

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc

January 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 65.0 | 64.6 | 63.7 | 61.5 | 60.1 | 60.1 | 60.2 | 60.1 | 60.0 | 60.5 | 61.1 | 61.2 | 62.2 | 63.2 | 64.4 | 65.8 | 67.2 | 68.2 | 68.4 | 67.9 | 66.8 | 65.9 | 65.9 | 65.8 | 1529.8 | 63.74 | |
| 2 | 64.3 | 63.9 | 63.7 | 61.9 | 60.7 | 59.8 | 59.0 | 57.6 | 57.8 | 60.2 | 61.2 | 61.6 | 62.1 | 63.0 | 63.4 | 64.0 | 65.1 | 66.5 | 66.8 | 66.2 | 65.7 | 64.8 | 64.7 | 64.2 | 1508.2 | 62.84 | |
| 3 | 64.0 | 63.9 | 63.7 | 63.1 | 62.9 | 62.0 | 61.1 | 60.2 | 59.8 | 60.1 | 59.8 | 60.6 | 62.6 | 64.8 | 66.4 | 66.2 | 66.7 | 66.7 | 67.6 | 67.2 | 66.2 | 65.6 | 65.3 | 65.1 | 1531.6 | 63.82 | |
| 4 Q | 64.8 | 64.5 | 64.0 | 63.7 | 63.0 | 62.2 | 61.6 | 61.1 | 60.6 | 60.3 | 60.2 | 61.9 | 63.0 | 63.7 | 64.7 | 65.5 | 65.7 | 65.8 | 65.6 | 64.8 | 64.4 | 63.9 | 63.9 | 64.7 | 1523.6 | 63.48 | |
| 5 Q | 64.4 | 64.0 | 63.7 | 63.6 | 63.1 | 62.3 | 61.3 | 60.4 | 59.4 | 59.1 | 58.5 | 59.3 | 61.6 | 63.3 | 64.8 | 65.6 | 66.2 | 67.5 | 67.0 | 65.8 | 64.3 | 63.6 | 63.7 | 63.0 | 1515.5 | 63.15 | |
| 6 | 64.1 | 64.0 | 63.7 | 62.2 | 61.3 | 61.3 | 60.7 | 59.4 | 58.5 | 57.7 | 57.8 | 58.2 | 59.9 | 62.1 | 66.3 | 66.7 | 67.6 | 67.4 | 65.9 | 64.3 | 63.8 | 67.3 | 62.4 | 62.4 | 1505.0 | 62.71 | |
| 7 | 62.7 | 63.0 | 63.1 | 63.0 | 62.6 | 62.1 | 61.2 | 59.4 | 58.3 | 57.5 | 57.1 | 57.4 | 60.2 | 62.3 | 64.8 | 66.6 | 68.2 | 68.4 | 68.3 | 68.2 | 66.9 | 65.0 | 63.8 | 63.2 | 1513.3 | 63.05 | |
| 8 | 63.1 | 63.1 | 63.0 | 62.8 | 62.9 | 62.2 | 61.3 | 60.3 | 59.3 | 58.2 | 58.3 | 58.4 | 60.1 | 62.2 | 64.7 | 65.9 | 68.2 | 67.8 | 66.0 | 64.8 | 64.5 | 63.9 | 64.0 | 64.1 | 1509.1 | 62.88 | |
| 9 | 63.4 | 63.0 | 62.0 | 61.3 | 60.9 | 61.2 | 61.1 | 60.7 | 60.2 | 59.2 | 58.1 | 58.5 | 61.0 | 62.7 | 64.1 | 66.7 | --- | --- | 68.6 | 68.0 | 67.0 | 65.0 | 64.0 | 64.6 | 1381.3 | --- | |
| 10 D | 64.4 | 63.8 | 63.0 | 57.9 | 60.1 | 55.5 | 57.1 | 55.6 | 51.3 | 52.0 | 59.2 | 65.9 | 68.2 | 72.0 | 71.5 | 73.9 | 74.5 | 72.6 | 71.6 | 74.2 | 68.7 | 68.4 | 65.9 | 61.5 | 1548.8 | 64.53 | |
| 11 D | 62.1 | 64.0 | 63.0 | 63.0 | 62.2 | 62.5 | 63.7 | 62.0 | 60.7 | 60.6 | 60.2 | 60.2 | 62.1 | 64.2 | 66.0 | 67.1 | 68.7 | 68.6 | 68.3 | 66.6 | 65.5 | 64.2 | 64.0 | 64.8 | 1534.3 | 63.93 | |
| 12 | 65.2 | 65.4 | 64.2 | 63.4 | 63.0 | 62.4 | 62.1 | 61.8 | 61.9 | 61.0 | 60.1 | 61.1 | 62.7 | 64.3 | 65.3 | 66.5 | 67.6 | 68.5 | 69.0 | 68.5 | 67.7 | 67.5 | 67.6 | 67.1 | 1553.9 | 64.75 | |
| 13 | 65.3 | 65.0 | 64.2 | 63.7 | 62.9 | 62.2 | 62.1 | 61.6 | 61.0 | 60.5 | 59.0 | 59.3 | 60.3 | 61.6 | 63.1 | 64.7 | 65.9 | 67.2 | 67.1 | 66.7 | 65.4 | 64.2 | 64.5 | 64.8 | 1522.3 | 63.43 | |
| 14 | 64.7 | 64.7 | 64.7 | 63.9 | 63.1 | 62.8 | 62.4 | 62.0 | 60.3 | 59.1 | 58.4 | 59.3 | 61.2 | 61.8 | 63.0 | 65.9 | 69.5 | 71.7 | 72.0 | 71.1 | 70.4 | 69.8 | 69.1 | 65.9 | 1556.8 | 64.87 | |
| 15 | 65.3 | 64.3 | 63.8 | 63.6 | 63.3 | 63.1 | 62.6 | 62.5 | 61.2 | 61.2 | 61.1 | 61.3 | 61.2 | 62.1 | 63.4 | 65.5 | 67.3 | 67.3 | 66.6 | 65.9 | 65.0 | 65.2 | 63.0 | 63.4 | 1529.2 | 63.72 | |
| 16 D | 64.7 | 64.7 | 63.9 | 63.3 | 63.0 | 62.9 | 61.2 | 59.1 | 60.7 | 60.5 | 61.1 | 61.9 | 64.9 | 64.7 | 65.4 | 66.8 | 68.6 | 69.4 | 68.5 | 68.2 | 68.3 | 67.4 | 66.2 | 63.9 | 1549.3 | 64.55 | |
| 17 | 64.6 | 64.4 | 63.9 | 64.0 | 63.7 | 63.1 | 62.0 | 61.2 | 60.7 | 60.2 | 60.1 | 60.1 | 62.0 | 63.7 | 63.8 | 64.8 | 66.4 | 67.4 | 66.8 | 65.4 | 65.5 | 65.3 | 65.3 | 65.7 | 1530.1 | 63.75 | |
| 18 | 65.2 | 64.4 | 64.3 | 64.1 | 63.7 | 62.8 | 61.8 | 61.1 | 60.1 | 58.7 | 58.7 | 60.2 | 62.1 | 62.8 | 63.9 | 65.3 | 67.0 | 66.8 | 65.8 | 64.9 | 64.6 | 64.4 | 64.7 | 64.8 | 1522.2 | 63.43 | |
| 19 D | 64.7 | 64.7 | 64.2 | 63.5 | 62.6 | 62.1 | 59.8 | 57.6 | 56.7 | 56.6 | 57.9 | 59.3 | 60.0 | 62.4 | 65.7 | 68.0 | 70.0 | 72.8 | 70.5 | 68.3 | 67.5 | 65.5 | 64.2 | 64.3 | 1528.9 | 63.70 | |
| 20 | --- | --- | 63.6 | 63.0 | 66.5 | 62.1 | 62.0 | 61.0 | 60.1 | 60.1 | 59.3 | 60.1 | 61.6 | 62.5 | 63.5 | 64.8 | 66.7 | 67.1 | 67.1 | 66.9 | 66.6 | 66.7 | 66.2 | 66.2 | 1403.7 | --- | |
| 21 | 65.7 | 65.0 | 64.3 | 63.4 | 62.8 | 61.8 | 60.5 | 60.8 | 60.6 | 59.5 | 59.3 | 59.4 | 61.2 | 63.9 | 64.1 | 64.8 | 67.0 | 68.6 | 68.6 | 67.6 | 66.5 | 65.1 | 64.2 | 64.2 | 1528.9 | 63.70 | |
| 22 Q | 64.3 | 64.1 | 64.0 | 63.8 | 63.4 | 62.9 | 62.1 | 61.2 | 60.5 | 60.2 | 60.2 | 59.5 | 59.7 | 61.0 | 63.0 | 65.8 | 68.1 | 68.7 | 68.0 | 66.3 | 64.3 | 62.8 | 62.5 | 63.2 | 1519.6 | 63.32 | |
| 23 Q | 64.2 | 64.4 | 64.1 | 63.4 | 63.1 | 62.6 | 62.1 | 61.4 | 60.9 | 60.2 | 59.4 | 59.7 | 60.9 | 62.0 | 63.2 | 64.8 | 66.4 | 67.9 | 68.0 | 67.1 | 65.9 | 64.4 | 63.7 | 63.9 | 1523.6 | 63.48 | |
| 24 Q | 64.2 | 64.3 | 63.9 | 63.6 | 63.0 | 62.3 | 61.7 | 61.4 | 61.2 | 60.4 | 59.9 | 59.5 | 59.6 | 60.1 | 61.2 | 63.9 | 66.9 | 68.5 | 68.5 | 68.2 | 67.3 | 65.8 | 65.3 | 64.8 | 1525.5 | 63.56 | |
| 25 | 64.5 | 64.1 | 63.8 | 63.3 | 62.6 | 62.1 | 60.9 | 60.1 | 59.1 | 58.3 | 58.5 | 60.6 | 60.0 | 60.9 | 63.0 | 65.6 | 67.5 | 68.4 | 69.4 | 69.5 | 68.5 | 66.6 | 65.6 | 64.6 | 1527.7 | 63.65 | |
| 26 | 64.4 | 64.9 | 63.9 | 63.1 | 62.7 | 62.1 | 61.2 | 60.8 | 60.2 | 59.0 | 57.5 | 58.4 | 59.2 | 60.4 | 62.3 | 66.0 | 68.7 | 70.2 | 69.9 | 67.0 | 65.8 | 65.3 | 64.8 | 65.3 | 1523.1 | 63.46 | |
| 27 D | 64.8 | 63.9 | 64.0 | 63.2 | 62.7 | 59.1 | 58.7 | 58.5 | 57.9 | 56.6 | 59.1 | 61.2 | 61.3 | 61.3 | 62.5 | 63.7 | 65.3 | 66.4 | 66.1 | 65.3 | 65.9 | 66.0 | 65.2 | 64.9 | 1503.6 | 62.65 | |
| 28 | 64.4 | 64.0 | 64.0 | 63.6 | 62.5 | 61.3 | 60.3 | 61.1 | 60.8 | 61.5 | 61.4 | 61.2 | 61.3 | 62.3 | 63.0 | 65.3 | 68.1 | 69.7 | 69.3 | 67.6 | 66.5 | 65.3 | 65.0 | 65.0 | 1534.5 | 63.94 | |
| 29 | 64.5 | 64.0 | 63.7 | 63.1 | 61.4 | 61.2 | 61.4 | 60.6 | 60.4 | 59.7 | 59.7 | 59.3 | 58.5 | 61.2 | 62.2 | 63.8 | 65.1 | 66.8 | 66.2 | 65.2 | 64.6 | 63.9 | 63.9 | 64.4 | 1504.8 | 62.70 | |
| 30 | 64.2 | 64.5 | 64.4 | 63.5 | 62.2 | 62.5 | 61.2 | 60.9 | 60.7 | 59.8 | 60.7 | 61.3 | 62.1 | 62.6 | 63.6 | 64.6 | 65.0 | 66.4 | 67.0 | 66.8 | 65.6 | 64.9 | 64.7 | 65.3 | 1524.5 | 63.52 | |
| 31 | 65.1 | 64.9 | 64.1 | 63.7 | 63.5 | 63.0 | 62.4 | 61.5 | 60.3 | 59.5 | 59.0 | 59.1 | 60.4 | 62.4 | 63.7 | 64.9 | 65.6 | 66.0 | 65.4 | 64.8 | 64.7 | 64.7 | 64.3 | 64.5 | 1517.5 | 63.23 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 47030.2 | | |
| 1000+ | 932.3 | 927.5 | 977.6 | 954.2 | 941.5 | 915.5 | 896.8 | 873.0 | 851.2 | 838.0 | 841.9 | 865.0 | 903.2 | 947.5 | 990.0 | | | | | | | | | | 999.8 | | |
| 2000+ | | | | | | | | | | | | | | | | 039.5 | 020.8 | 045.3 | 103.9 | 079.3 | 050.3 | 028.4 | 007.6 | | | | |
| Mean. | 62.33 | 62.18 | 63.79 | 63.04 | 62.63 | 61.79 | 61.19 | 60.42 | 59.72 | 59.29 | 59.42 | 60.11 | 61.39 | 62.82 | 64.19 | 65.79 | 65.19 | 65.98 | 67.87 | 67.07 | 66.14 | 65.43 | 64.76 | 64.51 | | 63.55 | |

Horizontal component, H, 23000 gammas + tabulated value

| Date | U.T. | January 1962 | | | | | | | | | | | | | | | | | | | | | | Sum. | Mean. | | |
|-------|------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | | | 22-23 | 23-24 |
| 01 | | 398 | 399 | 403 | 409 | 398 | 396 | 400 | 398 | 389 | 382 | 378 | 375 | 375 | 375 | 378 | 382 | 385 | 388 | 389 | 386 | 390 | 392 | 403 | 402 | 9370 | 390.4 |
| 02 | | 395 | 394 | 394 | 389 | 389 | 394 | 391 | 389 | 382 | 372 | 372 | 372 | 370 | 372 | 370 | 370 | 371 | 370 | 376 | 381 | 391 | 394 | 381 | 391 | 9170 | 382.1 |
| 03 | | 394 | 395 | 394 | 395 | 394 | 393 | 391 | 391 | 389 | 383 | 374 | 368 | 364 | 369 | 373 | 377 | 381 | 384 | 385 | 389 | 391 | 389 | 390 | 391 | 9244 | 385.2 |
| 04 | Q | 394 | 395 | 397 | 396 | 395 | 395 | 394 | 392 | 388 | 380 | 373 | 378 | 381 | 382 | 382 | 383 | 385 | 384 | 382 | 385 | 390 | 394 | 397 | 398 | 9320 | 388.3 |
| 05 | Q | 397 | 397 | 397 | 400 | 400 | 397 | 396 | 397 | 392 | 387 | 378 | 373 | 377 | 378 | 381 | 388 | 391 | 395 | 395 | 398 | 404 | 409 | 406 | 407 | 9440 | 393.3 |
| 06 | | 407 | 408 | 407 | 410 | 408 | 409 | 410 | 410 | 406 | 397 | 390 | 382 | 375 | 371 | 373 | 382 | 394 | 399 | 401 | 400 | 410 | 407 | 407 | 403 | 9566 | 398.6 |
| 07 | | 402 | 404 | 407 | 411 | 414 | 414 | 415 | 413 | 409 | 400 | 390 | 382 | 372 | 364 | 360 | 363 | 372 | 382 | 396 | 405 | 405 | 401 | 395 | 392 | 9468 | 394.5 |
| 08 | | 403 | 406 | 408 | 404 | 402 | 402 | 399 | 396 | 393 | 388 | 382 | 375 | 370 | 369 | 374 | 380 | 391 | 405 | 411 | 408 | 405 | 405 | 407 | 407 | 9490 | 395.4 |
| 09 | | 408 | 415 | 415 | 412 | 408 | 402 | 400 | 396 | 393 | 389 | 381 | 369 | 373 | 378 | 378 | 380 | --- | --- | 404 | 417 | 407 | 402 | 405 | 409 | 8741 | --- |
| 10 | D | 410 | 411 | 411 | 416 | 405 | 422 | 423 | 436 | 425 | 380 | 356 | 369 | 354 | 349 | 321 | 331 | 367 | 376 | 365 | 353 | 347 | 366 | 371 | 375 | 9169 | 382.0 |
| 11 | D | 389 | 370 | 382 | 379 | 371 | 368 | 376 | 379 | 365 | 355 | 349 | 346 | 348 | 349 | 352 | 358 | 363 | 362 | 365 | 372 | 384 | 388 | 385 | 378 | 8833 | 368.0 |
| 12 | | 380 | 380 | 382 | 383 | 386 | 385 | 382 | 378 | 374 | 370 | 361 | 354 | 351 | 350 | 350 | 355 | 363 | 367 | 368 | 373 | 379 | 383 | 390 | 385 | 8929 | 372.0 |
| 13 | | 390 | 389 | 390 | 390 | 388 | 388 | 385 | 381 | 378 | 378 | 372 | 366 | 364 | 361 | 359 | 355 | 355 | 358 | 367 | 377 | 386 | 390 | 396 | 397 | 9060 | 377.5 |
| 14 | | 398 | 401 | 404 | 404 | 401 | 401 | 401 | 398 | 395 | 388 | 384 | 383 | 379 | 372 | 372 | 362 | 360 | 372 | 393 | 383 | 380 | 388 | 371 | 392 | 9282 | 386.8 |
| 15 | | 410 | 405 | 402 | 401 | 397 | 396 | 394 | 389 | 381 | 381 | 373 | 373 | 369 | 366 | 363 | 360 | 372 | 381 | 382 | 380 | 385 | 398 | 398 | 394 | 9250 | 385.4 |
| 16 | D | 400 | 402 | 401 | 399 | 401 | 401 | 399 | 400 | 391 | 385 | 379 | 370 | 370 | 378 | 379 | 375 | 385 | 388 | 391 | 394 | 385 | 379 | 391 | 393 | 9336 | 389.0 |
| 17 | | 395 | 396 | 394 | 393 | 388 | 387 | 387 | 385 | 385 | 380 | 370 | 365 | 366 | 370 | 368 | 365 | 372 | 384 | 388 | 386 | 381 | 382 | 382 | 386 | 9155 | 381.5 |
| 18 | | 391 | 390 | 393 | 394 | 393 | 396 | 398 | 394 | 392 | 387 | 379 | 379 | 383 | 380 | 377 | 380 | 382 | 395 | 399 | 400 | 394 | 396 | 400 | 397 | 9369 | 390.4 |
| 19 | D | 400 | 419 | 413 | 415 | 424 | 431 | 412 | 380 | 383 | 375 | 375 | 373 | 369 | 357 | 348 | 345 | 351 | 358 | 371 | 389 | 385 | 385 | 378 | 377 | 9213 | 383.9 |
| 20 | | --- | --- | 392 | 397 | 396 | 393 | 389 | 381 | 375 | 375 | 370 | 359 | 353 | 353 | 355 | 355 | 358 | 368 | 371 | 381 | 397 | 399 | 399 | 401 | 8317 | --- |
| 21 | | 395 | 405 | 403 | 400 | 396 | 392 | 388 | 384 | 380 | 378 | 377 | 368 | 356 | 345 | 359 | 364 | 369 | 373 | 377 | 382 | 390 | 388 | 385 | 386 | 9140 | 380.8 |
| 22 | Q | 391 | 388 | 388 | 388 | 387 | 387 | 386 | 385 | 380 | 378 | 373 | 365 | 356 | 350 | 346 | 342 | 346 | 366 | 394 | 405 | 404 | 392 | 385 | 385 | 9067 | 377.8 |
| 23 | Q | 387 | 391 | 393 | 391 | 391 | 390 | 391 | 392 | 391 | 385 | 378 | 373 | 367 | 357 | 349 | 343 | 349 | 363 | 375 | 385 | 390 | 390 | 390 | 392 | 9103 | 379.3 |
| 24 | Q | 394 | 395 | 395 | 395 | 396 | 396 | 395 | 395 | 393 | 389 | 385 | 374 | 367 | 357 | 349 | 349 | 357 | 368 | 376 | 383 | 383 | 379 | 383 | 392 | 9145 | 381.0 |
| 25 | | 400 | 406 | 407 | 409 | 410 | 411 | 409 | 405 | 399 | 383 | 385 | 391 | 383 | 378 | 366 | 357 | 358 | 366 | 376 | 388 | 388 | 395 | 402 | 405 | 9379 | 390.8 |
| 26 | | 410 | 405 | 395 | 393 | 392 | 390 | 388 | 387 | 383 | 378 | 372 | 374 | 373 | 363 | 356 | 351 | 359 | 374 | 370 | 368 | 375 | 388 | 385 | 394 | 9123 | 380.1 |
| 27 | D | 399 | 392 | 396 | 396 | 401 | 394 | 382 | 384 | 380 | 379 | 375 | 388 | 376 | 364 | 358 | 356 | 352 | 365 | 370 | 387 | 391 | 391 | 383 | 391 | 9150 | 381.3 |
| 28 | | 395 | 394 | 393 | 392 | 392 | 388 | 385 | 388 | 385 | 385 | 381 | 373 | 363 | 353 | 348 | 349 | 354 | 363 | 347 | 388 | 394 | 390 | 388 | 389 | 9077 | 378.2 |
| 29 | | 390 | 390 | 389 | 395 | 390 | 385 | 385 | 382 | 381 | 380 | 378 | 375 | 367 | 368 | 369 | 374 | 374 | 376 | 381 | 382 | 385 | 385 | 396 | 398 | 9175 | 382.3 |
| 30 | | 390 | 389 | 394 | 392 | 385 | 387 | 384 | 388 | 388 | 382 | 376 | 370 | 368 | 365 | 354 | 353 | 362 | 373 | 383 | 386 | 389 | 384 | 383 | 391 | 9116 | 379.8 |
| 31 | | 395 | 392 | 392 | 393 | 394 | 391 | 390 | 388 | 385 | 383 | 381 | 377 | 370 | 365 | 363 | 363 | 365 | 374 | 382 | 388 | 388 | 388 | 388 | 392 | 9187 | 382.8 |
| Sum. | | 11907 | 11923 | 12361 | 12341 | 12292 | 12281 | 12225 | 12161 | 12030 | 11832 | 11647 | 11539 | 11409 | 11308 | 11230 | 11247 | 11043 | 11277 | 11832 | 11999 | 12073 | 12117 | 12120 | 12190 | 284384 | |
| Mean. | | 396.9 | 397.4 | 398.7 | 398.1 | 396.5 | 396.2 | 394.4 | 392.3 | 388.1 | 381.7 | 375.7 | 372.2 | 368.0 | 364.8 | 362.3 | 362.8 | 368.1 | 375.9 | 381.7 | 387.1 | 389.5 | 390.9 | 391.0 | 393.2 | | 384.2 |

