 3,77+3 |
| 90 | 2,81+4 | 2,21+4 | 1,60+4 | 1,50+4 | 1,71+4 | 1,76+4 | 1,59+4 | 1,80+4 | 1,80+4 | 1,62+4 | 1,72+4 | 2,28+4 |
| 95 | 9,62+4 | 9,80+4 | 1,00+5 | 1,01+5 | 8,19+4 | 6,67+4 | 5,13+4 | 6,67+4 | 8,19+4 | 1,01+5 | 1,00+5 | 9,80+4 |
| 105 | 1,35+5 | 1,46+5 | 1,61+5 | 1,65+5 | 1,49+5 | 1,34+5 | 1,18+5 | 1,34+5 | 1,49+5 | 1,65+5 | 1,61+5 | 1,46+5 |

Таблица 319 — Ноябрь, $\bar{W}=10$, $\varphi=55^\circ$ с ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 18,1 | 16,7 | 19,7 |
| 45 | — | — | — | 3,19+0 | 4,23+0 | 3,55+0 | 2,96+0 | 3,12+0 | 3,09+0 | 1,42+0 | — | — |
| 50 | — | — | 1,94+0 | 2,32+1 | 2,99+1 | 2,43+1 | 1,96+1 | 2,11+1 | 2,19+1 | 1,03+1 | — | — |
| 53 | — | — | 5,32+0 | 5,11+1 | 6,67+1 | 5,48+1 | 4,48+1 | 4,75+1 | 4,88+1 | 2,28+1 | 1,16+C | — |
| 55 | — | — | 3,81+0 | 7,08+1 | 9,41+1 | 7,88+1 | 6,59+1 | 6,84+1 | 6,88+1 | 3,16+1 | 2,14+0 | — |
| 57 | 1,28+0 | — | 1,49+1 | 7,84+1 | 1,07+2 | 9,22+1 | 7,96+1 | 8,03+1 | 7,83+1 | 3,50+1 | 3,25+0 | — |
| 59 | 2,32+0 | — | 1,90+1 | 8,27+1 | 1,17+2 | 1,05+2 | 9,47+1 | 9,20+1 | 8,59+1 | 3,69+1 | 4,18+C | — |
| 61 | 4,23+0 | — | 2,11+1 | 8,54+1 | 1,27+2 | 1,19+2 | 1,13+2 | 1,05+2 | 9,32+1 | 3,82+1 | 4,68+0 | 1,06+0 |
| 63 | 7,72+0 | 1,32+0 | 2,31+1 | 6,27+1 | 9,85+1 | 9,91+1 | 9,93+1 | 9,01+1 | 7,33+1 | 2,82+1 | 5,24+0 | 2,04+0 |
| 65 | 1,41+1 | 2,63+0 | 2,26+1 | 3,58+1 | 6,05+1 | 6,73+1 | 6,95+1 | 6,55+1 | 4,68+1 | 1,64+1 | 5,40+0 | 3,95+0 |
| 67 | 2,56+1 | 5,24+0 | 1,64+1 | 2,71+1 | 4,60+1 | 5,33+1 | 4,97+1 | 5,53+1 | 3,82+1 | 1,30+1 | 4,66+0 | 7,65+0 |
| 69 | 4,67+1 | 1,05+1 | 1,25+1 | 2,11+1 | 3,85+1 | 4,95+1 | 4,21+1 | 5,46+1 | 3,82+1 | 1,12+1 | 5,22+0 | 1,48+1 |
| 71 | 8,51+1 | 2,09+1 | 1,20+1 | 1,73+1 | 4,19+1 | 6,99+1 | 6,41+1 | 8,04+1 | 4,65+1 | 1,16+1 | 8,14+0 | 2,87+1 |
| 73 | 1,55+2 | 4,16+1 | 1,39+1 | 1,63+1 | 5,66+1 | 1,22+2 | 1,27+2 | 1,43+2 | 7,34+1 | 1,54+1 | 1,50+1 | 5,55+1 |
| 75 | 2,82+2 | 8,31+1 | 2,10+1 | 1,98+1 | 1,00+2 | 2,77+2 | 3,69+2 | 3,24+2 | 1,42+2 | 2,58+1 | 2,98+1 | 1,07+2 |
| 80 | 1,27+3 | 4,67+2 | 1,23+2 | 9,50+1 | 3,52+2 | 7,35+2 | 8,24+2 | 8,28+2 | 4,85+2 | 1,48+2 | 1,85+2 | 5,60+2 |
| 85 | 5,67+3 | 3,11+3 | 1,38+3 | 1,16+3 | 2,26+3 | 3,12+3 | 2,88+3 | 3,34+3 | 2,74+3 | 1,54+3 | 1,77+3 | 3,46+3 |
| 90 | 2,54+4 | 2,08+4 | 1,58+4 | 1,49+4 | 1,57+4 | 1,51+4 | 1,24+4 | 1,54+4 | 1,66+4 | 1,61+4 | 1,69+4 | 2,14+4 |
| 95 | 8,73+4 | 9,27+4 | 1,01+5 | 1,02+5 | 8,08+4 | 6,39+4 | 4,74+4 | 6,39+4 | 8,08+4 | 1,02+5 | 1,01+5 | 9,27+4 |
| 105 | 1,23+5 | 1,38+5 | 1,62+5 | 1,67+5 | 1,52+5 | 1,38+5 | 1,23+5 | 1,38+5 | 1,52+5 | 1,67+5 | 1,62+5 | 1,38+5 |

Таблица 320 — Ноябрь, $\overline{W}=1,00$, $\varphi=55^\circ$ с ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | в t, ч | | | | | | | | | | | |
| | 0,0 | 4,3 | 7,1 | 7,9 | 8,6 | 9,5 | 12,0 | 14,5 | 15,3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 3,39+0 | 4,51+0 | 3,78+0 | 3,15+0 | 3,33+0 | 3,30+0 | 1,51+0 | — | — |
| 50 | — | — | 1,40+0 | 9,67+0 | 1,25+1 | 1,02+1 | 8,20+0 | 9,00+0 | 9,14+0 | 4,31+0 | — | — |
| 53 | — | — | 2,44+0 | 2,16+1 | 2,82+1 | 2,33+1 | 1,89+1 | 2,05+1 | 2,07+1 | 9,64+0 | — | — |
| 55 | — | — | 3,49+0 | 4,43+1 | 5,89+1 | 4,94+1 | 4,12+1 | 4,33+1 | 4,31+1 | 1,98+1 | — | — |
| 57 | 1,28+0 | — | 8,55+0 | 6,35+1 | 8,67+1 | 7,48+1 | 6,45+1 | 6,56+1 | 6,35+1 | 2,83+1 | 1,88+0 | — |
| 59 | 2,32+0 | — | 1,43+1 | 7,83+1 | 1,11+2 | 9,96+1 | 8,96+1 | 8,77+1 | 8,15+1 | 3,50+1 | 3,17+0 | — |
| 61 | 4,23+0 | — | 1,89+1 | 9,24+1 | 1,37+2 | 1,29+2 | 1,23+2 | 1,14+2 | 1,01+2 | 4,13+1 | 4,22+0 | 1,12+0 |
| 63 | 7,72+0 | 1,40+0 | 2,31+1 | 7,56+1 | 1,19+2 | 1,19+2 | 1,20+2 | 1,08+2 | 8,83+1 | 3,39+1 | 5,28+0 | 2,17+0 |
| 65 | 1,41+1 | 2,80+0 | 2,57+1 | 4,65+1 | 7,85+1 | 8,70+1 | 9,03+1 | 8,38+1 | 6,05+1 | 2,12+1 | 6,13+0 | 4,21+0 |
| 67 | 2,56+1 | 5,58+0 | 2,00+1 | 3,52+1 | 6,11+1 | 7,20+1 | 7,03+1 | 7,40+1 | 5,02+1 | 1,67+1 | 5,61+0 | 8,14+0 |
| 69 | 4,67+1 | 1,11+1 | 1,56+1 | 2,73+1 | 5,13+1 | 6,75+1 | 6,12+1 | 7,39+1 | 4,74+1 | 1,44+1 | 6,29+0 | 1,58+1 |
| 71 | 8,51+1 | 2,22+1 | 1,48+1 | 2,23+1 | 5,39+1 | 9,02+1 | 8,60+1 | 1,03+2 | 5,86+1 | 1,45+1 | 9,62+0 | 3,05+1 |
| 73 | 1,55+2 | 4,43+1 | 1,69+1 | 2,07+1 | 7,33+1 | 1,64+2 | 1,84+2 | 1,91+2 | 9,34+1 | 1,88+1 | 1,75+1 | 5,91+1 |
| 75 | 2,82+2 | 8,84+1 | 2,49+1 | 2,44+1 | 1,32+2 | 3,94+2 | 5,88+2 | 4,60+2 | 1,85+2 | 3,09+1 | 3,46+1 | 1,14+2 |
| 80 | 1,27+3 | 4,97+2 | 1,43+2 | 1,12+2 | 4,51+2 | 1,02+3 | 1,27+3 | 1,15+3 | 6,21+2 | 1,75+2 | 2,15+2 | 5,96+2 |
| 85 | 5,67+3 | 3,31+3 | 1,60+3 | 1,37+3 | 2,87+3 | 4,27+3 | 4,34+3 | 4,58+3 | 3,48+3 | 1,81+3 | 2,05+3 | 3,68+3 |
| 90 | 2,54+4 | 2,21+4 | 1,82+4 | 1,75+4 | 1,97+4 | 2,00+4 | 1,78+4 | 2,04+4 | 2,08+4 | 1,90+4 | 1,96+4 | 2,28+4 |
| 95 | 8,73+4 | 9,87+4 | 1,17+5 | 1,21+5 | 9,68+4 | 7,77+4 | 5,87+4 | 7,77+4 | 9,68+4 | 1,21+5 | 1,17+5 | 9,87+4 |
| 105 | 1,23+5 | 1,47+5 | 1,87+5 | 1,97+5 | 1,76+5 | 1,58+5 | 1,37+5 | 1,58+5 | 1,76+5 | 1,97+5 | 1,87+5 | 1,47+5 |

Таблица 321 — Ноябрь, $\overline{W}=10$, $\varphi=55^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80° | 85,0° | 90,0° | 95° | 120,0° |
| | μ f ч | | | | | | | | | | | |
| | 0,0 | 4 3 | 7,1 | 7 9 | 8,6 | 9,5 | 12,0 | 14 5 | 15 3 | 16,1 | 16,7 | 19,7 |
| 45 | — | — | — | 1,19+0 | 1,58+0 | 1,30+0 | 1,08+0 | 1,12+0 | 1,13+0 | — | — | — |
| 50 | — | — | — | 8,64+0 | 1,11+1 | 8,90+0 | 7,12+0 | 7,63+0 | 7,92+0 | 3,48+0 | — | — |
| 53 | — | — | 1,43+0 | 1,99+1 | 2,58+1 | 2,09+1 | 1,69+1 | 1,79+1 | 1,84+1 | 8,01+0 | — | — |
| 55 | — | — | 2,68+0 | 2,88+1 | 3,80+1 | 3,14+1 | 2,60+1 | 2,69+1 | 2,72+1 | 1,16+1 | — | — |
| 57 | — | — | 4,24+0 | 3,17+1 | 4,31+1 | 3,66+1 | 3,14+1 | 3,14+1 | 3,08+1 | 1,28+1 | — | — |
| 59 | — | — | 5,48+0 | 3,35+1 | 4,72+1 | 4,16+1 | 3,73+1 | 3,57+1 | 3,38+1 | 1,35+1 | 1,05+0 | — |
| 61 | — | — | 6,09+0 | 3,49+1 | 5,13+1 | 4,74+1 | 4,50+1 | 4,09+1 | 3,68+1 | 1,41+1 | 1,17+0 | — |
| 63 | — | — | 6,54+0 | 3,00+1 | 4,68+1 | 4,57+1 | 4,63+1 | 3,98+1 | 3,36+1 | 1,21+1 | 1,27+0 | — |
| 65 | — | — | 6,94+0 | 2,12+1 | 3,52+1 | 3,69+1 | 4,01+1 | 3,28+1 | 2,55+1 | 8,59+0 | 1,37+0 | — |
| 67 | — | — | 5,97+0 | 1,59+1 | 2,73+1 | 2,99+1 | 3,27+1 | 2,74+1 | 2,02+1 | 6,54+0 | 1,25+0 | — |
| 69 | — | — | 4,77+0 | 1,21+1 | 2,18+1 | 2,57+1 | 2,81+1 | 2,48+1 | 1,69+1 | 5,16+0 | 1,18+0 | — |
| 71 | 1,58+0 | — | 4,13+0 | 9,36+0 | 2,01+1 | 2,90+1 | 3,54+1 | 2,98+1 | 1,70+1 | 4,35+0 | 1,40+0 | 1,16+0 |
| 73 | 2,87+0 | 1,69+0 | 3,85+0 | 7,55+0 | 2,31+1 | 4,77+1 | 7,45+1 | 5,17+1 | 2,25+1 | 4,27+0 | 2,10+0 | 2,25+0 |
| 75 | 5,23+0 | 3,37+0 | 4,22+0 | 6,81+0 | 3,42+1 | 1,10+2 | 2,47+2 | 1,23+2 | 3,89+1 | 5,31+0 | 3,76+0 | 4,36+0 |
| 80 | 2,34+1 | 1,89+1 | 1,53+1 | 1,59+1 | 8,92+1 | 2,91+2 | 6,11+2 | 3,26+2 | 1,19+2 | 2,26+1 | 2,19+1 | 2,27+1 |
| 85 | 1,05+2 | 1,28+2 | 1,69+2 | 1,80+2 | 5,55+2 | 1,22+3 | 2,06+3 | 1,31+3 | 6,73+2 | 2,37+2 | 2,17+2 | 1,43+2 |
| 90 | 5,06+2 | 9,10+2 | 2,02+3 | 2,39+3 | 3,97+3 | 5,98+3 | 8,79+3 | 6,11+3 | 4,20+3 | 2,59+3 | 2,17+3 | 9,38+2 |
| 95 | 2,62+3 | 5,29+3 | 1,37+4 | 1,68+4 | 2,09+4 | 2,59+4 | 3,42+4 | 2,59+4 | 2,09+4 | 1,68+4 | 1,37+4 | 5,29+3 |
| 105 | 3,84+3 | 8,07+3 | 2,21+4 | 2,74+4 | 3,93+4 | 5,63+4 | 8,90+4 | 5,63+4 | 3,93+4 | 2,74+4 | 2,21+4 | 8,07+3 |

Т а б л и ц а 322 — Ноябрь, $\bar{W}=100$, $\varphi=55^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 143,5° | 120,0° | 95,0° | 90,0° | 85,0° | 80,0° | 73,5° | 80,0° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т. ч. | | | | | | | | | | | |
| | 0.0 | 4.3 | 7.1 | 7.9 | 8.6 | 9.5 | 12.0 | 14.5 | 15.3 | 16.1 | 16.7 | 19.7 |
| 45 | — | — | — | 1,25+0 | 1,65+0 | 1,36+0 | 1,13+0 | 1,17+0 | 1,18+0 | — | — | — |
| 50 | — | — | — | 3,62+0 | 4,65+0 | 3,74+0 | 2,99+0 | 3,23+0 | 3,33+0 | 1,46+0 | — | — |
| 53 | — | — | — | 8,85+0 | 1,15+1 | 9,32+0 | 7,54+0 | 8,02+0 | 8,21+0 | 3,56+0 | — | — |
| 55 | — | — | — | 1,88+1 | 2,48+1 | 2,05+1 | 1,70+1 | 1,76+1 | 1,77+1 | 7,57+0 | — | — |
| 57 | — | — | 2,55+0 | 2,61+1 | 3,55+1 | 3,01+1 | 2,58+1 | 2,59+1 | 2,54+1 | 1,05+1 | — | — |
| 59 | — | — | 4,23+0 | 3,19+1 | 4,48+1 | 3,95+1 | 3,55+1 | 3,40+1 | 3,21+1 | 1,28+1 | — | — |
| 61 | — | — | 5,51+0 | 3,76+1 | 5,53+1 | 5,11+1 | 4,85+1 | 4,41+1 | 3,97+1 | 1,51+1 | 1,06+0 | — |
| 63 | — | — | 6,53+0 | 3,59+1 | 5,59+1 | 5,47+1 | 5,54+1 | 4,75+1 | 4,02+1 | 1,45+1 | 1,27+0 | — |
| 65 | — | — | 7,82+0 | 2,74+1 | 4,55+1 | 4,77+1 | 5,19+1 | 4,22+1 | 3,30+1 | 1,11+1 | 1,55+0 | — |
| 67 | — | — | 7,26+0 | 2,06+1 | 3,60+1 | 4,01+1 | 4,51+1 | 3,66+1 | 2,66+1 | 8,45+0 | 1,51+0 | — |
| 69 | — | — | 6,00+0 | 1,57+1 | 2,86+1 | 3,40+1 | 3,84+1 | 3,26+1 | 2,20+1 | 6,63+0 | 1,45+0 | — |
| 71 | 1,58+0 | — | 5,17+0 | 1,21+1 | 2,61+1 | 3,77+1 | 4,72+1 | 3,83+1 | 2,18+1 | 5,54+0 | 1,68+0 | 1,23+0 |
| 73 | 2,87+0 | 1,79+0 | 4,76+0 | 9,68+0 | 3,04+1 | 6,43+1 | 1,07+2 | 6,91+1 | 2,90+1 | 5,32+0 | 2,46+0 | 2,38+0 |
| 75 | 5,23+0 | 3,56+0 | 5,12+0 | 8,60+0 | 4,56+1 | 1,56+2 | 3,93+2 | 1,74+2 | 5,08+1 | 6,44+0 | 4,34+0 | 4,61+0 |
| 80 | 2,34+1 | 2,00+1 | 1,77+1 | 1,88+1 | 1,10+2 | 3,92+2 | 9,01+2 | 4,38+2 | 1,49+2 | 2,64+1 | 2,51+1 | 2,40+1 |
| 85 | 1,05+2 | 1,36+2 | 1,93+2 | 2,09+2 | 6,89+2 | 1,62+3 | 2,98+3 | 1,74+3 | 8,35+2 | 2,75+2 | 2,47+2 | 1,51+2 |
| 90 | 5,06+2 | 9,63+2 | 2,31+3 | 2,78+3 | 4,87+3 | 7,73+3 | 1,22+4 | 7,89+3 | 5,14+3 | 3,01+3 | 2,48+3 | 9,92+2 |
| 95 | 2,62+3 | 5,59+3 | 1,57+4 | 1,95+4 | 2,44+4 | 3,07+4 | 4,09+4 | 3,07+4 | 2,44+4 | 1,95+4 | 1,57+4 | 5,59+3 |
| 105 | 3,84+3 | 8,54+3 | 2,53+4 | 3,18+4 | 4,47+4 | 6,28+4 | 9,69+4 | 6,28+4 | 4,47+4 | 3,18+4 | 2,53+4 | 8,54+3 |

Таблица 323 — Ноябрь, $\vec{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | н. л. ч. | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,15+0 | 1,47+0 | 1,15+0 | 1,36+0 | — | — | — |
| 50 | — | — | — | 8,33+0 | 1,02+1 | 7,59+0 | 9,46+0 | 4,74+0 | — | — |
| 53 | — | — | 1,46+0 | 1,90+1 | 2,37+1 | 1,79+1 | 2,19+1 | 1,08+1 | — | — |
| 55 | — | — | 2,73+0 | 2,73+1 | 3,48+1 | 2,73+1 | 3,23+1 | 1,55+1 | — | — |
| 57 | — | — | 4,29+0 | 3,01+1 | 4,00+1 | 3,29+1 | 3,70+1 | 1,71+1 | 1,09+C | — |
| 59 | — | — | 5,55+0 | 3,18+1 | 4,45+1 | 3,91+1 | 4,12+1 | 1,81+1 | 1,41+0 | — |
| 61 | — | — | 6,19+0 | 3,29+1 | 4,91+1 | 4,69+1 | 4,55+1 | 1,87+1 | 1,58+C | — |
| 63 | — | — | 6,68+0 | 2,79+1 | 4,50+1 | 4,75+1 | 4,18+1 | 1,59+1 | 1,72+C | — |
| 65 | — | — | 7,06+0 | 1,92+1 | 3,39+1 | 4,01+1 | 3,16+1 | 1,10+1 | 1,85+0 | — |
| 67 | 1,01+0 | — | 6,01+0 | 1,44+1 | 2,64+1 | 3,21+1 | 2,48+1 | 8,37+0 | 1,67+0 | — |
| 69 | 1,83+0 | — | 4,81+0 | 1,10+1 | 2,15+1 | 2,76+1 | 2,07+1 | 6,60+0 | 1,57+0 | 1,13+0 |
| 71 | 3,34+0 | 1,64+0 | 4,26+0 | 8,60+0 | 2,17+1 | 3,58+1 | 2,16+1 | 5,58+0 | 1,89+0 | 2,17+0 |
| 73 | 6,09+C | 3,24+0 | 4,14+0 | 7,12+0 | 2,87+1 | 7,50+1 | 3,03+1 | 5,48+0 | 2,86+C | 4,18+0 |
| 75 | 1,11+1 | 6,40+0 | 4,90+0 | 6,81+0 | 5,13+1 | 2,45+2 | 5,77+1 | 6,85+0 | 5,16+0 | 8,02+0 |
| 80 | 4,97+1 | 3,50+1 | 2,07+1 | 1,96+1 | 1,44+2 | 5,97+2 | 1,69+2 | 2,93+1 | 3,01+1 | 4,11+1 |
| 85 | 2,23+2 | 2,25+2 | 2,30+2 | 2,32+2 | 8,14+2 | 2,03+3 | 9,01+2 | 3,06+2 | 2,94+2 | 2,47+2 |
| 90 | 1,03+3 | 1,48+3 | 2,71+3 | 3,07+3 | 5,27+3 | 8,64+3 | 5,43+3 | 3,33+3 | 2,91+3 | 1,52+3 |
| 95 | 4,41+3 | 7,47+3 | 1,79+4 | 2,15+4 | 2,61+4 | 3,36+4 | 2,61+4 | 2,15+4 | 1,79+4 | 7,47+3 |
| 105 | 6,36+3 | 1,12+4 | 2,88+4 | 3,51+4 | 5,23+4 | 8,72+4 | 5,23+4 | 3,51+4 | 2,88+4 | 1,12+4 |