Vertical component, Z, - (36000 + tabulated values) gammas

January 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 490 | 490 | 494 | 494 | 488 | 488 | 489 | 484 | 478 | 476 | 474 | 469 | 468 | 465 | 470 | 467 | 462 | 461 | 467 | 475 | 482 | 485 | 491 | 492 | 11499 | 479.1 | |
| 02 | 490 | 493 | 494 | 493 | 492 | 491 | 484 | 475 | 464 | 463 | 465 | 466 | 466 | 467 | 462 | 462 | 459 | 462 | 470 | 477 | 485 | 488 | 483 | 486 | 11437 | 476.5 | |
| 03 | 486 | 486 | 487 | 488 | 487 | 486 | 485 | 485 | 484 | 482 | 474 | 468 | 467 | 469 | 474 | 477 | 472 | 469 | 473 | 476 | 483 | 487 | 487 | 487 | 11519 | 480.0 | |
| 04 Q | 487 | 488 | 489 | 490 | 490 | 489 | 487 | 485 | 480 | 474 | 469 | 467 | 465 | 469 | 471 | 471 | 471 | 471 | 475 | 478 | 480 | 484 | 485 | 484 | 11499 | 479.1 | |
| 05 Q | 483 | 483 | 483 | 485 | 486 | 486 | 487 | 485 | 481 | 476 | 471 | 463 | 458 | 460 | 466 | 469 | 469 | 470 | 471 | 471 | 475 | 479 | 479 | 481 | 11417 | 475.7 | |
| 06 | 481 | 481 | 481 | 484 | 487 | 487 | 487 | 485 | 480 | 475 | 467 | 461 | 455 | 450 | 450 | 457 | 465 | 469 | 477 | 478 | 481 | 483 | 483 | 480 | 11384 | 474.3 | |
| 07 | 478 | 479 | 478 | 480 | 483 | 484 | 484 | 483 | 479 | 471 | 464 | 460 | 456 | 455 | 453 | 453 | 458 | 468 | 475 | 481 | 484 | 486 | 484 | 483 | 11359 | 473.3 | |
| 08 | 487 | 487 | 485 | 483 | 483 | 483 | 483 | 479 | 475 | 471 | 466 | 459 | 455 | 453 | 453 | 455 | 459 | 467 | 474 | 474 | 474 | 474 | 476 | 476 | 11331 | 472.1 | |
| 09 | 478 | 482 | 483 | 480 | 478 | 476 | 476 | 474 | 471 | 471 | 467 | 459 | 452 | 453 | 450 | 449 | --- | --- | 465 | 480 | 481 | 478 | 478 | 478 | 10359 | --- | |
| 10 D | 480 | 482 | 496 | 480 | 444 | 485 | 489 | 495 | 483 | 467 | 441 | 426 | 414 | 418 | 413 | 446 | 482 | 496 | 491 | 500 | 508 | 515 | 520 | 516 | 11387 | 474.5 | |
| 11 D | 508 | 499 | 496 | 492 | 489 | 485 | 487 | 488 | 484 | 483 | 479 | 476 | 471 | 471 | 471 | 471 | 471 | 476 | 483 | 488 | 495 | 495 | 494 | 486 | 11638 | 484.9 | |
| 12 | 487 | 488 | 488 | 489 | 488 | 488 | 485 | 483 | 481 | 480 | 476 | 471 | 469 | 469 | 468 | 468 | 470 | 473 | 477 | 480 | 480 | 482 | 483 | 485 | 11508 | 479.5 | |
| 13 | 492 | 493 | 492 | 490 | 487 | 483 | 480 | 480 | 480 | 476 | 471 | 468 | 465 | 464 | 464 | 467 | 467 | 469 | 475 | 483 | 489 | 487 | 490 | 490 | 11502 | 479.3 | |
| 14 | 491 | 490 | 488 | 485 | 483 | 483 | 483 | 481 | 480 | 476 | 470 | 466 | 463 | 461 | 455 | 449 | 454 | 467 | 480 | 480 | 485 | 499 | 499 | 508 | 11476 | 478.2 | |
| 15 | 510 | 500 | 492 | 487 | 482 | 482 | 483 | 478 | 470 | 469 | 466 | 467 | 467 | 467 | 461 | 456 | 462 | 469 | 473 | 474 | 480 | 487 | 491 | 485 | 11458 | 477.4 | |
| 16 D | 489 | 492 | 487 | 485 | 485 | 481 | 470 | 470 | 470 | 469 | 466 | 462 | 457 | 465 | 464 | 457 | 459 | 469 | 476 | 479 | 478 | 483 | 494 | 494 | 11401 | 475.0 | |
| 17 | 491 | 490 | 488 | 484 | 477 | 479 | 479 | 479 | 480 | 476 | 467 | 460 | 459 | 462 | 463 | 460 | 468 | 477 | 475 | 473 | 471 | 473 | 476 | 480 | 11387 | 474.5 | |
| 18 | 485 | 485 | 485 | 483 | 483 | 483 | 483 | 481 | 480 | 477 | 470 | 462 | 459 | 463 | 463 | 461 | 460 | 469 | 475 | 476 | 471 | 469 | 471 | 474 | 11368 | 473.7 | |
| 19 D | 477 | 487 | 485 | 487 | 489 | 487 | 471 | 459 | 462 | 457 | 459 | 461 | 457 | 448 | 448 | 449 | 454 | 462 | 476 | 483 | 485 | 483 | 478 | 477 | 11281 | 470.0 | |
| 20 | --- | --- | 485 | 487 | 487 | 484 | 483 | 477 | 474 | 473 | 469 | 465 | 460 | 460 | 459 | 455 | 457 | 460 | 468 | 473 | 482 | 483 | 480 | 485 | 10406 | --- | |
| 21 | 482 | 489 | 485 | 482 | 479 | 478 | 478 | 474 | 466 | 464 | 464 | 464 | 457 | 449 | 459 | 452 | 463 | 462 | 468 | 474 | 483 | 483 | 483 | 480 | 11328 | 472.0 | |
| 22 Q | 479 | 478 | 477 | 477 | 478 | 477 | 476 | 472 | 471 | 471 | 471 | 465 | 463 | 461 | 457 | 456 | 459 | 470 | 481 | 487 | 485 | 482 | 479 | 478 | 11350 | 473.0 | |
| 23 Q | 478 | 479 | 481 | 479 | 479 | 480 | 481 | 481 | 481 | 478 | 474 | 467 | 458 | 456 | 460 | 459 | 463 | 468 | 472 | 478 | 480 | 483 | 483 | 480 | 11378 | 474.1 | |
| 24 Q | 479 | 479 | 479 | 479 | 483 | 480 | 478 | 476 | 474 | 471 | 468 | 467 | 463 | 459 | 453 | 452 | 458 | 464 | 471 | 477 | 477 | 477 | 478 | 483 | 11325 | 471.9 | |
| 25 | 486 | 485 | 482 | 479 | 479 | 478 | 477 | 475 | 471 | 463 | 461 | 462 | 460 | 458 | 457 | 458 | 460 | 463 | 466 | 470 | 475 | 481 | 485 | 492 | 11323 | 471.8 | |
| 26 | 488 | 482 | 475 | 473 | 472 | 471 | 471 | 471 | 469 | 469 | 463 | 455 | 453 | 449 | 441 | 443 | 451 | 455 | 459 | 462 | 469 | 478 | 475 | 476 | 11170 | 465.4 | |
| 27 D | 482 | 479 | 478 | 476 | 477 | 467 | 467 | 468 | 467 | 463 | 453 | 455 | 457 | 452 | 448 | 449 | 453 | 460 | 464 | 469 | 474 | 477 | 477 | 483 | 11195 | 466.5 | |
| 28 | 481 | 477 | 475 | 474 | 473 | 471 | 471 | 473 | 469 | 467 | 467 | 462 | 458 | 455 | 452 | 449 | 451 | 453 | 459 | 467 | 474 | 475 | 474 | 474 | 11201 | 466.7 | |
| 29 | 474 | 474 | 473 | 476 | 471 | 471 | 473 | 471 | 470 | 467 | 467 | 463 | 460 | 457 | 457 | 457 | 457 | 461 | 465 | 466 | 467 | 471 | 479 | 481 | 11228 | 467.8 | |
| 30 | 479 | 478 | 478 | 477 | 473 | 475 | 473 | 471 | 467 | 467 | 462 | 459 | 458 | 460 | 459 | 458 | 461 | 463 | 465 | 469 | 477 | 477 | 474 | 475 | 11255 | 469.0 | |
| 31 | 480 | 478 | 478 | 477 | 473 | 475 | 473 | 471 | 467 | 467 | 462 | 459 | 458 | 460 | 459 | 458 | 461 | 464 | 465 | 468 | 467 | 471 | 473 | 474 | 11232 | 468.0 | |
| Sum. | 14558 | 14553 | 15016 | 14974 | 14907 | 14911 | 14873 | 14809 | 14711 | 14611 | 14467 | 14336 | 14226 | 14198 | 14174 | 14200 | 13856 | 14007 | 14631 | 14766 | 14877 | 14955 | 14982 | 15003 | 350601 | | |
| Mean. | 485.3 | 485.1 | 484.4 | 483.0 | 480.9 | 481.0 | 479.8 | 477.7 | 474.5 | 471.3 | 466.7 | 462.5 | 458.9 | 458.0 | 457.2 | 458.1 | 461.9 | 466.9 | 472.0 | 476.3 | 479.9 | 482.4 | 483.3 | 484.0 | | 473.8 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc

February 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Q | 64.3 | 64.1 | 63.7 | 63.2 | 62.5 | 61.0 | 61.4 | 60.9 | 60.7 | 60.1 | 59.9 | 60.1 | 61.0 | 62.2 | 63.2 | 64.5 | 66.5 | 68.1 | 67.4 | 66.4 | 66.0 | 64.8 | 63.8 | 63.7 | 1519.5 | 63.31 | |
| 2 | 63.9 | 63.8 | 64.1 | 63.9 | 62.7 | 61.8 | 60.8 | 60.0 | 59.9 | 58.8 | 57.9 | 58.2 | 59.4 | 61.4 | 63.1 | 65.1 | 65.9 | 66.2 | 65.9 | 64.8 | 64.0 | 64.2 | 64.8 | 64.9 | 1505.5 | 62.73 | |
| 3 | 64.8 | 64.4 | 64.1 | 63.2 | 62.5 | 61.7 | 61.3 | 60.2 | 59.0 | 58.3 | 58.0 | 59.0 | 60.7 | 62.0 | 64.0 | 66.4 | 68.0 | 67.7 | 67.1 | 66.1 | 65.0 | 64.4 | 64.0 | 64.4 | 1516.3 | 63.18 | |
| 4 D | 64.5 | 64.5 | 63.8 | 63.3 | 62.5 | 61.6 | 61.1 | 60.8 | 59.7 | 58.8 | 60.4 | 54.8 | 53.2 | 61.9 | 66.0 | 68.4 | 69.9 | 70.5 | 72.0 | 72.3 | 69.7 | 66.8 | 64.6 | 64.4 | 1535.1 | 63.96 | |
| 5 | 65.0 | 65.0 | 64.8 | 64.0 | 63.6 | 63.5 | 63.4 | 62.8 | 62.0 | 61.4 | 60.5 | 60.6 | 61.4 | 62.5 | 64.5 | 66.1 | 67.7 | 67.8 | 67.0 | 65.1 | 63.9 | 63.4 | 63.7 | 64.6 | 1534.3 | 63.93 | |
| 6 | 64.8 | 64.3 | 64.1 | 63.7 | 63.1 | 62.5 | 62.4 | 62.2 | 62.0 | 61.4 | 60.7 | 61.0 | 61.3 | 62.0 | 63.7 | 65.5 | 66.8 | 67.7 | 66.8 | 65.5 | 64.9 | 64.9 | 64.6 | 65.4 | 1531.3 | 63.80 | |
| 7 D | 65.9 | 64.5 | 63.7 | 62.6 | 61.5 | 60.3 | 58.8 | 59.7 | 60.2 | 62.8 | 61.3 | 60.7 | 60.2 | 61.7 | 63.4 | 67.6 | 70.2 | 70.5 | 68.8 | 66.8 | 66.0 | 64.9 | 64.0 | 64.0 | 1530.1 | 63.75 | |
| 8 Q | 64.0 | 63.9 | 63.6 | 63.3 | 63.1 | 62.8 | 62.5 | 61.9 | 60.9 | 60.2 | 59.7 | 60.1 | 61.0 | 61.4 | 63.2 | 65.1 | 67.2 | 67.7 | 66.8 | 65.7 | 65.4 | 65.0 | 64.5 | 64.6 | 1523.6 | 63.48 | |
| 9 | 64.1 | 63.6 | 61.9 | 62.9 | 63.0 | 62.5 | 61.8 | 61.3 | 60.1 | 59.3 | 58.8 | 58.9 | 59.7 | 61.1 | 63.4 | 66.3 | 68.4 | 69.0 | 68.4 | 66.6 | 65.0 | 64.6 | 64.5 | 64.8 | 1520.0 | 63.33 | |
| 10 Q | 63.7 | 63.6 | 63.7 | 63.2 | 62.5 | 62.2 | 61.5 | 61.4 | 60.9 | 60.3 | 59.8 | 59.6 | 60.3 | 60.6 | 62.0 | 63.8 | 66.1 | 68.1 | 68.3 | 67.2 | 66.1 | 65.3 | 64.8 | 64.4 | 1519.4 | 63.31 | |
| 11 | 63.7 | 63.4 | 62.1 | 61.7 | 61.6 | 62.0 | 61.7 | 61.1 | 60.9 | 60.3 | 58.6 | 58.8 | 60.2 | 60.4 | 60.1 | 61.4 | 63.3 | 65.1 | 67.2 | 69.0 | 68.6 | 71.5 | 71.1 | 68.7 | 1522.5 | 63.44 | |
| 12 D | 62.7 | 63.7 | 63.6 | 64.4 | 64.0 | 63.9 | 63.2 | 63.4 | 61.8 | 61.3 | 61.3 | 61.1 | 61.8 | 62.6 | 63.4 | 65.3 | 67.2 | 67.9 | 67.9 | 67.9 | 67.1 | 66.2 | 63.2 | 64.4 | 1539.3 | 64.14 | |
| 13 | 65.1 | 64.8 | 63.9 | 62.4 | 60.0 | 62.4 | 62.5 | 61.8 | 61.2 | 60.6 | 60.6 | 62.5 | 62.9 | 62.4 | 62.6 | 64.1 | 66.2 | 66.5 | 66.9 | 66.2 | 65.3 | 65.4 | 64.9 | 63.3 | 1524.5 | 63.52 | |
| 14 | 61.4 | 63.6 | 63.3 | 63.0 | 61.5 | 61.3 | 62.3 | 62.8 | 61.7 | 61.9 | 61.9 | 63.5 | 63.4 | 62.4 | 62.5 | 64.2 | 65.4 | 66.6 | 66.8 | 67.2 | 67.4 | 65.5 | 66.7 | 66.8 | 1533.1 | 63.88 | |
| 15 | 65.1 | 64.4 | 63.6 | 62.2 | 59.9 | 60.7 | 62.5 | 61.8 | 61.3 | 60.3 | 60.9 | 61.2 | 61.9 | 62.3 | 62.7 | 64.4 | 66.4 | 67.9 | 68.0 | 66.4 | 66.1 | 65.4 | 64.8 | 64.4 | 1524.6 | 63.53 | |
| 16 D | 63.7 | 63.3 | 62.5 | 61.5 | 60.8 | 59.9 | 60.7 | 60.9 | 60.8 | 59.7 | 64.5 | 67.1 | 65.7 | 62.4 | 64.9 | 69.1 | 70.1 | 71.0 | 69.6 | 74.5 | 72.8 | 69.1 | 67.1 | 62.1 | 1563.8 | 65.16 | |
| 17 | 61.7 | 62.9 | 62.8 | 63.9 | 62.6 | 61.8 | 63.5 | 62.2 | 64.0 | 62.9 | 61.7 | 62.1 | 63.4 | 64.1 | 65.3 | 67.3 | 68.3 | 68.2 | 67.6 | 66.8 | 66.1 | 65.3 | 64.3 | 63.9 | 1542.9 | 64.29 | |
| 18 | 64.1 | 64.2 | 64.1 | 63.7 | 63.1 | 63.1 | 62.6 | 62.5 | 61.9 | 62.2 | 61.6 | 61.4 | 61.3 | 61.4 | 62.9 | 64.8 | 66.9 | 68.1 | 68.4 | 67.1 | 65.8 | 64.8 | 64.3 | 64.2 | 1534.5 | 63.93 | |
| 19 Q | 64.3 | 63.6 | 63.4 | 62.9 | 62.5 | 62.3 | 62.1 | 62.1 | 61.4 | 60.8 | 60.3 | 60.4 | 61.0 | 60.9 | 62.3 | 64.8 | 67.6 | 69.8 | 69.4 | 67.9 | 66.3 | 64.5 | 63.6 | 63.5 | 1527.7 | 63.65 | |
| 20 | 63.2 | 62.9 | 62.8 | 62.5 | 62.3 | 61.7 | 61.1 | 61.0 | 59.9 | 57.6 | 57.3 | 57.6 | 58.8 | 61.0 | 62.0 | 63.5 | 66.1 | 68.0 | 68.1 | 68.0 | 67.4 | 66.8 | 66.0 | 64.9 | 1510.5 | 62.94 | |
| 21 | 64.2 | 63.7 | 63.1 | 62.6 | 62.2 | 61.9 | 60.2 | 60.4 | 60.3 | 59.6 | 58.3 | 57.6 | 58.4 | 59.9 | 62.3 | 65.1 | 67.4 | 69.8 | 68.6 | 68.3 | 67.3 | 66.3 | 65.4 | 64.5 | 1517.4 | 63.23 | |
| 22 | 64.1 | 63.8 | 63.2 | 62.9 | 61.2 | 56.5 | 59.0 | 59.7 | 58.1 | 58.0 | 56.7 | 58.4 | 61.4 | 62.2 | 64.0 | 67.8 | 69.8 | 70.3 | 70.0 | 68.9 | 67.3 | 66.1 | 65.4 | 65.3 | 1520.1 | 63.34 | |
| 23 | 64.8 | 64.2 | 64.0 | 63.1 | 62.5 | 61.7 | 62.4 | 62.1 | 61.4 | 60.3 | 60.2 | 59.0 | 60.5 | 60.7 | 63.9 | 66.9 | 67.9 | 69.1 | 69.8 | 68.6 | 66.3 | 65.4 | 65.0 | 64.9 | 1534.7 | 63.95 | |
| 24 | 64.5 | 64.4 | 64.3 | 63.7 | 63.2 | 62.0 | 61.3 | 61.4 | 61.9 | 61.3 | 59.4 | 59.5 | 60.3 | 61.0 | 62.9 | 66.3 | 68.1 | 69.8 | 70.9 | 69.8 | 67.9 | 65.6 | 64.5 | 63.8 | 1537.8 | 64.08 | |
| 25 | 64.0 | 64.1 | 64.1 | 63.7 | 63.0 | 62.3 | 61.3 | 61.7 | 61.4 | 61.1 | 60.9 | 60.8 | 60.2 | 60.8 | 61.4 | 63.3 | 65.0 | 66.9 | 68.3 | 69.0 | 68.3 | 66.2 | 64.7 | 64.0 | 1526.5 | 63.60 | |
| 26 D | 64.8 | 64.8 | 64.3 | 63.8 | 63.0 | 61.8 | 61.3 | 61.4 | 61.0 | 60.6 | 59.0 | 58.0 | 56.8 | 57.7 | 58.3 | 60.9 | 63.6 | 66.8 | 70.6 | 71.5 | 68.5 | 67.2 | 66.4 | 65.9 | 1518.0 | 63.25 | |
| 27 | 64.9 | 64.4 | 64.1 | 63.5 | 62.9 | 62.1 | 61.5 | 61.5 | 62.3 | 62.9 | 60.7 | 63.4 | 64.4 | 65.4 | 64.5 | 65.4 | 67.4 | 68.1 | 69.4 | 70.0 | 67.7 | 65.9 | 64.9 | 64.4 | 1551.7 | 64.65 | |
| 28 Q | 63.7 | 63.7 | 63.7 | 63.8 | 63.7 | 63.6 | 63.1 | 62.5 | 62.8 | 62.5 | 61.7 | 61.7 | 60.8 | 61.0 | 62.5 | 64.3 | 66.4 | 68.6 | 69.1 | 67.8 | 66.3 | 65.0 | 64.0 | 64.0 | 1536.3 | 64.01 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 42800.8 | | |
| 1000+ | 794.8 | 791.4 | 780.4 | 768.6 | 747.0 | 730.9 | 727.3 | 721.5 | 709.5 | 695.3 | 682.6 | 687.1 | 701.4 | 725.4 | 765.0 | 827.7 | 879.8 | 911.8 | 915.1 | 900.4 | 869.5 | 840.5 | 819.6 | 808.2 | | | |
| Mean. | 64.10 | 63.98 | 63.59 | 63.16 | 62.39 | 61.82 | 61.69 | 61.48 | 61.05 | 60.55 | 60.09 | 60.25 | 60.76 | 61.62 | 63.04 | 65.27 | 67.14 | 68.28 | 68.42 | 67.87 | 66.77 | 65.73 | 64.99 | 64.58 | | 63.69 | |

Horizontal component, H, 23000 gammas + tabulated value

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| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | Q | 393 | 394 | 394 | 396 | 395 | 394 | 395 | 395 | 396 | 394 | 387 | 380 | 373 | 369 | 366 | 365 | 368 | 381 | 395 | 402 | 408 | 405 | 405 | 407 | 9357 | 389.9 |
| 02 | | 407 | 401 | 397 | 405 | 402 | 400 | 393 | 389 | 393 | 389 | 384 | 380 | 371 | 367 | 363 | 364 | 370 | 383 | 394 | 400 | 397 | 397 | 398 | 394 | 9338 | 389.1 |
| 03 | | 394 | 397 | 398 | 399 | 386 | 393 | 392 | 387 | 388 | 386 | 379 | 365 | 354 | 342 | 340 | 355 | 364 | 377 | 385 | 377 | 382 | 390 | 391 | 393 | 9114 | 379.8 |
| 04 | D | 394 | 399 | 406 | 407 | 407 | 404 | 395 | 399 | 397 | 400 | 403 | 389 | 358 | 356 | 367 | 367 | 367 | 376 | 375 | 350 | 352 | 347 | 359 | 384 | 9158 | 381.6 |
| 05 | | 390 | 400 | 400 | 372 | 366 | 365 | 363 | 364 | 365 | 363 | 358 | 351 | 341 | 339 | 338 | 345 | 354 | 374 | 382 | 390 | 385 | 381 | 381 | 382 | 8849 | 368.7 |
| 06 | | 387 | 387 | 389 | 387 | 382 | 381 | 379 | 381 | 380 | 376 | 373 | 367 | 363 | 361 | 364 | 366 | 377 | 391 | 402 | 400 | 397 | 406 | 406 | 410 | 9212 | 383.8 |
| 07 | D | 411 | 406 | 405 | 398 | 392 | 393 | 393 | 381 | 372 | 373 | 371 | 367 | 360 | 354 | 351 | 338 | 344 | 351 | 367 | 379 | 384 | 384 | 383 | 384 | 9041 | 376.7 |
| 08 | Q | 388 | 389 | 390 | 389 | 389 | 387 | 384 | 385 | 383 | 381 | 381 | 372 | 362 | 352 | 348 | 354 | 367 | 381 | 390 | 393 | 394 | 393 | 391 | 396 | 9139 | 380.8 |
| 09 | | 397 | 397 | 396 | 396 | 395 | 393 | 389 | 387 | 382 | 379 | 376 | 374 | 368 | 362 | 362 | 363 | 365 | 367 | 375 | 384 | 392 | 391 | 393 | 393 | 9176 | 382.3 |
| 10 | Q | 393 | 395 | 398 | 401 | 401 | 397 | 393 | 389 | 389 | 388 | 387 | 387 | 381 | 370 | 363 | 367 | 368 | 374 | 384 | 389 | 393 | 397 | 398 | 397 | 9299 | 387.5 |
| 11 | | 401 | 402 | 398 | 394 | 391 | 393 | 393 | 390 | 390 | 390 | 395 | 393 | 389 | 382 | 379 | 380 | 381 | 389 | 398 | 397 | 389 | 380 | 367 | 371 | 9332 | 388.8 |
| 12 | D | 376 | 344 | 362 | 381 | 387 | 388 | 381 | 381 | 380 | 369 | 370 | 372 | 371 | 364 | 359 | 354 | 348 | 355 | 361 | 366 | 369 | 372 | 380 | 382 | 8872 | 369.7 |
| 13 | | 388 | 390 | 390 | 388 | 390 | 386 | 384 | 384 | 384 | 381 | 378 | 368 | 376 | 371 | 364 | 363 | 359 | 368 | 380 | 378 | 385 | 389 | 390 | 375 | 9109 | 379.5 |
| 14 | | 380 | 375 | 385 | 387 | 377 | 382 | 385 | 388 | 384 | 384 | 377 | 372 | 368 | 362 | 367 | 368 | 367 | 376 | 382 | 390 | 384 | 379 | 389 | 387 | 9095 | 379.0 |
| 15 | | 397 | 394 | 392 | 397 | 390 | 387 | 391 | 388 | 385 | 379 | 377 | 371 | 367 | 364 | 369 | 380 | 387 | 380 | 372 | 396 | 408 | 415 | 414 | 414 | 9314 | 388.1 |
| 16 | D | 417 | 424 | 425 | 423 | 433 | 432 | 427 | 425 | 419 | 417 | 397 | 400 | 381 | 349 | 324 | 333 | 361 | 368 | 364 | 352 | 344 | 346 | 367 | 362 | 9290 | 387.1 |
| 17 | | 370 | 361 | 366 | 372 | 374 | 367 | 374 | 363 | 362 | 368 | 369 | 362 | 357 | 355 | 356 | 357 | 361 | 365 | 366 | 367 | 370 | 371 | 375 | 381 | 8789 | 366.2 |
| 18 | | 380 | 379 | 377 | 377 | 378 | 382 | 382 | 380 | 372 | 372 | 371 | 366 | 355 | 343 | 338 | 344 | 360 | 382 | 384 | 384 | 388 | 386 | 377 | 384 | 8941 | 372.5 |
| 19 | Q | 384 | 385 | 384 | 385 | 388 | 386 | 384 | 385 | 379 | 381 | 380 | 372 | 366 | 358 | 346 | 341 | 342 | 358 | 369 | 382 | 386 | 387 | 387 | 384 | 8999 | 375.0 |
| 20 | | 385 | 387 | 389 | 390 | 390 | 390 | 389 | 388 | 388 | 382 | 375 | 367 | 361 | 354 | 349 | 351 | 355 | 364 | 374 | 384 | 392 | 393 | 384 | 389 | 9070 | 377.9 |
| 21 | | 389 | 390 | 392 | 394 | 394 | 393 | 383 | 383 | 384 | 382 | 372 | 361 | 352 | 350 | 345 | 352 | 357 | 367 | 365 | 384 | 379 | 384 | 387 | 389 | 9028 | 376.2 |
| 22 | | 389 | 393 | 416 | 421 | 410 | 403 | 390 | 391 | 386 | 381 | 374 | 365 | 354 | 353 | 351 | 356 | 366 | 371 | 382 | 384 | 385 | 384 | 386 | 389 | 9180 | 382.5 |
| 23 | | 389 | 394 | 395 | 393 | 395 | 387 | 384 | 381 | 380 | 374 | 374 | 370 | 371 | 360 | 344 | 354 | 361 | 377 | 389 | 401 | 401 | 393 | 388 | 387 | 9142 | 380.9 |
| 24 | | 383 | 389 | 393 | 389 | 394 | 393 | 384 | 379 | 381 | 383 | 382 | 380 | 374 | 361 | 353 | 345 | 351 | 363 | 365 | 377 | 372 | 384 | 380 | 387 | 9042 | 376.8 |
| 25 | | 387 | 390 | 393 | 393 | 391 | 388 | 384 | 381 | 378 | 380 | 380 | 379 | 376 | 369 | 362 | 358 | 353 | 362 | 367 | 380 | 382 | 391 | 397 | 386 | 9107 | 379.5 |
| 26 | D | 378 | 387 | 393 | 393 | 394 | 385 | 380 | 380 | 383 | 393 | 398 | 393 | 395 | 393 | 390 | 390 | 378 | 380 | 384 | 371 | 375 | 390 | 390 | 385 | 9278 | 386.6 |
| 27 | | 384 | 384 | 391 | 389 | 389 | 395 | 397 | 384 | 384 | 397 | 398 | 409 | 390 | 376 | 371 | 344 | 344 | 346 | 357 | 357 | 364 | 374 | 376 | 378 | 9078 | 378.3 |
| 28 | Q | 378 | 380 | 380 | 382 | 383 | 382 | 380 | 382 | 377 | 379 | 376 | 368 | 357 | 348 | 339 | 340 | 344 | 358 | 371 | 380 | 381 | 386 | 387 | 388 | 8926 | 371.9 |
| Sum. | | 10909 | 10913 | 10994 | 10998 | 10963 | 10926 | 10848 | 10790 | 10741 | 10721 | 10642 | 10500 | 10291 | 10084 | 9968 | 9994 | 10119 | 10384 | 10579 | 10694 | 10738 | 10795 | 10826 | 10858 | 255275 | |
| Mean. | | 389.6 | 389.7 | 392.6 | 392.8 | 391.5 | 390.2 | 387.4 | 385.4 | 383.6 | 382.9 | 380.1 | 375.0 | 367.5 | 360.1 | 356.0 | 356.9 | 361.4 | 370.9 | 377.8 | 381.9 | 383.5 | 385.5 | 386.6 | 387.8 | 379.9 | |

Vertical component, Z, - (36000 + tabulated values) gammas

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| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 Q | 474 | 474 | 474 | 475 | 474 | 473 | 472 | 471 | 468 | 465 | 463 | 460 | 459 | 456 | 454 | 453 | 453 | 455 | 458 | 460 | 465 | 467 | 470 | 473 | 11166 | 465.3 | |
| 02 | 473 | 472 | 469 | 471 | 471 | 471 | 467 | 466 | 465 | 463 | 460 | 458 | 455 | 451 | 448 | 450 | 456 | 463 | 466 | 469 | 469 | 472 | 475 | 471 | 11151 | 464.6 | |
| 03 | 469 | 471 | 471 | 473 | 471 | 469 | 467 | 464 | 465 | 463 | 460 | 455 | 452 | 450 | 447 | 447 | 452 | 456 | 461 | 459 | 464 | 470 | 469 | 470 | 11095 | 462.3 | |
| 04 D | 472 | 473 | 474 | 475 | 474 | 470 | 466 | 466 | 463 | 465 | 464 | 454 | 436 | 425 | 430 | 434 | 446 | 456 | 461 | 464 | 472 | 475 | 486 | 496 | 11097 | 462.4 | |
| 05 | 492 | 492 | 494 | 475 | 470 | 471 | 471 | 474 | 475 | 474 | 470 | 465 | 462 | 459 | 456 | 457 | 464 | 466 | 469 | 477 | 479 | 479 | 475 | 473 | 11339 | 472.5 | |
| 06 | 473 | 475 | 477 | 476 | 476 | 473 | 471 | 472 | 471 | 469 | 467 | 465 | 464 | 462 | 459 | 456 | 457 | 462 | 467 | 469 | 471 | 476 | 476 | 477 | 11261 | 469.2 | |
| 07 D | 482 | 482 | 482 | 473 | 470 | 466 | 456 | 457 | 458 | 452 | 457 | 460 | 457 | 455 | 449 | 438 | 442 | 449 | 460 | 467 | 472 | 475 | 476 | 474 | 11109 | 462.9 | |
| 08 Q | 474 | 474 | 474 | 473 | 471 | 470 | 469 | 469 | 469 | 469 | 466 | 461 | 457 | 453 | 448 | 448 | 454 | 460 | 467 | 471 | 474 | 473 | 469 | 471 | 11184 | 466.0 | |
| 09 | 472 | 473 | 471 | 469 | 468 | 466 | 465 | 463 | 460 | 460 | 455 | 453 | 451 | 448 | 445 | 444 | 447 | 455 | 467 | 474 | 478 | 478 | 477 | 475 | 11114 | 463.1 | |
| 10 Q | 473 | 473 | 471 | 471 | 469 | 466 | 463 | 463 | 463 | 462 | 459 | 456 | 455 | 451 | 449 | 446 | 446 | 448 | 457 | 464 | 468 | 469 | 470 | 470 | 11082 | 461.8 | |
| 11 | 473 | 471 | 469 | 466 | 464 | 465 | 464 | 464 | 463 | 462 | 462 | 454 | 453 | 453 | 452 | 448 | 448 | 451 | 457 | 462 | 469 | 476 | 482 | 498 | 11126 | 463.6 | |
| 12 D | 490 | 469 | 478 | 482 | 479 | 474 | 470 | 465 | 462 | 464 | 465 | 466 | 463 | 459 | 458 | 453 | 448 | 457 | 464 | 468 | 475 | 479 | 485 | 486 | 11259 | 469.1 | |
| 13 | 482 | 481 | 478 | 469 | 464 | 466 | 468 | 469 | 469 | 466 | 461 | 451 | 454 | 457 | 453 | 448 | 448 | 453 | 462 | 465 | 469 | 473 | 473 | 477 | 11156 | 464.8 | |
| 14 | 481 | 478 | 476 | 468 | 466 | 465 | 467 | 469 | 466 | 464 | 457 | 457 | 457 | 453 | 451 | 448 | 448 | 453 | 453 | 461 | 461 | 469 | 470 | 469 | 11107 | 462.8 | |
| 15 | 476 | 473 | 469 | 469 | 460 | 464 | 466 | 465 | 464 | 460 | 457 | 453 | 453 | 453 | 452 | 448 | 444 | 442 | 447 | 461 | 469 | 473 | 469 | 468 | 11055 | 460.6 | |
| 16 D | 466 | 468 | 469 | 465 | 469 | 467 | 460 | 459 | 446 | 427 | 405 | 395 | 412 | 419 | 411 | 426 | 448 | 453 | 464 | 479 | 488 | 485 | 493 | 491 | 10865 | 452.7 | |
| 17 | 489 | 482 | 481 | 478 | 476 | 465 | 472 | 465 | 449 | 452 | 453 | 455 | 452 | 446 | 448 | 451 | 459 | 465 | 471 | 473 | 474 | 477 | 476 | 476 | 11185 | 466.0 | |
| 18 | 474 | 471 | 470 | 470 | 470 | 471 | 471 | 469 | 463 | 460 | 461 | 461 | 459 | 454 | 452 | 453 | 460 | 467 | 470 | 471 | 478 | 477 | 468 | 473 | 11193 | 466.4 | |
| 19 Q | 471 | 471 | 469 | 469 | 469 | 469 | 465 | 462 | 463 | 465 | 465 | 459 | 457 | 457 | 447 | 447 | 448 | 457 | 464 | 473 | 474 | 473 | 473 | 469 | 11136 | 464.0 | |
| 20 | 469 | 469 | 468 | 467 | 466 | 467 | 466 | 464 | 460 | 459 | 455 | 452 | 451 | 452 | 453 | 452 | 451 | 453 | 461 | 468 | 472 | 474 | 464 | 469 | 11082 | 461.8 | |
| 21 | 465 | 469 | 465 | 468 | 467 | 465 | 459 | 459 | 462 | 463 | 460 | 456 | 452 | 448 | 446 | 443 | 446 | 446 | 449 | 462 | 464 | 466 | 469 | 471 | 11020 | 459.2 | |
| 22 | 469 | 469 | 475 | 475 | 467 | 439 | 456 | 457 | 451 | 452 | 450 | 444 | 436 | 435 | 432 | 434 | 444 | 451 | 458 | 459 | 462 | 466 | 466 | 468 | 10915 | 454.8 | |
| 23 | 468 | 470 | 471 | 469 | 465 | 459 | 460 | 459 | 460 | 459 | 453 | 448 | 445 | 438 | 431 | 439 | 446 | 457 | 466 | 473 | 473 | 473 | 471 | 470 | 11023 | 459.3 | |
| 24 | 464 | 466 | 467 | 465 | 466 | 459 | 455 | 457 | 457 | 457 | 458 | 455 | 453 | 448 | 444 | 444 | 451 | 454 | 456 | 465 | 470 | 480 | 478 | 476 | 11045 | 460.2 | |
| 25 | 471 | 468 | 467 | 466 | 465 | 461 | 458 | 457 | 458 | 461 | 457 | 457 | 453 | 453 | 449 | 448 | 444 | 446 | 449 | 461 | 466 | 473 | 481 | 477 | 11046 | 460.3 | |
| 26 D | 470 | 469 | 470 | 468 | 464 | 460 | 458 | 450 | 462 | 465 | 464 | 460 | 456 | 444 | 436 | 434 | 428 | 432 | 437 | 442 | 453 | 464 | 465 | 464 | 10925 | 455.2 | |
| 27 | 463 | 463 | 467 | 464 | 463 | 465 | 464 | 456 | 457 | 450 | 435 | 441 | 435 | 432 | 437 | 428 | 435 | 444 | 457 | 461 | 465 | 473 | 476 | 473 | 10904 | 454.3 | |
| 28 Q | 471 | 469 | 467 | 465 | 464 | 464 | 461 | 461 | 459 | 461 | 462 | 460 | 453 | 447 | 442 | 442 | 442 | 449 | 459 | 464 | 469 | 473 | 469 | 469 | 11042 | 460.1 | |
| Sum. | 13266 | 13235 | 13233 | 13174 | 13118 | 13040 | 13007 | 12982 | 12928 | 12889 | 12801 | 12711 | 12642 | 12558 | 12479 | 12459 | 12555 | 12700 | 12877 | 13042 | 13163 | 13258 | 13271 | 13294 | 310682 | | |
| Mean. | 473.8 | 472.7 | 472.6 | 470.5 | 468.5 | 465.7 | 464.5 | 463.6 | 461.7 | 460.3 | 457.2 | 454.0 | 451.5 | 448.5 | 445.7 | 445.0 | 448.4 | 453.6 | 459.9 | 465.8 | 470.1 | 473.5 | 474.0 | 474.8 | | 462.3 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

March 1962

| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|
| 1 | 63.9 | 63.9 | 63.8 | 63.6 | 63.1 | 62.4 | 61.7 | 61.7 | 60.6 | 60.6 | 59.8 | 59.8 | 59.0 | 60.7 | 62.5 | 64.6 | 67.1 | 68.2 | 68.2 | 67.8 | 66.5 | 65.5 | 64.6 | 64.0 | 1523.6 | 63.48 | |
| 2 | 63.9 | 63.7 | 63.5 | 63.3 | 62.9 | 63.2 | 62.6 | 63.4 | 63.0 | 62.8 | 62.5 | 61.6 | 59.7 | 60.8 | 62.7 | 63.7 | 64.6 | 68.2 | 68.7 | 68.6 | 66.8 | 65.8 | 64.5 | 64.0 | 1534.5 | 63.94 | |
| 3 | 63.8 | 63.7 | 63.6 | 63.2 | 63.1 | 62.7 | 62.5 | 61.8 | 61.4 | 60.5 | 59.7 | 59.5 | 58.5 | 59.4 | 61.0 | 63.7 | 66.0 | --- | --- | 69.1 | 68.4 | 66.6 | 66.8 | 64.8 | 1589.8 | --- | |
| 4 | 64.4 | 63.7 | 63.8 | 64.1 | 63.7 | 63.3 | 62.8 | 62.4 | 61.9 | 61.8 | 61.7 | 61.6 | 61.2 | 60.7 | 61.8 | 63.4 | 65.5 | 67.1 | 68.0 | 67.4 | 66.6 | 65.2 | 64.0 | 63.6 | 1529.7 | 63.74 | |
| 5 D | 63.6 | 63.6 | 63.7 | 63.5 | 62.6 | 61.8 | 61.2 | 60.3 | 59.3 | 61.0 | 60.6 | 59.4 | 58.0 | 64.0 | 65.2 | 64.3 | 66.5 | 70.1 | 69.9 | 69.1 | 67.5 | 67.7 | 66.5 | 65.5 | 1534.9 | 63.95 | |
| 6 D | 64.8 | 64.3 | 63.4 | 62.4 | 54.9 | 54.7 | 57.3 | 58.4 | 61.4 | 61.1 | 61.0 | 60.6 | 65.7 | 65.0 | 64.1 | 64.3 | 66.0 | 67.1 | 67.7 | 67.9 | 66.8 | 65.9 | 65.3 | 64.8 | 1514.9 | 63.12 | |
| 7 | 63.1 | 63.2 | 63.0 | 63.2 | 63.1 | 63.0 | 63.6 | 62.6 | 62.1 | 62.4 | 62.4 | 62.0 | 61.2 | 61.3 | 62.4 | 63.7 | 65.8 | 67.1 | 67.1 | 66.8 | 65.7 | 64.7 | 64.0 | 63.8 | 1527.3 | 63.64 | |
| 8 Q | 63.8 | 63.9 | 63.9 | 63.7 | 62.9 | 62.5 | 62.4 | 62.1 | 62.6 | 62.3 | 61.8 | 61.2 | 60.8 | 61.1 | 62.1 | 64.0 | 65.6 | 66.6 | 67.1 | 66.4 | 65.4 | 64.3 | 63.7 | 63.7 | 1523.9 | 63.50 | |
| 9 Q | 63.7 | 63.9 | 63.9 | 63.7 | 63.3 | 63.0 | 62.8 | 62.6 | 62.5 | 62.3 | 62.1 | 61.3 | 60.2 | 60.8 | 62.2 | 63.6 | 65.4 | 67.1 | 67.7 | 66.5 | 64.9 | 63.8 | 63.3 | 63.3 | 1523.9 | 63.50 | |
| 10 | 63.1 | 63.0 | 62.3 | 62.3 | 62.8 | 60.8 | 61.4 | 62.1 | 61.7 | 60.3 | 61.4 | 61.3 | 61.4 | 63.0 | 65.2 | 65.4 | 67.1 | 68.3 | 68.9 | 67.8 | 66.8 | 66.9 | 66.8 | 65.2 | 1535.3 | 63.97 | |
| 11 | 62.5 | 63.1 | 60.7 | 60.8 | 62.7 | 59.9 | 60.8 | 59.9 | 61.8 | 61.5 | 61.4 | 62.2 | 61.5 | 61.1 | 61.8 | 63.7 | 66.2 | 68.1 | 68.0 | 67.8 | 65.9 | 64.9 | 64.1 | 63.7 | 1514.1 | 63.09 | |
| 12 D | 62.9 | 61.2 | 62.3 | 63.5 | 63.3 | 63.2 | 61.2 | 62.5 | 61.7 | 62.4 | 60.9 | 62.7 | 63.5 | 63.4 | 64.5 | 67.1 | 68.8 | 67.8 | 69.1 | 70.2 | 69.2 | 66.1 | 64.9 | 64.4 | 1546.3 | 64.45 | |
| 13 | 60.4 | 62.5 | 62.7 | 63.0 | 63.6 | 63.4 | 63.3 | 63.6 | 63.7 | 64.4 | 62.6 | 61.6 | 61.6 | 62.1 | 62.7 | 63.9 | 65.4 | 67.0 | 66.8 | 66.4 | 65.5 | 64.6 | 64.0 | 63.9 | 1528.7 | 63.70 | |
| 14 | 63.7 | 63.7 | 63.7 | 63.5 | 63.5 | 63.2 | 63.3 | 62.6 | 62.8 | 61.7 | 61.0 | 60.0 | 60.3 | 61.8 | 63.1 | 64.9 | 66.4 | 67.1 | 67.0 | 66.1 | 65.4 | 64.5 | 64.1 | 64.1 | 1527.5 | 63.65 | |
| 15 | 63.7 | 63.6 | 63.2 | 61.4 | 59.6 | 59.8 | 61.7 | 61.2 | 61.8 | 61.7 | 61.1 | 60.6 | 60.8 | 60.8 | 61.7 | 63.7 | 66.0 | 67.4 | 67.7 | 66.8 | 65.5 | 65.4 | 64.9 | 64.5 | 1514.6 | 63.11 | |
| 16 Q | 64.1 | 63.7 | 63.3 | 62.9 | 62.6 | 61.7 | 61.7 | 61.0 | 61.0 | 61.7 | 61.7 | 61.4 | 60.8 | 61.7 | 63.0 | 64.7 | 65.8 | 66.4 | 67.0 | 66.3 | 65.3 | 64.6 | 64.3 | 64.0 | 1520.7 | 63.36 | |
| 17 | 63.7 | 63.7 | 63.5 | 63.1 | 62.5 | 62.2 | 62.0 | 62.5 | 62.0 | 61.4 | 61.5 | 61.7 | 61.4 | 60.8 | 61.3 | 63.2 | 64.8 | 65.9 | 66.4 | 66.3 | 65.3 | 64.0 | 63.6 | 63.6 | 1516.4 | 63.18 | |
| 18 | 63.6 | 63.5 | 63.3 | 63.1 | 62.4 | 61.8 | 60.8 | 60.3 | 60.3 | 60.2 | 60.7 | 60.3 | 60.2 | 61.8 | 61.9 | 63.4 | 65.4 | 66.9 | 67.5 | 67.7 | 67.0 | 65.5 | 64.9 | 64.5 | 1517.0 | 63.21 | |
| 19 D | 64.4 | 63.4 | 62.8 | 63.1 | 63.1 | 61.7 | 60.3 | 62.2 | 60.7 | 61.0 | 60.7 | 59.4 | 61.1 | 61.9 | 63.7 | 64.1 | 65.2 | 68.1 | 70.9 | 70.1 | 69.0 | 66.5 | 65.3 | 64.5 | 1533.2 | 64.10 | |
| 20 | 63.8 | 63.8 | 63.6 | 63.1 | 62.5 | 60.4 | 61.4 | 62.2 | 61.8 | 61.3 | 61.9 | 60.3 | 60.2 | 61.3 | 62.3 | 64.0 | 66.1 | 68.5 | 70.0 | 68.1 | 66.4 | 65.9 | 66.1 | 65.4 | 1530.4 | 63.77 | |
| 21 D | 66.0 | 64.2 | 63.5 | 63.3 | 62.2 | 61.0 | 62.8 | 60.2 | 60.3 | 61.1 | 60.5 | 60.8 | 60.7 | 60.5 | 62.9 | 65.2 | 66.6 | 67.9 | 68.2 | 66.8 | 67.7 | 66.2 | 60.0 | 62.5 | 1521.1 | 63.38 | |
| 22 | 64.0 | 63.9 | 63.7 | 63.6 | 63.3 | 62.7 | 61.9 | 62.2 | 62.2 | 62.2 | 61.8 | 60.9 | 60.3 | 60.8 | 62.2 | 64.3 | 66.7 | 67.7 | 67.9 | 67.4 | 66.0 | 64.9 | 64.9 | 64.6 | 1530.1 | 63.75 | |
| 23 | 63.9 | 63.3 | 62.9 | 62.8 | 62.6 | 62.5 | 62.3 | 61.7 | 61.7 | 61.4 | 60.6 | 60.9 | 60.6 | 60.5 | 61.8 | 63.7 | 65.5 | 66.8 | 67.3 | 67.1 | 65.9 | 65.1 | 64.2 | 63.8 | 1518.9 | 63.29 | |
| 24 | 63.2 | 61.3 | 59.7 | 62.2 | 62.8 | 62.6 | 62.1 | 61.8 | 61.7 | 61.7 | 61.2 | 60.3 | 59.5 | 59.3 | 60.2 | 61.9 | 64.2 | 66.3 | 67.2 | 67.1 | 65.6 | 64.6 | 64.0 | 63.6 | 1504.1 | 62.67 | |
| 25 | 63.0 | 62.4 | 57.9 | 57.9 | 57.7 | 60.4 | 62.2 | 60.2 | 61.0 | 60.4 | 60.7 | 60.8 | 62.2 | 61.3 | 61.9 | 63.5 | 65.4 | 66.7 | 67.0 | 67.0 | 66.3 | 64.6 | 64.2 | 63.6 | 1498.3 | 62.43 | |
| 26 | 63.2 | 61.8 | 60.6 | 61.7 | 62.3 | 62.4 | 62.2 | 62.1 | 61.8 | 61.7 | 61.9 | 61.3 | 60.6 | 60.4 | 61.4 | 63.2 | 64.8 | 66.3 | 66.4 | 66.0 | 64.9 | 64.0 | 63.6 | 63.3 | 1507.9 | 62.83 | |
| 27 Q | 63.5 | 63.3 | 62.8 | 62.8 | 62.5 | 62.0 | 61.7 | 61.3 | 60.9 | 61.0 | 61.0 | 60.3 | 59.9 | 60.0 | 61.5 | 63.5 | 65.4 | 66.7 | 67.2 | 66.6 | 65.4 | 64.1 | 63.7 | 63.7 | 1510.8 | 62.95 | |
| 28 | 63.2 | 63.1 | 62.9 | 62.6 | 62.5 | 62.4 | 62.4 | 62.0 | 61.8 | 61.7 | 61.3 | 60.2 | 59.4 | 60.2 | 62.4 | 64.5 | 65.6 | 66.7 | 66.4 | 66.3 | 65.6 | 66.2 | 64.6 | 63.9 | 1517.9 | 63.25 | |
| 29 | 65.2 | 63.5 | 62.6 | 62.2 | 61.5 | 61.7 | 60.0 | 59.1 | 61.5 | 62.5 | 62.1 | 61.4 | 61.0 | 62.0 | 62.8 | 64.5 | 65.9 | 66.9 | 67.2 | 66.1 | 64.7 | 63.7 | 63.6 | 63.6 | 1515.3 | 63.14 | |
| 30 Q | 63.4 | 63.1 | 62.9 | 63.1 | 63.0 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 | 61.4 | 60.8 | 60.8 | 61.1 | 61.7 | 63.3 | 64.8 | 65.9 | 65.9 | 65.4 | 64.9 | 64.4 | 64.2 | 63.9 | 1516.0 | 63.17 | |
| 31 | 63.5 | 63.4 | 63.4 | 63.0 | 62.6 | 62.3 | 61.9 | 61.6 | 62.0 | 61.7 | 61.8 | 61.5 | 60.8 | 60.5 | 61.3 | 62.9 | 64.9 | 66.2 | 66.0 | 65.2 | 64.1 | 63.5 | 63.3 | 63.5 | 1510.9 | 62.95 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 47038.5 | | |
| 1000+ | 973.0 | 962.4 | 946.9 | 945.7 | 931.2 | 917.3 | 916.8 | 910.0 | 911.3 | 910.0 | 900.8 | 887.7 | 882.9 | 900.1 | 935.3 | 983.9 | | | | | | | | | | | |
| 2000+ | | | | | | | | | | | | | | | | | 039.5 | 017.1 | 030.4 | 084.2 | 051.0 | 019.7 | | | | 996.0 | 985.3 |
| Mean. | 63.65 | 63.30 | 62.80 | 62.74 | 62.30 | 61.85 | 61.83 | 61.61 | 61.65 | 61.61 | 61.32 | 60.89 | 60.74 | 61.29 | 62.43 | 64.00 | 65.79 | 67.24 | 67.68 | 67.23 | 66.16 | 65.15 | 64.39 | 64.04 | | 63.44 | |