Т а б л и ц а 324 — Ноябрь, $\overline{W}=100$, $\varphi=60^\circ$ с ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90 0° | 85,0° | 78,5° | 85,0° | 90 0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0.0 | 4.0 | 7.5 | 8 3 | 9.3 | 12.0 | 14.6 | 15.6 | 16.3 | 19.8 |
| 45 | — | — | — | 1,21+0 | 1,54+0 | 1,20+0 | 1,43+0 | — | — | — |
| 50 | — | — | — | 3,49+0 | 4,28+0 | 3,18+0 | 3,97+0 | 1,99+0 | — | — |
| 53 | — | — | — | 8,38+0 | 1,04+1 | 7,89+0 | 9,66+0 | 4,77+0 | — | — |
| 55 | — | — | 1,01+0 | 1,77+1 | 2,25+1 | 1,76+1 | 2,09+1 | 1,00+1 | — | — |
| 57 | — | — | 2,57+0 | 2,47+1 | 3,28+1 | 2,70+1 | 3,04+1 | 1,41+1 | — | — |
| 59 | — | — | 4,27+0 | 3,02+1 | 4,22+1 | 3,71+1 | 3,92+1 | 1,72+1 | 1,09+0 | — |
| 61 | — | — | 5,60+0 | 3,55+1 | 5,29+1 | 5,06+1 | 4,91+1 | 2,02+1 | 1,43+0 | — |
| 63 | — | — | 6 67+0 | 3,34+1 | 5,39+1 | 5,69+1 | 5,01+1 | 1,91+1 | 1,72+0 | — |
| 65 | — | — | 7,95+0 | 2,49+1 | 4,40+1 | 5,20+1 | 4,10+1 | 1,42+1 | 2,08+0 | — |
| 67 | 1,01+0 | — | 7,30+0 | 1,87+1 | 3,52+1 | 4,45+1 | 3,31+1 | 1,08+1 | 2,02+0 | — |
| 69 | 1,83+0 | — | 6,04+0 | 1,43+1 | 2,86+1 | 3,79+1 | 2,73+1 | 8,51+0 | 1,93+0 | 1,19+0 |
| 71 | 3,34+0 | 1,73+0 | 5,31+0 | 1,11+1 | 2,83+1 | 4,79+1 | 2,80+1 | 7,12+0 | 2,27+0 | 2,28+0 |
| 73 | 6,09+0 | 3,41+0 | 5,10+0 | 9,11+0 | 3,83+1 | 1,08+2 | 4,00+1 | 6,85+0 | 3,35+0 | 4,39+0 |
| 75 | 1,11+1 | 6,73+0 | 5,90+0 | 8,54+0 | 7,05+1 | 3,89+2 | 7,86+1 | 8,32+0 | 5,95+0 | 8,43+0 |
| 80 | 4,97+1 | 3,68+1 | 2,38+1 | 2,31+1 | 1,87+2 | 8,85+2 | 2,20+2 | 3,42+1 | 3,44+1 | 4,32+1 |
| 85 | 2,23+2 | 2,37+2 | 2,63+2 | 2,69+2 | 1,04+3 | 2,94+3 | 1,15+3 | 3,55+2 | 3,36+2 | 2,60+2 |
| 90 | 1,03+3 | 1,56+3 | 3,09+3 | 3,57+3 | 6,63+3 | 1,20+4 | 6,83+3 | 3,87+3 | 3,32+3 | 1,60+3 |
| 95 | 4,41+3 | 7,85+3 | 2,04+4 | 2,50+4 | 3,08+4 | 4,03+4 | 3,08+4 | 2,50+4 | 2,04+4 | 7,85+3 |
| 105 | 6,36+3 | 1,18+4 | 3,29+4 | 4,08+4 | 5,91+4 | 9,53+4 | 5,91+4 | 4,08+4 | 3,29+4 | 1,18+4 |

Таблица 325 — Ноябрь, $\overline{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=165^\circ$

| h, км | Концентрация электронов N_{e^0} см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78 5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | h f, ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,07+0 | 1,37+0 | 1,07+0 | 1,26+0 | — | — | — |
| 50 | — | — | — | 7,75+0 | 9,48+0 | 7,03+0 | 8,77+0 | 4,35+0 | — | — |
| 53 | — | — | 1,23+0 | 1,79+1 | 2,22+1 | 1,68+1 | 2,05+1 | 1,00+1 | — | — |
| 55 | — | — | 2,31+0 | 2,59+1 | 3,30+1 | 2,58+1 | 3,06+1 | 1,45+1 | — | — |
| 57 | — | — | 3,67+0 | 2,86+1 | 3,79+1 | 3,11+1 | 3,51+1 | 1,60+1 | — | — |
| 59 | — | — | 4,76+0 | 3,02+1 | 4,22+1 | 3,70+1 | 3,90+1 | 1,69+1 | 1,18+0 | — |
| 61 | — | — | 5,32+0 | 3,15+1 | 4,68+1 | 4,46+1 | 4,34+1 | 1,77+1 | 1,33+0 | — |
| 63 | — | — | 5,74+0 | 2,72+1 | 4,38+1 | 4,61+1 | 4,06+1 | 1,53+1 | 1,44+0 | — |
| 65 | — | — | 6,14+0 | 1,93+1 | 3,41+1 | 4,02+1 | 3,16+1 | 1,09+1 | 1,56+0 | — |
| 67 | — | — | 5,34+0 | 1,45+1 | 2,67+1 | 3,30+1 | 2,50+1 | 8,25+0 | 1,43+0 | — |
| 69 | — | — | 4,31+0 | 1,11+1 | 2,17+1 | 2,83+1 | 2,06+1 | 6,44+0 | 1,31+0 | — |
| 71 | 1,34+0 | — | 3,76+0 | 8,55+0 | 2,12+1 | 3,53+1 | 2,07+1 | 5,30+0 | 1,48+0 | 1,07+0 |
| 73 | 2,44+0 | 1,59+0 | 3,54+0 | 6,92+0 | 2,74+1 | 7,46+1 | 2,82+1 | 4,94+0 | 2,11+0 | 2,05+0 |
| 75 | 4,44+0 | 3,14+0 | 3,92+0 | 6,28+0 | 4,75+1 | 2,49+2 | 5,21+1 | 5,72+0 | 3,65+0 | 3,93+0 |
| 80 | 1,99+1 | 1,72+1 | 1,45+1 | 1,51+1 | 1,25+2 | 6,16+2 | 1,46+2 | 2,19+1 | 2,07+1 | 2,01+1 |
| 85 | 8,93+1 | 1,11+2 | 1,59+2 | 1,72+2 | 6,94+2 | 2,08+3 | 7,69+2 | 2,27+2 | 2,03+2 | 1,22+2 |
| 90 | 4,35+2 | 7,55+2 | 1,89+3 | 2,29+3 | 4,51+3 | 8,85+3 | 4,65+3 | 2,48+3 | 2,02+3 | 7,76+2 |
| 95 | 2,38+3 | 4,49+3 | 1,29+4 | 1,60+4 | 2,24+4 | 3,45+4 | 2,24+4 | 1,60+4 | 1,29+4 | 4,49+3 |
| 105 | 3,50+3 | 6,84+3 | 2,07+4 | 2,62+4 | 4,48+4 | 8,96+4 | 4,48+4 | 2,62+4 | 2,07+4 | 6,84+3 |

Т а б л и ц а 326 — Ноябрь, $\overline{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=165^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,12+0 | 1,42+0 | 1,11+0 | 1,32+0 | — | — | — |
| 50 | — | — | — | 3,25+0 | 3,98+0 | 2,95+0 | 3,68+0 | 1,82+0 | — | — |
| 53 | — | — | — | 7,98+0 | 9,91+0 | 7,48+0 | 9,17+0 | 4,47+0 | — | — |
| 55 | — | — | — | 1,70+1 | 2,16+1 | 1,69+1 | 2,00+1 | 9,52+0 | — | — |
| 57 | — | — | 2,22+0 | 2,36+1 | 3,12+1 | 2,56+1 | 2,89+1 | 1,32+1 | — | — |
| 59 | — | — | 3,69+0 | 2,87+1 | 4,01+1 | 3,51+1 | 3,71+1 | 1,61+1 | — | — |
| 61 | — | — | 4,82+0 | 3,39+1 | 5,05+1 | 4,81+1 | 4,67+1 | 1,90+1 | 1,20+0 | — |
| 63 | — | — | 5,73+0 | 3,26+1 | 5,24+1 | 5,52+1 | 4,86+1 | 1,83+1 | 1,44+0 | — |
| 65 | — | — | 6,91+0 | 2,50+1 | 4,41+1 | 5,20+1 | 4,09+1 | 1,41+1 | 1,76+0 | — |
| 67 | — | — | 6,48+0 | 1,88+1 | 3,55+1 | 4,54+1 | 3,32+1 | 1,07+1 | 1,72+0 | — |
| 69 | — | — | 5,41+0 | 1,43+1 | 2,87+1 | 3,87+1 | 2,71+1 | 8,29+0 | 1,61+0 | — |
| 71 | 1,34+0 | — | 4,70+0 | 1,10+1 | 2,76+1 | 4,72+1 | 2,69+1 | 6,77+0 | 1,78+0 | 1,12+0 |
| 73 | 2,44+0 | 1,67+0 | 4,37+0 | 8,86+0 | 3,66+1 | 1,07+2 | 3,74+1 | 6,20+0 | 2,48+0 | 2,15+0 |
| 75 | 4,44+0 | 3,30+0 | 4,74+0 | 7,92+0 | 6,55+1 | 3,95+2 | 7,11+1 | 6,99+0 | 4,21+0 | 4,13+0 |
| 80 | 1,99+1 | 1,80+1 | 1,66+1 | 1,78+1 | 1,62+2 | 9,07+2 | 1,88+2 | 2,56+1 | 2,36+1 | 2,12+1 |
| 85 | 8,93+1 | 1,16+2 | 1,81+2 | 1,99+2 | 8,86+2 | 3,00+3 | 9,80+2 | 2,63+2 | 2,31+2 | 1,28+2 |
| 90 | 4,35+2 | 7,93+2 | 2,15+3 | 2,65+3 | 5,65+3 | 1,22+4 | 5,82+3 | 2,87+3 | 2,31+3 | 8,15+2 |
| 95 | 2,38+3 | 4,72+3 | 1,46+4 | 1,86+4 | 2,63+4 | 4,12+4 | 2,63+4 | 1,86+4 | 1,46+4 | 4,72+3 |
| 105 | 3,50+3 | 7,18+3 | 2,36+4 | 3,04+4 | 5,06+4 | 9,75+4 | 5,06+4 | 3,04+4 | 2,36+4 | 7,18+3 |

Таблица 327 — Ноябрь, $\overline{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 2,34+0 | 3,01+0 | 2,38+0 | 2,81+0 | 1,42+0 | — | — |
| 50 | — | — | 1,40+0 | 1,70+1 | 2,10+1 | 1,58+1 | 1,96+1 | 1,03+1 | — | — |
| 53 | — | — | 3,84+0 | 3,78+1 | 4,73+1 | 3,62+1 | 4,41+1 | 2,28+1 | 1,06+0 | — |
| 55 | — | — | 7,10+0 | 5,26+1 | 6,76+1 | 5,35+1 | 6,30+1 | 3,18+1 | 1,96+0 | — |
| 57 | — | — | 1,08+1 | 5,82+1 | 7,77+1 | 6,46+1 | 7,25+1 | 3,52+1 | 3,00+0 | — |
| 59 | 1,60+0 | — | 1,39+1 | 6,14+1 | 8,64+1 | 7,68+1 | 8,07+1 | 3,72+1 | 3,86+0 | — |
| 61 | 2,92+0 | — | 1,55+1 | 6,33+1 | 9,51+1 | 9,17+1 | 8,88+1 | 3,83+1 | 4,34+0 | — |
| 63 | 5,32+0 | 1,18+0 | 1,70+1 | 4,80+1 | 7,80+1 | 8,30+1 | 7,32+1 | 2,92+1 | 4,84+0 | 1,73+0 |
| 65 | 9,69+0 | 2,33+0 | 1,70+1 | 2,85+1 | 5,10+1 | 6,03+1 | 4,84+1 | 1,75+1 | 5,03+0 | 3,33+0 |
| 67 | 1,77+1 | 4,59+0 | 1,28+1 | 2,16+1 | 3,87+1 | 4,40+1 | 3,75+1 | 1,37+1 | 4,36+0 | 6,40+0 |
| 69 | 3,22+1 | 9,06+0 | 9,99+0 | 1,68+1 | 3,25+1 | 3,75+1 | 3,30+1 | 1,15+1 | 4,66+0 | 1,23+1 |
| 71 | 5,86+1 | 1,79+1 | 9,62+0 | 1,38+1 | 3,72+1 | 5,53+1 | 4,03+1 | 1,12+1 | 6,89+0 | 2,36+1 |
| 73 | 1,07+2 | 3,53+1 | 1,12+1 | 1,30+1 | 5,44+1 | 1,11+2 | 6,30+1 | 1,37+1 | 1,22+1 | 4,54+1 |
| 75 | 1,95+2 | 6,97+1 | 1,69+1 | 1,58+1 | 1,07+2 | 3,31+2 | 1,29+2 | 2,17+1 | 2,40+1 | 8,73+1 |
| 80 | 8,72+2 | 3,81+2 | 9,85+1 | 7,57+1 | 3,49+2 | 7,53+2 | 4,14+2 | 1,19+2 | 1,48+2 | 4,47+2 |
| 85 | 3,91+3 | 2,43+3 | 1,10+3 | 9,36+2 | 2,00+3 | 2,61+3 | 2,22+3 | 1,24+3 | 1,41+3 | 2,67+3 |
| 90 | 1,75+4 | 1,55+4 | 1,26+4 | 1,21+4 | 1,28+4 | 1,12+4 | 1,32+4 | 1,31+4 | 1,35+4 | 1,59+4 |
| 95 | 6,05+4 | 6,73+4 | 8,04+4 | 8,35+4 | 6,25+4 | 4,30+4 | 6,25+4 | 8,35+4 | 8,04+4 | 6,73+4 |
| 105 | 8,51+4 | 9,95+4 | 1,29+5 | 1,36+5 | 1,25+5 | 1,12+5 | 1,25+5 | 1,36+5 | 1,29+5 | 9,95+4 |

Т а б л и ц а 328 — Ноябрь, $\overline{W}=100$, $\varphi=60^\circ$ с ш, $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138 5° | 120,0° | 95,0° | 90° | 85,0° | 78 5° | 85 0° | 90° | 95 0° | 120,0° |
| | и / ч | | | | | | | | | |
| | 0 0 | 4,0 | 7 5 | 8,3 | 9 3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 2,49+0 | 3,20+0 | 2,53+0 | 2,98+0 | 1,50+0 | — | — |
| 50 | — | — | 1,01+0 | 7,11+0 | 8,77+0 | 6,59+0 | 8,18+0 | 4,30+0 | — | — |
| 53 | — | — | 1,78+0 | 1,61+1 | 2,01+1 | 1,54+1 | 1,88+1 | 9,71+0 | — | — |
| 55 | — | — | 2,56+0 | 3,31+1 | 4,25+1 | 3,36+1 | 3,97+1 | 2,00+1 | — | — |
| 57 | — | — | 6,29+0 | 4,72+1 | 6,31+1 | 5,24+1 | 5,89+1 | 2,86+1 | 1,75+0 | — |
| 59 | 1,60+0 | — | 1,05+1 | 5,82+1 | 8,19+1 | 7,27+1 | 7,65+1 | 3,52+1 | 2,94+0 | — |
| 61 | 2,92+0 | — | 1,39+1 | 6,85+1 | 1,03+2 | 9,92+1 | 9,62+1 | 4,15+1 | 3,92+0 | — |
| 63 | 5,32+0 | 1,24+0 | 1,70+1 | 5,78+1 | 9,39+1 | 9,99+1 | 8,81+1 | 3,51+1 | 4,86+0 | 1,83+0 |
| 65 | 9,69+0 | 2,46+0 | 1,92+1 | 3,70+1 | 6,63+1 | 7,85+1 | 6,28+1 | 2,27+1 | 5,70+0 | 3,52+0 |
| 67 | 1,77+1 | 4,85+0 | 1,56+1 | 2,80+1 | 5,19+1 | 6,21+1 | 5,02+1 | 1,77+1 | 5,25+0 | 6,76+0 |
| 69 | 3,22+1 | 9,56+0 | 1,25+1 | 2,17+1 | 4,38+1 | 5,37+1 | 4,41+1 | 1,47+1 | 5,63+0 | 1,30+1 |
| 71 | 5,86+1 | 1,89+1 | 1,19+1 | 1,77+1 | 4,82+1 | 7,42+1 | 5,17+1 | 1,40+1 | 8,15+0 | 2,50+1 |
| 73 | 1,07+2 | 3,72+1 | 1,35+1 | 1,64+1 | 7,19+1 | 1,60+2 | 8,25+1 | 1,68+1 | 1,43+1 | 4,79+1 |
| 75 | 1,95+2 | 7,35+1 | 2,00+1 | 1,94+1 | 1,46+2 | 5,26+2 | 1,75+2 | 2,60+1 | 2,78+1 | 9,21+1 |
| 80 | 8,72+2 | 4,02+2 | 1,14+2 | 8,94+1 | 4,60+2 | 1,15+3 | 5,45+2 | 1,40+2 | 1,71+2 | 4,72+2 |
| 85 | 3,91+3 | 2,56+3 | 1,27+3 | 1,10+3 | 2,61+3 | 3,97+3 | 2,90+3 | 1,45+3 | 1,63+3 | 2,81+3 |
| 90 | 1,75+4 | 1,63+4 | 1,45+4 | 1,42+4 | 1,64+4 | 1,60+4 | 1,68+4 | 1,54+4 | 1,56+4 | 1,68+4 |
| 95 | 6,05+4 | 7,10+4 | 9,27+4 | 9,81+4 | 7,50+4 | 5,30+4 | 7,50+4 | 9,81+4 | 9,27+4 | 7,10+4 |
| 105 | 8,51+4 | 1,06+5 | 1,49+5 | 1,60+5 | 1,43+5 | 1,24+5 | 1,43+5 | 1,60+5 | 1,49+5 | 1,06+5 |

Таблица 329 — Ноябрь, $\overline{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | н. л. ч. | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 2,96+0 | 3,84+0 | 3,09+0 | 3,61+0 | 1,99+0 | — | — |
| 50 | — | — | — | 2,16+1 | 2,69+1 | 2,06+1 | 2,53+1 | 1,45+1 | — | — |
| 53 | — | — | — | 4,93+0 | 4,68+1 | 5,91+1 | 4,60+1 | 5,55+1 | 3,14+1 | 1,59+0 |
| 55 | — | — | — | 9,00+0 | 6,35+1 | 8,23+1 | 6,62+1 | 7,74+1 | 4,27+1 | 2,91+0 |
| 57 | 1,18+0 | — | — | 1,34+1 | 7,03+1 | 9,47+1 | 8,01+1 | 8,91+1 | 4,72+1 | 4,33+0 |
| 59 | 2,15+0 | — | — | 1,71+1 | 7,42+1 | 1,05+2 | 9,53+1 | 9,91+1 | 4,99+1 | 5,54+0 |
| 61 | 3,91+0 | — | — | 1,90+1 | 7,29+1 | 1,11+2 | 1,08+2 | 1,04+2 | 4,90+1 | 6,20+0 |
| 63 | 7,13+0 | 1,45+0 | — | 2,07+1 | 4,99+1 | 8,20+1 | 8,87+1 | 7,75+1 | 3,37+1 | 6,83+0 |
| 65 | 1,30+1 | 2,86+0 | — | 1,92+1 | 2,62+1 | 4,75+1 | 5,71+1 | 4,56+1 | 1,79+1 | 6,56+0 |
| 67 | 2,37+1 | 5,64+0 | — | 1,31+1 | 1,99+1 | 3,56+1 | 4,04+1 | 3,50+1 | 1,40+1 | 5,06+0 |
| 69 | 4,31+1 | 1,11+1 | — | 9,73+0 | 1,55+1 | 2,95+1 | 3,27+1 | 3,04+1 | 1,18+1 | 5,11+0 |
| 71 | 7,86+1 | 2,20+1 | — | 9,49+0 | 1,29+1 | 4,00+1 | 6,88+1 | 4,39+1 | 1,14+1 | 7,45+0 |
| 73 | 1,43+2 | 4,33+1 | — | 1,13+1 | 1,24+1 | 5,70+1 | 1,26+2 | 6,68+1 | 1,41+1 | 1,31+1 |
| 75 | 2,61+2 | 8,55+1 | — | 1,75+1 | 1,55+1 | 1,05+2 | 3,08+2 | 1,27+2 | 2,23+1 | 2,56+1 |
| 80 | 1,17+3 | 4,68+2 | — | 1,04+2 | 7,76+1 | 3,23+2 | 6,06+2 | 3,83+2 | 1,22+2 | 1,57+2 |
| 85 | 5,24+3 | 2,91+3 | — | 1,10+3 | 8,94+2 | 1,82+3 | 2,21+3 | 2,01+3 | 1,18+3 | 1,40+3 |
| 90 | 2,35+4 | 1,81+4 | — | 1,17+4 | 1,07+4 | 1,12+4 | 9,66+3 | 1,15+4 | 1,16+4 | 1,26+4 |
| 95 | 8,07+4 | 7,76+4 | — | 7,28+4 | 7,18+4 | 5,31+4 | 3,60+4 | 5,31+4 | 7,18+4 | 7,28+4 |
| 105 | 1,14+5 | 1,15+5 | — | 1,17+5 | 1,17+5 | 1,06+5 | 9,27+4 | 1,06+5 | 1,17+5 | 1,17+5 |

Таблица 330 — Ноябрь, $\overline{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 3,18+0 | 4,13+0 | 3,32+0 | 3,88+0 | 2,14+0 | — | — |
| 50 | — | — | 1,32+0 | 9,00+0 | 1,12+1 | 8,56+0 | 1,05+1 | 6,05+0 | — | — |
| 53 | — | — | 2,27+0 | 1,93+1 | 2,44+1 | 1,90+1 | 2,29+1 | 1,30+1 | — | — |
| 55 | — | — | 3,17+0 | 3,89+1 | 5,05+1 | 4,06+1 | 4,75+1 | 2,61+1 | 1,03+0 | — |
| 57 | 1,18+0 | — | 7,58+0 | 5,65+1 | 7,62+1 | 6,44+1 | 7,16+1 | 3,80+1 | 2,46+0 | — |
| 59 | 2,15+0 | — | 1,28+1 | 7,01+1 | 9,96+1 | 9,00+1 | 9,38+1 | 4,72+1 | 4,16+0 | — |
| 61 | 3,91+0 | — | 1,70+1 | 7,90+1 | 1,20+2 | 1,18+2 | 1,13+2 | 5,32+1 | 5,57+0 | 1,18+0 |
| 63 | 7,13+0 | 1,54+0 | 2,07+1 | 6,01+1 | 9,87+1 | 1,07+2 | 9,33+1 | 4,06+1 | 6,88+0 | 2,26+0 |
| 65 | 1,30+1 | 3,04+0 | 2,18+1 | 3,38+1 | 6,12+1 | 7,36+1 | 5,86+1 | 2,31+1 | 7,46+0 | 4,35+0 |
| 67 | 2,37+1 | 6,00+0 | 1,59+1 | 2,56+1 | 4,76+1 | 5,69+1 | 4,67+1 | 1,80+1 | 6,11+0 | 8,36+0 |
| 69 | 4,31+1 | 1,18+1 | 1,21+1 | 1,99+1 | 4,22+1 | 5,41+1 | 4,32+1 | 1,50+1 | 6,21+0 | 1,61+1 |
| 71 | 7,86+1 | 2,34+1 | 1,17+1 | 1,64+1 | 5,19+1 | 9,28+1 | 5,67+1 | 1,44+1 | 8,92+0 | 3,09+1 |
| 73 | 1,43+2 | 4,61+1 | 1,37+1 | 1,56+1 | 7,58+1 | 1,83+2 | 8,84+1 | 1,74+1 | 1,55+1 | 5,93+1 |
| 75 | 2,61+2 | 9,10+1 | 2,09+1 | 1,92+1 | 1,44+2 | 4,94+2 | 1,74+2 | 2,72+1 | 3,02+1 | 1,14+2 |
| 80 | 1,17+3 | 4,98+2 | 1,23+2 | 9,36+1 | 4,43+2 | 9,81+2 | 5,26+2 | 1,47+2 | 1,85+2 | 5,84+2 |
| 85 | 5,24+3 | 3,09+3 | 1,29+3 | 1,08+3 | 2,47+3 | 3,53+3 | 2,74+3 | 1,42+3 | 1,65+3 | 3,40+3 |
| 90 | 2,35+4 | 1,92+4 | 1,38+4 | 1,29+4 | 1,49+4 | 1,46+4 | 1,53+4 | 1,39+4 | 1,48+4 | 1,98+4 |
| 95 | 8,07+4 | 8,26+4 | 8,57+4 | 8,64+4 | 6,60+4 | 4,67+4 | 6,60+4 | 8,64+4 | 8,57+4 | 8,26+4 |
| 105 | 1,14+5 | 1,22+5 | 1,37+5 | 1,41+5 | 1,25+5 | 1,07+5 | 1,25+5 | 1,41+5 | 1,37+5 | 1,22+5 |

Таблица 331 — Ноябрь, $\overline{W} = 10$, $\varphi = 60^\circ$ с ш, $\lambda = 285^\circ$

| h , км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|----------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,66+0 | 2,17+0 | 1,76+0 | 2,04+0 | 1,17+0 | — | — |
| 50 | — | — | — | 1,22+1 | 1,52+1 | 1,17+1 | 1,43+1 | 8,58+0 | — | — |
| 53 | — | — | 2,47+0 | 2,62+1 | 3,33+1 | 2,61+1 | 3,13+1 | 1,85+1 | — | — |
| 55 | — | — | 4,49+0 | 3,54+1 | 4,61+1 | 3,74+1 | 4,34+1 | 2,50+1 | 1,56+0 | — |
| 57 | — | — | 6,65+0 | 3,92+1 | 5,31+1 | 4,53+1 | 5,00+1 | 2,76+1 | 2,32+0 | — |
| 59 | — | — | 8,47+0 | 4,13+1 | 5,90+1 | 5,38+1 | 5,56+1 | 2,92+1 | 2,95+0 | — |
| 61 | — | — | 9,42+0 | 3,84+1 | 5,85+1 | 5,80+1 | 5,52+1 | 2,71+1 | 3,30+0 | — |
| 63 | 1,43+0 | — | 9,95+0 | 2,66+1 | 4,39+1 | 4,79+1 | 4,15+1 | 1,88+1 | 3,51+0 | — |
| 65 | 2,61+0 | — | 9,08+0 | 1,43+1 | 2,59+1 | 3,15+1 | 2,47+1 | 1,02+1 | 3,27+0 | — |
| 67 | 4,76+0 | 1,36+0 | 6,23+0 | 1,08+1 | 1,96+1 | 2,34+1 | 1,91+1 | 7,82+0 | 2,42+0 | 1,89+0 |
| 69 | 8,67+0 | 2,68+0 | 4,59+0 | 8,31+0 | 1,59+1 | 1,88+1 | 1,59+1 | 6,32+0 | 2,20+0 | 3,63+0 |
| 71 | 1,58+1 | 5,28+0 | 4,26+0 | 6,68+0 | 2,28+1 | 4,98+1 | 2,42+1 | 5,65+0 | 2,84+0 | 6,98+0 |
| 73 | 2,88+1 | 1,04+1 | 4,61+0 | 5,96+0 | 3,00+1 | 8,63+1 | 3,40+1 | 6,14+0 | 4,56+0 | 1,34+1 |
| 75 | 5,24+1 | 2,06+1 | 6,40+0 | 6,62+0 | 4,96+1 | 1,89+2 | 5,88+1 | 8,65+0 | 8,52+0 | 2,58+1 |
| 80 | 2,35+2 | 1,12+2 | 3,41+1 | 2,73+1 | 1,39+2 | 3,40+2 | 1,65+2 | 4,26+1 | 5,09+1 | 1,32+2 |
| 85 | 1,05+3 | 6,89+2 | 3,42+2 | 2,95+2 | 7,68+2 | 1,28+3 | 8,50+2 | 3,90+2 | 4,37+2 | 7,56+2 |
| 90 | 4,75+3 | 4,24+3 | 3,51+3 | 3,38+3 | 4,62+3 | 5,64+3 | 4,76+3 | 3,66+3 | 3,77+3 | 4,36+3 |
| 95 | 1,71+4 | 1,86+4 | 2,16+4 | 2,23+4 | 2,15+4 | 2,07+4 | 2,15+4 | 2,23+4 | 2,16+4 | 1,86+4 |
| 105 | 2,41+4 | 2,76+4 | 3,46+4 | 3,63+4 | 4,29+4 | 5,31+4 | 4,29+4 | 3,63+4 | 3,46+4 | 2,76+4 |

Т а б л и ц а 332 — Ноябрь, $\overline{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120 0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и / ч | | | | | | | | | |
| | 0.0 | 4.0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,80+0 | 2,34+0 | 1,90+0 | 2,21+0 | 1,27+0 | — | — |
| 50 | — | — | — | 5,06+0 | 6,34+0 | 4,88+0 | 5,97+0 | 3,57+0 | — | — |
| 53 | — | — | 1,14+0 | 1,07+1 | 1,36+1 | 1,07+1 | 1,29+1 | 7,58+0 | — | — |
| 55 | — | — | 1,57+0 | 2,16+1 | 2,81+1 | 2,28+1 | 2,65+1 | 1,52+1 | — | — |
| 57 | — | — | 3,75+0 | 3,14+1 | 4,26+1 | 3,63+1 | 4,01+1 | 2,22+1 | 1,31+0 | — |
| 59 | — | — | 6,32+0 | 3,91+1 | 5,58+1 | 5,08+1 | 5,26+1 | 2,76+1 | 2,21+0 | — |
| 61 | — | — | 8,42+0 | 4,16+1 | 6,34+1 | 6,28+1 | 5,98+1 | 2,94+1 | 2,95+0 | — |
| 63 | 1,43+0 | — | 9,98+0 | 3,19+1 | 5,26+1 | 5,75+1 | 4,98+1 | 2,26+1 | 3,53+0 | — |
| 65 | 2,61+0 | — | 1,03+1 | 1,82+1 | 3,30+1 | 4,02+1 | 3,14+1 | 1,30+1 | 3,70+0 | 1,05+0 |
| 67 | 4,76+0 | 1,45+0 | 7,53+0 | 1,37+1 | 2,60+1 | 3,26+1 | 2,52+1 | 9,95+0 | 2,92+0 | 2,02+0 |
| 69 | 8,67+0 | 2,86+0 | 5,67+0 | 1,06+1 | 2,35+1 | 3,41+1 | 2,35+1 | 8,02+0 | 2,69+0 | 3,88+0 |
| 71 | 1,58+1 | 5,64+0 | 5,24+0 | 8,48+0 | 2,97+1 | 6,75+1 | 3,14+1 | 7,13+0 | 3,43+0 | 7,46+0 |
| 73 | 2,88+1 | 1,11+1 | 5,63+0 | 7,52+0 | 4,02+1 | 1,27+2 | 4,53+1 | 7,67+0 | 5,48+0 | 1,43+1 |
| 75 | 5,24+1 | 2,20+1 | 7,73+0 | 8,26+0 | 6,87+1 | 3,03+2 | 8,13+1 | 1,07+1 | 1,02+1 | 2,75+1 |
| 80 | 2,35+2 | 1,20+2 | 4,07+1 | 3,34+1 | 1,95+2 | 5,71+2 | 2,31+2 | 5,20+1 | 6,07+1 | 1,41+2 |
| 85 | 1,05+3 | 7,36+2 | 4,07+2 | 3,60+2 | 1,07+3 | 2,12+3 | 1,18+3 | 4,75+2 | 5,21+2 | 8,08+2 |
| 90 | 4,75+3 | 4,53+3 | 4,19+3 | 4,12+3 | 6,28+3 | 8,80+3 | 6,47+3 | 4,46+3 | 4,49+3 | 4,65+3 |
| 95 | 1,71+4 | 1,99+4 | 2,57+4 | 2,72+4 | 2,74+4 | 2,77+4 | 2,74+4 | 2,72+4 | 2,57+4 | 1,99+4 |
| 105 | 2,41+4 | 2,95+4 | 4,13+4 | 4,43+4 | 5,16+4 | 6,28+4 | 5,16+4 | 4,43+4 | 4,13+4 | 2,95+4 |

Таблица 333 — Ноябрь, $\bar{W}=10$, $\varphi=60^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138 5° | 120,0° | 95 0° | 90 0° | 85,0° | 78,5° | 85,0° | 90 0° | 95,0° | 120,0° |
| | н т ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 3,72+0 | 4,81+0 | 3,86+0 | 4,52+0 | 2,43+0 | — | — |
| 50 | — | — | 2,31+0 | 2,71+1 | 3,37+1 | 2,56+1 | 3,16+1 | 1,78+1 | — | — |
| 53 | — | — | 6,31+0 | 5,90+1 | 7,44+1 | 5,76+1 | 6,98+1 | 3,86+1 | 1,96+0 | — |
| 55 | — | — | 1,15+1 | 8,04+1 | 1,04+2 | 8,34+1 | 9,77+1 | 5,26+1 | 3,59+0 | — |
| 57 | 1,76+0 | — | 1,73+1 | 8,90+1 | 1,20+2 | 1,01+2 | 1,12+2 | 5,83+1 | 5,36+0 | — |
| 59 | 3,21+0 | — | 2,20+1 | 9,40+1 | 1,33+2 | 1,20+2 | 1,25+2 | 6,15+1 | 6,87+0 | — |
| 61 | 5,84+0 | 1,07+C | 2,45+1 | 9,48+1 | 1,43+2 | 1,40+2 | 1,35+2 | 6,21+1 | 7,69+0 | 1,61+0 |
| 63 | 1,06+1 | 2,11+0 | 2,71+1 | 6,50+1 | 1,06+2 | 1,15+2 | 1,01+2 | 4,27+1 | 8,60+0 | 3,10+0 |
| 65 | 1,94+1 | 4,16+0 | 2,54+1 | 3,41+1 | 6,16+1 | 7,36+1 | 5,91+1 | 2,27+1 | 8,39+0 | 5,96+0 |
| 67 | 3,53+1 | 8,21+0 | 1,73+1 | 2,59+1 | 4,60+1 | 5,13+1 | 4,52+1 | 1,78+1 | 6,55+0 | 1,15+1 |
| 69 | 6,44+1 | 1,62+1 | 1,29+1 | 2,02+1 | 3,85+1 | 4,21+1 | 3,97+1 | 1,51+1 | 6,79+0 | 2,20+1 |
| 71 | 1,17+2 | 3,20+1 | 1,27+1 | 1,69+1 | 4,97+1 | 7,84+1 | 5,48+1 | 1,49+1 | 1,01+1 | 4,23+1 |
| 73 | 2,14+2 | 6,31+1 | 1,53+1 | 1,64+1 | 7,22+1 | 1,47+2 | 8,50+1 | 1,88+1 | 1,81+1 | 8,13+1 |
| 75 | 3,90+2 | 1,25+2 | 2,41+1 | 2,09+1 | 1,37+2 | 3,81+2 | 1,66+2 | 3,03+1 | 3,56+1 | 1,56+2 |
| 80 | 1,75+3 | 6,81+2 | 1,46+2 | 1,07+2 | 4,33+2 | 7,81+2 | 5,14+2 | 1,69+2 | 2,19+2 | 7,99+2 |
| 85 | 7,82+3 | 4,27+3 | 1,56+3 | 1,26+3 | 2,45+3 | 2,81+3 | 2,72+3 | 1,67+3 | 2,00+3 | 4,68+3 |
| 90 | 3,51+4 | 2,67+4 | 1,70+4 | 1,55+4 | 1,53+4 | 1,22+4 | 1,57+4 | 1,68+4 | 1,83+4 | 2,74+4 |
| 95 | 1,20+5 | 1,15+5 | 1,06+5 | 1,05+5 | 7,30+4 | 4,59+4 | 7,30+4 | 1,05+5 | 1,06+5 | 1,15+5 |
| 105 | 1,69+5 | 1,69+5 | 1,71+5 | 1,71+5 | 1,46+5 | 1,18+5 | 1,46+5 | 1,71+5 | 1,71+5 | 1,69+5 |

Таблица 334 — Ноябрь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 3,99+0 | 5,17+0 | 4,14+0 | 4,85+0 | 2,61+0 | — | — |
| 50 | — | — | 1,68+0 | 1,13+1 | 1,41+1 | 1,07+1 | 1,32+1 | 7,40+0 | — | — |
| 53 | — | — | 2,91+0 | 2,45+1 | 3,09+1 | 2,39+1 | 2,90+1 | 1,60+1 | — | — |
| 55 | — | — | 4,08+0 | 4,95+1 | 6,41+1 | 5,13+1 | 6,02+1 | 3,24+1 | 1,28+0 | — |
| 57 | 1,76+0 | — | 9,82+0 | 7,17+1 | 9,65+1 | 8,12+1 | 9,06+1 | 4,69+1 | 3,07+0 | — |
| 59 | 3,21+0 | — | 1,65+1 | 8,89+1 | 1,26+2 | 1,13+2 | 1,18+2 | 5,82+1 | 5,17+0 | — |
| 61 | 5,84+0 | 1,13+0 | 2,20+1 | 1,03+2 | 1,55+2 | 1,52+2 | 1,46+2 | 6,73+1 | 6,92+0 | 1,71+0 |
| 63 | 1,06+1 | 2,24+0 | 2,71+1 | 7,83+1 | 1,28+2 | 1,38+2 | 1,21+2 | 5,15+1 | 8,66+0 | 3,29+0 |
| 65 | 1,94+1 | 4,42+0 | 2,88+1 | 4,41+1 | 7,96+1 | 9,52+1 | 7,62+1 | 2,93+1 | 9,53+0 | 6,32+0 |
| 67 | 3,53+1 | 8,71+0 | 2,10+1 | 3,34+1 | 6,17+1 | 7,26+1 | 6,05+1 | 2,29+1 | 7,90+0 | 1,22+1 |
| 69 | 6,44+1 | 1,72+1 | 1,61+1 | 2,61+1 | 5,39+1 | 6,66+1 | 5,53+1 | 1,93+1 | 8,23+0 | 2,33+1 |
| 71 | 1,17+2 | 3,39+1 | 1,57+1 | 2,16+1 | 6,44+1 | 1,06+2 | 7,06+1 | 1,88+1 | 1,21+1 | 4,49+1 |
| 73 | 2,14+2 | 6,70+1 | 1,86+1 | 2,07+1 | 9,58+1 | 2,14+2 | 1,12+2 | 2,32+1 | 2,14+1 | 8,62+1 |
| 75 | 3,90+2 | 1,32+2 | 2,87+1 | 2,58+1 | 1,87+2 | 6,10+2 | 2,27+2 | 3,68+1 | 4,18+1 | 1,66+2 |
| 80 | 1,75+3 | 7,23+2 | 1,71+2 | 1,28+2 | 5,88+2 | 1,24+3 | 6,97+2 | 2,02+2 | 2,57+2 | 8,48+2 |
| 85 | 7,82+3 | 4,53+3 | 1,83+3 | 1,51+3 | 3,30+3 | 4,40+3 | 3,66+3 | 2,00+3 | 2,34+3 | 4,97+3 |
| 90 | 3,51+4 | 2,83+4 | 1,99+4 | 1,85+4 | 2,01+4 | 1,82+4 | 2,07+4 | 2,00+4 | 2,14+4 | 2,91+4 |
| 95 | 1,20+5 | 1,22+5 | 1,25+5 | 1,25+5 | 8,99+4 | 5,87+4 | 8,99+4 | 1,25+5 | 1,25+5 | 1,22+5 |
| 105 | 1,69+5 | 1,80+5 | 2,00+5 | 2,04+5 | 1,71+5 | 1,36+5 | 1,71+5 | 2,04+5 | 2,00+5 | 1,80+5 |