Horizontal component, H, 23000 gammas + tabulated value

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| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 387 | 387 | 387 | 388 | 389 | 384 | 387 | 387 | 383 | 379 | 375 | 370 | 372 | 362 | 353 | 346 | 344 | 354 | 371 | 380 | 388 | 392 | 387 | 385 | 9037 | 376.5 | |
| 02 | 382 | 378 | 383 | 383 | 381 | 383 | 383 | 383 | 380 | 381 | 378 | 373 | 368 | 365 | 358 | 355 | 346 | 353 | 353 | 364 | 377 | 383 | 383 | 383 | 8956 | 373.2 | |
| 03 | 387 | 392 | 393 | 387 | 386 | 387 | 388 | 390 | 389 | 392 | 389 | 386 | 383 | 370 | 353 | 343 | 342 | --- | --- | 370 | 368 | 366 | 358 | 353 | 8272 | --- | |
| 04 | 353 | 359 | 374 | 385 | 384 | 384 | 385 | 383 | 383 | 383 | 380 | 377 | 373 | 365 | 353 | 346 | 349 | 357 | 368 | 373 | 380 | 384 | 388 | 383 | 8949 | 372.9 | |
| 05 D | 387 | 389 | 388 | 388 | 389 | 393 | 396 | 403 | 393 | 393 | 401 | 397 | 367 | 357 | 368 | 360 | 345 | 340 | 357 | 359 | 374 | 382 | 381 | 389 | 9096 | 379.0 | |
| 06 D | 392 | 396 | 397 | 383 | 392 | 366 | 371 | 370 | 379 | 379 | 380 | 374 | 362 | 369 | 353 | 344 | 347 | 343 | 349 | 348 | 361 | 363 | 370 | 373 | 8861 | 369.2 | |
| 07 | 372 | 376 | 377 | 377 | 379 | 377 | 375 | 376 | 373 | 373 | 371 | 369 | 360 | 346 | 336 | 332 | 338 | 342 | 359 | 371 | 375 | 377 | 377 | 378 | 8786 | 366.1 | |
| 08 Q | 376 | 376 | 379 | 383 | 379 | 376 | 376 | 374 | 375 | 377 | 375 | 370 | 357 | 349 | 344 | 343 | 344 | 351 | 362 | 370 | 376 | 378 | 379 | 379 | 8848 | 368.7 | |
| 09 Q | 382 | 382 | 380 | 380 | 381 | 380 | 380 | 381 | 383 | 380 | 380 | 377 | 366 | 354 | 345 | 341 | 346 | 358 | 370 | 380 | 384 | 388 | 387 | 388 | 8973 | 373.9 | |
| 10 | 390 | 388 | 376 | 376 | 384 | 383 | 383 | 392 | 383 | 383 | 381 | 377 | 362 | 348 | 348 | 349 | 348 | 350 | 362 | 370 | 375 | 379 | 361 | 352 | 8900 | 370.8 | |
| 11 | 358 | 375 | 374 | 389 | 396 | 383 | 377 | 374 | 374 | 374 | 370 | 366 | 366 | 358 | 352 | 345 | 345 | 341 | 360 | 366 | 366 | 372 | 373 | 375 | 8829 | 367.9 | |
| 12 D | 374 | 374 | 375 | 382 | 384 | 392 | 389 | 383 | 379 | 383 | 389 | 374 | 366 | 349 | 339 | 329 | 329 | 334 | 349 | 344 | 341 | 353 | 369 | 365 | 8745 | 364.4 | |
| 13 | 353 | 365 | 371 | 374 | 379 | 377 | 379 | 379 | 379 | 383 | 381 | 373 | 366 | 346 | 346 | 340 | 341 | 349 | 357 | 366 | 372 | 375 | 376 | 376 | 8803 | 366.8 | |
| 14 | 377 | 380 | 379 | 381 | 383 | 383 | 385 | 385 | 388 | 383 | 382 | 379 | 367 | 362 | 353 | 351 | 357 | 364 | 375 | 376 | 381 | 383 | 384 | 384 | 9022 | 375.9 | |
| 15 | 388 | 388 | 377 | 383 | 376 | 375 | 379 | 379 | 382 | 387 | 385 | 380 | 370 | 358 | 350 | 348 | 348 | 358 | 370 | 375 | 384 | 384 | 373 | 388 | 8985 | 374.4 | |
| 16 Q | 392 | 394 | 393 | 392 | 393 | 388 | 388 | 386 | 383 | 381 | 383 | 379 | 369 | 361 | 357 | 354 | 354 | 357 | 369 | 377 | 382 | 382 | 383 | 383 | 9080 | 378.3 | |
| 17 | 387 | 388 | 387 | 387 | 388 | 386 | 384 | 385 | 385 | 384 | 383 | 385 | 375 | 361 | 346 | 343 | 347 | 355 | 364 | 374 | 379 | 383 | 386 | 387 | 9029 | 376.2 | |
| 18 | 388 | 388 | 392 | 392 | 393 | 396 | 401 | 393 | 392 | 386 | 388 | 385 | 372 | 363 | 357 | 348 | 341 | 350 | 361 | 371 | 370 | 371 | 377 | 380 | 9055 | 377.3 | |
| 19 D | 384 | 379 | 383 | 384 | 389 | 384 | 379 | 385 | 383 | 383 | 386 | 376 | 363 | 348 | 345 | 345 | 337 | 340 | 330 | 332 | 353 | 364 | 378 | 378 | 8808 | 367.0 | |
| 20 | 379 | 381 | 383 | 384 | 385 | 383 | 375 | 376 | 383 | 379 | 383 | 380 | 368 | 361 | 349 | 342 | 342 | 338 | 342 | 361 | 376 | 381 | 375 | 374 | 8880 | 370.0 | |
| 21 D | 370 | 379 | 382 | 384 | 379 | 378 | 391 | 395 | 376 | 373 | 370 | 364 | 357 | 344 | 327 | 326 | 327 | 336 | 338 | 349 | 358 | 357 | 349 | 374 | 8683 | 361.8 | |
| 22 | 380 | 383 | 383 | 383 | 383 | 383 | 380 | 376 | 375 | 375 | 374 | 370 | 359 | 347 | 337 | 331 | 337 | 349 | 365 | 375 | 375 | 379 | 367 | 370 | 8836 | 368.2 | |
| 23 | 379 | 382 | 382 | 383 | 381 | 380 | 380 | 378 | 377 | 377 | 375 | 370 | 366 | 354 | 344 | 340 | 346 | 357 | 368 | 374 | 379 | 380 | 380 | 380 | 8912 | 371.3 | |
| 24 | 385 | 375 | 372 | 376 | 379 | 380 | 378 | 376 | 379 | 379 | 377 | 375 | 370 | 359 | 353 | 352 | 353 | 353 | 360 | 375 | 380 | 379 | 377 | 380 | 8922 | 371.8 | |
| 25 | 392 | 392 | 388 | 382 | 372 | 369 | 384 | 375 | 379 | 380 | 383 | 383 | 381 | 361 | 348 | 342 | 344 | 350 | 361 | 367 | 366 | 366 | 370 | 375 | 8910 | 371.3 | |
| 26 | 381 | 377 | 375 | 376 | 379 | 381 | 377 | 376 | 376 | 377 | 376 | 372 | 363 | 351 | 340 | 337 | 344 | 355 | 366 | 374 | 379 | 383 | 386 | 387 | 8888 | 370.3 | |
| 27 Q | 386 | 392 | 386 | 389 | 392 | 388 | 387 | 381 | 383 | 383 | 383 | 379 | 371 | 357 | 343 | 342 | 349 | 362 | 370 | 380 | 386 | 388 | 389 | 388 | 9054 | 377.3 | |
| 28 | 389 | 390 | 392 | 392 | 392 | 391 | 389 | 389 | 388 | 387 | 385 | 380 | 366 | 359 | 357 | 353 | 353 | 360 | 370 | 383 | 381 | 381 | 379 | 386 | 9092 | 378.8 | |
| 29 | 379 | 361 | 367 | 372 | 375 | 375 | 376 | 375 | 375 | 375 | 375 | 375 | 367 | 358 | 351 | 349 | 354 | 366 | 375 | 379 | 383 | 379 | 380 | 383 | 8904 | 371.0 | |
| 30 Q | 383 | 384 | 384 | 386 | 386 | 383 | 385 | 384 | 383 | 383 | 379 | 374 | 365 | 358 | 351 | 350 | 356 | 364 | 373 | 375 | 373 | 371 | 373 | 374 | 8977 | 374.0 | |
| 31 | 375 | 379 | 388 | 389 | 389 | 389 | 390 | 389 | 386 | 388 | 388 | 385 | 376 | 366 | 357 | 353 | 358 | 367 | 377 | 388 | 391 | 392 | 396 | 392 | 9148 | 381.2 | |
| Sum. | 11787 | 11829 | 11847 | 11890 | 11917 | 11857 | 11877 | 11858 | 11826 | 11820 | 11805 | 11674 | 11393 | 11066 | 10813 | 10679 | 10711 | 10553 | 10851 | 10446 | 10613 | 11695 | 11691 | 11742 | 276240 | | |
| Mean. | 380.2 | 381.6 | 382.2 | 383.5 | 384.4 | 382.5 | 383.1 | 382.5 | 381.5 | 381.3 | 380.8 | 376.6 | 367.5 | 357.0 | 348.9 | 344.5 | 345.5 | 351.8 | 361.7 | 369.2 | 374.6 | 377.3 | 377.1 | 378.8 | | 372.2 | |

Vertical component, Z, - (36000 + tabulated values) gammas

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| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 466 | 464 | 462 | 463 | 464 | 461 | 461 | 456 | 451 | 455 | 455 | 451 | 452 | 446 | 443 | 441 | 442 | 448 | 457 | 465 | 473 | 473 | 469 | 469 | 469 | 10988 | 457.8 | |
| 02 | 463 | 462 | 463 | 463 | 459 | 458 | 455 | 457 | 457 | 459 | 457 | 456 | 455 | 451 | 446 | 442 | 438 | 443 | 448 | 458 | 465 | 465 | 469 | 467 | 464 | 464 | 10955 | 456.5 |
| 03 | 464 | 465 | 463 | 460 | 458 | 458 | 458 | 459 | 458 | 458 | 455 | 450 | 449 | 443 | 437 | 435 | 440 | --- | --- | 462 | 465 | 470 | 467 | 467 | 467 | 10041 | --- | |
| 04 | 471 | 470 | 472 | 472 | 467 | 465 | 463 | 461 | 460 | 458 | 457 | 455 | 454 | 452 | 447 | 443 | 444 | 449 | 457 | 461 | 464 | 467 | 467 | 463 | 463 | 11039 | 460.0 | |
| 05 D | 463 | 462 | 462 | 461 | 460 | 458 | 458 | 460 | 453 | 444 | 444 | 444 | 436 | 432 | 445 | 440 | 432 | 434 | 451 | 455 | 463 | 470 | 468 | 471 | 471 | 10866 | 452.8 | |
| 06 D | 469 | 468 | 467 | 462 | 443 | 439 | 453 | 449 | 447 | 440 | 438 | 439 | 433 | 449 | 442 | 440 | 446 | 448 | 456 | 459 | 464 | 466 | 467 | 467 | 467 | 10851 | 452.1 | |
| 07 | 467 | 467 | 465 | 464 | 463 | 460 | 452 | 454 | 454 | 456 | 455 | 457 | 457 | 453 | 450 | 450 | 452 | 452 | 460 | 465 | 468 | 468 | 465 | 464 | 464 | 11018 | 459.1 | |
| 08 Q | 461 | 460 | 461 | 460 | 457 | 457 | 457 | 456 | 456 | 458 | 458 | 456 | 452 | 447 | 443 | 444 | 445 | 450 | 456 | 461 | 465 | 463 | 461 | 459 | 459 | 10943 | 456.0 | |
| 09 Q | 460 | 458 | 457 | 457 | 457 | 457 | 456 | 457 | 456 | 456 | 455 | 455 | 452 | 447 | 442 | 442 | 444 | 449 | 455 | 461 | 465 | 465 | 460 | 458 | 458 | 10921 | 455.0 | |
| 10 | 458 | 457 | 451 | 454 | 455 | 449 | 451 | 448 | 449 | 449 | 447 | 443 | 441 | 438 | 444 | 446 | 445 | 447 | 456 | 464 | 471 | 476 | 467 | 467 | 467 | 10873 | 453.0 | |
| 11 | 469 | 473 | 462 | 459 | 433 | 435 | 444 | 445 | 454 | 456 | 455 | 453 | 455 | 451 | 447 | 444 | 442 | 441 | 455 | 463 | 465 | 468 | 467 | 467 | 467 | 10903 | 454.3 | |
| 12 D | 463 | 461 | 460 | 461 | 459 | 459 | 451 | 452 | 449 | 453 | 451 | 448 | 444 | 442 | 438 | 437 | 439 | 451 | 461 | 464 | 467 | 472 | 478 | 474 | 474 | 10934 | 455.6 | |
| 13 | 469 | 467 | 465 | 464 | 462 | 459 | 458 | 458 | 457 | 457 | 457 | 455 | 452 | 450 | 445 | 440 | 442 | 440 | 455 | 460 | 464 | 467 | 466 | 463 | 463 | 10972 | 457.2 | |
| 14 | 462 | 460 | 458 | 458 | 458 | 456 | 456 | 453 | 452 | 451 | 454 | 454 | 447 | 445 | 441 | 439 | 442 | 447 | 453 | 456 | 458 | 459 | 460 | 460 | 460 | 10879 | 453.3 | |
| 15 | 459 | 460 | 456 | 453 | 441 | 449 | 452 | 452 | 454 | 456 | 454 | 453 | 447 | 443 | 439 | 436 | 434 | 435 | 436 | 455 | 460 | 462 | 452 | 458 | 458 | 10779 | 449.1 | |
| 16 Q | 459 | 459 | 457 | 455 | 455 | 452 | 451 | 451 | 449 | 447 | 448 | 449 | 446 | 443 | 439 | 437 | 438 | 441 | 449 | 455 | 458 | 457 | 455 | 455 | 455 | 10805 | 450.2 | |
| 17 | 456 | 456 | 455 | 455 | 454 | 451 | 451 | 449 | 446 | 446 | 446 | 451 | 449 | 446 | 440 | 437 | 437 | 440 | 446 | 451 | 456 | 458 | 456 | 456 | 456 | 10788 | 449.5 | |
| 18 | 455 | 454 | 453 | 453 | 453 | 454 | 454 | 448 | 447 | 444 | 444 | 444 | 440 | 438 | 438 | 433 | 433 | 440 | 447 | 456 | 456 | 455 | 457 | 459 | 459 | 10755 | 448.1 | |
| 19 D | 459 | 458 | 458 | 456 | 457 | 453 | 449 | 450 | 448 | 451 | 451 | 448 | 440 | 433 | 436 | 438 | 436 | 438 | 438 | 451 | 462 | 465 | 471 | 465 | 465 | 10811 | 450.5 | |
| 20 | 463 | 461 | 459 | 458 | 456 | 449 | 449 | 451 | 453 | 451 | 453 | 451 | 447 | 444 | 439 | 439 | 440 | 438 | 442 | 457 | 467 | 471 | 465 | 463 | 463 | 10866 | 452.8 | |
| 21 D | 461 | 463 | 462 | 459 | 457 | 453 | 452 | 435 | 434 | 442 | 448 | 448 | 446 | 442 | 436 | 437 | 440 | 447 | 450 | 459 | 464 | 463 | 464 | 467 | 467 | 10829 | 451.2 | |
| 22 | 463 | 461 | 459 | 456 | 455 | 453 | 451 | 450 | 449 | 450 | 451 | 451 | 449 | 447 | 440 | 437 | 440 | 444 | 450 | 454 | 456 | 459 | 455 | 451 | 451 | 10831 | 451.3 | |
| 23 | 455 | 455 | 453 | 453 | 450 | 449 | 448 | 447 | 446 | 446 | 447 | 445 | 444 | 441 | 438 | 436 | 438 | 440 | 444 | 449 | 453 | 456 | 453 | 452 | 452 | 10738 | 447.4 | |
| 24 | 454 | 451 | 447 | 448 | 449 | 448 | 447 | 447 | 447 | 444 | 445 | 446 | 445 | 442 | 436 | 430 | 428 | 429 | 436 | 447 | 452 | 452 | 449 | 450 | 450 | 10669 | 444.5 | |
| 25 | 455 | 453 | 446 | 440 | 437 | 440 | 440 | 436 | 436 | 440 | 442 | 441 | 440 | 435 | 431 | 430 | 432 | 437 | 445 | 450 | 453 | 453 | 453 | 453 | 453 | 10618 | 442.4 | |
| 26 | 455 | 451 | 449 | 448 | 448 | 449 | 446 | 446 | 446 | 446 | 446 | 446 | 443 | 438 | 433 | 429 | 432 | 438 | 444 | 449 | 453 | 453 | 453 | 451 | 451 | 10692 | 445.5 | |
| 27 Q | 448 | 450 | 447 | 447 | 446 | 444 | 443 | 441 | 440 | 441 | 441 | 441 | 442 | 438 | 433 | 432 | 435 | 441 | 446 | 449 | 453 | 453 | 451 | 450 | 450 | 10652 | 443.8 | |
| 28 | 449 | 448 | 448 | 446 | 445 | 444 | 443 | 443 | 442 | 442 | 442 | 442 | 440 | 437 | 436 | 435 | 438 | 442 | 449 | 455 | 454 | 451 | 451 | 455 | 455 | 10678 | 444.9 | |
| 29 | 451 | 453 | 453 | 452 | 449 | 449 | 444 | 440 | 444 | 444 | 446 | 445 | 445 | 444 | 443 | 441 | 438 | 439 | 442 | 449 | 455 | 459 | 453 | 452 | 451 | 10736 | 447.3 | |
| 30 Q | 451 | 451 | 449 | 448 | 447 | 445 | 445 | 445 | 444 | 444 | 444 | 444 | 442 | 440 | 438 | 436 | 437 | 441 | 445 | 447 | 448 | 448 | 449 | 451 | 451 | 10679 | 445.0 | |
| 31 | 451 | 453 | 453 | 450 | 449 | 446 | 445 | 444 | 441 | 442 | 442 | 443 | 442 | 439 | 436 | 433 | 434 | 436 | 441 | 446 | 449 | 448 | 449 | 445 | 445 | 10657 | 444.4 | |
| Sum. | 14249 | 14231 | 14172 | 14135 | 14046 | 13999 | 13983 | 13940 | 13919 | 13928 | 13927 | 13905 | 13825 | 13735 | 13639 | 13576 | 13604 | 13268 | 13477 | 14139 | 14250 | 14310 | 14264 | 14245 | 14245 | 334766 | | |
| Mean. | 459.6 | 459.1 | 457.2 | 456.0 | 454.1 | 451.6 | 451.1 | 449.7 | 449.0 | 449.3 | 449.3 | 448.5 | 446.0 | 443.1 | 440.0 | 437.9 | 438.8 | 442.3 | 449.2 | 456.1 | 459.7 | 461.6 | 460.1 | 459.5 | 459.5 | | 451.0 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