Т а б л и ц а 335 — Ноябрь, $\bar{W}=10$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138 5° | 120 0° | 95 0° | 90 0° | 85 0° | 78,5° | 85 0° | 90 0° | 95,0° | 120 0° |
| | и т ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,76+0 | 2,26+0 | 1,78+0 | 2,10+0 | 1,04+0 | — | — |
| 50 | — | — | 1,01+0 | 1,28+1 | 1,57+1 | 1,18+1 | 1,47+1 | 7,58+0 | — | — |
| 53 | — | — | 2,77+0 | 2,86+1 | 3,57+1 | 2,72+1 | 3,32+1 | 1,69+1 | — | — |
| 55 | — | — | 5,12+0 | 4,01+1 | 5,14+1 | 4,05+1 | 4,78+1 | 2,38+1 | — | — |
| 57 | — | — | 7,87+0 | 4,43+1 | 5,91+1 | 4,90+1 | 5,50+1 | 2,63+1 | 1,38+0 | — |
| 59 | — | — | 1,01+1 | 4,68+1 | 6,57+1 | 5,82+1 | 6,12+1 | 2,78+1 | 2,12+0 | — |
| 61 | 1,53+0 | — | 1,13+1 | 4,81+1 | 7,21+1 | 6,94+1 | 6,72+1 | 2,78+1 | 2,74+0 | — |
| 63 | 2,80+0 | — | 1,23+1 | 3,80+1 | 6,16+1 | 6,53+1 | 5,76+1 | 2,26+1 | 3,07+0 | — |
| 65 | 5,09+0 | 1,34+0 | 1,25+1 | 2,37+1 | 4,23+1 | 5,00+1 | 4,00+1 | 1,43+1 | 3,40+0 | — |
| 67 | 9,28+0 | 2,64+0 | 9,88+0 | 1,79+1 | 3,23+1 | 3,75+1 | 3,11+1 | 1,11+1 | 3,59+0 | 1,92+0 |
| 69 | 1,69+1 | 5,21+0 | 7,78+0 | 1,39+1 | 2,70+1 | 3,21+1 | 2,70+1 | 9,17+0 | 3,19+0 | 3,68+0 |
| 71 | 3,08+1 | 1,03+1 | 7,34+0 | 1,13+1 | 2,99+1 | 4,57+1 | 3,18+1 | 8,63+0 | 3,35+0 | 7,08+0 |
| 73 | 5,62+1 | 2,03+1 | 8,20+0 | 1,03+1 | 4,29+1 | 9,30+1 | 4,89+1 | 1,02+1 | 4,78+0 | 1,36+1 |
| 75 | 1,02+2 | 4,01+1 | 1,18+1 | 1,19+1 | 8,36+1 | 2,86+2 | 9,98+1 | 1,54+1 | 8,31+0 | 2,61+1 |
| 80 | 4,59+2 | 2,19+2 | 6,60+1 | 5,26+1 | 2,69+2 | 6,66+2 | 3,18+2 | 8,21+1 | 1,61+1 | 5,02+1 |
| 85 | 2,06+3 | 1,40+3 | 7,44+2 | 6,51+2 | 1,54+3 | 2,29+3 | 1,71+3 | 8,61+2 | 1,61+1 | 2,57+2 |
| 90 | 9,24+3 | 8,98+3 | 8,58+3 | 8,50+3 | 9,90+3 | 9,83+3 | 1,02+4 | 9,20+3 | 9,88+1 | 1,54+3 |
| 95 | 3,23+4 | 3,95+4 | 5,50+4 | 5,90+4 | 4,86+4 | 3,78+4 | 4,86+4 | 5,90+4 | 9,21+3 | 9,23+3 |
| 105 | 4,55+4 | 5,84+4 | 8,83+4 | 9,63+4 | 9,71+4 | 9,81+4 | 9,71+4 | 9,63+4 | 5,50+4 | 3,95+4 |
| | | | | | | | | | 8,83+4 | 5,84+4 |

Таблица 336 — Ноябрь, $\bar{W}=100$, $\varphi=60^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 138,5° | 120,0° | 95,0° | 90,0° | 85,0° | 78,5° | 85,0° | 90,0° | 95,0° | 120,0° |
| | и т ч | | | | | | | | | |
| | 0,0 | 4,0 | 7,5 | 8,3 | 9,3 | 12,0 | 14,6 | 15,6 | 16,3 | 19,8 |
| 45 | — | — | — | 1,86+0 | 2,39+0 | 1,83+0 | 2,22+0 | 1,11+0 | — | — |
| 50 | — | — | — | 5,34+0 | 6,58+0 | 4,92+0 | 6,13+0 | 3,17+0 | — | — |
| 53 | — | — | 1,28+0 | 1,23+1 | 1,53+1 | 1,17+1 | 1,43+1 | 7,27+0 | — | — |
| 55 | — | — | 1,86+0 | 2,54+1 | 3,26+1 | 2,57+1 | 3,03+1 | 1,51+1 | — | — |
| 57 | — | — | 4,61+0 | 3,61+1 | 4,81+1 | 3,58+1 | 4,48+1 | 2,14+1 | 1,25+0 | — |
| 59 | — | — | 7,71+0 | 4,44+1 | 6,23+1 | 5,70+1 | 5,81+1 | 2,63+1 | 2,09+0 | — |
| 61 | 1,53+0 | — | 1,02+1 | 5,20+1 | 7,80+1 | 7,50+1 | 7,27+1 | 3,09+1 | 2,78+0 | — |
| 63 | 2,80+0 | — | 1,23+1 | 4,57+1 | 7,41+1 | 7,85+1 | 6,93+1 | 2,72+1 | 3,41+0 | 1,05+0 |
| 65 | 5,09+0 | 1,41+0 | 1,42+1 | 3,03+1 | 5,50+1 | 6,51+1 | 5,19+1 | 1,85+1 | 4,06+0 | 2,02+0 |
| 67 | 9,28+0 | 2,78+0 | 1,20+1 | 2,33+1 | 4,34+1 | 5,27+1 | 4,16+1 | 1,43+1 | 3,85+0 | 3,88+0 |
| 69 | 1,69+1 | 5,49+0 | 9,76+0 | 1,80+1 | 3,62+1 | 4,53+1 | 3,59+1 | 1,18+1 | 4,05+0 | 7,46+0 |
| 71 | 3,08+1 | 1,08+1 | 9,11+0 | 1,45+1 | 3,88+1 | 6,13+1 | 4,09+1 | 1,09+1 | 5,66+0 | 1,43+1 |
| 73 | 5,62+1 | 2,14+1 | 9,96+0 | 1,30+1 | 5,68+1 | 1,34+2 | 6,41+1 | 1,25+1 | 9,68+0 | 2,75+1 |
| 75 | 1,02+2 | 4,22+1 | 1,40+1 | 1,46+1 | 1,14+2 | 4,55+2 | 1,35+2 | 1,85+1 | 1,86+1 | 5,29+1 |
| 80 | 4,59+2 | 2,31+2 | 7,61+1 | 6,20+1 | 3,52+2 | 1,01+3 | 4,17+2 | 9,63+1 | 1,14+2 | 2,71+2 |
| 85 | 2,06+3 | 1,48+3 | 8,55+2 | 7,63+2 | 2,00+3 | 3,40+3 | 2,21+3 | 1,01+3 | 1,09+3 | 1,62+3 |
| 90 | 9,24+3 | 9,47+3 | 9,86+3 | 9,95+3 | 1,26+4 | 1,39+4 | 1,30+4 | 1,08+4 | 1,06+4 | 9,72+3 |
| 95 | 3,23+4 | 4,16+4 | 6,32+4 | 6,91+4 | 5,79+4 | 4,62+4 | 5,79+4 | 6,91+4 | 6,32+4 | 4,16+4 |
| 105 | 4,55+4 | 6,15+4 | 1,01+5 | 1,13+5 | 1,11+5 | 1,09+5 | 1,11+5 | 1,13+5 | 1,01+5 | 6,15+4 |

Таблица 337 — Ноябрь, $\overline{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и f_oF_2 , ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,75+0 | 2,49+0 | 1,20+0 | — | — |
| 50 | — | — | 1,03+0 | 1,27+1 | 1,76+1 | 8,70+0 | — | — |
| 53 | — | — | 2,81+0 | 2,83+1 | 3,96+1 | 1,94+1 | — | — |
| 55 | — | — | 5,20+0 | 3,96+1 | 5,64+1 | 2,71+1 | 1,58+0 | — |
| 57 | — | — | 7,98+0 | 4,38+1 | 6,41+1 | 3,00+1 | 2,43+0 | — |
| 59 | 1,12+0 | — | 1,03+1 | 4,62+1 | 7,02+1 | 3,16+1 | 3,15+0 | — |
| 61 | 2,05+0 | — | 1,16+1 | 4,76+1 | 7,57+1 | 3,26+1 | 3,56+0 | — |
| 63 | 3,73+0 | 1,12+C | 1,27+1 | 3,69+1 | 6,23+1 | 2,53+1 | 3,97+0 | 1,54+0 |
| 65 | 6,79+0 | 2,18+C | 1,29+1 | 2,26+1 | 4,13+1 | 1,56+1 | 4,19+0 | 2,94+0 |
| 67 | 1,24+1 | 4,25+0 | 1,01+1 | 1,71+1 | 3,24+1 | 1,20+1 | 3,72+0 | 5,59+0 |
| 69 | 2,26+1 | 8,27+0 | 8,06+0 | 1,33+1 | 2,83+1 | 9,77+0 | 3,95+0 | 1,06+1 |
| 71 | 4,11+1 | 1,61+1 | 7,82+0 | 1,10+1 | 3,21+1 | 8,90+0 | 5,75+0 | 2,03+1 |
| 73 | 7,49+1 | 3,13+1 | 9,13+0 | 1,04+1 | 4,62+1 | 1,01+1 | 1,01+1 | 3,86+1 |
| 75 | 1,36+2 | 6,09+1 | 1,38+1 | 1,27+1 | 8,56+1 | 1,49+1 | 1,97+1 | 7,34+1 |
| 80 | 6,11+2 | 3,22+2 | 8,04+1 | 6,13+1 | 2,97+2 | 8,19+1 | 1,20+2 | 3,67+2 |
| 85 | 2,74+3 | 1,93+3 | 8,97+2 | 7,63+2 | 1,78+3 | 9,15+2 | 1,14+3 | 2,08+3 |
| 90 | 1,23+4 | 1,16+4 | 1,02+4 | 9,92+3 | 1,16+4 | 1,04+4 | 1,09+4 | 1,19+4 |
| 95 | 4,27+4 | 4,87+4 | 6,47+4 | 6,88+4 | 5,84+4 | 6,88+4 | 6,47+4 | 4,87+4 |
| 105 | 6,01+4 | 7,13+4 | 1,04+5 | 1,12+5 | 1,09+5 | 1,12+5 | 1,04+5 | 7,13+4 |

Таблица 338 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=90^\circ$

| h км | Концентрация электронов N_p , см ⁻³ при χ | | | | | | | |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120° | 95° | 90° | 83,5° | 90,0° | 95,0° | 120° |
| | h f, ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,85+0 | 2,64+0 | 1,27+0 | — | — |
| 50 | — | — | — | 5,31+0 | 7,36+0 | 3,63+0 | — | — |
| 53 | — | — | 1,31+0 | 1,21+1 | 1,69+1 | 8,28+0 | — | — |
| 55 | — | — | 1,91+0 | 2,50+1 | 3,57+1 | 0,71+1 | — | — |
| 57 | — | — | 4,69+0 | 3,56+1 | 5,21+1 | 2,44+1 | 1,44+0 | — |
| 59 | 1,12+0 | — | 7,86+0 | 4,38+1 | 6,66+1 | 3,00+1 | 2,41+0 | — |
| 61 | 2,05+0 | — | 1,04+1 | 5,14+1 | 8,19+1 | 3,52+1 | 3,22+0 | — |
| 63 | 3,73+0 | 1,17+0 | 1,27+1 | 4,44+1 | 7,50+1 | 3,05+1 | 3,99+0 | 1,61+0 |
| 65 | 6,79+0 | 2,28+0 | 1,46+1 | 2,94+1 | 5,36+1 | 2,03+1 | 4,74+0 | 3,07+0 |
| 67 | 1,24+1 | 4,44+0 | 1,23+1 | 2,22+1 | 4,29+1 | 1,56+1 | 4,47+0 | 5,84+0 |
| 69 | 2,26+1 | 8,64+0 | 1,01+1 | 1,73+1 | 3,71+1 | 1,26+1 | 4,77+0 | 1,11+1 |
| 71 | 4,11+1 | 1,68+1 | 9,66+0 | 1,41+1 | 4,08+1 | 1,13+1 | 6,79+0 | 2,12+1 |
| 73 | 7,49+1 | 3,27+1 | 1,10+1 | 1,31+1 | 5,92+1 | 1,24+1 | 1,17+1 | 4,03+1 |
| 75 | 1,36+2 | 6,37+1 | 1,63+1 | 1,56+1 | 1,11+2 | 1,80+1 | 2,27+1 | 7,67+1 |
| 80 | 6,11+2 | 3,36+2 | 9,26+1 | 7,22+1 | 3,76+2 | 9,62+1 | 1,38+2 | 3,83+2 |
| 85 | 2,74+3 | 2,02+3 | 1,03+3 | 8,95+2 | 2,25+3 | 1,07+3 | 1,32+3 | 2,18+3 |
| 90 | 1,23+4 | 1,21+4 | 1,17+4 | 1,16+4 | 1,44+4 | 1,22+4 | 1,26+4 | 1,24+4 |
| 95 | 4,27+4 | 5,08+4 | 7,44+4 | 8,06+4 | 6,93+4 | 8,06+4 | 7,44+4 | 5,08+4 |
| 105 | 6,01+4 | 7,45+4 | 1,19+5 | 1,32+5 | 1,26+5 | 1,32+5 | 1,19+5 | 7,45+4 |

Таблица 339 — Ноябрь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и т. ч. | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 3,46+0 | 4,95+0 | 2,54+0 | — | — |
| 50 | — | — | 2,17+0 | 2,52+1 | 3,51+1 | 1,85+1 | — | — |
| 53 | — | — | 5,92+0 | 5,50+1 | 7,72+1 | 4,04+1 | 2,00+0 | — |
| 55 | 1,05+0 | — | 1,08+1 | 7,52+1 | 1,07+2 | 5,52+1 | 3,67+0 | — |
| 57 | 1,91+0 | — | 1,63+1 | 8,32+1 | 1,22+2 | 6,11+1 | 5,52+0 | — |
| 59 | 3,48+0 | — | 2,09+1 | 8,78+1 | 1,34+2 | 6,45+1 | 7,10+0 | 1,15+0 |
| 61 | 6,33+0 | 1,56+0 | 2,34+1 | 8,94+1 | 1,43+2 | 6,57+1 | 8,00+0 | 2,20+0 |
| 63 | 1,15+1 | 3,04+0 | 2,61+1 | 6,17+1 | 1,05+2 | 4,54+1 | 9,04+0 | 4,18+0 |
| 65 | 2,10+1 | 5,92+0 | 2,49+1 | 3,26+1 | 6,05+1 | 2,42+1 | 8,95+0 | 7,96+0 |
| 67 | 3,83+1 | 1,15+1 | 1,72+1 | 2,48+1 | 4,72+1 | 1,88+1 | 7,12+0 | 1,52+1 |
| 69 | 6,98+1 | 2,24+1 | 1,31+1 | 1,95+1 | 4,20+1 | 1,55+1 | 7,49+0 | 2,88+1 |
| 71 | 1,27+2 | 4,36+1 | 1,32+1 | 1,64+1 | 5,27+1 | 1,46+1 | 1,12+1 | 5,49+1 |
| 73 | 2,32+2 | 8,49+1 | 1,64+1 | 1,64+1 | 7,80+1 | 1,74+1 | 2,01+1 | 1,05+2 |
| 7E | 4,22+2 | 1,65+2 | 2,64+1 | 2,16+1 | 1,43+2 | 2,71+1 | 3,96+1 | 1,99+2 |
| 80 | 1,89+3 | 8,73+2 | 1,62+2 | 1,16+2 | 4,94+2 | 1,55+2 | 2,44+2 | 9,95+2 |
| 85 | 8,48+3 | 5,16+3 | 1,74+3 | 1,38+3 | 2,90+3 | 1,66+3 | 2,22+3 | 5,58+3 |
| 90 | 3,80+4 | 3,06+4 | 1,89+4 | 1,71+4 | 1,83+4 | 1,80+4 | 2,03+4 | 3,12+4 |
| 95 | 1,30+5 | 1,26+5 | 1,18+5 | 1,16+5 | 8,99+4 | 1,16+5 | 1,18+5 | 1,26+5 |
| 105 | 1,83+5 | 1,85+5 | 1,89+5 | 1,90+5 | 1,69+5 | 1,90+5 | 1,89+5 | 1,85+5 |

Таблица 340 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и f. ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 3,71+0 | 5,30+0 | 2,72+0 | — | — |
| 50 | — | — | 1,58+0 | 1,05+1 | 1,46+1 | 7,72+0 | — | — |
| 53 | — | — | 2,76+0 | 2,29+1 | 3,22+1 | 1,68+1 | — | — |
| 55 | 1,05+0 | — | 3,89+0 | 4,64+1 | 6,64+1 | 3,41+1 | 1,33+0 | — |
| 57 | 1,91+0 | — | 9,35+0 | 6,70+1 | 9,86+1 | 4,93+1 | 3,18+0 | — |
| 59 | 3,48+0 | — | 1,57+1 | 8,31+1 | 1,27+2 | 6,10+1 | 5,37+0 | 1,21+0 |
| 61 | 6,33+0 | 1,64+0 | 2,10+1 | 9,69+1 | 1,55+2 | 7,72+1 | 7,21+0 | 2,30+0 |
| 63 | 1,15+1 | 3,19+0 | 2,61+1 | 7,43+1 | 1,26+2 | 5,47+1 | 9,09+0 | 4,39+0 |
| 65 | 2,10+1 | 6,21+0 | 2,82+1 | 4,22+1 | 7,81+1 | 3,13+1 | 1,01+1 | 8,35+0 |
| 67 | 3,83+1 | 1,21+1 | 2,09+1 | 3,21+1 | 6,23+1 | 2,42+1 | 8,57+0 | 1,59+1 |
| 69 | 6,98+1 | 2,35+1 | 1,63+1 | 2,51+1 | 5,64+1 | 1,99+1 | 9,05+0 | 3,03+1 |
| 71 | 1,27+2 | 4,58+1 | 1,62+1 | 2,10+1 | 6,71+1 | 1,85+1 | 1,34+1 | 5,76+1 |
| 73 | 2,32+2 | 8,91+1 | 1,98+1 | 2,06+1 | 1,00+2 | 2,15+1 | 2,37+1 | 1,10+2 |
| 75 | 4,22+2 | 1,73+2 | 3,13+1 | 2,66+1 | 1,88+2 | 3,29+1 | 4,63+1 | 2,09+2 |
| 80 | 1,89+3 | 9,15+2 | 1,89+2 | 1,38+2 | 6,42+2 | 1,85+2 | 2,84+2 | 1,04+3 |
| 85 | 8,48+3 | 5,42+3 | 2,03+3 | 1,65+3 | 3,75+3 | 1,98+3 | 2,59+3 | 5,85+3 |
| 90 | 3,80+4 | 3,21+4 | 2,21+4 | 2,04+4 | 2,32+4 | 2,15+4 | 2,37+4 | 3,28+4 |
| 95 | 1,30+5 | 1,32+5 | 1,37+5 | 1,39+5 | 1,09+5 | 1,39+5 | 1,37+5 | 1,32+5 |
| 105 | 1,83+5 | 1,94+5 | 2,20+5 | 2,26+5 | 1,98+5 | 2,26+5 | 2,20+5 | 1,94+5 |

Таблица 341 — Ноябрь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,35+0 | 1,94+0 | 1,09+0 | — | — |
| 50 | — | — | — | 9,88+0 | 1,38+1 | 7,96+0 | — | — |
| 53 | — | — | 1,87+0 | 2,13+1 | 3,00+1 | 1,71+1 | — | — |
| 55 | — | — | 3,40+0 | 2,87+1 | 4,12+1 | 2,31+1 | 1,33+0 | — |
| 57 | — | — | 5,04+0 | 3,18+1 | 4,69+1 | 2,56+1 | 1,98+0 | — |
| 59 | — | — | 6,45+0 | 3,36+1 | 5,13+1 | 2,71+1 | 2,53+0 | — |
| 61 | — | — | 7,21+0 | 3,08+1 | 4,93+1 | 2,48+1 | 2,83+0 | — |
| 63 | — | — | 7,62+0 | 2,13+1 | 3,61+1 | 1,72+1 | 3,01+0 | — |
| 65 | 1,44+0 | — | 6,96+0 | 1,14+1 | 2,08+1 | 9,24+0 | 2,79+0 | — |
| 67 | 2,62+0 | 1,00+0 | 4,82+0 | 8,61+0 | 1,62+1 | 7,03+0 | 2,06+0 | 1,32+0 |
| 69 | 4,78+0 | 1,95+0 | 3,57+0 | 6,63+0 | 1,34+1 | 5,53+0 | 1,80+0 | 2,51+0 |
| 71 | 8,71+0 | 3,80+0 | 3,30+0 | 5,29+0 | 1,74+1 | 4,65+0 | 2,21+0 | 4,78+0 |
| 73 | 1,59+1 | 7,39+0 | 3,52+0 | 4,66+0 | 2,22+1 | 4,56+0 | 3,39+0 | 9,10+0 |
| 75 | 2,89+1 | 1,44+1 | 4,75+0 | 5,04+0 | 3,48+1 | 5,75+0 | 6,16+0 | 1,73+1 |
| 80 | 1,30+2 | 7,60+1 | 2,43+1 | 1,98+1 | 1,05+2 | 2,62+1 | 3,61+1 | 8,66+1 |
| 85 | 5,81+2 | 4,39+2 | 2,38+2 | 2,09+2 | 5,81+2 | 2,51+2 | 3,03+2 | 4,74+2 |
| 90 | 2,64+3 | 2,56+3 | 2,40+3 | 2,37+3 | 3,45+3 | 2,49+3 | 2,57+3 | 2,62+3 |
| 95 | 9,88+3 | 1,12+4 | 1,47+4 | 1,55+4 | 1,64+4 | 1,55+4 | 1,47+4 | 1,12+4 |
| 105 | 1,40+4 | 1,65+4 | 2,35+4 | 2,54+4 | 3,07+4 | 2,54+4 | 2,35+4 | 1,65+4 |

Таблица 342 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с ш, $\lambda=250^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,46+0 | 2,10+0 | 1,18+0 | — | — |
| 50 | — | — | — | 4,11+0 | 5,75+0 | 3,32+0 | — | — |
| 53 | — | — | — | 8,72+0 | 1,23+1 | 7,03+0 | — | — |
| 55 | — | — | 1,21+0 | 1,75+1 | 2,51+1 | 1,41+1 | — | — |
| 57 | — | — | 2,86+0 | 2,55+1 | 3,76+1 | 2,05+1 | 1,12+0 | — |
| 59 | — | — | 4,82+0 | 3,17+1 | 4,85+1 | 2,56+1 | 1,89+0 | — |
| 61 | — | — | 6,45+0 | 3,34+1 | 5,34+1 | 2,69+1 | 2,54+0 | — |
| 63 | — | — | 7,65+0 | 2,55+1 | 4,32+1 | 2,06+1 | 3,03+0 | — |
| 65 | 1,44+0 | — | 7,87+0 | 1,45+1 | 2,65+1 | 1,17+1 | 3,16+0 | — |
| 67 | 2,62+0 | 1,06+0 | 5,80+0 | 1,09+1 | 2,10+1 | 8,92+0 | 2,47+0 | 1,39+0 |
| 69 | 4,78+0 | 2,06+0 | 4,40+0 | 8,41+0 | 1,90+1 | 7,01+0 | 2,20+0 | 2,65+0 |
| 71 | 8,71+0 | 4,02+0 | 4,05+0 | 6,71+0 | 2,24+1 | 5,88+0 | 2,68+0 | 5,05+0 |
| 73 | 1,59+1 | 7,81+0 | 4,29+0 | 5,87+0 | 2,91+1 | 5,72+0 | 4,08+0 | 9,62+0 |
| 75 | 2,89+1 | 1,52+1 | 5,74+0 | 6,29+0 | 4,66+1 | 7,14+0 | 7,38+0 | 1,83+1 |
| 80 | 1,30+2 | 8,03+1 | 2,91+1 | 2,43+1 | 1,41+2 | 3,22+1 | 4,31+1 | 9,16+1 |
| 85 | 5,81+2 | 4,64+2 | 2,84+2 | 2,56+2 | 7,81+2 | 3,07+2 | 3,62+2 | 5,01+2 |
| 90 | 2,64+3 | 2,71+3 | 2,86+3 | 2,90+3 | 4,55+3 | 3,05+3 | 3,07+3 | 2,77+3 |
| 95 | 9,88+3 | 1,18+4 | 1,75+4 | 1,90+4 | 2,07+4 | 1,90+4 | 1,75+4 | 1,18+4 |
| 105 | 1,40+4 | 1,74+4 | 2,81+4 | 3,10+4 | 3,72+4 | 3,10+4 | 2,81+4 | 1,74+4 |

Таблица 343 — Ноябрь, $\bar{W}=10$, $\varphi=65^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и f, ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,20+0 | 1,72+C | — | — | — |
| 50 | — | — | — | 8,75+0 | 1,22+1 | 7,30+0 | — | — |
| 53 | — | — | 1,30+0 | 1,88+1 | 2,66+1 | 1,57+1 | — | — |
| 55 | — | — | 2,37+0 | 2,54+1 | 3,66+1 | 2,12+1 | — | — |
| 57 | — | — | 3,51+0 | 2,81+1 | 4,16+1 | 2,35+1 | 1,45+0 | — |
| 59 | — | — | 4,48+0 | 2,97+1 | 4,55+1 | 2,48+1 | 1,86+0 | — |
| 61 | — | — | 5,01+0 | 2,64+1 | 4,23+1 | 2,20+1 | 2,08+C | — |
| 63 | — | — | 5,23+0 | 1,78+1 | 3,01+1 | 1,48+1 | 2,17+0 | — |
| 65 | — | — | 4,65+0 | 9,33+0 | 1,69+1 | 7,80+0 | 1,95+0 | — |
| 67 | — | — | 3,13+0 | 7,02+0 | 1,31+1 | 5,89+C | 1,35+0 | — |
| 69 | — | — | 2,27+0 | 5,35+0 | 1,09+1 | 4,54+0 | 1,07+0 | — |
| 71 | 1,13+0 | — | 2,01+0 | 4,16+0 | 1,34+1 | 3,62+0 | 1,13+0 | — |
| 73 | 2,06+0 | 1,31+0 | 1,93+0 | 3,41+0 | 1,53+1 | 3,17+0 | 1,47+0 | 1,62+0 |
| 75 | 3,75+0 | 2,55+0 | 2,23+0 | 3,20+0 | 2,08+1 | 3,33+0 | 2,38+0 | 3,08+0 |
| 80 | 1,68+1 | 1,35+1 | 8,85+0 | 8,63+0 | 5,32+1 | 1,12+1 | 1,28+1 | 1,54+1 |
| 85 | 7,54+1 | 7,70+1 | 8,10+1 | 8,21+1 | 2,84+2 | 9,83+1 | 1,03+2 | 8,32+1 |
| 90 | 3,77+2 | 4,76+2 | 7,97+2 | 8,88+2 | 1,64+3 | 9,35+2 | 8,54+2 | 4,87+2 |
| 95 | 2,20+3 | 2,86+3 | 5,08+3 | 5,73+3 | 7,65+3 | 5,73+3 | 5,08+3 | 2,86+3 |
| 105 | 3,25+3 | 4,34+3 | 8,18+3 | 9,36+3 | 1,43+4 | 9,36+3 | 8,18+3 | 4,34+3 |

Таблица 344 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5 | 90,0° | 95,0° | 120,0° |
| | и f. ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,29+0 | 1,86+0 | 1,08+0 | — | — |
| 50 | — | — | — | 3,64+0 | 5,10+0 | 3,04+0 | — | — |
| 53 | — | — | — | 7,72+0 | 1,09+1 | 6,44+0 | — | — |
| 55 | — | — | — | 1,55+1 | 2,23+1 | 1,29+1 | — | — |
| 57 | — | — | 1,99+0 | 2,26+1 | 3,34+1 | 1,88+1 | — | — |
| 59 | — | — | 3,36+0 | 2,81+1 | 4,30+1 | 2,34+1 | 1,39+0 | — |
| 61 | — | — | 4,49+0 | 2,86+1 | 4,58+1 | 2,38+1 | 1,86+0 | — |
| 63 | — | — | 5,26+0 | 2,12+1 | 3,59+1 | 1,77+1 | 2,19+0 | — |
| 65 | — | — | 5,24+0 | 1,17+1 | 2,12+1 | 9,77+0 | 2,20+0 | — |
| 67 | — | — | 3,74+0 | 8,80+0 | 1,68+1 | 7,38+0 | 1,61+0 | — |
| 69 | — | — | 2,76+0 | 6,71+0 | 1,52+1 | 5,69+0 | 1,30+0 | — |
| 71 | 1,13+0 | — | 2,45+0 | 5,22+0 | 1,73+1 | 4,54+0 | 1,37+0 | — |
| 73 | 2,06+0 | 1,39+0 | 2,35+0 | 4,27+0 | 2,01+1 | 3,96+0 | 1,78+0 | 1,71+0 |
| 75 | 3,75+0 | 2,71+0 | 2,71+0 | 4,00+0 | 2,80+1 | 4,16+0 | 2,88+0 | 3,26+0 |
| 80 | 1,68+1 | 1,43+1 | 1,07+1 | 1,07+1 | 7,33+1 | 1,39+1 | 1,55+1 | 1,63+1 |
| 85 | 7,54+1 | 8,17+1 | 9,79+1 | 1,02+2 | 3,90+2 | 1,22+2 | 1,25+2 | 8,82+1 |
| 90 | 3,77+2 | 5,05+2 | 9,63+2 | 1,10+3 | 2,20+3 | 1,16+3 | 1,03+3 | 5,17+2 |
| 95 | 2,20+3 | 3,04+3 | 6,14+3 | 7,12+3 | 9,84+3 | 7,12+3 | 6,14+3 | 3,04+3 |
| 105 | 3,25+3 | 4,61+3 | 9,89+3 | 1,16+4 | 1,77+4 | 1,16+4 | 9,89+3 | 4,61+3 |

Таблица 345 — Ноябрь, $\bar{W}=10$, $\varphi=65^\circ$ с ш, $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и т ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,76+0 | 2,53+0 | 1,38+0 | — | — |
| 50 | — | — | 1,01+0 | 1,29+1 | 1,79+1 | 1,01+1 | — | — |
| 53 | — | — | 2,75+0 | 2,77+1 | 3,91+1 | 2,18+1 | 1,03+0 | — |
| 55 | — | — | 5,02+0 | 3,75+1 | 5,38+1 | 2,95+1 | 1,89+0 | — |
| 57 | — | — | 7,46+0 | 4,15+1 | 6,12+1 | 3,26+1 | 2,81+0 | — |
| 59 | — | — | 9,54+0 | 4,39+1 | 6,70+1 | 3,45+1 | 3,59+0 | — |
| 61 | 1,53+0 | — | 1,07+1 | 4,15+1 | 6,64+1 | 3,26+1 | 4,04+0 | — |
| 63 | 2,78+0 | — | 1,14+1 | 2,87+1 | 4,87+1 | 2,26+1 | 4,37+0 | 1,11+0 |
| 65 | 5,06+0 | 1,57+0 | 1,06+1 | 1,53+1 | 2,82+1 | 1,21+1 | 4,15+0 | 2,11+0 |
| 67 | 9,23+0 | 3,06+0 | 7,37+0 | 1,16+1 | 2,20+1 | 9,30+0 | 3,17+0 | 4,02+0 |
| 69 | 1,68+1 | 5,96+0 | 5,55+0 | 9,02+0 | 1,88+1 | 7,48+0 | 3,03+0 | 7,66+0 |
| 71 | 3,06+1 | 1,16+1 | 5,36+0 | 7,41+0 | 2,50+1 | 6,65+0 | 4,15+0 | 1,46+1 |
| 73 | 5,58+1 | 2,25+1 | 6,21+0 | 6,97+0 | 3,46+1 | 7,21+0 | 6,97+0 | 2,78+1 |
| 75 | 1,02+2 | 4,39+1 | 9,31+0 | 8,44+0 | 5,86+1 | 1,03+1 | 1,33+1 | 5,28+1 |
| 80 | 4,56+2 | 2,32+2 | 5,37+1 | 4,03+1 | 1,89+2 | 5,40+1 | 8,03+1 | 2,64+2 |
| 85 | 2,04+3 | 1,35+3 | 5,43+2 | 4,49+2 | 1,08+3 | 5,38+2 | 6,94+2 | 1,46+3 |
| 90 | 9,18+3 | 7,87+3 | 5,61+3 | 5,22+3 | 6,49+3 | 5,50+3 | 6,02+3 | 8,04+3 |
| 95 | 3,21+4 | 3,28+4 | 3,43+4 | 3,46+4 | 3,12+4 | 3,46+4 | 3,43+4 | 3,28+4 |
| 105 | 4,52+4 | 4,81+4 | 5,50+4 | 5,66+4 | 5,84+4 | 5,66+4 | 5,50+4 | 4,81+4 |

Таблица 346 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=320^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5° | 90,0° | 95,0° | 120,0° |
| | и f ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 1,90+0 | 2,72+0 | 1,49+0 | — | — |
| 50 | — | — | — | 5,36+0 | 7,48+0 | 4,21+0 | — | — |
| 53 | — | — | 1,28+0 | 1,14+1 | 1,61+1 | 8,95+0 | — | — |
| 55 | — | — | 1,78+0 | 2,29+1 | 3,29+1 | 1,80+1 | — | — |
| 57 | — | — | 4,23+0 | 3,33+1 | 4,92+1 | 2,62+1 | 1,60+0 | — |
| 59 | — | — | 7,15+0 | 4,14+1 | 6,34+1 | 3,26+1 | 2,70+0 | — |
| 61 | 1,53+0 | — | 9,55+0 | 4,50+1 | 7,20+1 | 3,53+1 | 3,62+0 | — |
| 63 | 2,78+0 | — | 1,15+1 | 3,45+1 | 5,85+1 | 2,71+1 | 4,40+0 | 1,17+0 |
| 65 | 5,06+0 | 1,66+0 | 1,20+1 | 1,96+1 | 3,61+1 | 1,55+1 | 4,71+0 | 2,23+0 |
| 67 | 9,23+0 | 3,23+0 | 8,90+0 | 1,48+1 | 2,88+1 | 1,19+1 | 3,82+0 | 4,24+0 |
| 69 | 1,68+1 | 6,28+0 | 6,85+0 | 1,15+1 | 2,63+1 | 9,53+0 | 3,69+0 | 8,08+0 |
| 71 | 3,06+1 | 1,22+1 | 6,58+0 | 9,43+0 | 3,21+1 | 8,41+0 | 4,99+0 | 1,54+1 |
| 73 | 5,58+1 | 2,38+1 | 7,54+0 | 8,79+0 | 4,50+1 | 9,01+0 | 8,32+0 | 2,93+1 |
| 75 | 1,02+2 | 4,63+1 | 1,12+1 | 1,05+1 | 7,79+1 | 1,26+1 | 1,58+1 | 5,57+1 |
| 80 | 4,56+2 | 2,44+2 | 6,37+1 | 4,90+1 | 2,53+2 | 6,56+1 | 9,51+1 | 2,79+2 |
| 85 | 2,04+3 | 1,42+3 | 6,44+2 | 5,45+2 | 1,43+3 | 6,54+2 | 8,22+2 | 1,54+3 |
| 90 | 9,18+3 | 8,30+3 | 6,65+3 | 6,34+3 | 8,47+3 | 6,68+3 | 7,13+3 | 8,48+3 |
| 95 | 3,21+4 | 3,46+4 | 4,07+4 | 4,21+4 | 3,89+4 | 4,21+4 | 4,07+4 | 3,46+4 |
| 105 | 4,52+4 | 5,07+4 | 6,51+4 | 6,87+4 | 7,02+4 | 6,87+4 | 6,51+4 | 5,07+4 |

Таблица 347 — Ноябрь, $\bar{W}=10$, $\varphi=65^\circ$ с ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5 | 90,0° | 95,0° | 120 0° |
| | и / ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 3,38+0 | 4,83+0 | 2,44+0 | — | — |
| 50 | — | — | 2,12+0 | 2,46+1 | 3,42+1 | 1,78+1 | — | — |
| 53 | — | — | 5,78+0 | 5,38+1 | 7,55+1 | 3,89+1 | 1,91+0 | — |
| 55 | 1,03+0 | — | 1,06+1 | 7,39+1 | 1,06+2 | 5,34+1 | 3,50+0 | — |
| 57 | 1,88+0 | — | 1,60+1 | 8,18+1 | 1,20+2 | 5,91+1 | 5,28+0 | — |
| 59 | 3,42+0 | — | 2,05+1 | 8,64+1 | 1,32+2 | 6,24+1 | 6,81+0 | 1,15+0 |
| 61 | 6,24+0 | 1,55+0 | 2,30+1 | 8,87+1 | 1,41+2 | 6,41+1 | 7,68+0 | 2,16+0 |
| 63 | 1,14+1 | 3,02+0 | 2,57+1 | 6,21+1 | 1,05+2 | 4,50+1 | 8,69+0 | 4,15+0 |
| 65 | 2,07+1 | 5,88+0 | 2,48+1 | 3,34+1 | 6,19+1 | 2,44+1 | 8,72+0 | 7,91+0 |
| 67 | 3,77+1 | 1,14+1 | 1,74+1 | 2,54+1 | 4,84+1 | 1,89+1 | 7,07+0 | 1,51+1 |
| 69 | 6,87+1 | 2,23+1 | 1,34+1 | 2,00+1 | 4,31+1 | 1,56+1 | 7,51+0 | 2,87+1 |
| 71 | 1,25+2 | 4,33+1 | 1,34+1 | 1,68+1 | 5,30+1 | 1,48+1 | 1,13+1 | 5,45+1 |
| 73 | 2,28+2 | 8,43+1 | 1,66+1 | 1,68+1 | 7,87+1 | 1,76+1 | 2,04+1 | 1,04+2 |
| 75 | 4,16+2 | 1,64+2 | 2,67+1 | 2,20+1 | 1,46+2 | 2,75+1 | 4,01+1 | 1,98+2 |
| 80 | 1,86+3 | 8,67+2 | 1,64+2 | 1,18+2 | 5,07+2 | 1,58+2 | 2,47+2 | 9,88+2 |
| 85 | 8,35+3 | 5,15+3 | 1,78+3 | 1,42+3 | 3,00+3 | 1,71+3 | 2,27+3 | 5,56+3 |
| 90 | 3,74+4 | 3,06+4 | 1,96+4 | 1,78+4 | 1,90+4 | 1,88+4 | 2,10+4 | 3,12+4 |
| 95 | 1,28+5 | 1,26+5 | 1,23+5 | 1,22+5 | 9,41+4 | 1,22+5 | 1,23+5 | 1,26+5 |
| 105 | 1,80+5 | 1,85+5 | 1,96+5 | 1,99+5 | 1,76+5 | 1,99+5 | 1,96+5 | 1,85+5 |

Таблица 348 — Ноябрь, $\bar{W}=100$, $\varphi=65^\circ$ с. ш., $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|
| | 133,5° | 120,0° | 95,0° | 90,0° | 83,5 | 90,0° | 95,0° | 120,0° |
| | и t, ч | | | | | | | |
| | 0,0 | 3,9 | 8,0 | 9,1 | 12,0 | 14,8 | 16,0 | 20,1 |
| 45 | — | — | — | 3,61+0 | 5,16+0 | 2,61+0 | — | — |
| 50 | — | — | 1,54+0 | 1,03+1 | 1,43+1 | 7,41+0 | — | — |
| 53 | — | — | 2,69+0 | 2,25+1 | 3,16+1 | 1,63+1 | — | — |
| 55 | 1,03+0 | — | 3,82+0 | 4,58+1 | 6,55+1 | 3,31+1 | 1,27+C | — |
| 57 | 1,88+0 | — | 9,22+0 | 6,60+1 | 9,70+1 | 4,77+1 | 3,06+C | — |
| 59 | 3,42+0 | — | 1,55+1 | 8,17+1 | 1,25+2 | 5,91+1 | 5,16+C | 1,20+0 |
| 61 | 6,24+0 | 1,63+0 | 2,06+1 | 9,60+1 | 1,53+2 | 6,95+1 | 6,93+C | 2,29+0 |
| 63 | 1,14+1 | 3,17+0 | 2,57+1 | 7,49+1 | 1,27+2 | 5,42+1 | 8,74+C | 4,35+0 |
| 65 | 2,07+1 | 6,17+0 | 2,81+1 | 4,34+1 | 8,01+1 | 3,17+1 | 9,88+C | 8,28+0 |
| 67 | 3,77+1 | 1,20+1 | 2,12+1 | 3,29+1 | 6,39+1 | 2,45+1 | 8,51+C | 1,58+1 |
| 69 | 6,87+1 | 2,33+1 | 1,67+1 | 2,58+1 | 5,74+1 | 2,01+1 | 9,07+0 | 3,00+1 |
| 71 | 1,25+2 | 4,54+1 | 1,65+1 | 2,16+1 | 6,74+1 | 1,87+1 | 1,34+1 | 5,72+1 |
| 73 | 2,28+2 | 8,84+1 | 2,01+1 | 2,11+1 | 1,01+2 | 2,18+1 | 2,38+1 | 1,09+2 |
| 75 | 4,16+2 | 1,72+2 | 3,16+1 | 2,70+1 | 1,91+2 | 3,33+1 | 4,67+1 | 2,07+2 |
| 80 | 1,86+3 | 9,08+2 | 1,91+2 | 1,40+2 | 6,54+2 | 1,88+2 | 2,86+2 | 1,04+3 |
| 85 | 8,35+3 | 5,39+3 | 2,07+3 | 1,69+3 | 3,84+3 | 2,03+3 | 2,64+3 | 5,82+3 |
| 90 | 3,74+4 | 3,20+4 | 2,28+4 | 2,12+4 | 2,40+4 | 2,23+4 | 2,44+4 | 3,27+4 |
| 95 | 1,28+5 | 1,32+5 | 1,42+5 | 1,45+5 | 1,14+5 | 1,45+5 | 1,42+5 | 1,32+5 |
| 105 | 1,80+5 | 1,94+5 | 2,28+5 | 2,36+5 | 2,06+5 | 2,36+5 | 2,28+5 | 1,94+5 |