April 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 63.4 | 63.3 | 62.8 | 62.5 | 57.6 | 57.3 | 58.0 | 59.8 | 60.0 | 59.4 | 60.2 | 60.5 | 59.8 | 61.4 | 62.3 | 63.4 | 65.5 | 66.1 | 66.4 | 66.1 | 65.4 | 64.8 | 64.2 | 63.9 | 1494.1 | 62.25 | |
| 2 | 63.8 | 63.7 | 63.2 | 63.0 | 62.0 | 62.3 | 62.5 | 62.5 | 62.2 | 61.9 | 61.9 | 61.7 | 61.1 | 61.0 | 61.8 | 63.6 | 65.4 | 66.4 | 66.4 | 67.1 | 66.5 | 66.0 | 66.8 | 65.0 | 1527.8 | 63.66 | |
| 3 | 63.1 | 64.2 | 63.5 | 63.3 | 62.8 | 61.9 | 57.3 | 58.5 | 61.6 | 62.2 | 62.2 | 62.1 | 62.2 | 62.2 | 62.4 | 63.7 | 64.9 | 66.8 | 67.3 | 67.0 | 65.9 | 64.5 | 64.1 | 64.4 | 1518.1 | 63.25 | |
| 4 | 64.1 | 63.2 | 63.1 | 62.8 | 62.0 | 59.5 | 63.1 | 61.3 | 62.2 | 64.0 | 60.2 | 61.7 | 61.9 | 61.3 | 62.3 | 63.6 | 64.9 | 65.9 | 66.3 | 65.9 | 64.6 | 64.0 | 64.1 | 63.6 | 1515.6 | 63.15 | |
| 5 | 61.4 | 62.9 | 62.4 | 61.1 | 61.6 | 62.5 | 62.8 | 62.6 | 62.3 | 62.2 | 62.2 | 62.4 | 62.1 | 61.5 | 62.2 | 63.7 | 64.9 | 65.5 | 65.6 | 64.9 | 64.2 | 63.9 | 63.6 | 63.6 | 1512.1 | 63.00 | |
| 6 D | 63.6 | 63.4 | 63.1 | 62.2 | 56.8 | 56.5 | 59.1 | 58.2 | 59.9 | 62.2 | 66.4 | 62.7 | 63.7 | 63.1 | 64.0 | 65.2 | 66.1 | 67.5 | 70.0 | 68.8 | 66.9 | 66.1 | 65.8 | 65.4 | 1526.7 | 63.61 | |
| 7 D | 61.2 | 59.3 | 62.5 | 60.1 | 57.1 | 62.5 | 59.6 | 55.7 | 58.2 | 65.3 | 66.0 | 66.8 | 71.3 | 69.3 | 67.8 | 68.2 | 66.9 | 68.0 | 67.8 | 68.6 | 65.9 | 65.4 | 62.2 | 54.8 | 1530.5 | 63.77 | |
| 8 D | 55.3 | 63.3 | 62.2 | 60.9 | 60.4 | 61.8 | 63.7 | 64.6 | 64.7 | 64.2 | 64.2 | 62.6 | 64.0 | 65.4 | 66.5 | 67.8 | 70.7 | 69.5 | 69.4 | 70.0 | 67.3 | 62.0 | 64.0 | 63.8 | 1548.3 | 64.51 | |
| 9 | 57.3 | 60.3 | 63.7 | 63.4 | 62.9 | 63.5 | 64.9 | 64.8 | 63.7 | 63.7 | 63.3 | 62.7 | 61.7 | 61.9 | 64.6 | 66.6 | 66.9 | 67.7 | 67.4 | 66.9 | 66.0 | 65.4 | 64.5 | 63.7 | 1537.5 | 64.06 | |
| 10 D | 64.0 | 63.6 | 63.4 | 60.4 | 58.9 | 63.2 | 62.9 | 62.9 | 62.5 | 67.4 | 64.3 | 67.7 | 64.0 | 62.5 | 64.9 | 68.4 | 67.8 | 68.4 | 69.9 | 68.5 | 68.6 | 66.8 | 57.6 | 63.2 | 1551.8 | 64.66 | |
| 11 | 62.4 | 61.1 | 61.2 | 56.9 | 59.1 | 61.4 | 64.3 | 64.8 | 62.3 | 62.3 | 65.6 | 66.0 | 64.4 | 63.1 | 63.6 | 65.5 | 68.7 | 68.9 | 67.3 | 66.7 | 65.6 | 63.6 | 63.7 | 61.9 | 1530.4 | 63.77 | |
| 12 | 63.7 | 62.6 | 59.8 | 61.3 | 63.8 | 63.9 | 63.8 | 63.8 | 63.8 | 63.8 | 63.6 | 63.0 | 62.0 | 62.6 | 63.2 | 64.6 | 66.5 | 67.3 | 67.0 | 66.1 | 65.3 | 64.8 | 63.7 | 62.5 | 1532.5 | 63.85 | |
| 13 Q | 60.2 | 63.7 | 63.7 | 63.3 | 62.7 | 62.7 | 62.9 | 63.2 | 63.6 | 63.7 | 63.6 | 63.2 | 62.4 | 61.7 | 62.0 | 63.4 | 65.0 | 66.4 | 66.8 | 66.1 | 65.3 | 64.6 | 64.7 | 64.3 | 1529.2 | 63.72 | |
| 14 Q | 61.7 | 62.6 | 63.3 | 63.4 | 63.3 | 63.1 | 63.0 | 63.0 | 63.0 | 62.8 | 62.7 | 62.6 | 61.8 | 61.2 | 61.5 | 63.2 | 64.9 | 66.1 | 66.9 | 66.5 | 65.0 | 64.2 | 64.2 | 64.3 | 1524.3 | 63.51 | |
| 15 | 64.0 | 63.7 | 63.2 | 60.5 | 58.8 | 60.8 | 62.0 | 62.4 | 62.3 | 62.2 | 62.3 | 62.1 | 61.5 | 60.5 | 60.9 | 62.9 | 65.2 | 67.6 | 66.7 | 66.1 | 65.3 | 65.1 | 64.6 | 64.3 | 1515.0 | 63.13 | |
| 16 | 63.8 | 64.0 | 62.4 | 63.3 | 62.6 | 62.2 | 62.0 | 61.8 | 61.9 | 61.9 | 61.9 | 61.6 | 61.3 | 61.3 | 62.5 | 64.3 | 66.0 | 66.9 | 66.9 | 66.4 | 65.6 | 65.0 | 65.0 | 64.9 | 1525.5 | 63.56 | |
| 17 | 64.1 | 63.7 | 61.5 | 58.6 | 56.7 | 60.3 | 62.6 | 62.5 | 62.5 | 62.5 | 62.9 | 62.3 | 61.8 | 61.5 | 62.4 | 63.9 | 65.2 | 66.4 | 66.4 | 65.8 | 64.9 | 64.2 | 63.7 | 63.6 | 1510.0 | 62.92 | |
| 18 | 63.4 | 63.4 | 63.5 | 62.0 | 59.8 | 60.0 | 59.9 | 59.5 | 61.4 | 61.1 | 62.1 | 61.3 | 62.2 | 61.5 | 64.2 | 64.8 | 66.1 | 66.3 | 66.6 | 66.7 | 65.6 | 64.8 | 64.4 | 64.6 | 1515.2 | 63.13 | |
| 19 | 64.5 | 64.1 | 59.2 | 59.5 | 61.5 | 62.7 | 62.0 | 62.6 | 62.4 | 62.7 | 62.6 | 62.5 | 62.3 | 62.1 | 62.9 | 64.2 | 65.5 | 66.2 | 66.0 | 65.1 | 64.3 | 63.8 | 63.7 | 63.7 | 1516.1 | 63.17 | |
| 20 | 63.8 | 62.0 | 63.2 | 62.7 | 61.7 | 62.0 | 62.7 | 62.9 | 62.9 | 62.7 | 62.7 | 62.5 | 61.6 | 61.4 | 62.1 | 63.4 | 65.0 | 65.5 | 65.5 | 64.9 | 64.3 | 64.1 | 63.7 | 63.5 | 1516.8 | 63.20 | |
| 21 | 63.8 | 63.9 | 63.0 | 62.4 | 61.6 | 60.7 | 61.2 | 61.8 | 62.0 | 62.1 | 61.7 | 61.4 | 61.0 | 60.8 | 61.7 | 62.9 | 64.3 | 68.1 | 70.3 | 68.1 | 67.9 | 66.6 | 65.7 | 66.8 | 1529.8 | 63.74 | |
| 22 D | 59.1 | 62.6 | 64.5 | 59.4 | 60.0 | 59.2 | 55.9 | 58.5 | 57.6 | 59.9 | 61.5 | 65.5 | 66.0 | 64.8 | 65.5 | 66.7 | 69.7 | 68.8 | 68.3 | 67.7 | 68.2 | 67.0 | 64.2 | 64.9 | 1525.5 | 63.56 | |
| 23 | 65.7 | 64.2 | 65.4 | 62.6 | 60.3 | 59.4 | 60.8 | 61.9 | 59.4 | 61.4 | 61.9 | 61.5 | 63.7 | 63.2 | 64.1 | 65.1 | 66.5 | 66.4 | 66.1 | 65.7 | 64.9 | 64.4 | 64.2 | 64.0 | 1522.8 | 63.45 | |
| 24 Q | 63.8 | 63.8 | 63.7 | 63.7 | 63.7 | 63.4 | 63.2 | 63.0 | 62.8 | 62.7 | 63.0 | 63.3 | 62.3 | 62.7 | 63.0 | 68.3 | 64.7 | 66.1 | 65.5 | 64.7 | 64.1 | 63.7 | 63.7 | 63.7 | 1532.6 | 63.86 | |
| 25 | 63.7 | 63.7 | 63.6 | 63.4 | 63.2 | 62.8 | 63.3 | 61.4 | 61.9 | 61.8 | 61.7 | 63.5 | 62.1 | 61.6 | 62.6 | 64.3 | 65.9 | 66.7 | 67.1 | 67.1 | 66.0 | 64.1 | 63.6 | 63.7 | 1528.8 | 63.70 | |
| 26 | 64.0 | 63.5 | 62.3 | 63.0 | 62.9 | 62.0 | 59.6 | 58.7 | 66.4 | 61.9 | 62.0 | 62.8 | 63.7 | 63.1 | 63.2 | 64.1 | 65.3 | 65.9 | 65.7 | 65.0 | 64.6 | 64.5 | 64.6 | 65.5 | 1524.3 | 63.51 | |
| 27 | 65.4 | 64.5 | 63.6 | 63.2 | 63.3 | 59.2 | 59.5 | 60.5 | 62.0 | 63.9 | 64.1 | 63.3 | 62.9 | 62.4 | 63.1 | 64.9 | 64.2 | 64.7 | 64.6 | 64.6 | 64.5 | 64.4 | 63.9 | 63.8 | 1520.5 | 63.35 | |
| 28 | 63.3 | 63.0 | 62.2 | 61.9 | 61.3 | 62.5 | 63.0 | 61.4 | 62.5 | 62.1 | 62.4 | 62.3 | 62.0 | 61.8 | 62.4 | 63.8 | 65.5 | 65.1 | 65.1 | 64.9 | 64.5 | 63.8 | 63.9 | 63.9 | 1514.6 | 63.11 | |
| 29 Q | 64.1 | 63.1 | 61.4 | 60.4 | 62.4 | 62.7 | 62.7 | 62.7 | 62.8 | 63.2 | 63.1 | 62.7 | 62.3 | 62.3 | 62.2 | 64.2 | 64.3 | 65.1 | 65.5 | 65.5 | 65.8 | 65.5 | 64.6 | 64.1 | 1522.7 | 63.45 | |
| 30 Q | 62.2 | 63.5 | 63.4 | 63.0 | 62.6 | 62.6 | 62.6 | 62.5 | 62.7 | 63.9 | 63.2 | 62.3 | 62.0 | 61.8 | 62.5 | 63.8 | 64.6 | 65.0 | 64.6 | 64.7 | 64.6 | 65.1 | 63.8 | 63.8 | 1519.8 | 63.33 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 45718.9 | | |
| 1000+ | 883.9 | 893.9 | 884.2 | 854.2 | 833.4 | 844.6 | 850.9 | 849.8 | 863.5 | 881.1 | 885.5 | 886.6 | 881.1 | 870.0 | 894.4 | 942.5 | 977.1 | | | | 992.2 | 967.6 | 942.2 | 920.5 | 913.2 | | |
| 2000+ | | | | | | | | | | | | | | | | | | | 001.6 | 005.4 | | | | | | | |
| Mean. | 62.80 | 63.13 | 62.80 | 61.81 | 61.11 | 61.49 | 61.70 | 61.66 | 62.12 | 62.70 | 62.85 | 62.89 | 62.70 | 62.33 | 63.15 | 64.75 | 65.90 | 66.72 | 66.35 | 66.41 | 65.59 | 64.74 | 64.02 | 63.77 | | 63.50 | |

Horizontal component, H, 23000 gammas + tabulated value

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| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | | 393 | 395 | 396 | 395 | 383 | 378 | 367 | 378 | 374 | 395 | 373 | 369 | 367 | 358 | 348 | 345 | 350 | 356 | 365 | 370 | 373 | 375 | 378 | 380 | 8961 | 373.4 |
| 02 | | 382 | 381 | 381 | 384 | 386 | 381 | 379 | 379 | 379 | 378 | 378 | 377 | 370 | 360 | 352 | 348 | 348 | 357 | 367 | 374 | 363 | 370 | 374 | 349 | 8897 | 370.7 |
| 03 | | 368 | 381 | 383 | 383 | 383 | 391 | 388 | 374 | 370 | 371 | 371 | 370 | 367 | 361 | 358 | 357 | 353 | 361 | 359 | 365 | 367 | 366 | 371 | 376 | 8894 | 370.6 |
| 04 | | 377 | 378 | 382 | 382 | 383 | 383 | 378 | 378 | 367 | 391 | 387 | 374 | 362 | 358 | 352 | 352 | 356 | 360 | 366 | 373 | 374 | 375 | 376 | 355 | 8919 | 381.6 |
| 05 | | 370 | 356 | 361 | 362 | 370 | 372 | 371 | 370 | 370 | 370 | 371 | 368 | 366 | 361 | 351 | 349 | 357 | 366 | 374 | 382 | 383 | 386 | 388 | 389 | 8864 | 369.3 |
| 06 | D | 390 | 397 | 403 | 404 | 397 | 476 | 387 | 368 | 373 | 381 | 394 | 393 | 376 | 356 | 345 | 342 | 348 | 355 | 343 | 347 | 346 | 312 | 348 | 348 | 8829 | 367.9 |
| 07 | D | 361 | 329 | 351 | 359 | 355 | 357 | 361 | 353 | 371 | 357 | 357 | 361 | 356 | 357 | 327 | 313 | 336 | 344 | 356 | 346 | 335 | 332 | 320 | 344 | 8338 | 347.4 |
| 08 | D | 331 | 350 | 357 | 352 | 358 | 358 | 362 | 360 | 361 | 362 | 365 | 374 | 354 | 344 | 334 | 321 | 280 | 320 | 327 | 337 | 331 | 344 | 355 | 345 | 8282 | 345.1 |
| 09 | | 336 | 358 | 361 | 366 | 370 | 370 | 374 | 371 | 362 | 362 | 364 | 363 | 357 | 340 | 328 | 331 | 341 | 344 | 353 | 355 | 353 | 361 | 366 | 366 | 8552 | 356.3 |
| 10 | D | 366 | 370 | 370 | 370 | 366 | 372 | 372 | 374 | 372 | 382 | 399 | 393 | 371 | 357 | 324 | 317 | 336 | 341 | 321 | 326 | 328 | 324 | 339 | 344 | 8534 | 355.6 |
| 11 | | 347 | 340 | 368 | 357 | 341 | 351 | 361 | 364 | 365 | 361 | 358 | 359 | 348 | 344 | 331 | 324 | 324 | 337 | 350 | 356 | 354 | 348 | 344 | 347 | 8379 | 349.1 |
| 12 | | 354 | 361 | 355 | 355 | 361 | 361 | 362 | 362 | 363 | 363 | 364 | 362 | 357 | 344 | 336 | 330 | 334 | 340 | 352 | 359 | 359 | 346 | 344 | 349 | 9473 | 353.0 |
| 13 | Q | 361 | 361 | 363 | 364 | 368 | 365 | 364 | 366 | 365 | 365 | 366 | 367 | 364 | 355 | 342 | 338 | 335 | 337 | 348 | 358 | 360 | 362 | 364 | 366 | 8604 | 358.5 |
| 14 | Q | 363 | 370 | 368 | 369 | 371 | 372 | 372 | 374 | 374 | 374 | 374 | 371 | 366 | 359 | 353 | 349 | 349 | 354 | 364 | 370 | 374 | 374 | 372 | 372 | 8808 | 367.0 |
| 15 | | 375 | 379 | 381 | 381 | 378 | 372 | 375 | 375 | 375 | 376 | 378 | 376 | 370 | 366 | 364 | 353 | 348 | 364 | 372 | 382 | 379 | 378 | 381 | 380 | 8958 | 373.2 |
| 16 | | 381 | 383 | 378 | 377 | 372 | 378 | 377 | 374 | 374 | 372 | 373 | 374 | 370 | 361 | 349 | 347 | 353 | 358 | 364 | 372 | 376 | 374 | 378 | 376 | 8891 | 370.5 |
| 17 | | 376 | 375 | 374 | 381 | 378 | 363 | 369 | 369 | 371 | 374 | 375 | 374 | 369 | 361 | 350 | 341 | 346 | 355 | 361 | 370 | 373 | 375 | 374 | 373 | 8827 | 367.8 |
| 18 | | 372 | 372 | 374 | 369 | 356 | 361 | 368 | 368 | 378 | 380 | 383 | 374 | 371 | 357 | 348 | 349 | 348 | 353 | 363 | 374 | 362 | 372 | 375 | 377 | 8807 | 367.0 |
| 19 | | 375 | 376 | 365 | 372 | 366 | 370 | 368 | 377 | 372 | 371 | 371 | 370 | 366 | 357 | 350 | 350 | 353 | 361 | 370 | 374 | 374 | 374 | 374 | 374 | 8830 | 367.9 |
| 20 | | 357 | 357 | 365 | 372 | 373 | 371 | 371 | 372 | 372 | 374 | 374 | 374 | 371 | 361 | 354 | 348 | 348 | 357 | 368 | 371 | 374 | 374 | 371 | 375 | 8814 | 367.3 |
| 21 | | 395 | 393 | 392 | 391 | 388 | 383 | 380 | 374 | 375 | 377 | 383 | 387 | 383 | 370 | 355 | 350 | 349 | 331 | 337 | 348 | 351 | 351 | 357 | 358 | 8858 | 369.1 |
| 22 | D | 331 | 347 | 351 | 357 | 342 | 357 | 344 | 342 | 368 | 362 | 361 | 353 | 348 | 339 | 330 | 315 | 327 | 335 | 340 | 349 | 345 | 344 | 349 | 357 | 8293 | 345.5 |
| 23 | | 351 | 344 | 357 | 348 | 360 | 353 | 352 | 365 | 352 | 351 | 363 | 354 | 355 | 344 | 336 | 334 | 335 | 345 | 357 | 361 | 359 | 362 | 363 | 362 | 8463 | 352.6 |
| 24 | Q | 365 | 366 | 365 | 366 | 366 | 364 | 364 | 364 | 362 | 363 | 363 | 364 | 363 | 353 | 352 | 350 | 351 | 358 | 362 | 370 | 370 | 370 | 370 | 370 | 8711 | 363.0 |
| 25 | | 370 | 370 | 368 | 368 | 369 | 367 | 371 | 370 | 370 | 368 | 368 | 370 | 362 | 356 | 354 | 347 | 352 | 358 | 364 | 361 | 348 | 360 | 364 | 365 | 8720 | 363.3 |
| 26 | | 367 | 367 | 370 | 369 | 374 | 375 | 383 | 367 | 376 | 371 | 371 | 369 | 362 | 347 | 337 | 334 | 342 | 352 | 360 | 366 | 367 | 363 | 357 | 362 | 8708 | 362.8 |
| 27 | | 362 | 362 | 362 | 361 | 368 | 368 | 359 | 363 | 363 | 362 | 372 | 370 | 368 | 357 | 344 | 340 | 350 | 355 | 359 | 357 | 352 | 357 | 357 | 357 | 8625 | 359.4 |
| 28 | | 356 | 356 | 355 | 357 | 358 | 370 | 390 | 370 | 370 | 371 | 374 | 375 | 368 | 360 | 348 | 337 | 342 | 355 | 364 | 366 | 362 | 357 | 357 | 357 | 8675 | 361.4 |
| 29 | Q | 365 | 364 | 366 | 370 | 370 | 370 | 373 | 370 | 371 | 372 | 374 | 374 | 370 | 357 | 348 | 352 | 356 | 358 | 360 | 355 | 348 | 351 | 357 | 361 | 8712 | 363.0 |
| 30 | Q | 366 | 368 | 371 | 371 | 374 | 375 | 376 | 374 | 374 | 377 | 379 | 378 | 374 | 367 | 361 | 354 | 352 | 354 | 361 | 357 | 359 | 357 | 356 | 357 | 8792 | 366.3 |
| Sum. | | 10973 | 11006 | 11093 | 11112 | 11087 | 11084 | 11118 | 11065 | 11089 | 11133 | 11183 | 11137 | 10951 | 10667 | 10362 | 10217 | 10299 | 10521 | 10707 | 10851 | 10799 | 10794 | 10879 | 10891 | 261018 | |
| Mean. | | 365.8 | 366.9 | 369.8 | 370.4 | 369.6 | 369.5 | 370.6 | 368.8 | 369.6 | 371.1 | 372.8 | 371.2 | 365.0 | 355.6 | 345.4 | 340.6 | 343.3 | 350.7 | 356.9 | 361.7 | 360.0 | 359.8 | 362.6 | 363.0 | | 362.5 |