Таблица 349 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с ш, $\lambda=30^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,37+0 | — | — |
| 50 | — | — | 1,84+0 | 2,45+1 | — | — |
| 53 | — | — | 5,02+0 | 5,35+1 | 1,83+0 | — |
| 55 | 1,05+0 | — | 9,19+0 | 7,32+1 | 3,36+0 | — |
| 57 | 1,92+0 | — | 1,39+1 | 8,10+1 | 5,07+0 | — |
| 59 | 3,50+0 | — | 1,79+1 | 8,56+1 | 6,55+0 | — |
| 61 | 6,37+0 | — | 2,02+1 | 8,73+1 | 7,42+0 | — |
| 63 | 1,16+1 | — | 2,27+1 | 6,04+1 | 8,41+0 | — |
| 65 | 2,12+1 | — | 2,19+1 | 3,21+1 | 8,35+0 | 1,64+0 |
| 67 | 3,86+1 | 1,63+0 | 1,55+1 | 2,47+1 | 6,53+0 | 3,35+0 |
| 69 | 7,03+1 | 3,53+0 | 1,21+1 | 1,99+1 | 6,59+0 | 6,85+0 |
| 71 | 1,28+2 | 7,65+0 | 1,25+1 | 1,78+1 | 9,61+0 | 1,40+1 |
| 73 | 2,33+2 | 1,66+1 | 1,62+1 | 1,97+1 | 1,71+1 | 2,87+1 |
| 75 | 4,25+2 | 3,59+1 | 2,70+1 | 2,85+1 | 3,40+1 | 5,86+1 |
| 80 | 1,91+3 | 2,48+2 | 1,70+2 | 1,54+2 | 2,20+2 | 3,51+2 |
| 85 | 8,54+3 | 2,32+3 | 1,80+3 | 1,65+3 | 2,11+3 | 2,83+3 |
| 90 | 3,83+4 | 2,16+4 | 1,94+4 | 1,82+4 | 2,02+4 | 2,29+4 |
| 95 | 1,31+5 | 1,21+5 | 1,20+5 | 1,18+5 | 1,20+5 | 1,21+5 |
| 105 | 1,84+5 | 1,90+5 | 1,91+5 | 1,92+5 | 1,91+5 | 1,90+5 |

Таблица 350 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с ш, $\lambda=30^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,61+0 | — | — |
| 50 | — | — | 1,35+0 | 1,02+1 | — | — |
| 53 | — | — | 2,36+0 | 2,23+1 | — | — |
| 55 | 1,05+0 | — | 3,35+0 | 4,52+1 | 1,23+0 | — |
| 57 | 1,92+0 | — | 8,03+0 | 6,53+1 | 2,94+0 | — |
| 59 | 3,50+0 | — | 1,35+1 | 8,10+1 | 4,97+0 | — |
| 61 | 6,37+0 | — | 1,81+1 | 9,46+1 | 6,69+0 | — |
| 63 | 1,16+1 | — | 2,27+1 | 7,28+1 | 8,45+0 | — |
| 65 | 2,12+1 | — | 2,47+1 | 4,16+1 | 9,44+0 | 1,86+0 |
| 67 | 3,86+1 | 1,85+0 | 1,87+1 | 3,19+1 | 7,86+0 | 3,80+0 |
| 69 | 7,03+1 | 4,00+0 | 1,50+1 | 2,56+1 | 7,98+0 | 7,77+0 |
| 71 | 1,28+2 | 3,67+0 | 1,53+1 | 2,27+1 | 1,14+1 | 1,59+1 |
| 73 | 2,33+2 | 1,88+1 | 1,95+1 | 2,45+1 | 2,00+1 | 3,25+1 |
| 75 | 4,25+2 | 4,07+1 | 3,18+1 | 3,47+1 | 3,96+1 | 6,65+1 |
| 80 | 1,91+3 | 2,81+2 | 1,97+2 | 1,84+2 | 2,55+2 | 3,98+2 |
| 85 | 8,54+3 | 2,63+3 | 2,09+3 | 1,97+3 | 2,45+3 | 3,21+3 |
| 90 | 3,83+4 | 2,45+4 | 2,25+4 | 2,16+4 | 2,35+4 | 2,60+4 |
| 95 | 1,31+5 | 1,38+5 | 1,39+5 | 1,40+5 | 1,39+5 | 1,38+5 |
| 105 | 1,84+5 | 2,15+5 | 2,22+5 | 2,29+5 | 2,22+5 | 2,15+5 |

Таблица 351 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и t, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,24+0 | — | — |
| 50 | — | — | 1,77+0 | 2,36+1 | — | — |
| 53 | — | — | 4,83+0 | 5,17+1 | 1,74+0 | — |
| 55 | 1,02+0 | — | 8,86+0 | 7,11+1 | 3,19+0 | — |
| 57 | 1,86+0 | — | 1,34+1 | 7,86+1 | 4,83+0 | — |
| 59 | 3,38+0 | — | 1,73+1 | 8,31+1 | 6,25+0 | — |
| 61 | 6,17+0 | — | 1,95+1 | 8,54+1 | 7,09+0 | — |
| 63 | 1,12+1 | — | 2,20+1 | 6,00+1 | 8,05+0 | — |
| 65 | 2,05+1 | — | 2,15+1 | 3,25+1 | 8,08+0 | 1,63+0 |
| 67 | 3,73+1 | 1,62+0 | 1,54+1 | 2,50+1 | 6,44+0 | 3,33+0 |
| 69 | 6,80+1 | 3,50+0 | 1,21+1 | 2,02+1 | 6,55+0 | 6,80+0 |
| 71 | 1,24+2 | 7,59+0 | 1,26+1 | 1,80+1 | 9,56+0 | 1,39+1 |
| 73 | 2,26+2 | 1,64+1 | 1,62+1 | 1,98+1 | 1,70+1 | 2,84+1 |
| 75 | 4,11+2 | 3,56+1 | 2,70+1 | 2,86+1 | 3,39+1 | 5,82+1 |
| 80 | 1,84+3 | 2,46+2 | 1,69+2 | 1,54+2 | 2,19+2 | 3,48+2 |
| 85 | 8,26+3 | 2,32+3 | 1,82+3 | 1,68+3 | 2,12+3 | 2,84+3 |
| 90 | 3,70+4 | 2,18+4 | 1,97+4 | 1,87+4 | 2,06+4 | 2,31+4 |
| 95 | 1,27+5 | 1,23+5 | 1,22+5 | 1,22+5 | 1,22+5 | 1,23+5 |
| 105 | 1,78+5 | 1,93+5 | 1,96+5 | 1,99+5 | 1,96+5 | 1,93+5 |

Таблица 352 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и t, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,47+0 | — | — |
| 50 | — | — | 1,30+0 | 9,85+0 | — | — |
| 53 | — | — | 2,28+0 | 2,16+1 | — | — |
| 55 | 1,02+0 | — | 3,25+0 | 4,41+1 | 1,17+0 | — |
| 57 | 1,86+0 | — | 7,81+0 | 6,35+1 | 2,82+0 | — |
| 59 | 3,38+0 | — | 1,31+1 | 7,86+1 | 4,76+0 | — |
| 61 | 6,17+0 | — | 1,76+1 | 9,25+1 | 6,40+0 | — |
| 63 | 1,12+1 | — | 2,20+1 | 7,23+1 | 8,09+0 | — |
| 65 | 2,05+1 | — | 2,43+1 | 4,22+1 | 9,14+0 | 1,84+0 |
| 67 | 3,73+1 | 1,83+0 | 1,87+1 | 3,23+1 | 7,75+0 | 3,76+0 |
| 69 | 6,80+1 | 3,96+0 | 1,51+1 | 2,59+1 | 7,92+0 | 7,69+0 |
| 71 | 1,24+2 | 8,59+0 | 1,54+1 | 2,29+1 | 1,13+1 | 1,57+1 |
| 73 | 2,26+2 | 1,86+1 | 1,95+1 | 2,47+1 | 1,99+1 | 3,22+1 |
| 75 | 4,11+2 | 4,03+1 | 3,17+1 | 3,48+1 | 3,94+1 | 6,58+1 |
| 80 | 1,84+3 | 2,78+2 | 1,96+2 | 1,83+2 | 2,54+2 | 3,94+2 |
| 85 | 8,26+3 | 2,62+3 | 2,10+3 | 1,99+3 | 2,46+2 | 3,21+3 |
| 90 | 3,70+4 | 2,47+4 | 2,28+4 | 2,22+4 | 2,39+4 | 2,62+4 |
| 95 | 1,27+5 | 1,39+5 | 1,42+5 | 1,44+5 | 1,42+5 | 1,39+5 |
| 105 | 1,78+5 | 2,18+5 | 2,27+5 | 2,36+5 | 2,27+5 | 2,18+5 |

Таблица 353 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш.,
 $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и f, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,37+0 | — | — |
| 50 | — | — | 1,84+0 | 2,45+1 | — | — |
| 53 | — | — | 5,02+0 | 5,36+1 | 1,83+0 | — |
| 55 | 1,06+0 | — | 9,20+0 | 7,33+1 | 3,36+0 | — |
| 57 | 1,92+0 | — | 1,39+1 | 8,11+1 | 5,06+0 | — |
| 59 | 3,51+0 | — | 1,79+1 | 8,57+1 | 3,55+0 | — |
| 61 | 6,39+0 | — | 2,02+1 | 8,74+1 | 7,42+0 | — |
| 63 | 1,16+1 | — | 2,27+1 | 6,05+1 | 8,41+0 | — |
| 65 | 2,12+1 | — | 2,19+1 | 3,22+1 | 8,35+0 | 1,64+0 |
| 67 | 3,86+1 | 1,63+0 | 1,55+1 | 2,48+1 | 6,55+0 | 3,36+0 |
| 69 | 7,04+1 | 3,54+0 | 1,21+1 | 2,00+1 | 6,61+0 | 6,87+0 |
| 71 | 1,28+2 | 7,67+0 | 1,26+1 | 1,79+1 | 9,63+0 | 1,41+1 |
| 73 | 2,34+2 | 1,66+1 | 1,63+1 | 1,97+1 | 1,71+1 | 2,87+1 |
| 75 | 4,26+2 | 3,60+1 | 2,71+1 | 2,86+1 | 3,41+1 | 5,88+1 |
| 80 | 1,91+3 | 2,49+2 | 1,70+2 | 1,54+2 | 2,20+2 | 3,52+2 |
| 85 | 8,56+3 | 2,32+3 | 1,81+3 | 1,66+3 | 2,11+3 | 2,84+3 |
| 90 | 3,83+4 | 2,17+4 | 1,95+4 | 1,83+4 | 2,03+4 | 2,30+4 |
| 95 | 1,31+5 | 1,22+5 | 1,20+5 | 1,19+5 | 1,20+5 | 1,22+5 |
| 105 | 1,84+5 | 1,91+5 | 1,92+5 | 1,93+5 | 1,92+5 | 1,91+5 |

Таблица 354 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш.
 $\lambda=180^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и f, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 3,61+0 | — | — |
| 50 | — | — | 1,35+0 | 1,02+1 | — | — |
| 53 | — | — | 2,37+0 | 2,23+1 | — | — |
| 55 | 1,06+0 | — | 3,35+0 | 4,53+1 | 1,23+0 | — |
| 57 | 1,92+0 | — | 8,04+0 | 6,54+1 | 2,94+0 | — |
| 59 | 3,51+0 | — | 1,35+1 | 8,10+1 | 4,97+0 | — |
| 61 | 6,39+0 | — | 1,81+1 | 9,47+1 | 6,69+0 | — |
| 63 | 1,16+1 | — | 2,27+1 | 7,30+1 | 8,45+0 | — |
| 65 | 2,12+1 | — | 2,48+1 | 4,17+1 | 9,45+0 | 1,86+0 |
| 67 | 3,86+1 | 1,85+0 | 1,88+1 | 3,20+1 | 7,87+0 | 3,81+0 |
| 69 | 7,04+1 | 4,01+0 | 1,50+1 | 2,57+1 | 8,00+0 | 7,79+0 |
| 71 | 1,28+2 | 8,70+0 | 1,54+1 | 2,28+1 | 1,14+1 | 1,59+1 |
| 73 | 2,34+2 | 1,88+1 | 1,95+1 | 2,46+1 | 2,01+1 | 3,26+1 |
| 75 | 4,26+2 | 4,08+1 | 3,19+1 | 3,48+1 | 3,97+1 | 6,66+1 |
| 80 | 1,91+3 | 2,82+2 | 1,98+2 | 1,94+2 | 2,56+2 | 8,99+2 |
| 85 | 8,56+3 | 2,63+3 | 2,10+3 | 1,96+3 | 2,46+3 | 3,22+3 |
| 90 | 3,83+4 | 2,46+4 | 2,26+4 | 2,17+4 | 2,36+4 | 2,61+4 |
| 95 | 1,31+5 | 1,38+5 | 1,40+5 | 1,41+5 | 1,40+5 | 1,38+5 |
| 105 | 1,84+5 | 2,16+5 | 2,23+5 | 2,30+5 | 2,23+5 | 2,16+5 |

Таблица 355 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш.,
 $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и f, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 1,86+0 | — | — |
| 50 | — | — | — | 1,36+1 | — | — |
| 53 | — | — | 2,56+0 | 2,94+1 | — | — |
| 55 | — | — | 4,66+0 | 3,97+1 | 1,81+0 | — |
| 57 | — | — | 6,96+0 | 4,40+1 | 2,71+0 | — |
| 59 | 1,05+0 | — | 8,95+0 | 4,64+1 | 3,49+0 | — |
| 61 | 1,92+0 | — | 1,01+1 | 4,43+1 | 3,94+0 | — |
| 63 | 3,49+0 | — | 1,10+1 | 3,06+1 | 4,31+0 | — |
| 65 | 6,37+0 | — | 1,03+1 | 1,63+1 | 4,13+0 | — |
| 67 | 1,16+1 | — | 7,27+0 | 1,25+1 | 3,15+0 | 1,23+0 |
| 69 | 2,11+1 | 1,30+0 | 5,60+0 | 9,94+0 | 2,97+0 | 2,52+0 |
| 71 | 3,85+1 | 2,81+0 | 5,60+0 | 8,62+0 | 4,02+0 | 5,15+0 |
| 73 | 7,02+1 | 6,09+0 | 6,85+0 | 8,97+0 | 6,80+0 | 1,05+1 |
| 75 | 1,28+2 | 1,32+1 | 1,08+1 | 1,22+1 | 1,32+1 | 2,15+1 |
| 80 | 5,73+2 | 9,11+1 | 6,50+1 | 6,16+1 | 8,39+1 | 1,29+2 |
| 85 | 2,57+3 | 8,17+2 | 6,55+2 | 6,21+2 | 7,66+2 | 9,99+2 |
| 90 | 1,15+4 | 7,33+3 | 6,71+3 | 6,45+3 | 7,02+3 | 7,76+3 |
| 95 | 4,01+4 | 4,07+4 | 4,08+4 | 4,09+4 | 4,08+4 | 4,07+4 |
| 105 | 5,65+4 | 6,37+4 | 6,52+4 | 6,67+4 | 6,52+4 | 6,37+4 |

Таблица 356 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш.,
 $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и f, ч | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 2,01+0 | — | — |
| 50 | — | — | — | 5,66+0 | — | — |
| 53 | — | — | 1,20+0 | 1,21+1 | — | — |
| 55 | — | — | 1,68+0 | 2,43+1 | — | — |
| 57 | — | — | 3,99+0 | 3,53+1 | 1,55+0 | — |
| 59 | 1,05+0 | — | 6,74+0 | 4,39+1 | 2,63+0 | — |
| 61 | 1,92+0 | — | 9,05+0 | 4,80+1 | 3,54+0 | — |
| 63 | 3,49+0 | — | 1,10+1 | 3,68+1 | 4,33+0 | — |
| 65 | 6,37+0 | — | 1,16+1 | 2,09+1 | 4,67+0 | — |
| 67 | 1,16+1 | — | 8,75+0 | 1,60+1 | 3,78+0 | 1,41+0 |
| 69 | 2,11+1 | 1,49+0 | 6,90+0 | 1,27+1 | 3,61+0 | 2,89+0 |
| 71 | 3,85+1 | 3,23+0 | 6,86+0 | 1,09+1 | 4,83+0 | 5,91+0 |
| 73 | 7,02+1 | 6,99+0 | 8,27+0 | 1,12+1 | 8,08+0 | 1,21+1 |
| 75 | 1,28+2 | 1,51+1 | 1,29+1 | 1,50+1 | 1,56+1 | 2,47+1 |
| 80 | 5,73+2 | 1,05+2 | 7,67+1 | 7,47+1 | 9,90+1 | 1,48+2 |
| 85 | 2,57+3 | 9,38+2 | 7,73+2 | 7,52+2 | 9,03+2 | 1,15+3 |
| 90 | 1,15+4 | 8,41+3 | 7,92+3 | 7,81+3 | 8,28+3 | 8,91+3 |
| 95 | 4,01+4 | 4,67+4 | 4,81+4 | 4,95+4 | 4,81+4 | 4,67+4 |
| 105 | 5,65+4 | 7,31+4 | 7,69+4 | 8,08+4 | 7,69+4 | 7,31+4 |

Таблица 357 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш.,
 $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т. ч. | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 1,13+0 | — | — |
| 50 | — | — | — | 8,28+0 | — | — |
| 53 | — | — | — | 1,79+1 | — | — |
| 55 | — | — | 1,72+0 | 2,43+1 | — | — |
| 57 | — | — | 2,56+0 | 2,69+1 | 1,11+0 | — |
| 59 | — | — | 3,30+0 | 2,84+1 | 1,43+0 | — |
| 61 | — | — | 3,72+0 | 2,43+1 | 1,61+0 | — |
| 63 | — | — | 3,88+0 | 1,57+1 | 1,68+0 | — |
| 65 | — | — | 3,35+0 | 7,98+0 | 1,46+0 | — |
| 67 | — | — | 2,20+0 | 6,01+0 | — | — |
| 69 | — | — | 1,61+0 | 4,61+0 | — | — |
| 71 | — | — | 1,44+0 | 3,63+0 | — | — |
| 73 | 1,12+0 | — | 1,41+0 | 3,07+0 | — | — |
| 75 | 2,05+0 | — | 1,65+0 | 3,03+0 | 1,52+0 | 1,57+0 |
| 80 | 9,17+0 | 6,97+0 | 6,65+0 | 8,81+0 | 8,32+0 | 9,43+0 |
| 85 | 4,11+1 | 5,46+1 | 5,77+1 | 7,24+1 | 6,74+1 | 6,68+1 |
| 90 | 2,24+2 | 4,72+2 | 5,44+2 | 6,60+2 | 5,69+2 | 5,00+2 |
| 95 | 1,69+3 | 3,13+3 | 3,53+3 | 3,98+3 | 3,53+3 | 3,13+3 |
| 105 | 2,53+3 | 4,99+3 | 5,69+3 | 6,49+3 | 5,69+3 | 4,99+3 |