Vertical component, Z, - (36000 + tabulated value) gamma

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| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 446 | 447 | 446 | 446 | 437 | 436 | 434 | 439 | 435 | 427 | 431 | 431 | 434 | 436 | 435 | 433 | 434 | 438 | 443 | 447 | 449 | 449 | 449 | 449 | 449 | 10551 | 439.6 |
| 02 | 449 | 449 | 448 | 449 | 444 | 444 | 446 | 446 | 446 | 446 | 446 | 447 | 447 | 442 | 459 | 436 | 436 | 442 | 447 | 452 | 449 | 453 | 457 | 454 | 454 | 10714 | 446.4 |
| 03 | 457 | 459 | 456 | 455 | 452 | 450 | 431 | 430 | 440 | 444 | 445 | 444 | 445 | 443 | 441 | 439 | 438 | 440 | 440 | 447 | 451 | 453 | 457 | 456 | 456 | 10713 | 446.4 |
| 04 | 456 | 456 | 455 | 453 | 450 | 440 | 429 | 435 | 425 | 431 | 426 | 437 | 440 | 441 | 440 | 440 | 442 | 443 | 445 | 451 | 452 | 452 | 453 | 449 | 449 | 10641 | 443.4 |
| 05 | 452 | 450 | 454 | 453 | 453 | 453 | 451 | 450 | 449 | 448 | 448 | 447 | 448 | 447 | 445 | 444 | 446 | 449 | 451 | 452 | 453 | 453 | 451 | 449 | 449 | 10796 | 449.8 |
| 06 D | 449 | 451 | 451 | 453 | 441 | 436 | 437 | 428 | 436 | 436 | 426 | 431 | 432 | 433 | 433 | 435 | 440 | 441 | 437 | 447 | 461 | 461 | 469 | 469 | 469 | 10633 | 443.0 |
| 07 D | 453 | 433 | 458 | 452 | 433 | 419 | 393 | 405 | 416 | 407 | 434 | 438 | 434 | 440 | 437 | 438 | 456 | 456 | 461 | 462 | 465 | 468 | 468 | 462 | 462 | 10588 | 441.2 |
| 08 D | 450 | 461 | 461 | 448 | 455 | 453 | 452 | 449 | 451 | 451 | 452 | 459 | 446 | 442 | 440 | 435 | 429 | 457 | 459 | 467 | 469 | 475 | 473 | 466 | 466 | 10900 | 454.2 |
| 09 | 459 | 463 | 463 | 460 | 457 | 453 | 442 | 440 | 446 | 451 | 454 | 456 | 456 | 449 | 440 | 442 | 449 | 451 | 455 | 461 | 459 | 462 | 463 | 462 | 462 | 10893 | 453.9 |
| 10 D | 458 | 458 | 457 | 452 | 444 | 452 | 451 | 451 | 448 | 428 | 422 | 426 | 431 | 442 | 428 | 433 | 447 | 452 | 450 | 462 | 471 | 473 | 473 | 468 | 468 | 10777 | 449.0 |
| 11 | 466 | 447 | 434 | 430 | 449 | 455 | 449 | 440 | 446 | 442 | 449 | 448 | 453 | 454 | 449 | 444 | 442 | 449 | 462 | 464 | 464 | 463 | 460 | 462 | 462 | 10821 | 450.9 |
| 12 | 463 | 462 | 449 | 451 | 455 | 455 | 454 | 453 | 453 | 455 | 454 | 454 | 455 | 451 | 448 | 446 | 444 | 447 | 455 | 460 | 460 | 455 | 456 | 460 | 460 | 10893 | 453.9 |
| 13 Q | 456 | 459 | 459 | 456 | 455 | 454 | 451 | 451 | 451 | 451 | 451 | 452 | 454 | 453 | 449 | 446 | 442 | 442 | 448 | 455 | 459 | 459 | 458 | 457 | 457 | 10868 | 452.8 |
| 14 Q | 455 | 455 | 454 | 453 | 452 | 452 | 451 | 451 | 449 | 449 | 448 | 449 | 449 | 446 | 443 | 439 | 438 | 441 | 446 | 451 | 454 | 453 | 451 | 451 | 451 | 10780 | 449.2 |
| 15 | 452 | 453 | 453 | 447 | 443 | 443 | 445 | 445 | 446 | 446 | 446 | 446 | 447 | 446 | 442 | 432 | 428 | 435 | 442 | 447 | 446 | 446 | 448 | 447 | 447 | 10671 | 444.6 |
| 16 | 448 | 451 | 450 | 449 | 445 | 447 | 446 | 444 | 443 | 442 | 442 | 442 | 443 | 441 | 438 | 438 | 442 | 446 | 449 | 455 | 455 | 453 | 453 | 451 | 451 | 10713 | 446.4 |
| 17 | 451 | 451 | 448 | 440 | 431 | 435 | 442 | 443 | 444 | 445 | 444 | 444 | 444 | 442 | 438 | 437 | 438 | 442 | 447 | 453 | 453 | 452 | 449 | 448 | 448 | 10661 | 444.2 |
| 18 | 447 | 447 | 447 | 445 | 442 | 442 | 440 | 438 | 439 | 437 | 436 | 436 | 442 | 441 | 440 | 441 | 442 | 447 | 452 | 456 | 449 | 453 | 453 | 453 | 453 | 10665 | 444.4 |
| 19 | 451 | 450 | 446 | 444 | 444 | 444 | 443 | 442 | 441 | 443 | 444 | 444 | 444 | 443 | 442 | 439 | 440 | 444 | 447 | 451 | 451 | 451 | 449 | 449 | 449 | 10686 | 445.3 |
| 20 | 446 | 443 | 447 | 446 | 443 | 443 | 444 | 445 | 444 | 444 | 444 | 445 | 447 | 444 | 442 | 440 | 441 | 446 | 449 | 450 | 451 | 450 | 448 | 449 | 449 | 10691 | 445.5 |
| 21 | 456 | 451 | 449 | 446 | 443 | 441 | 439 | 436 | 437 | 438 | 441 | 441 | 440 | 438 | 436 | 435 | 431 | 422 | 428 | 442 | 451 | 453 | 457 | 457 | 457 | 10608 | 442.0 |
| 22 D | 454 | 455 | 456 | 451 | 444 | 438 | 427 | 434 | 425 | 428 | 432 | 425 | 435 | 439 | 438 | 432 | 435 | 443 | 448 | 458 | 459 | 457 | 464 | 465 | 465 | 10642 | 443.4 |
| 23 | 458 | 459 | 461 | 455 | 448 | 439 | 442 | 436 | 436 | 437 | 440 | 439 | 444 | 444 | 442 | 441 | 440 | 444 | 450 | 454 | 454 | 455 | 454 | 451 | 451 | 10723 | 446.8 |
| 24 Q | 451 | 449 | 446 | 446 | 446 | 446 | 445 | 444 | 444 | 444 | 444 | 444 | 445 | 442 | 444 | 446 | 446 | 445 | 445 | 449 | 451 | 451 | 448 | 447 | 447 | 10708 | 446.2 |
| 25 | 446 | 444 | 444 | 444 | 444 | 444 | 444 | 438 | 437 | 439 | 438 | 437 | 440 | 442 | 440 | 434 | 438 | 441 | 444 | 444 | 440 | 449 | 451 | 450 | 450 | 10612 | 442.2 |
| 26 | 449 | 448 | 446 | 446 | 446 | 442 | 430 | 422 | 414 | 424 | 436 | 437 | 440 | 439 | 440 | 442 | 444 | 446 | 451 | 453 | 454 | 451 | 446 | 450 | 450 | 10596 | 441.5 |
| 27 | 451 | 450 | 448 | 446 | 439 | 430 | 432 | 434 | 440 | 440 | 444 | 444 | 447 | 445 | 440 | 438 | 444 | 446 | 447 | 448 | 446 | 451 | 451 | 451 | 451 | 10654 | 443.9 |
| 28 | 450 | 449 | 449 | 446 | 451 | 442 | 431 | 430 | 438 | 439 | 441 | 443 | 443 | 442 | 437 | 430 | 434 | 440 | 444 | 446 | 446 | 446 | 446 | 446 | 446 | 10607 | 442.0 |
| 29 Q | 448 | 447 | 445 | 442 | 442 | 442 | 442 | 439 | 440 | 441 | 442 | 442 | 442 | 439 | 434 | 439 | 441 | 440 | 442 | 442 | 440 | 444 | 449 | 451 | 451 | 10615 | 442.3 |
| 30 Q | 449 | 449 | 447 | 446 | 444 | 442 | 442 | 440 | 439 | 440 | 440 | 440 | 441 | 441 | 437 | 434 | 435 | 437 | 442 | 442 | 443 | 442 | 443 | 446 | 446 | 10601 | 441.7 |
| Sum. | 13576 | 13546 | 13527 | 13450 | 13372 | 13312 | 13205 | 13180 | 13198 | 13191 | 13240 | 13268 | 13308 | 13287 | 13197 | 13148 | 13202 | 13312 | 13426 | 13568 | 13605 | 13631 | 13647 | 13625 | 321021 | | |
| Mean. | 452.5 | 451.5 | 450.9 | 448.3 | 445.7 | 443.7 | 440.2 | 439.3 | 439.9 | 439.7 | 441.5 | 442.3 | 443.6 | 442.9 | 439.9 | 438.3 | 440.1 | 443.7 | 447.5 | 452.3 | 453.5 | 454.4 | 454.9 | 454.2 | 454.2 | 445.9 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

May 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62.3 | 55.7 | 61.3 | 61.8 | 61.4 | 62.3 | 61.9 | 63.4 | 63.3 | 63.2 | 63.4 | 62.6 | 62.3 | 61.9 | 62.5 | 63.7 | 64.7 | 65.4 | 64.8 | 64.3 | 64.6 | 65.2 | 65.7 | 64.6 | 1512.3 | 63.01 | |
| 2 | 63.8 | 63.4 | 61.7 | 59.7 | 60.6 | 61.7 | 62.4 | 61.2 | 62.1 | 61.4 | 62.0 | 63.7 | 62.6 | 62.6 | 63.3 | 63.9 | 65.1 | 66.4 | 65.3 | 64.8 | 64.6 | 65.5 | 67.1 | 65.4 | 1520.3 | 63.35 | |
| 3 | 61.6 | 62.7 | 62.0 | 58.4 | 60.6 | 62.7 | 63.7 | 64.1 | 62.3 | 63.6 | 64.7 | 63.7 | 63.4 | 63.2 | 63.2 | 63.7 | 64.3 | 64.7 | 64.7 | 64.6 | 64.3 | 64.1 | 64.4 | 63.7 | 1518.6 | 63.28 | |
| 4 Q | 63.8 | 63.2 | 62.7 | 62.8 | 62.6 | 62.6 | 63.4 | 62.7 | 62.5 | 62.7 | 62.7 | 62.7 | 62.5 | 62.4 | 62.9 | 63.6 | 64.3 | 64.4 | 64.2 | 63.9 | 63.4 | 63.2 | 63.2 | 63.2 | 1515.6 | 63.15 | |
| 5 | 63.1 | 63.1 | 63.0 | 62.8 | 62.7 | 62.6 | 62.6 | 62.1 | 62.4 | 62.5 | 62.5 | 62.4 | 62.3 | 62.1 | 62.5 | 63.2 | 63.8 | 63.9 | 63.6 | 62.9 | 62.4 | 62.3 | 62.6 | 62.6 | 1506.0 | 62.75 | |
| 6 D | 62.2 | 62.1 | 62.1 | 62.3 | 61.7 | 61.8 | 61.8 | 61.4 | 61.4 | 61.8 | 62.0 | 63.3 | 65.4 | 66.2 | 67.3 | 67.0 | 67.3 | 68.4 | 69.3 | 70.6 | 69.0 | 67.6 | 66.1 | 61.8 | 1549.9 | 64.58 | |
| 7 | 63.2 | 64.1 | 59.6 | 61.5 | 62.4 | 63.1 | 63.7 | 64.0 | 64.2 | 63.5 | 63.7 | 63.7 | 63.6 | 63.7 | 64.2 | 65.0 | 65.3 | 65.0 | 64.6 | 64.2 | 64.1 | 64.2 | 63.8 | 1528.1 | 63.67 | | |
| 8 | 63.7 | 60.0 | 63.6 | 63.8 | 62.8 | 62.5 | 63.3 | 63.2 | 63.0 | 63.2 | 63.2 | 63.2 | 62.7 | 62.7 | 63.2 | 63.8 | 64.1 | 64.5 | 64.6 | 64.5 | 64.1 | 63.8 | 62.7 | 62.7 | 1518.9 | 63.29 | |
| 9 | 64.1 | 63.8 | 63.2 | 63.0 | 62.3 | 62.9 | 63.1 | 63.2 | 63.7 | 63.7 | 63.5 | 63.1 | 62.9 | 62.4 | 62.7 | 63.5 | 64.2 | 64.9 | 64.3 | 63.8 | 63.2 | 63.2 | 63.3 | 63.4 | 1521.4 | 63.39 | |
| 10 | 63.5 | 62.4 | 62.0 | 58.7 | 61.0 | 62.3 | 62.3 | 62.8 | 62.8 | 63.3 | 62.6 | 62.4 | 62.3 | 62.1 | 62.5 | 64.0 | 64.6 | 65.0 | 64.8 | 64.2 | 63.8 | 63.6 | 63.5 | 63.5 | 1510.0 | 62.92 | |
| 11 | 63.3 | 63.3 | 63.2 | 62.8 | 62.2 | 62.3 | 62.0 | 62.9 | 63.1 | 62.7 | 62.7 | 62.0 | 61.9 | 62.3 | 62.4 | 63.8 | 65.1 | 66.3 | 66.3 | 65.1 | 64.9 | 64.1 | 64.2 | 63.9 | 1522.8 | 63.45 | |
| 12 | 63.6 | 63.2 | 63.0 | 62.7 | 62.4 | 61.3 | 61.3 | 61.8 | 62.8 | 63.2 | 63.6 | 63.3 | 62.7 | 62.2 | 62.3 | 63.2 | 64.0 | 64.4 | 64.4 | 63.9 | 63.6 | 63.2 | 63.2 | 63.4 | 1512.7 | 63.03 | |
| 13 D | 63.2 | 63.1 | 63.0 | 62.4 | 61.5 | 59.4 | 60.1 | 62.1 | 62.5 | 62.7 | 62.7 | 63.2 | 64.8 | 63.3 | 63.2 | 63.8 | 64.1 | 64.6 | 64.6 | 63.7 | 64.1 | 66.4 | 62.7 | 65.9 | 1517.1 | 63.21 | |
| 14 D | 65.5 | 63.6 | 63.8 | 60.4 | 59.5 | 60.3 | 60.9 | 61.5 | 62.4 | 63.2 | 62.7 | 62.2 | 63.4 | 63.2 | 63.2 | 63.6 | 64.2 | 65.0 | 64.8 | 64.1 | 64.5 | 64.6 | 64.1 | 60.8 | 1511.5 | 62.98 | |
| 15 D | 63.2 | 63.4 | 61.4 | 62.2 | 60.3 | 62.3 | 62.7 | 62.7 | 63.2 | 62.3 | 62.0 | 63.2 | 62.7 | 62.6 | 62.7 | 63.6 | 65.2 | 66.4 | 66.1 | 65.9 | 64.2 | 64.0 | 63.7 | 63.3 | 1519.3 | 63.30 | |
| 16 | 63.2 | 63.1 | 62.8 | 62.8 | 62.3 | 59.6 | 57.8 | 59.5 | 61.8 | 61.8 | 65.4 | 63.2 | 63.1 | 62.4 | 63.1 | 63.9 | 64.5 | 64.6 | 64.3 | 64.3 | 64.0 | 63.9 | 64.2 | 64.0 | 1509.6 | 62.90 | |
| 17 | 64.0 | 63.6 | 63.2 | 63.1 | 62.8 | 62.6 | 62.7 | 62.7 | 62.6 | 62.7 | 63.4 | 63.2 | 63.2 | 62.8 | 63.0 | 63.4 | 63.8 | 64.2 | 64.1 | 63.8 | 63.5 | 63.4 | 63.2 | 63.1 | 1518.1 | 63.25 | |
| 18 Q | 63.2 | 62.9 | 62.8 | 62.5 | 62.6 | 62.7 | 62.7 | 62.6 | 62.9 | 62.8 | 62.8 | 62.7 | 62.6 | 62.6 | 63.0 | 64.0 | 64.6 | 64.6 | 64.3 | 63.7 | 63.2 | 63.1 | 62.8 | 62.7 | 1514.4 | 63.10 | |
| 19 | 62.7 | 62.7 | 62.6 | 62.6 | 62.0 | 62.3 | 61.4 | 60.9 | 63.5 | 60.1 | 61.0 | 62.7 | 62.6 | 62.7 | 63.5 | 64.4 | 64.1 | 64.1 | 63.7 | 63.7 | 63.7 | 63.4 | 63.2 | 63.2 | 1506.8 | 62.78 | |
| 20 | 63.2 | 63.0 | 62.9 | 61.8 | 62.7 | 62.5 | 63.1 | 63.2 | 63.0 | 62.6 | 62.7 | 62.9 | 62.7 | 62.4 | 62.7 | 63.8 | 64.8 | 65.0 | 64.6 | 64.1 | 63.4 | 62.8 | 62.7 | 62.8 | 1515.4 | 63.14 | |
| 21 | 63.3 | 62.9 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.8 | 63.0 | 63.1 | 62.9 | 62.7 | 62.8 | 62.8 | 63.4 | 64.0 | 64.4 | 64.2 | 64.1 | 63.7 | 63.2 | 63.0 | 63.3 | 63.2 | 1516.8 | 63.20 | |
| 22 | 63.2 | 62.7 | 62.2 | 62.6 | 62.7 | 62.7 | 62.9 | 62.8 | 62.7 | 62.7 | 62.5 | 62.6 | 62.6 | 62.6 | 63.0 | 63.7 | 64.1 | 64.2 | 63.7 | 63.5 | 62.8 | 62.7 | 62.7 | 62.8 | 1510.7 | 62.95 | |
| 23 Q | 62.8 | 62.8 | 62.8 | 62.7 | 61.7 | 61.3 | 61.8 | 61.9 | 61.9 | 61.8 | 61.8 | 62.3 | 62.3 | 62.5 | 63.0 | 63.7 | 63.8 | 63.8 | 63.7 | 63.4 | 62.8 | 62.7 | 62.8 | 62.8 | 1502.9 | 62.62 | |
| 24 Q | 62.8 | 62.8 | 62.7 | 61.7 | 60.9 | 61.7 | 62.7 | 62.7 | 62.7 | 62.6 | 62.6 | 62.6 | 62.4 | 62.3 | 62.5 | 63.3 | 63.7 | 63.8 | 63.7 | 63.2 | 62.8 | 62.7 | 62.7 | 62.7 | 1504.3 | 62.68 | |
| 25 Q | 62.7 | 62.7 | 62.6 | 62.5 | 62.3 | 62.3 | 62.2 | 62.5 | 62.3 | 62.4 | 62.4 | 62.4 | 62.3 | 62.3 | 62.4 | 63.0 | 63.4 | 63.6 | 63.2 | 62.7 | 62.5 | 62.5 | 62.6 | 62.6 | 1502.2 | 62.59 | |
| 26 | 62.6 | 62.6 | 62.4 | 62.4 | 62.4 | 62.4 | 62.2 | 62.2 | 62.3 | 62.3 | 62.2 | 62.2 | 61.9 | 61.9 | 62.2 | 62.7 | 63.2 | 63.2 | 63.1 | 62.7 | 62.7 | 62.7 | 63.2 | 62.9 | 1500.6 | 62.53 | |
| 27 | 63.1 | 63.2 | 62.6 | 61.8 | 61.7 | 61.6 | 56.0 | 59.1 | 61.0 | 62.3 | 61.8 | 63.2 | 64.0 | 63.1 | 63.2 | 64.5 | 65.7 | 65.5 | 65.0 | 64.3 | 64.5 | 63.7 | 63.3 | 64.0 | 1508.2 | 62.84 | |
| 28 | 63.6 | 63.4 | 63.2 | 62.9 | 61.8 | 61.5 | 62.3 | 63.1 | 62.8 | 63.5 | 63.9 | 64.1 | 63.7 | 63.6 | 63.8 | 64.1 | 64.3 | 65.0 | 66.8 | 64.9 | 64.6 | 65.0 | 64.6 | 63.6 | 1530.1 | 63.75 | |
| 29 | 63.2 | 62.9 | 61.5 | 60.0 | 58.0 | 61.7 | 62.3 | 62.4 | 63.0 | 60.9 | 62.8 | 62.9 | 63.4 | 63.1 | 62.7 | 63.5 | 63.8 | 63.9 | 63.7 | 63.3 | 63.1 | 63.2 | 63.2 | 62.7 | 1501.2 | 62.55 | |
| 30 | 63.2 | 63.0 | 63.0 | 62.8 | 62.6 | 61.5 | 62.0 | 62.6 | 62.9 | 63.2 | 63.6 | 63.0 | 62.9 | 62.6 | 62.6 | 62.9 | 63.6 | 63.8 | 63.5 | 63.0 | 62.8 | 62.7 | 62.8 | 62.7 | 1509.3 | 62.89 | |
| 31 D | 62.7 | 62.7 | 62.6 | 62.6 | 61.8 | 58.7 | 54.5 | 58.6 | 62.6 | 63.3 | 69.6 | 68.0 | 68.8 | 67.0 | 66.4 | 65.2 | 65.4 | 66.1 | 66.6 | 65.0 | 65.1 | 65.1 | 62.9 | 63.1 | 1534.4 | 63.93 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 46969.5 | | |
| 1000+ | 959.8 | 944.1 | 936.2 | 922.8 | 915.1 | 918.1 | 914.7 | 928.5 | 942.7 | 941.1 | 955.4 | 955.4 | 956.9 | 949.5 | 958.1 | 978.7 | 997.2 | | | | 990.2 | 979.6 | 977.5 | 970.2 | 960.9 | | |
| 2000+ | | | | | | | | | | | | | | | | | | | | 009.2 | 004.9 | | | | | | |
| Mean. | 63.22 | 62.71 | 62.52 | 62.03 | 61.78 | 61.87 | 61.76 | 62.21 | 62.67 | 62.62 | 63.08 | 63.08 | 63.13 | 62.89 | 63.16 | 63.83 | 64.43 | 64.81 | 64.67 | 64.20 | 63.86 | 63.79 | 63.55 | 63.25 | | 63.13 | |

Horizontal component, H, 23000 gammas + tabulated value

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| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | | 354 | 348 | 356 | 365 | 364 | 366 | 365 | 364 | 367 | 370 | 373 | 374 | 373 | 368 | 360 | 354 | 352 | 354 | 359 | 360 | 349 | 340 | 338 | 347 | 8620 | 359.2 |
| 02 | | 354 | 355 | 348 | 339 | 350 | 357 | 381 | 374 | 372 | 373 | 371 | 378 | 382 | 374 | 366 | 358 | 356 | 356 | 363 | 360 | 356 | 352 | 340 | 330 | 8645 | 360.2 |
| 03 | | 347 | 347 | 356 | 361 | 362 | 364 | 369 | 371 | 370 | 361 | 373 | 374 | 369 | 361 | 359 | 356 | 358 | 360 | 360 | 360 | 363 | 365 | 367 | 364 | 8697 | 362.3 |
| 04 Q | | 370 | 370 | 377 | 373 | 370 | 370 | 376 | 379 | 373 | 373 | 373 | 374 | 373 | 366 | 360 | 360 | 363 | 368 | 373 | 374 | 373 | 371 | 373 | 373 | 8905 | 371.0 |
| 05 | | 375 | 376 | 375 | 374 | 374 | 375 | 376 | 376 | 376 | 376 | 378 | 379 | 377 | 372 | 370 | 369 | 371 | 379 | 387 | 391 | 392 | 387 | 374 | 372 | 9051 | 377.1 |
| 06 D | | 383 | 390 | 391 | 391 | 387 | 386 | 383 | 387 | 389 | 385 | 379 | 377 | 376 | 353 | 325 | 321 | 325 | 325 | 317 | 311 | 317 | 327 | 301 | 317 | 8544 | 356.0 |
| 07 | | 339 | 347 | 339 | 353 | 356 | 352 | 353 | 356 | 360 | 356 | 358 | 356 | 356 | 352 | 346 | 345 | 346 | 350 | 354 | 353 | 349 | 347 | 346 | 343 | 8412 | 350.5 |
| 08 | | 345 | 345 | 360 | 361 | 367 | 365 | 365 | 365 | 364 | 364 | 366 | 369 | 366 | 363 | 360 | 359 | 358 | 357 | 357 | 357 | 358 | 355 | 341 | 348 | 8615 | 359.0 |
| 09 | | 353 | 356 | 356 | 356 | 362 | 361 | 361 | 362 | 364 | 366 | 369 | 371 | 369 | 363 | 357 | 357 | 360 | 365 | 369 | 370 | 371 | 372 | 370 | 369 | 8729 | 363.7 |
| 10 | | 370 | 368 | 364 | 378 | 366 | 364 | 366 | 366 | 369 | 371 | 369 | 371 | 370 | 367 | 360 | 356 | 355 | 359 | 363 | 365 | 366 | 368 | 368 | 367 | 8786 | 366.1 |
| 11 | | 367 | 369 | 369 | 368 | 372 | 372 | 371 | 371 | 373 | 373 | 375 | 374 | 369 | 370 | 366 | 373 | 354 | 352 | 354 | 361 | 359 | 356 | 353 | 359 | 8780 | 365.8 |
| 12 | | 362 | 365 | 366 | 365 | 365 | 365 | 366 | 364 | 363 | 364 | 366 | 369 | 366 | 360 | 355 | 354 | 356 | 361 | 365 | 371 | 372 | 373 | 371 | 372 | 8756 | 364.8 |
| 13 D | | 372 | 374 | 376 | 375 | 367 | 364 | 358 | 365 | 367 | 370 | 371 | 372 | 367 | 367 | 363 | 363 | 364 | 365 | 369 | 372 | 371 | 353 | 339 | 345 | 8769 | 365.4 |
| 14 D | | 332 | 326 | 343 | 342 | 347 | 352 | 353 | 357 | 358 | 363 | 365 | 367 | 360 | 360 | 356 | 356 | 360 | 365 | 367 | 366 | 356 | 349 | 351 | 351 | 8502 | 354.3 |
| 15 D | | 354 | 357 | 380 | 376 | 361 | 360 | 360 | 367 | 370 | 367 | 367 | 368 | 369 | 362 | 356 | 351 | 349 | 348 | 336 | 349 | 365 | 367 | 366 | 367 | 8672 | 361.3 |
| 16 | | 368 | 368 | 368 | 369 | 368 | 371 | 356 | 349 | 355 | 356 | 367 | 379 | 366 | 358 | 353 | 352 | 356 | 360 | 363 | 365 | 365 | 366 | 363 | 360 | 8701 | 362.5 |
| 17 | | 363 | 365 | 365 | 364 | 365 | 365 | 365 | 366 | 365 | 365 | 366 | 369 | 365 | 360 | 356 | 353 | 356 | 361 | 365 | 369 | 369 | 366 | 365 | 365 | 8732 | 363.8 |
| 18 Q | | 367 | 368 | 369 | 370 | 367 | 365 | 365 | 365 | 368 | 370 | 371 | 373 | 369 | 364 | 356 | 355 | 360 | 365 | 370 | 373 | 374 | 373 | 373 | 373 | 8823 | 367.6 |
| 19 | | 373 | 373 | 374 | 369 | 370 | 372 | 376 | 373 | 373 | 370 | 370 | 367 | 365 | 360 | 356 | 360 | 364 | 366 | 368 | 369 | 371 | 369 | 369 | 369 | 8846 | 368.6 |
| 20 | | 369 | 366 | 365 | 365 | 370 | 366 | 369 | 370 | 371 | 369 | 369 | 369 | 367 | 363 | 357 | 354 | 356 | 363 | 369 | 371 | 370 | 370 | 370 | 370 | 8795 | 366.5 |
| 21 | | 366 | 367 | 366 | 367 | 366 | 366 | 366 | 366 | 367 | 369 | 371 | 370 | 367 | 363 | 360 | 360 | 364 | 366 | 371 | 373 | 373 | 373 | 373 | 371 | 8821 | 367.5 |
| 22 | | 369 | 367 | 370 | 369 | 369 | 368 | 369 | 369 | 370 | 372 | 371 | 369 | 369 | 369 | 364 | 362 | 365 | 370 | 373 | 373 | 373 | 373 | 373 | 373 | 8869 | 369.5 |
| 23 Q | | 373 | 373 | 373 | 373 | 369 | 369 | 368 | 369 | 369 | 369 | 370 | 370 | 371 | 369 | 365 | 364 | 369 | 371 | 373 | 376 | 373 | 373 | 371 | 370 | 8889 | 370.4 |
| 24 Q | | 371 | 373 | 373 | 369 | 368 | 367 | 369 | 369 | 369 | 369 | 371 | 373 | 373 | 369 | 365 | 363 | 365 | 369 | 373 | 376 | 375 | 373 | 373 | 373 | 8888 | 370.3 |
| 25 Q | | 374 | 374 | 373 | 375 | 374 | 375 | 376 | 376 | 376 | 377 | 377 | 377 | 376 | 373 | 369 | 366 | 369 | 370 | 377 | 377 | 376 | 375 | 376 | 376 | 8984 | 374.3 |
| 26 | | 377 | 378 | 377 | 376 | 376 | 375 | 378 | 378 | 379 | 382 | 383 | 384 | 384 | 379 | 371 | 367 | 369 | 373 | 374 | 373 | 375 | 376 | 369 | 360 | 9013 | 375.5 |
| 27 | | 358 | 364 | 372 | 374 | 379 | 383 | 372 | 362 | 361 | 370 | 373 | 374 | 377 | 373 | 363 | 351 | 353 | 359 | 356 | 351 | 347 | 343 | 339 | 348 | 8702 | 362.6 |
| 28 | | 351 | 355 | 360 | 360 | 369 | 366 | 365 | 366 | 368 | 367 | 367 | 365 | 368 | 361 | 353 | 351 | 349 | 351 | 348 | 352 | 353 | 350 | 355 | 365 | 8615 | 359.0 |
| 29 | | 364 | 364 | 357 | 347 | 343 | 358 | 360 | 360 | 377 | 366 | 362 | 365 | 363 | 364 | 358 | 355 | 357 | 362 | 364 | 365 | 365 | 361 | 360 | 360 | 8657 | 360.7 |
| 30 | | 364 | 364 | 363 | 361 | 362 | 365 | 366 | 366 | 369 | 369 | 373 | 373 | 370 | 368 | 361 | 357 | 360 | 366 | 370 | 373 | 372 | 370 | 372 | 375 | 8809 | 367.0 |
| 31 D | | 377 | 377 | 376 | 375 | 378 | 374 | 373 | 356 | 357 | 366 | 384 | 375 | 370 | 356 | 351 | 345 | 341 | 331 | 333 | 343 | 338 | 330 | 308 | 325 | 8539 | 355.8 |
| Sum. | | 11261 | 11289 | 11357 | 11360 | 11363 | 11378 | 11394 | 11384 | 11429 | 11438 | 11499 | 11525 | 11462 | 11307 | 11117 | 11047 | 11080 | 11167 | 11240 | 11299 | 11286 | 11222 | 11106 | 11156 | 271166 | |
| Mean. | | 363.3 | 364.2 | 366.4 | 366.5 | 366.5 | 367.0 | 367.5 | 367.2 | 368.7 | 369.0 | 370.9 | 371.8 | 369.7 | 364.7 | 358.6 | 356.4 | 357.4 | 360.2 | 362.6 | 364.5 | 364.1 | 362.0 | 358.3 | 359.9 | | 364.5 |

Vertical component, Z, - (36000 + tabulated values) gammas

May 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 445 | 438 | 446 | 445 | 440 | 437 | 435 | 440 | 442 | 443 | 442 | 442 | 443 | 443 | 441 | 439 | 438 | 439 | 442 | 443 | 440 | 439 | 444 | 449 | 10595 | 441.5 | |
| 02 | 452 | 450 | 447 | 439 | 444 | 442 | 438 | 432 | 439 | 439 | 438 | 440 | 440 | 440 | 438 | 437 | 435 | 434 | 439 | 442 | 441 | 441 | 442 | 446 | 10575 | 440.6 | |
| 03 | 451 | 451 | 450 | 444 | 442 | 442 | 442 | 438 | 432 | 434 | 440 | 442 | 440 | 441 | 442 | 440 | 440 | 442 | 443 | 442 | 442 | 444 | 444 | 442 | 10610 | 442.1 | |
| 04 Q | 444 | 444 | 442 | 440 | 439 | 439 | 439 | 436 | 435 | 437 | 437 | 437 | 438 | 438 | 441 | 437 | 438 | 440 | 441 | 442 | 440 | 439 | 438 | 438 | 10539 | 439.1 | |
| 05 | 438 | 438 | 437 | 437 | 436 | 437 | 436 | 435 | 435 | 435 | 436 | 436 | 436 | 436 | 436 | 436 | 436 | 438 | 441 | 440 | 440 | 435 | 428 | 428 | 10466 | 435.3 | |
| 06 D | 435 | 436 | 435 | 433 | 432 | 432 | 430 | 432 | 432 | 430 | 427 | 426 | 424 | 418 | 414 | 421 | 428 | 436 | 439 | 446 | 454 | 459 | 452 | 460 | 10431 | 434.6 | |
| 07 | 459 | 452 | 442 | 443 | 444 | 444 | 444 | 444 | 442 | 440 | 442 | 443 | 443 | 442 | 442 | 442 | 442 | 443 | 446 | 446 | 446 | 446 | 444 | 443 | 10662 | 444.3 | |
| 08 | 444 | 443 | 448 | 446 | 446 | 444 | 441 | 440 | 440 | 441 | 441 | 441 | 440 | 440 | 439 | 438 | 438 | 437 | 439 | 441 | 442 | 442 | 437 | 442 | 10590 | 441.3 | |
| 09 | 448 | 447 | 446 | 444 | 444 | 442 | 443 | 443 | 444 | 444 | 444 | 445 | 445 | 445 | 444 | 442 | 441 | 442 | 442 | 445 | 446 | 445 | 444 | 443 | 10655 | 444.0 | |
| 10 | 441 | 440 | 440 | 436 | 436 | 436 | 438 | 438 | 436 | 435 | 438 | 440 | 441 | 441 | 440 | 437 | 438 | 441 | 443 | 445 | 445 | 445 | 444 | 443 | 10557 | 439.9 | |
| 11 | 442 | 442 | 441 | 441 | 442 | 441 | 438 | 438 | 438 | 438 | 439 | 439 | 437 | 438 | 438 | 433 | 429 | 429 | 435 | 442 | 444 | 444 | 444 | 447 | 10539 | 439.1 | |
| 12 | 446 | 446 | 445 | 443 | 442 | 440 | 437 | 436 | 437 | 438 | 440 | 442 | 442 | 442 | 441 | 439 | 440 | 441 | 443 | 446 | 445 | 444 | 442 | 442 | 10599 | 441.6 | |
| 13 D | 444 | 441 | 442 | 440 | 436 | 427 | 431 | 437 | 438 | 439 | 438 | 436 | 433 | 438 | 439 | 437 | 438 | 439 | 442 | 443 | 442 | 435 | 437 | 445 | 10514 | 438.1 | |
| 14 D | 447 | 453 | 455 | 449 | 449 | 447 | 444 | 443 | 442 | 441 | 440 | 438 | 439 | 442 | 440 | 439 | 440 | 442 | 443 | 443 | 438 | 436 | 441 | 443 | 10634 | 443.1 | |
| 15 D | 445 | 445 | 442 | 427 | 429 | 436 | 438 | 433 | 433 | 437 | 437 | 437 | 438 | 438 | 437 | 437 | 436 | 436 | 433 | 442 | 450 | 449 | 445 | 444 | 10524 | 438.5 | |
| 16 | 443 | 442 | 440 | 440 | 439 | 429 | 417 | 425 | 431 | 429 | 428 | 434 | 436 | 438 | 438 | 438 | 439 | 442 | 442 | 442 | 441 | 441 | 440 | 439 | 10473 | 436.4 | |
| 17 | 439 | 440 | 439 | 439 | 438 | 437 | 436 | 436 | 436 | 435 | 436 | 437 | 438 | 438 | 438 | 438 | 438 | 439 | 440 | 441 | 440 | 439 | 439 | 438 | 10514 | 438.0 | |
| 18 Q | 444 | 444 | 439 | 437 | 436 | 436 | 436 | 436 | 437 | 438 | 438 | 438 | 437 | 436 | 436 | 437 | 439 | 441 | 442 | 442 | 441 | 440 | 439 | 439 | 10520 | 438.3 | |
| 19 | 437 | 437 | 437 | 434 | 435 | 435 | 433 | 429 | 421 | 421 | 429 | 431 | 433 | 434 | 435 | 436 | 437 | 437 | 438 | 439 | 440 | 439 | 438 | 438 | 10423 | 434.3 | |
| 20 | 437 | 437 | 436 | 436 | 436 | 434 | 434 | 433 | 434 | 433 | 433 | 435 | 436 | 436 | 434 | 433 | 433 | 438 | 442 | 442 | 441 | 440 | 439 | 438 | 10470 | 436.3 | |
| 21 | 436 | 436 | 435 | 435 | 435 | 435 | 435 | 435 | 435 | 436 | 436 | 436 | 435 | 434 | 434 | 435 | 436 | 437 | 438 | 439 | 439 | 438 | 437 | 436 | 10463 | 436.0 | |
| 22 | 435 | 435 | 434 | 434 | 433 | 433 | 433 | 434 | 434 | 434 | 433 | 433 | 433 | 433 | 433 | 433 | 433 | 436 | 437 | 438 | 437 | 436 | 435 | 435 | 10424 | 434.3 | |
| 23 Q | 435 | 433 | 433 | 433 | 431 | 431 | 430 | 431 | 431 | 430 | 431 | 431 | 432 | 433 | 432 | 432 | 433 | 435 | 437 | 437 | 436 | 434 | 433 | 433 | 10387 | 432.8 | |
| 24 Q | 433 | 433 | 433 | 431 | 431 | 431 | 432 | 432 | 432 | 431 | 431 | 432 | 433 | 433 | 431 | 431 | 432 | 433 | 436 | 436 | 436 | 435 | 434 | 433 | 10385 | 432.7 | |
| 25 Q | 433 | 433 | 431 | 431 | 431 | 431 | 430 | 430 | 429 | 430 | 430 | 430 | 430 | 431 | 431 | 429 | 430 | 432 | 433 | 433 | 433 | 433 | 432 | 431 | 10347 | 431.1 | |
| 26 | 431 | 431 | 429 | 429 | 429 | 428 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 430 | 431 | 429 | 431 | 431 | 429 | 426 | 10303 | 429.3 | |
| 27 | 429 | 432 | 434 | 433 | 432 | 427 | 409 | 415 | 419 | 424 | 425 | 429 | 431 | 431 | 429 | 424 | 427 | 431 | 431 | 432 | 431 | 433 | 437 | 441 | 10286 | 428.6 | |
| 28 | 440 | 439 | 438 | 437 | 434 | 431 | 431 | 432 | 438 | 430 | 427 | 428 | 431 | 433 | 432 | 433 | 432 | 433 | 431 | 437 | 438 | 438 | 441 | 443 | 10427 | 434.5 | |
| 29 | 440 | 438 | 435 | 430 | 429 | 433 | 433 | 430 | 425 | 424 | 430 | 434 | 434 | 436 | 435 | 433 | 433 | 434 | 434 | 435 | 434 | 432 | 432 | 432 | 10385 | 432.7 | |
| 30 | 433 | 433 | 432 | 432 | 431 | 429 | 429 | 430 | 431 | 431 | 431 | 432 | 432 | 433 | 432 | 430 | 431 | 433 | 434 | 434 | 434 | 432 | 431 | 431 | 10358 | 431.6 | |
| 31 D | 431 | 431 | 429 | 429 | 428 | 420 | 402 | 408 | 421 | 424 | 413 | 395 | 403 | 416 | 429 | 433 | 435 | 434 | 438 | 442 | 441 | 439 | 437 | 443 | 10221 | 425.9 | |
| Sum. | 13650 | 13636 | 13612 | 13547 | 13526 | 13486 | 13423 | 13430 | 13448 | 13450 | 13459 | 13468 | 13482 | 13506 | 13500 | 13478 | 13494 | 13544 | 13598 | 13647 | 13645 | 13619 | 13598 | 13630 | 324876 | | |
| Mean. | 440.3 | 439.9 | 439.1 | 437.0 | 436.3 | 435.0 | 433.0 | 433.2 | 433.8 | 433.9 | 434.2 | 434.5 | 435.0 | 435.7 | 435.5 | 434.8 | 435.3 | 437.0 | 438.6 | 440.2 | 440.2 | 439.3 | 438.6 | 439.7 | | 436.6 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