 Таблица 358 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш.,
 $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см $^{-3}$ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т. ч. | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 1,22+0 | — | — |
| 50 | — | — | — | 3,45+0 | — | — |
| 53 | — | — | — | 7,38+0 | — | — |
| 55 | — | — | — | 1,49+1 | — | — |
| 57 | — | — | 1,47+0 | 2,16+1 | — | — |
| 59 | — | — | 2,49+0 | 2,68+1 | 1,08+0 | — |
| 61 | — | — | 3,34+0 | 2,63+1 | 1,44+0 | — |
| 63 | — | — | 3,90+0 | 1,86+1 | 1,69+0 | — |
| 65 | — | — | 3,76+0 | 9,80+0 | 1,64+0 | — |
| 67 | — | — | 2,60+0 | 7,39+0 | 1,15+0 | — |
| 69 | — | — | 1,92+0 | 5,67+0 | — | — |
| 71 | — | — | 1,72+0 | 4,47+0 | — | — |
| 73 | 1,12+0 | — | 1,69+0 | 3,79+0 | 1,17+0 | — |
| 75 | 2,05+0 | 1,14+0 | 1,99+0 | 3,76+0 | 1,85+0 | 1,87+0 |
| 80 | 9,17+0 | 7,90+0 | 8,13+0 | 1,11+1 | 1,02+1 | 1,12+1 |
| 85 | 4,11+1 | 6,46+1 | 7,07+1 | 9,17+1 | 8,25+1 | 7,91+1 |
| 90 | 2,24+2 | 5,59+2 | 6,67+2 | 8,36+2 | 6,97+2 | 5,92+2 |
| 95 | 1,69+3 | 3,71+3 | 4,32+3 | 5,04+3 | 4,32+3 | 3,71+3 |
| 105 | 2,53+3 | 5,92+3 | 6,97+3 | 8,22+3 | 6,97+3 | 5,92+3 |

Таблица 359 — Ноябрь, $\bar{W}=10$, $\varphi=70^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т. ч. | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 2,41+0 | — | — |
| 50 | — | — | 1,27+0 | 1,76+1 | — | — |
| 53 | — | — | 3,46+0 | 3,80+1 | 4,32+0 | — |
| 55 | — | — | 6,32+0 | 5,16+1 | 2,41+0 | — |
| 57 | 1,04+0 | — | 9,44+0 | 5,71+1 | 3,61+0 | — |
| 59 | 1,89+0 | — | 1,22+1 | 6,03+1 | 4,65+0 | — |
| 61 | 3,45+0 | — | 1,37+1 | 5,89+1 | 5,26+0 | — |
| 63 | 6,29+0 | — | 1,51+1 | 4,04+1 | 5,83+0 | — |
| 65 | 1,15+1 | — | 1,43+1 | 2,14+1 | 5,64+0 | — |
| 67 | 2,09+1 | — | 1,00+1 | 1,64+1 | 4,33+0 | 1,96+0 |
| 69 | 3,81+1 | 2,06+0 | 7,75+0 | 1,31+1 | 4,21+0 | 4,00+0 |
| 71 | 6,94+1 | 4,47+0 | 7,92+0 | 1,16+1 | 5,93+0 | 8,18+0 |
| 73 | 1,26+2 | 9,67+0 | 1,00+1 | 1,25+1 | 1,03+1 | 1,67+1 |
| 75 | 2,30+2 | 2,10+1 | 1,63+1 | 1,76+1 | 2,03+1 | 3,42+1 |
| 80 | 1,03+3 | 1,45+2 | 1,01+2 | 9,28+1 | 1,30+2 | 2,05+2 |
| 85 | 4,63+3 | 1,31+3 | 1,03+3 | 9,57+2 | 1,21+3 | 1,61+3 |
| 90 | 2,07+4 | 1,19+4 | 1,07+4 | 1,01+4 | 1,12+4 | 1,27+4 |
| 95 | 7,14+4 | 6,64+4 | 6,55+4 | 6,46+4 | 6,55+4 | 6,64+4 |
| 105 | 1,00+5 | 1,04+5 | 1,05+5 | 1,05+5 | 1,05+5 | 1,04+5 |

Таблица 360 — Ноябрь, $\bar{W}=100$, $\varphi=70^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | | | |
|-------|---|--------|--------|--------|--------|--------|
| | 128,5° | 100,0° | 95,0° | 88,5° | 95,0° | 100,0° |
| | и т. ч. | | | | | |
| | 0,0 | 7,5 | 8,6 | 12,0 | 15,3 | 16,5 |
| 45 | — | — | — | 2,59+0 | — | — |
| 50 | — | — | — | 7,32+0 | — | — |
| 53 | — | — | 1,63+0 | 1,57+1 | — | — |
| 55 | — | — | 2,29+0 | 3,16+1 | — | — |
| 57 | 1,04+0 | — | 5,42+0 | 4,59+1 | 2,08+0 | — |
| 59 | 1,89+0 | — | 9,16+0 | 5,70+1 | 3,51+0 | — |
| 61 | 3,45+0 | — | 1,23+1 | 6,38+1 | 4,73+0 | — |
| 63 | 6,29+0 | — | 1,51+1 | 4,87+1 | 5,87+0 | — |
| 65 | 1,15+1 | — | 1,61+1 | 2,76+1 | 6,39+0 | 1,09+0 |
| 67 | 2,09+1 | 1,09+0 | 1,21+1 | 2,10+1 | 5,20+0 | 2,24+0 |
| 69 | 3,81+1 | 2,36+0 | 9,57+0 | 1,68+1 | 5,12+0 | 4,58+0 |
| 71 | 6,94+1 | 5,11+0 | 9,68+0 | 1,47+1 | 7,10+0 | 9,36+0 |
| 73 | 1,26+2 | 1,11+1 | 1,20+1 | 1,56+1 | 1,22+1 | 1,91+1 |
| 75 | 2,30+2 | 2,40+1 | 1,94+1 | 2,17+1 | 2,39+1 | 3,91+1 |
| 80 | 1,03+3 | 1,66+2 | 1,18+2 | 1,12+2 | 1,53+2 | 2,34+2 |
| 85 | 4,63+3 | 1,50+3 | 1,21+3 | 1,15+3 | 1,42+3 | 1,84+3 |
| 90 | 2,07+4 | 1,37+4 | 1,26+4 | 1,22+4 | 1,32+4 | 1,45+4 |
| 95 | 7,14+4 | 7,60+4 | 7,69+4 | 7,78+4 | 7,69+4 | 7,60+4 |
| 105 | 1,00+5 | 1,19+5 | 1,23+5 | 1,27+5 | 1,23+5 | 1,19+5 |

Таблица 361 — Ноябрь, $\bar{W}=10$, $\varphi=75^\circ$ с ш,
 $\lambda=90^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|------|---|--------|--------|--------|
| | 123 5° | 100,0° | 93 5° | 100,0° |
| | и т ч | | | |
| | 0 0 | 8 1 | 12 0 | 15 8 |
| 45 | — | — | — | — |
| 50 | — | — | 4,76+0 | — |
| 53 | — | — | 1,05+1 | — |
| 55 | — | — | 1,47+1 | — |
| 57 | 1,21+0 | — | 1,72+1 | — |
| 59 | 2,21+0 | — | 1,93+1 | — |
| 61 | 4,03+0 | — | 2,03+1 | — |
| 63 | 7,34+0 | — | 1,55+1 | — |
| 65 | 1,34+1 | — | 9,42+0 | — |
| 67 | 2,44+1 | 1,26+0 | 8,01+0 | 1,97+0 |
| 69 | 4,44+1 | 2,71+0 | 7,24+0 | 4,08+0 |
| 71 | 8,09+1 | 5,82+0 | 7,45+0 | 8,46+0 |
| 73 | 1,47+2 | 1,25+1 | 9,68+0 | 1,75+1 |
| 75 | 2,69+2 | 2,68+1 | 1,63+1 | 3,63+1 |
| 80 | 1,20+3 | 1,82+2 | 1,05+2 | 2,25+2 |
| 85 | 5,40+3 | 1,60+3 | 1,11+3 | 1,81+3 |
| 90 | 2,42+4 | 1,41+4 | 1,20+4 | 1,46+4 |
| 95 | 8,32+4 | 7,65+4 | 7,46+4 | 7,65+4 |
| 105 | 1,17+5 | 1,19+5 | 1,20+5 | 1,19+5 |

Таблица 362 — Ноябрь, $\bar{W}=100$, $\varphi=76^\circ$ с ш,
 $\lambda=90^\circ$

| h км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|------|---|--------|--------|--------|
| | 123 5° | 100,0° | 93 5° | 100,0° |
| | и т ч | | | |
| | 0 0 | 8 1 | 12 0 | 15 8 |
| 45 | — | — | — | — |
| 50 | — | — | 2,19+0 | — |
| 53 | — | — | 4,76+0 | — |
| 55 | — | — | 9,50+0 | — |
| 57 | 1,21+0 | — | 1,41+1 | — |
| 59 | 2,21+0 | — | 1,83+1 | — |
| 61 | 4,03+0 | — | 2,18+1 | — |
| 63 | 7,34+0 | — | 1,83+1 | — |
| 65 | 1,34+1 | — | 1,18+1 | 1,08+0 |
| 67 | 2,44+1 | 1,43+0 | 1,00+1 | 2,23+0 |
| 69 | 4,44+1 | 3,07+0 | 9,00+0 | 4,63+0 |
| 71 | 8,09+1 | 6,60+0 | 9,16+0 | 9,60+0 |
| 73 | 1,47+2 | 1,42+1 | 1,17+1 | 1,99+1 |
| 75 | 2,69+2 | 3,05+1 | 1,94+1 | 4,12+1 |
| 80 | 1,20+3 | 2,06+2 | 1,23+2 | 2,55+2 |
| 85 | 5,40+3 | 1,81+3 | 1,31+3 | 2,05+3 |
| 90 | 2,42+4 | 1,60+4 | 1,41+4 | 1,66+4 |
| 95 | 8,32+4 | 8,68+4 | 8,80+4 | 8,68+4 |
| 105 | 1,17+5 | 1,35+5 | 1,41+5 | 1,35+5 |

Таблица 363 — Ноябрь, $\bar{W}=10$, $\varphi=75^\circ$ с ш.,
 $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 123,5° | 100,0° | 93,5° | 100,0° |
| | и f, ч | | | |
| | 0,0 | 8,1 | 12,0 | 15,8 |
| 45 | — | — | — | — |
| 50 | — | — | 1,61+0 | — |
| 53 | — | — | 3,53+0 | — |
| 55 | — | — | 4,92+0 | — |
| 57 | — | — | 5,75+0 | — |
| 59 | — | — | 6,45+0 | — |
| 61 | — | — | 6,26+0 | — |
| 63 | — | — | 4,76+0 | — |
| 65 | — | — | 2,89+0 | — |
| 67 | — | — | 2,41+0 | — |
| 69 | 1,15+0 | — | 2,06+0 | — |
| 71 | 2,09+0 | — | 1,85+0 | — |
| 73 | 3,81+0 | — | 1,87+0 | 1,32+0 |
| 75 | 6,93+0 | 2,03+0 | 2,37+0 | 2,74+0 |
| 80 | 3,11+1 | 1,37+1 | 1,12+1 | 1,70+1 |
| 85 | 1,39+2 | 1,14+2 | 1,07+2 | 1,29+2 |
| 90 | 6,63+2 | 9,65+2 | 1,08+3 | 1,00+3 |
| 95 | 3,17+3 | 5,69+3 | 6,77+3 | 5,69+3 |
| 105 | 4,62+3 | 8,96+3 | 1,09+4 | 8,96+3 |

Таблица 364 — Ноябрь, $\bar{W}=100$, $\varphi=75^\circ$ с ш.,
 $\lambda=215^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | | | |
|-------|---|--------|--------|--------|
| | 123,5° | 100,0° | 93,5° | 100,0° |
| | и f, ч | | | |
| | 0,0 | 8,1 | 12,0 | 15,8 |
| 45 | — | — | — | — |
| 50 | — | — | — | — |
| 53 | — | — | 1,59+0 | — |
| 55 | — | — | 3,16+0 | — |
| 57 | — | — | 4,73+0 | — |
| 59 | — | — | 6,13+0 | — |
| 61 | — | — | 6,72+0 | — |
| 63 | — | — | 5,57+0 | — |
| 65 | — | — | 3,55+0 | — |
| 67 | — | — | 2,96+0 | — |
| 69 | 1,15+0 | — | 2,53+0 | — |
| 71 | 2,09+0 | — | 2,27+0 | — |
| 73 | 3,81+0 | 1,09+0 | 2,28+0 | 1,53+0 |
| 75 | 6,93+0 | 2,34+0 | 2,88+0 | 3,17+0 |
| 80 | 3,11+1 | 1,59+1 | 1,35+1 | 1,96+1 |
| 85 | 1,39+2 | 1,32+2 | 1,30+2 | 1,49+2 |
| 90 | 6,63+2 | 1,12+3 | 1,30+3 | 1,16+3 |
| 95 | 3,17+3 | 6,58+3 | 8,17+3 | 6,58+3 |
| 105 | 4,62+3 | 1,04+4 | 1,32+4 | 1,04+4 |

Таблица 365 — Ноябрь, $\bar{W}=10$, $\varphi=75^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | |
|-------|---|--------|--------|--------|
| | 123,5° | 100,0° | 93,5° | 100,0° |
| | и т. ч. | | | |
| | 0,0 | 8,1 | 12,0 | 15,8 |
| 45 | — | — | — | — |
| 50 | — | — | 1,99+0 | — |
| 53 | — | — | 4,35+0 | — |
| 55 | — | — | 6,07+0 | — |
| 67 | — | — | 7,10+0 | — |
| 59 | — | — | 7,96+0 | — |
| 61 | — | — | 7,86+0 | — |
| 63 | — | — | 6,05+0 | — |
| 65 | 1,23+0 | — | 3,72+0 | — |
| 67 | 2,24+0 | — | 3,12+0 | — |
| 69 | 4,09+0 | — | 2,70+0 | — |
| 71 | 7,45+0 | — | 2,52+0 | 1,43+0 |
| 73 | 1,36+1 | 2,11+0 | 2,76+0 | 2,95+0 |
| 75 | 2,47+1 | 4,52+0 | 3,91+0 | 6,12+0 |
| 80 | 1,11+2 | 3,06+1 | 2,14+1 | 3,79+1 |
| 85 | 4,97+2 | 2,59+2 | 2,13+2 | 2,93+2 |
| 90 | 2,26+3 | 2,20+3 | 2,18+3 | 2,28+3 |
| 95 | 8,60+3 | 1,21+4 | 1,34+4 | 1,21+4 |
| 105 | 1,22+4 | 1,90+4 | 2,16+4 | 1,90+4 |

Таблица 366 — Ноябрь, $\bar{W}=100$, $\varphi=75^\circ$ с. ш.,
 $\lambda=355^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при γ | | | |
|-------|---|--------|--------|--------|
| | 123,5° | 100,0° | 93,5° | 100,0° |
| | и т. ч. | | | |
| | 0,0 | 8,1 | 12,0 | 15,8 |
| 45 | — | — | — | — |
| 50 | — | — | — | — |
| 53 | — | — | 1,97+0 | — |
| 55 | — | — | 3,90+0 | — |
| 57 | — | — | 5,83+0 | — |
| 59 | — | — | 7,57+0 | — |
| 61 | — | — | 8,44+0 | — |
| 63 | — | — | 7,10+0 | — |
| 65 | 1,23+0 | — | 4,60+0 | — |
| 67 | 2,24+0 | — | 3,86+0 | — |
| 69 | 4,09+0 | — | 3,34+0 | — |
| 71 | 7,45+0 | 1,13+0 | 3,10+0 | 1,64+0 |
| 73 | 1,36+1 | 2,42+0 | 3,38+0 | 3,40+0 |
| 75 | 2,47+1 | 5,20+0 | 4,74+0 | 7,04+0 |
| 80 | 1,11+2 | 3,52+1 | 2,57+1 | 4,36+1 |
| 85 | 4,97+2 | 2,97+2 | 2,55+2 | 3,37+2 |
| 90 | 2,26+3 | 2,52+3 | 2,61+3 | 2,62+3 |
| 95 | 8,60+3 | 1,39+4 | 1,61+4 | 1,39+4 |
| 105 | 1,22+4 | 2,18+4 | 2,59+4 | 2,18+4 |

Таблица 367 — Ноябрь, $\bar{W}=10$,
 $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--------|
| | 118,5° | 98,5° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | 1,10+0 | — |
| 65 | 2,00+0 | — |
| 67 | 3,64+0 | — |
| 69 | 6,64+0 | — |
| 71 | 1,21+1 | 1,95+0 |
| 73 | 2,20+1 | 3,94+0 |
| 75 | 4,02+1 | 7,65+0 |
| 80 | 1,80+2 | 4,38+1 |
| 85 | 8,07+2 | 3,61+2 |
| 90 | 3,65+3 | 3,09+3 |
| 95 | 1,33+4 | 1,69+4 |
| 105 | 1,89+4 | 2,65+4 |

Таблица 368 — Ноябрь, $\bar{W}=100$,
 $\varphi=80^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--------|
| | 118,5° | 98,5° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | 1,10+0 | — |
| 65 | 2,00+0 | — |
| 67 | 3,64+0 | — |
| 69 | 6,64+0 | — |
| 71 | 1,21+1 | 1,80+0 |
| 73 | 2,20+1 | 3,64+0 |
| 75 | 4,02+1 | 7,86+0 |
| 80 | 1,80+2 | 4,99+1 |
| 85 | 8,07+2 | 4,15+2 |
| 90 | 3,65+3 | 3,55+3 |
| 95 | 1,33+4 | 1,95+4 |
| 105 | 1,89+4 | 3,04+4 |

Таблица 369 — Ноябрь, $\bar{W}=10$,
 $\varphi=80^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--------|
| | 118,5° | 98,5° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,11+0 | — |
| 75 | 2,02+0 | 1,53+0 |
| 80 | 9,07+0 | 6,82+0 |
| 85 | 4,07+1 | 4,60+1 |
| 90 | 2,22+2 | 3,70+2 |
| 95 | 1,68+3 | 2,42+3 |
| 105 | 2,52+3 | 3,85+3 |

Таблица 370 — Ноябрь, $\bar{W}=100$,
 $\varphi=80^\circ$ с. ш., $\lambda=285^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--------|
| | 118,5° | 98,5° |
| | и t, ч | |
| | 0,0 | 12,0 |
| 45 | — | — |
| 50 | — | — |
| 53 | — | — |
| 55 | — | — |
| 57 | — | — |
| 59 | — | — |
| 61 | — | — |
| 63 | — | — |
| 65 | — | — |
| 67 | — | — |
| 69 | — | — |
| 71 | — | — |
| 73 | 1,11+0 | — |
| 75 | 2,02+0 | 1,42+0 |
| 80 | 9,07+0 | 7,97+0 |
| 85 | 4,07+1 | 5,55+1 |
| 90 | 2,22+2 | 4,46+2 |
| 95 | 1,68+3 | 2,92+3 |
| 105 | 2,52+3 | 4,65+3 |

Таблица 371 — Ноябрь, $\overline{W}=10$,
 $\varphi=90^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--|
| | 108,5° | |
| | и т. ч. | |
| | 0—24 | |
| 45 | — | |
| 50 | — | |
| 53 | — | |
| 55 | — | |
| 57 | — | |
| 59 | — | |
| 61 | — | |
| 63 | — | |
| 65 | — | |
| 67 | — | |
| 69 | — | |
| 71 | — | |
| 73 | 1,12+0 | |
| 75 | 2,05+0 | |
| 80 | 9,17+0 | |
| 85 | 4,11+1 | |
| 90 | 2,24+2 | |
| 95 | 1,69+3 | |
| 105 | 2,53+3 | |

Таблица 372 — Ноябрь, $\overline{W}=100$,
 $\varphi=90^\circ$ с. ш., $\lambda=90^\circ$

| h, км | Концентрация электронов N_e , см ⁻³ при χ | |
|-------|--|--|
| | 108,5° | |
| | и т. ч. | |
| | 0—24 | |
| 45 | — | |
| 50 | — | |
| 53 | — | |
| 55 | — | |
| 57 | — | |
| 59 | — | |
| 61 | — | |
| 63 | — | |
| 65 | — | |
| 67 | — | |
| 69 | — | |
| 71 | — | |
| 73 | 1,12+0 | |
| 75 | 2,05+0 | |
| 80 | 9,17+0 | |
| 85 | 4,11+1 | |
| 90 | 2,24+2 | |
| 95 | 1,69+3 | |
| 105 | 2,53+3 | |

Таблица 373 — Северное полушарие — январь южное полушарие — июль

| h, км | Широта | | | | | | | | | | | |
|-------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0° | 30° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 90° |
| | Эффективная частота соударений электронов ν_e , с ⁻¹ | | | | | | | | | | | |
| 46 | 1,69+8 | 1,56+8 | 1,46+8 | 1,46+8 | 1,38+8 | 1,28+8 | 1,26+8 | 1,24+8 | 1,12+8 | 9,86+7 | 1,02+8 | 1,02+8 |
| 50 | 9,04+7 | 8,37+7 | 7,76+7 | 7,67+7 | 7,11+7 | 6,53+7 | 6,35+7 | 6,21+7 | 5,57+7 | 4,93+7 | 5,23+7 | 5,23+7 |
| 53 | 6,55+7 | 6,06+7 | 5,57+7 | 5,47+7 | 5,04+7 | 4,61+7 | 4,49+7 | 4,37+7 | 3,91+7 | 3,46+7 | 3,69+7 | 3,69+7 |
| 56 | 5,40+7 | 4,99+7 | 4,56+7 | 4,46+7 | 4,10+7 | 3,74+7 | 3,65+7 | 3,56+7 | 3,17+7 | 2,80+7 | 3,00+7 | 3,00+7 |
| 57 | 4,36+7 | 4,01+7 | 3,66+7 | 3,58+7 | 3,27+7 | 2,97+7 | 2,90+7 | 2,84+7 | 2,52+7 | 2,21+7 | 2,36+7 | 2,36+7 |
| 59 | 3,51+7 | 3,21+7 | 2,92+7 | 2,87+7 | 2,61+7 | 2,35+7 | 2,30+7 | 2,25+7 | 1,99+7 | 1,72+7 | 1,84+7 | 1,84+7 |
| 61 | 2,80+7 | 2,55+7 | 2,32+7 | 2,29+7 | 2,07+7 | 1,86+7 | 1,81+7 | 1,79+7 | 1,57+7 | 1,35+7 | 1,43+7 | 1,43+7 |
| 63 | 2,21+7 | 2,02+7 | 1,83+7 | 1,80+7 | 1,64+7 | 1,48+7 | 1,44+7 | 1,41+7 | 1,23+7 | 1,05+7 | 1,12+7 | 1,12+7 |
| 65 | 1,73+7 | 1,59+7 | 1,43+7 | 1,41+7 | 1,29+7 | 1,17+7 | 1,14+7 | 1,11+7 | 9,65+6 | 8,25+6 | 8,81+6 | 8,81+6 |
| 67 | 1,34+7 | 1,23+7 | 1,11+7 | 1,10+7 | 1,00+7 | 9,12+6 | 8,98+6 | 8,61+6 | 7,47+6 | 6,39+6 | 6,82+6 | 6,82+6 |
| 69 | 1,02+7 | 9,43+6 | 8,59+6 | 8,48+6 | 7,77+6 | 7,05+6 | 6,84+6 | 6,62+6 | 5,75+6 | 4,92+6 | 5,26+6 | 5,26+6 |
| 71 | 7,72+6 | 7,15+6 | 6,58+6 | 6,52+6 | 5,98+6 | 5,43+6 | 5,26+6 | 5,07+6 | 4,39+6 | 3,78+6 | 4,04+6 | 4,04+6 |
| 73 | 5,75+6 | 5,39+6 | 5,01+6 | 4,97+6 | 4,60+6 | 4,20+6 | 4,04+6 | 3,85+6 | 3,34+6 | 2,90+6 | 3,11+6 | 3,11+6 |
| 75 | 4,24+6 | 4,03+6 | 3,78+6 | 3,76+6 | 3,52+6 | 3,24+6 | 3,10+6 | 2,91+6 | 2,52+6 | 2,23+6 | 2,40+6 | 2,40+6 |
| 80 | 1,97+6 | 1,89+6 | 1,83+6 | 1,82+6 | 1,73+6 | 1,61+6 | 1,53+6 | 1,41+6 | 1,22+6 | 1,10+6 | 1,20+6 | 1,20+6 |
| 85 | 8,33+5 | 8,09+5 | 7,99+5 | 7,92+5 | 7,83+5 | 7,58+5 | 6,96+5 | 6,10+5 | 5,53+5 | 5,66+5 | 6,50+5 | 6,50+5 |
| 90 | 3,49+5 | 3,39+5 | 3,49+5 | 3,43+5 | 3,49+5 | 3,50+5 | 3,17+5 | 2,69+5 | 2,52+5 | 2,84+5 | 3,40+5 | 3,40+5 |
| 95 | 1,42+5 | 1,42+5 | 1,50+5 | 1,47+5 | 1,57+5 | 1,65+5 | 1,47+5 | 1,20+5 | 1,16+5 | 1,43+5 | 1,75+5 | 1,75+5 |
| 105 | 2,65+4 | 2,64+4 | 3,01+4 | 2,91+4 | 3,21+4 | 3,49+4 | 3,00+4 | 2,34+4 | 2,46+4 | 3,60+4 | 4,73+4 | 4,73+4 |

Таблица 374 — Северное полушарие — июнь, южное полушарие — декабрь

| h, км | Широта | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0° | 30° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 90° |
| Эффективная частота соударений электронов ν_e с ⁻¹ | | | | | | | | | | | | |
| 45 | 1,68+8 | 1,75+8 | 1,77+8 | 1,76+8 | 1,83+8 | 1,91+8 | 1,88+8 | 1,82+8 | 1,90+8 | 2,10+8 | 2,16+8 | 2,16+8 |
| 50 | 9,10+7 | 9,47+7 | 9,67+7 | 9,67+7 | 1,00+8 | 1,04+8 | 1,03+8 | 1,01+8 | 1,04+8 | 1,11+8 | 1,12+8 | 1,12+8 |
| 53 | 6,60+7 | 6,87+7 | 7,03+7 | 7,04+7 | 7,29+7 | 7,58+7 | 7,56+7 | 7,41+7 | 7,64+7 | 8,15+7 | 8,17+7 | 8,17+7 |
| 55 | 5,44+7 | 5,66+7 | 5,78+7 | 5,79+7 | 6,03+7 | 6,29+7 | 6,26+7 | 6,14+7 | 6,36+7 | 6,84+7 | 6,87+7 | 6,87+7 |
| 57 | 4,40+7 | 4,58+7 | 4,68+7 | 4,70+7 | 4,89+7 | 5,10+7 | 5,09+7 | 5,00+7 | 5,18+7 | 5,55+7 | 5,55+7 | 5,55+7 |
| 59 | 3,55+7 | 3,68+7 | 3,78+7 | 3,80+7 | 3,95+7 | 4,12+7 | 4,12+7 | 4,06+7 | 4,20+7 | 4,45+7 | 4,43+7 | 4,43+7 |
| 61 | 2,84+7 | 2,94+7 | 3,02+7 | 3,05+7 | 3,17+7 | 3,30+7 | 3,31+7 | 3,28+7 | 3,38+7 | 3,55+7 | 3,51+7 | 3,51+7 |
| 63 | 2,25+7 | 2,32+7 | 2,38+7 | 2,42+7 | 2,52+7 | 2,62+7 | 2,64+7 | 2,63+7 | 2,71+7 | 2,82+7 | 2,76+7 | 2,76+7 |
| 65 | 1,76+7 | 1,81+7 | 1,86+7 | 1,90+7 | 1,98+7 | 2,06+7 | 2,08+7 | 2,09+7 | 2,16+7 | 2,23+7 | 2,16+7 | 2,16+7 |
| 67 | 1,36+7 | 1,40+7 | 1,44+7 | 1,47+7 | 1,54+7 | 1,60+7 | 1,62+7 | 1,64+7 | 1,69+7 | 1,74+7 | 1,68+7 | 1,68+7 |
| 69 | 1,04+7 | 1,07+7 | 1,10+7 | 1,13+7 | 1,18+7 | 1,23+7 | 1,25+7 | 1,27+7 | 1,31+7 | 1,35+7 | 1,29+7 | 1,29+7 |
| 71 | 7,88+6 | 8,14+6 | 8,35+6 | 8,54+6 | 8,95+6 | 9,38+6 | 9,59+6 | 9,79+6 | 1,01+7 | 1,03+7 | 9,79+6 | 9,79+6 |
| 73 | 5,89+6 | 6,08+6 | 6,21+6 | 6,36+6 | 6,68+6 | 7,00+6 | 7,21+6 | 7,38+6 | 7,63+6 | 7,70+6 | 7,26+6 | 7,26+6 |
| 75 | 4,35+6 | 4,49+6 | 4,55+6 | 4,68+6 | 4,91+6 | 5,15+6 | 5,35+6 | 5,54+6 | 5,72+6 | 5,69+6 | 5,29+6 | 5,29+6 |
| 80 | 2,03+6 | 2,05+6 | 2,03+6 | 2,07+6 | 2,16+6 | 2,27+6 | 2,37+6 | 2,46+6 | 2,54+6 | 2,53+6 | 2,38+6 | 2,38+6 |
| 85 | 8,62+5 | 8,41+5 | 7,85+5 | 7,65+5 | 7,94+5 | 8,38+5 | 8,48+5 | 8,49+5 | 9,10+5 | 1,02+6 | 1,07+6 | 1,07+6 |
| 90 | 3,68+5 | 3,38+5 | 2,91+5 | 2,61+5 | 2,65+5 | 2,82+5 | 2,73+5 | 2,57+5 | 2,87+5 | 3,86+5 | 4,80+5 | 4,80+5 |
| 95 | 1,50+5 | 1,34+5 | 1,05+5 | 8,79+4 | 8,85+4 | 9,57+4 | 9,03+4 | 8,17+4 | 9,68+4 | 1,53+5 | 2,17+5 | 2,17+5 |
| 105 | 2,69+4 | 2,49+4 | 2,01+4 | 1,62+4 | 1,61+4 | 1,73+4 | 1,60+4 | 1,41+4 | 1,70+4 | 2,90+4 | 4,30+4 | 4,30+4 |

330 Таблица 375 — Северное полушарие — сентябрь, южное полушарие — март

| h, км | Широта | | | | | | | | | | | |
|-------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0° | 30° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 90° |
| | Эффективная частота соударений электронов $\nu_e, \text{с}^{-1}$ | | | | | | | | | | | |
| 45 | 1,68+8 | 1,70+8 | 1,74+8 | 1,73+8 | 1,77+8 | 1,81+8 | 1,75+8 | 1,66+8 | 1,68+8 | 1,83+8 | 1,94+8 | 1,94+8 |
| 50 | 9,05+7 | 9,06+7 | 9,31+7 | 9,33+7 | 9,51+7 | 9,66+7 | 9,42+7 | 9,02+7 | 9,04+7 | 9,59+7 | 1,00+8 | 1,00+8 |
| 53 | 6,53+7 | 6,53+7 | 6,70+7 | 6,70+7 | 6,85+7 | 6,97+7 | 6,79+7 | 6,48+7 | 6,52+7 | 6,97+7 | 7,30+7 | 7,30+7 |
| 55 | 5,36+7 | 5,37+7 | 5,49+7 | 5,47+7 | 5,60+7 | 5,72+7 | 5,55+7 | 5,28+7 | 5,34+7 | 5,79+7 | 6,11+7 | 6,11+7 |
| 57 | 4,31+7 | 4,31+7 | 4,39+7 | 4,37+7 | 4,49+7 | 4,59+7 | 4,46+7 | 4,26+7 | 4,31+7 | 4,67+7 | 4,92+7 | 4,92+7 |
| 59 | 3,45+7 | 3,43+7 | 3,49+7 | 3,48+7 | 3,57+7 | 3,66+7 | 3,58+7 | 3,43+7 | 3,48+7 | 3,75+7 | 3,92+7 | 3,92+7 |
| 61 | 2,75+7 | 2,73+7 | 2,76+7 | 2,75+7 | 2,82+7 | 2,89+7 | 2,85+7 | 2,75+7 | 2,79+7 | 2,98+7 | 3,10+7 | 3,10+7 |
| 63 | 2,18+7 | 2,16+7 | 2,15+7 | 2,14+7 | 2,20+7 | 2,26+7 | 2,24+7 | 2,18+7 | 2,21+7 | 2,35+7 | 2,44+7 | 2,44+7 |
| 65 | 1,72+7 | 1,70+7 | 1,66+7 | 1,65+7 | 1,70+7 | 1,76+7 | 1,75+7 | 1,71+7 | 1,74+7 | 1,85+7 | 1,91+7 | 1,91+7 |
| 67 | 1,33+7 | 1,32+7 | 1,27+7 | 1,26+7 | 1,30+7 | 1,35+7 | 1,35+7 | 1,33+7 | 1,36+7 | 1,43+7 | 1,48+7 | 1,48+7 |
| 69 | 1,03+7 | 1,01+7 | 9,64+6 | 9,53+6 | 9,80+6 | 1,02+7 | 1,04+7 | 1,03+7 | 1,05+7 | 1,11+7 | 1,14+7 | 1,14+7 |
| 71 | 7,81+6 | 7,70+6 | 7,24+6 | 7,18+6 | 7,33+6 | 7,68+6 | 7,84+6 | 7,82+6 | 7,98+6 | 8,43+6 | 8,68+6 | 8,68+6 |
| 73 | 5,91+6 | 5,82+6 | 5,39+6 | 5,30+6 | 5,44+6 | 5,70+6 | 5,86+6 | 5,90+6 | 6,02+6 | 6,29+6 | 6,45+6 | 6,45+6 |
| 75 | 4,44+6 | 4,36+6 | 3,98+6 | 3,91+6 | 4,00+6 | 4,18+6 | 4,33+6 | 4,40+6 | 4,48+6 | 4,63+6 | 4,72+6 | 4,72+6 |
| 80 | 2,12+6 | 2,04+6 | 1,81+6 | 1,77+6 | 1,78+6 | 1,84+6 | 1,91+6 | 1,98+6 | 2,04+6 | 2,10+6 | 2,14+6 | 2,14+6 |
| 85 | 9,18+5 | 8,77+5 | 7,47+5 | 7,02+5 | 7,00+5 | 7,26+5 | 7,43+5 | 7,54+5 | 8,02+5 | 9,03+5 | 9,87+5 | 9,87+5 |
| 90 | 3,92+5 | 3,68+5 | 3,05+5 | 2,78+5 | 2,76+5 | 2,86+5 | 2,82+5 | 2,75+5 | 3,03+5 | 3,79+5 | 4,52+5 | 4,52+5 |
| 95 | 1,67+5 | 1,58+5 | 1,30+5 | 1,16+5 | 1,15+5 | 1,19+5 | 1,12+5 | 1,04+5 | 1,17+5 | 1,62+5 | 2,09+5 | 2,09+5 |
| 105 | 3,36+4 | 3,23+4 | 2,60+4 | 2,19+4 | 2,15+4 | 2,23+4 | 1,99+4 | 1,67+4 | 1,86+4 | 2,93+4 | 4,37+4 | 4,37+4 |

Таблица 376 — Северное полушарие — ноябрь, южное полушарие — май

| h, км | Широта | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0° | 30° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 90° |
| Эффективная частота соударений электронов $\nu_e \cdot \text{с}^{-1}$ | | | | | | | | | | | | |
| 45 | 1,70+8 | 1,59+8 | 1,49+8 | 1,46+8 | 1,39+8 | 1,33+8 | 1,33+8 | 1,34+8 | 1,31+8 | 1,27+8 | 1,32+8 | 1,32+8 |
| 50 | 9,23+7 | 8,51+7 | 7,87+7 | 7,65+7 | 7,17+7 | 6,77+7 | 6,77+7 | 6,94+7 | 6,81+7 | 6,54+7 | 6,82+7 | 6,82+7 |
| 53 | 6,69+7 | 6,14+7 | 5,65+7 | 5,45+7 | 5,08+7 | 4,79+7 | 4,82+7 | 4,95+7 | 4,86+7 | 4,67+7 | 4,90+7 | 4,90+7 |
| 55 | 5,50+7 | 5,04+7 | 4,62+7 | 4,44+7 | 4,13+7 | 3,91+7 | 3,94+7 | 4,05+7 | 3,97+7 | 3,83+7 | 4,04+7 | 4,04+7 |
| 57 | 4,44+7 | 4,06+7 | 3,71+7 | 3,55+7 | 3,29+7 | 3,11+7 | 3,15+7 | 3,24+7 | 3,17+7 | 3,05+7 | 3,22+7 | 3,22+7 |
| 59 | 3,57+7 | 3,25+7 | 2,96+7 | 2,83+7 | 2,62+7 | 2,47+7 | 2,50+7 | 2,58+7 | 2,51+7 | 2,40+7 | 2,53+7 | 2,53+7 |
| 61 | 2,85+7 | 2,59+7 | 2,34+7 | 2,24+7 | 2,07+7 | 1,94+7 | 1,97+7 | 2,04+7 | 1,98+7 | 1,88+7 | 1,99+7 | 1,99+7 |
| 63 | 2,26+7 | 2,04+7 | 1,83+7 | 1,76+7 | 1,62+7 | 1,53+7 | 1,55+7 | 1,60+7 | 1,56+7 | 1,48+7 | 1,56+7 | 1,56+7 |
| 65 | 1,77+7 | 1,60+7 | 1,42+7 | 1,36+7 | 1,26+7 | 1,19+7 | 1,21+7 | 1,25+7 | 1,22+7 | 1,16+7 | 1,22+7 | 1,22+7 |
| 67 | 1,38+7 | 1,24+7 | 1,10+7 | 1,05+7 | 9,71+6 | 9,23+6 | 9,42+6 | 9,73+6 | 9,43+6 | 8,94+6 | 9,46+6 | 9,46+6 |
| 69 | 1,06+7 | 9,50+6 | 8,41+6 | 7,99+6 | 7,42+6 | 7,12+6 | 7,30+6 | 7,50+6 | 7,20+6 | 6,84+6 | 7,30+6 | 7,30+6 |
| 71 | 8,06+6 | 7,22+6 | 6,39+6 | 6,06+6 | 5,65+6 | 5,46+6 | 5,61+6 | 5,73+6 | 5,48+6 | 5,21+6 | 5,59+6 | 5,59+6 |
| 73 | 6,06+6 | 5,43+6 | 4,80+6 | 4,57+6 | 4,29+6 | 4,16+6 | 4,27+6 | 4,35+6 | 4,16+6 | 3,95+6 | 4,23+6 | 4,23+6 |
| 75 | 4,51+6 | 4,06+6 | 3,67+6 | 3,42+6 | 3,24+6 | 3,15+6 | 3,22+6 | 3,28+6 | 3,14+6 | 2,98+6 | 3,17+6 | 3,17+6 |
| 80 | 2,12+6 | 1,92+6 | 1,69+6 | 1,63+6 | 1,56+6 | 1,54+6 | 1,59+6 | 1,61+6 | 1,53+6 | 1,44+6 | 1,52+6 | 1,52+6 |
| 85 | 9,14+5 | 8,22+5 | 7,36+5 | 7,09+5 | 6,97+5 | 7,06+5 | 7,23+5 | 7,21+5 | 7,02+5 | 7,06+5 | 7,62+5 | 7,62+5 |
| 90 | 3,92+5 | 3,53+5 | 3,20+5 | 3,06+5 | 3,07+5 | 3,19+5 | 3,25+5 | 3,19+5 | 3,20+5 | 3,43+5 | 3,78+5 | 3,78+5 |
| 95 | 1,62+5 | 1,50+5 | 1,40+5 | 1,35+5 | 1,39+5 | 1,47+5 | 1,47+5 | 1,41+5 | 1,46+5 | 1,67+5 | 1,86+5 | 1,86+5 |
| 105 | 3,01+4 | 3,06+4 | 2,94+4 | 2,76+4 | 2,97+4 | 3,29+4 | 3,15+4 | 2,80+4 | 2,98+4 | 3,88+4 | 4,60+4 | 4,60+4 |

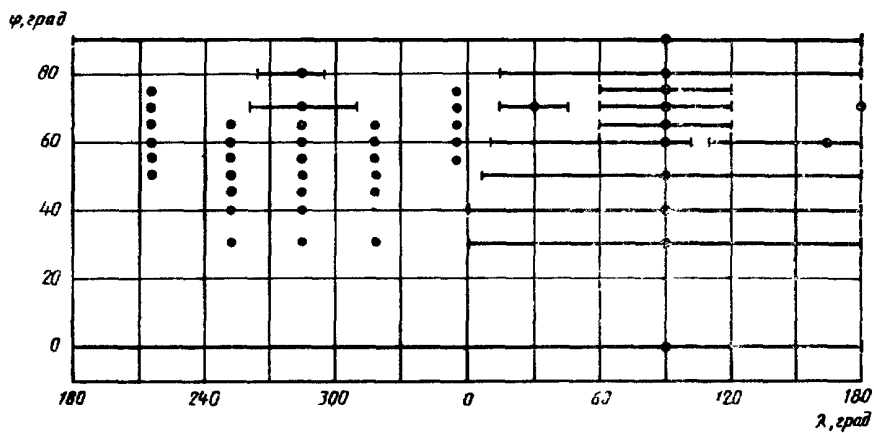


Рисунок А.1 — Схема — пояснение к интерполяции по координатам значений N_e таблиц 3—372

УДК 629.78:006.354

T27

ОКСТУ 0080

Ключевые слова: ионосфера, концентрация электронов, эффективная частота соударений электронов, модель ионосферы, гелиогеофизические условия

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