June 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 63.6 | 62.1 | 62.9 | 62.3 | 62.3 | 61.9 | 62.6 | 62.4 | 65.3 | 63.7 | 64.0 | 65.0 | 64.9 | 64.2 | 64.2 | 64.3 | 64.4 | 64.3 | 63.9 | 63.9 | 64.5 | 64.0 | 64.1 | 64.2 | 1529.0 | 63.71 | |
| 2 | 63.5 | 63.8 | 62.7 | 62.9 | 63.0 | 62.6 | 62.6 | 62.3 | 62.8 | 63.8 | 63.7 | 63.3 | 63.4 | 63.3 | 63.6 | 63.8 | 64.2 | 64.4 | 63.9 | 63.8 | 63.8 | 63.2 | 62.7 | 63.1 | 1520.2 | 63.34 | |
| 3 | 63.6 | 63.3 | 63.1 | 62.7 | 62.7 | 62.8 | 63.6 | 63.3 | 63.5 | 63.6 | 63.6 | 63.3 | 62.7 | 62.7 | 62.7 | 63.5 | 64.8 | 64.6 | 63.8 | 63.1 | 62.7 | 62.7 | 63.3 | 63.6 | 1519.3 | 63.30 | |
| 4 | 63.2 | 64.5 | 60.6 | 61.0 | 62.5 | 62.7 | 63.2 | 63.2 | 61.4 | 61.9 | 62.4 | 63.0 | 63.0 | 64.6 | 64.9 | 64.6 | 65.7 | 65.6 | 64.2 | 64.0 | 63.1 | 63.7 | 64.6 | 60.6 | 1508.2 | 62.84 | |
| 5 | 63.2 | 62.7 | 61.8 | 60.8 | 60.7 | 62.7 | 62.8 | 62.9 | 65.0 | 63.0 | 63.7 | 63.8 | 63.6 | 63.6 | 63.8 | 64.4 | 64.6 | 64.6 | 64.2 | 64.3 | 63.7 | 63.5 | 64.5 | 60.1 | 1518.0 | 63.25 | |
| 6 | 60.1 | 61.0 | 60.7 | 61.3 | 60.8 | 58.1 | 61.3 | 61.1 | 61.0 | 63.2 | 65.5 | 64.6 | 64.9 | 64.9 | 64.5 | 64.9 | 64.7 | 64.5 | 64.1 | 63.7 | 63.3 | 62.9 | 63.5 | 63.8 | 1508.4 | 62.85 | |
| 7 | 62.8 | 62.2 | 62.2 | 62.7 | 62.5 | 62.3 | 60.9 | 61.1 | 61.8 | 62.4 | 62.6 | 62.6 | 63.8 | 63.7 | 63.8 | 64.7 | 64.8 | 64.6 | 64.6 | 64.2 | 63.7 | 63.0 | 63.1 | 63.2 | 1513.3 | 63.05 | |
| 8 Q | 63.3 | 63.2 | 63.2 | 63.1 | 62.9 | 62.6 | 62.1 | 62.3 | 62.4 | 62.8 | 62.9 | 62.8 | 63.2 | 63.2 | 63.6 | 63.8 | 64.0 | 63.8 | 63.8 | 63.3 | 62.7 | 62.6 | 62.6 | 63.0 | 1513.2 | 63.05 | |
| 9 D | 63.0 | 62.6 | 62.3 | 61.8 | 55.7 | 53.6 | 59.2 | 60.4 | 59.5 | 63.8 | 60.1 | 61.8 | 62.8 | 63.3 | 64.2 | 64.2 | 64.2 | 63.7 | 64.2 | 65.2 | 64.9 | 65.0 | 65.5 | 61.0 | 1492.0 | 62.17 | |
| 10 D | 64.5 | 61.9 | 62.7 | 58.2 | 53.5 | 58.1 | 59.2 | 62.2 | 64.1 | 65.0 | 63.6 | 63.2 | 65.3 | 64.0 | 64.2 | 64.2 | 63.8 | 63.8 | 63.9 | 63.7 | 63.7 | 63.7 | 63.9 | 63.9 | 1494.3 | 62.26 | |
| 11 | 63.4 | 63.5 | 63.3 | 61.8 | 61.0 | 61.0 | 61.4 | 62.4 | 63.7 | 62.9 | 62.3 | 62.9 | 62.7 | 63.1 | 63.5 | 64.3 | 64.5 | 64.1 | 63.8 | 63.6 | 63.2 | 63.6 | 64.1 | 63.7 | 1513.8 | 63.08 | |
| 12 | 63.3 | 63.2 | 62.4 | 62.3 | 62.7 | 62.4 | 61.5 | 63.3 | 62.2 | 61.6 | 62.3 | 62.5 | 63.7 | 63.1 | 63.4 | 64.0 | 64.1 | 63.9 | 64.1 | 63.6 | 63.3 | 63.2 | 63.5 | 63.4 | 1513.0 | 63.04 | |
| 13 | 63.3 | 63.2 | 62.4 | 61.8 | 61.4 | 61.5 | 61.5 | 61.9 | 62.7 | 62.7 | 62.7 | 62.9 | 63.2 | 63.0 | 63.2 | 63.6 | 63.7 | 63.8 | 63.6 | 63.0 | 63.1 | 62.9 | 63.0 | 63.0 | 1507.1 | 62.80 | |
| 14 | 62.9 | 62.9 | 62.9 | 62.7 | 61.8 | 59.1 | 61.3 | 62.6 | 62.3 | 62.9 | 63.2 | 63.0 | 63.1 | 62.7 | 63.1 | 63.6 | 63.8 | 64.3 | 64.3 | 63.7 | 63.6 | 63.8 | 63.8 | 63.8 | 1511.2 | 62.97 | |
| 15 | 63.5 | 60.3 | 59.8 | 59.7 | 60.5 | 60.6 | 62.3 | 61.7 | 61.7 | 63.1 | 63.3 | 63.7 | 63.2 | 63.0 | 63.0 | 64.0 | 65.0 | 64.9 | 64.2 | 63.7 | 63.6 | 63.7 | 63.2 | 63.1 | 1504.8 | 62.70 | |
| 16 | 63.0 | 59.2 | 61.0 | 62.0 | 62.3 | 62.6 | 62.4 | 62.4 | 62.6 | 62.4 | 62.5 | 62.6 | 62.7 | 62.6 | 62.6 | 63.3 | 63.7 | 63.7 | 63.5 | 63.3 | 63.5 | 63.0 | 63.0 | 63.0 | 1502.9 | 62.62 | |
| 17 Q | 63.2 | 62.8 | 62.7 | 62.7 | 62.6 | 62.6 | 62.6 | 62.8 | 63.2 | 63.3 | 63.3 | 63.0 | 62.8 | 62.8 | 62.8 | 63.5 | 63.8 | 64.3 | 63.7 | 63.2 | 62.7 | 62.7 | 62.7 | 62.7 | 1512.5 | 63.02 | |
| 18 Q | 62.9 | 62.4 | 62.3 | 61.8 | 62.1 | 62.3 | 62.4 | 62.3 | 62.5 | 62.7 | 62.7 | 62.7 | 62.6 | 62.5 | 62.4 | 62.7 | 63.5 | 63.7 | 63.3 | 62.7 | 62.4 | 62.4 | 62.4 | 62.5 | 1502.2 | 62.59 | |
| 19 Q | 62.5 | 62.5 | 62.6 | 62.3 | 61.4 | 60.5 | 60.8 | 61.5 | 61.8 | 62.3 | 62.7 | 62.6 | 62.7 | 63.2 | 62.8 | 63.7 | 64.2 | 64.3 | 63.7 | 62.9 | 62.7 | 62.7 | 62.7 | 62.7 | 1501.8 | 62.58 | |
| 20 Q | 62.6 | 62.5 | 62.3 | 61.9 | 61.5 | 61.8 | 61.7 | 61.8 | 61.7 | 61.7 | 61.9 | 62.7 | 62.7 | 62.7 | 62.8 | 63.3 | 63.5 | 63.7 | 63.6 | 62.8 | 62.7 | 62.6 | 62.7 | 62.7 | 1499.9 | 62.50 | |
| 21 | 62.7 | 62.6 | 62.1 | 62.1 | 61.8 | 61.5 | 61.8 | 62.1 | 62.1 | 62.2 | 62.2 | 62.6 | 62.8 | 62.6 | 62.6 | 64.3 | 63.2 | 63.3 | 63.7 | 63.8 | 63.7 | 62.6 | 62.1 | 60.9 | 1501.4 | 62.56 | |
| 22 | 62.3 | 60.9 | 61.9 | 62.0 | 60.7 | 55.8 | 58.9 | 62.6 | 62.6 | 62.5 | 63.0 | 63.0 | 62.7 | 62.6 | 62.6 | 62.8 | 63.2 | 63.3 | 62.9 | 63.1 | 62.9 | 62.6 | 62.8 | 61.0 | 1488.7 | 62.03 | |
| 23 D | 61.8 | 62.6 | 61.7 | 60.5 | 56.9 | 58.6 | 62.1 | 61.9 | 63.9 | 61.9 | 61.4 | 62.3 | 63.1 | 63.1 | 63.0 | 64.0 | 63.9 | 64.1 | 66.0 | 66.3 | 64.2 | 63.9 | 64.5 | 62.3 | 1504.0 | 62.67 | |
| 24 | 60.8 | 62.7 | 62.7 | 62.6 | 62.9 | 62.9 | 62.1 | 62.3 | 62.3 | 63.7 | 64.6 | 64.1 | 63.1 | 62.8 | 62.8 | 63.5 | 63.7 | 63.6 | 63.5 | 63.2 | 62.9 | 62.8 | 62.1 | 59.8 | 1507.5 | 62.81 | |
| 25 | 61.5 | 60.8 | 62.2 | 62.8 | 62.6 | 60.7 | 58.2 | 59.6 | 62.2 | 63.1 | 63.6 | 63.5 | 63.8 | 63.6 | 62.9 | 62.8 | 63.0 | 63.5 | 63.4 | 63.1 | 62.9 | 64.6 | 62.7 | 63.0 | 1500.1 | 62.50 | |
| 26 | 63.1 | 63.2 | 63.2 | 62.8 | 62.4 | 62.7 | 62.9 | 63.1 | 62.8 | 62.4 | 62.7 | 62.4 | 62.6 | 62.7 | 63.0 | 63.2 | 63.3 | 63.6 | 63.1 | 62.8 | 63.7 | 64.1 | 63.6 | 62.6 | 1512.0 | 63.00 | |
| 27 D | 59.4 | 60.1 | 62.1 | 61.1 | 60.6 | 58.6 | 58.6 | 56.9 | 59.1 | 58.9 | 61.4 | 63.8 | 66.0 | 66.8 | 65.0 | 64.3 | 64.6 | 64.9 | 65.3 | 64.9 | 64.1 | 64.6 | 64.1 | 62.6 | 1497.8 | 62.41 | |
| 28 D | 62.5 | 62.6 | 61.8 | 61.7 | 60.0 | 62.0 | 60.9 | 59.1 | 59.9 | 64.7 | 64.1 | 62.8 | 64.1 | 64.7 | 64.4 | 64.6 | 63.6 | 63.7 | 63.6 | 63.8 | 63.8 | 64.2 | 62.6 | 63.7 | 1508.9 | 62.87 | |
| 29 | 63.0 | 62.4 | 59.9 | 57.8 | 61.5 | 62.3 | 62.6 | 62.4 | 64.6 | 63.7 | 63.0 | 64.1 | 65.6 | 65.1 | 64.8 | 65.0 | 64.7 | 64.1 | 64.1 | 63.6 | 62.7 | 62.7 | 63.1 | 61.0 | 1513.8 | 63.08 | |
| 30 | 60.6 | 62.7 | 62.3 | 59.4 | 57.2 | 57.7 | 60.9 | 61.0 | 62.2 | 65.7 | 63.2 | 63.5 | 64.4 | 64.2 | 64.1 | 64.4 | 64.5 | 64.4 | 63.8 | 63.1 | 62.7 | 62.7 | 62.9 | 63.1 | 1500.7 | 62.53 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 45220.0 | | |
| 1000+ | 869.1 | 860.4 | 863.8 | 848.6 | 830.5 | 824.6 | 844.4 | 854.9 | 872.9 | 887.6 | 888.2 | 894.1 | 905.2 | 904.4 | 904.3 | 917.3 | 922.7 | 923.1 | 917.8 | 909.4 | 900.5 | 899.7 | 899.4 | 877.1 | | | |
| Mean. | 62.30 | 62.01 | 62.13 | 61.62 | 61.02 | 60.82 | 61.48 | 61.83 | 62.43 | 62.92 | 62.94 | 63.14 | 63.51 | 63.48 | 63.48 | 63.91 | 64.09 | 64.10 | 63.93 | 63.65 | 63.35 | 63.32 | 63.31 | 62.57 | | 62.81 | |

Horizontal component, H, 23000 gammas + tabulated value

June 1962

| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | | 351 | 347 | 356 | 361 | 362 | 347 | 352 | 346 | 351 | 356 | 358 | 360 | 365 | 362 | 352 | 352 | 355 | 356 | 358 | 355 | 343 | 345 | 347 | 348 | 8475 | 353.1 |
| 02 | | 349 | 357 | 356 | 354 | 359 | 362 | 360 | 356 | 357 | 360 | 365 | 365 | 365 | 361 | 357 | 354 | 356 | 358 | 360 | 355 | 353 | 354 | 353 | 356 | 8582 | 357.6 |
| 03 | | 357 | 357 | 359 | 359 | 360 | 361 | 364 | 364 | 364 | 366 | 369 | 370 | 371 | 369 | 366 | 360 | 357 | 365 | 367 | 369 | 366 | 360 | 346 | 347 | 8693 | 362.2 |
| 04 | | 339 | 323 | 336 | 351 | 363 | 365 | 365 | 372 | 365 | 366 | 370 | 373 | 364 | 361 | 361 | 354 | 357 | 359 | 360 | 358 | 338 | 352 | 335 | 334 | 8521 | 355.0 |
| 05 | | 345 | 352 | 351 | 351 | 350 | 361 | 369 | 357 | 361 | 370 | 367 | 367 | 365 | 362 | 358 | 360 | 359 | 356 | 352 | 339 | 347 | 341 | 337 | 330 | 8507 | 354.5 |
| 06 | | 313 | 321 | 328 | 343 | 347 | 343 | 360 | 374 | 360 | 360 | 360 | 359 | 360 | 360 | 357 | 357 | 359 | 361 | 360 | 362 | 362 | 356 | 360 | 362 | 8484 | 353.5 |
| 07 | | 369 | 373 | 368 | 368 | 369 | 376 | 381 | 372 | 361 | 365 | 360 | 360 | 358 | 353 | 356 | 355 | 356 | 355 | 356 | 356 | 353 | 360 | 359 | 359 | 8659 | 362.5 |
| 08 Q | | 359 | 360 | 360 | 360 | 360 | 364 | 366 | 365 | 364 | 365 | 369 | 368 | 365 | 362 | 361 | 364 | 367 | 371 | 375 | 375 | 374 | 375 | 373 | 373 | 8795 | 366.5 |
| 09 D | | 370 | 373 | 360 | 357 | 360 | 344 | 347 | 361 | 354 | 377 | 366 | 366 | 367 | 365 | 364 | 365 | 368 | 367 | 366 | 352 | 353 | 359 | 351 | 332 | 8644 | 360.2 |
| 10 D | | 334 | 339 | 345 | 360 | 343 | 342 | 357 | 357 | 356 | 366 | 380 | 361 | 367 | 357 | 355 | 357 | 362 | 365 | 365 | 365 | 362 | 360 | 359 | 359 | 8573 | 357.2 |
| 11 | | 359 | 358 | 359 | 358 | 370 | 360 | 353 | 356 | 363 | 363 | 363 | 360 | 361 | 360 | 356 | 362 | 365 | 367 | 368 | 365 | 362 | 358 | 352 | 352 | 8658 | 360.8 |
| 12 | | 382 | 366 | 365 | 358 | 360 | 362 | 359 | 365 | 365 | 363 | 365 | 366 | 368 | 363 | 355 | 354 | 362 | 365 | 367 | 365 | 361 | 361 | 362 | 362 | 8699 | 362.5 |
| 13 | | 363 | 363 | 362 | 358 | 356 | 356 | 362 | 358 | 363 | 365 | 368 | 364 | 363 | 363 | 362 | 362 | 363 | 364 | 367 | 368 | 368 | 367 | 368 | 358 | 8721 | 363.4 |
| 14 | | 366 | 366 | 363 | 360 | 365 | 363 | 360 | 360 | 363 | 364 | 367 | 370 | 373 | 370 | 365 | 361 | 364 | 365 | 365 | 367 | 369 | 361 | 356 | 351 | 8734 | 363.9 |
| 15 | | 352 | 350 | 350 | 366 | 360 | 351 | 362 | 365 | 370 | 373 | 376 | 379 | 370 | 364 | 356 | 356 | 361 | 368 | 365 | 358 | 367 | 365 | 363 | 363 | 8710 | 362.9 |
| 16 | | 363 | 347 | 356 | 358 | 360 | 360 | 360 | 360 | 360 | 360 | 362 | 363 | 364 | 361 | 358 | 357 | 360 | 363 | 365 | 368 | 366 | 365 | 363 | 363 | 8662 | 360.9 |
| 17 Q | | 362 | 363 | 364 | 363 | 364 | 363 | 362 | 364 | 363 | 369 | 369 | 369 | 365 | 364 | 361 | 363 | 365 | 368 | 370 | 370 | 370 | 369 | 369 | 369 | 8780 | 365.8 |
| 18 Q | | 367 | 356 | 357 | 361 | 365 | 365 | 367 | 365 | 365 | 367 | 369 | 369 | 369 | 369 | 365 | 365 | 367 | 374 | 375 | 376 | 374 | 373 | 373 | 373 | 8825 | 367.7 |
| 19 Q | | 374 | 373 | 369 | 367 | 369 | 366 | 366 | 366 | 369 | 369 | 373 | 373 | 373 | 373 | 369 | 363 | 365 | 369 | 373 | 374 | 375 | 373 | 373 | 373 | 8837 | 370.3 |
| 20 Q | | 374 | 374 | 373 | 373 | 369 | 369 | 369 | 368 | 373 | 373 | 373 | 372 | 373 | 373 | 371 | 369 | 369 | 372 | 370 | 373 | 372 | 373 | 372 | 373 | 8920 | 371.7 |
| 21 | | 374 | 373 | 369 | 369 | 373 | 373 | 373 | 373 | 375 | 378 | 378 | 382 | 383 | 386 | 382 | 378 | 374 | 373 | 369 | 356 | 354 | 350 | 359 | 352 | 8920 | 371.7 |
| 22 | | 335 | 330 | 344 | 351 | 364 | 373 | 359 | 360 | 361 | 362 | 365 | 367 | 369 | 369 | 367 | 364 | 365 | 367 | 365 | 365 | 362 | 362 | 363 | 359 | 8648 | 360.3 |
| 23 D | | 356 | 353 | 349 | 350 | 360 | 349 | 360 | 356 | 371 | 373 | 370 | 369 | 369 | 367 | 367 | 368 | 363 | 355 | 353 | 353 | 344 | 339 | 343 | 343 | 8542 | 355.9 |
| 24 | | 359 | 350 | 355 | 356 | 357 | 361 | 362 | 367 | 360 | 360 | 360 | 362 | 364 | 364 | 360 | 360 | 361 | 361 | 358 | 362 | 360 | 357 | 359 | 363 | 8638 | 359.9 |
| 25 | | 360 | 359 | 359 | 364 | 362 | 368 | 365 | 348 | 356 | 360 | 365 | 365 | 360 | 361 | 363 | 361 | 360 | 360 | 360 | 359 | 362 | 364 | 364 | 361 | 8666 | 361.1 |
| 26 | | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 362 | 364 | 368 | 370 | 373 | 372 | 373 | 373 | 368 | 373 | 370 | 369 | 355 | 355 | 356 | 360 | 360 | 8739 | 364.1 |
| 27 D | | 357 | 361 | 355 | 370 | 374 | 360 | 355 | 382 | 366 | 368 | 370 | 371 | 370 | 367 | 351 | 348 | 352 | 355 | 352 | 347 | 349 | 338 | 340 | 337 | 8595 | 358.1 |
| 28 D | | 339 | 339 | 345 | 356 | 364 | 355 | 379 | 355 | 356 | 351 | 366 | 366 | 366 | 369 | 360 | 360 | 360 | 360 | 359 | 352 | 349 | 347 | 325 | 343 | 8521 | 355.0 |
| 29 | | 345 | 360 | 365 | 356 | 351 | 357 | 365 | 363 | 364 | 367 | 365 | 367 | 371 | 374 | 355 | 352 | 354 | 363 | 360 | 350 | 351 | 355 | 352 | 344 | 8625 | 359.4 |
| 30 | | 354 | 357 | 358 | 369 | 356 | 352 | 357 | 357 | 350 | 356 | 369 | 369 | 369 | 368 | 363 | 361 | 356 | 352 | 360 | 361 | 360 | 357 | 354 | 349 | 8614 | 358.9 |
| Sum. | | 10666 | 10660 | 10696 | 10787 | 10822 | 10788 | 10875 | 10874 | 10872 | 10960 | 11027 | 11025 | 11019 | 10970 | 10846 | 10807 | 10847 | 10905 | 10909 | 10817 | 10797 | 10763 | 10688 | 10657 | 260077 | |
| Mean. | | 355.5 | 355.3 | 356.5 | 359.6 | 360.7 | 359.6 | 362.5 | 362.5 | 362.4 | 356.3 | 367.6 | 367.5 | 367.3 | 365.7 | 361.5 | 360.2 | 361.6 | 363.5 | 363.6 | 360.6 | 359.9 | 358.8 | 356.3 | 355.2 | | 361.2 |

Vertical component, Z, - (36000 + tabulated values) gammas

June 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 445 | 441 | 441 | 430 | 431 | 429 | 431 | 428 | 424 | 430 | 429 | 429 | 438 | 437 | 435 | 436 | 438 | 437 | 437 | 434 | 437 | 432 | 436 | 437 | 10422 | 434.3 | |
| 02 | 437 | 437 | 435 | 434 | 435 | 431 | 429 | 429 | 431 | 433 | 433 | 434 | 434 | 434 | 434 | 434 | 435 | 434 | 435 | 433 | 432 | 433 | 433 | 433 | 10402 | 433.4 | |
| 03 | 433 | 433 | 433 | 433 | 433 | 432 | 431 | 431 | 431 | 431 | 431 | 432 | 432 | 433 | 433 | 431 | 429 | 433 | 435 | 435 | 433 | 429 | 426 | 429 | 10362 | 431.8 | |
| 04 | 430 | 426 | 433 | 437 | 437 | 435 | 433 | 427 | 423 | 421 | 419 | 421 | 424 | 429 | 432 | 430 | 434 | 435 | 435 | 434 | 429 | 435 | 431 | 433 | 10323 | 430.1 | |
| 05 | 438 | 438 | 435 | 432 | 430 | 433 | 428 | 426 | 427 | 429 | 429 | 430 | 432 | 431 | 431 | 431 | 430 | 429 | 429 | 426 | 433 | 433 | 431 | 427 | 10338 | 430.8 | |
| 06 | 423 | 432 | 435 | 442 | 438 | 429 | 420 | 414 | 421 | 427 | 429 | 430 | 434 | 434 | 434 | 435 | 435 | 435 | 435 | 434 | 434 | 433 | 433 | 433 | 10349 | 431.2 | |
| 07 | 436 | 435 | 432 | 430 | 430 | 432 | 431 | 422 | 418 | 418 | 421 | 424 | 429 | 429 | 429 | 429 | 429 | 431 | 432 | 431 | 433 | 434 | 433 | 433 | 10301 | 429.2 | |
| 08 Q | 433 | 432 | 432 | 431 | 431 | 429 | 427 | 428 | 429 | 429 | 429 | 429 | 429 | 428 | 428 | 428 | 429 | 431 | 432 | 432 | 431 | 431 | 429 | 429 | 10316 | 429.8 | |
| 09 D | 428 | 429 | 426 | 426 | 419 | 408 | 421 | 426 | 420 | 421 | 417 | 425 | 425 | 425 | 425 | 428 | 429 | 429 | 427 | 422 | 426 | 431 | 431 | 429 | 10193 | 424.7 | |
| 10 D | 427 | 432 | 436 | 431 | 413 | 420 | 413 | 414 | 420 | 409 | 407 | 416 | 421 | 422 | 427 | 429 | 431 | 432 | 431 | 430 | 429 | 429 | 429 | 429 | 10177 | 424.0 | |
| 11 | 430 | 431 | 431 | 429 | 424 | 420 | 423 | 425 | 425 | 425 | 426 | 427 | 428 | 427 | 426 | 427 | 428 | 429 | 431 | 431 | 429 | 427 | 427 | 427 | 10253 | 427.2 | |
| 12 | 431 | 429 | 428 | 426 | 427 | 427 | 425 | 422 | 419 | 423 | 426 | 425 | 425 | 427 | 424 | 425 | 429 | 430 | 431 | 429 | 427 | 428 | 428 | 428 | 10239 | 426.6 | |
| 13 | 429 | 429 | 429 | 427 | 424 | 425 | 425 | 422 | 425 | 427 | 427 | 426 | 427 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 429 | 428 | 428 | 428 | 10258 | 427.4 | |
| 14 | 427 | 427 | 426 | 425 | 427 | 415 | 423 | 425 | 425 | 424 | 425 | 426 | 427 | 427 | 426 | 427 | 427 | 426 | 425 | 427 | 429 | 425 | 424 | 423 | 10208 | 425.3 | |
| 15 | 426 | 425 | 422 | 423 | 414 | 421 | 427 | 427 | 427 | 425 | 423 | 424 | 422 | 423 | 421 | 423 | 425 | 428 | 427 | 425 | 429 | 427 | 426 | 426 | 10186 | 424.4 | |
| 16 | 426 | 421 | 423 | 426 | 426 | 425 | 425 | 425 | 424 | 424 | 425 | 425 | 427 | 427 | 427 | 425 | 426 | 427 | 427 | 428 | 427 | 425 | 425 | 425 | 10211 | 425.5 | |
| 17 Q | 425 | 425 | 425 | 424 | 424 | 424 | 423 | 423 | 423 | 425 | 425 | 424 | 424 | 425 | 425 | 426 | 426 | 427 | 428 | 427 | 426 | 425 | 424 | 424 | 10197 | 424.9 | |
| 18 Q | 423 | 420 | 423 | 425 | 425 | 423 | 423 | 422 | 421 | 422 | 422 | 423 | 423 | 423 | 423 | 423 | 425 | 425 | 426 | 426 | 425 | 424 | 423 | 422 | 10160 | 423.3 | |
| 19 Q | 421 | 421 | 421 | 420 | 420 | 417 | 419 | 421 | 421 | 419 | 420 | 419 | 420 | 421 | 421 | 421 | 421 | 424 | 425 | 425 | 424 | 422 | 421 | 420 | 10104 | 421.0 | |
| 20 Q | 422 | 421 | 420 | 419 | 419 | 419 | 419 | 419 | 417 | 417 | 417 | 417 | 419 | 421 | 421 | 420 | 420 | 421 | 420 | 421 | 421 | 421 | 421 | 421 | 10073 | 419.7 | |
| 21 | 421 | 420 | 420 | 419 | 420 | 419 | 417 | 417 | 417 | 418 | 417 | 417 | 419 | 420 | 418 | 416 | 417 | 417 | 417 | 413 | 416 | 420 | 420 | 417 | 10032 | 418.0 | |
| 22 | 416 | 420 | 425 | 425 | 420 | 397 | 409 | 419 | 421 | 422 | 422 | 422 | 423 | 423 | 422 | 421 | 422 | 424 | 422 | 422 | 421 | 421 | 420 | 10080 | 420.0 | | |
| 23 D | 419 | 421 | 423 | 423 | 411 | 413 | 419 | 418 | 413 | 408 | 418 | 420 | 409 | 421 | 421 | 421 | 419 | 417 | 416 | 413 | 426 | 425 | 426 | 10049 | 418.7 | | |
| 24 | 429 | 427 | 427 | 425 | 424 | 423 | 419 | 418 | 417 | 419 | 420 | 423 | 424 | 424 | 424 | 423 | 424 | 424 | 421 | 422 | 422 | 421 | 422 | 419 | 10141 | 422.5 | |
| 25 | 420 | 420 | 420 | 422 | 420 | 413 | 400 | 408 | 418 | 420 | 422 | 422 | 421 | 422 | 423 | 422 | 421 | 421 | 420 | 419 | 421 | 421 | 421 | 421 | 10056 | 419.9 | |
| 26 | 420 | 420 | 420 | 419 | 418 | 419 | 418 | 419 | 420 | 421 | 422 | 421 | 421 | 421 | 420 | 417 | 417 | 418 | 417 | 415 | 413 | 416 | 418 | 421 | 10051 | 418.8 | |
| 27 D | 421 | 419 | 421 | 420 | 409 | 396 | 401 | 381 | 375 | 383 | 392 | 398 | 404 | 409 | 413 | 419 | 422 | 424 | 421 | 418 | 421 | 420 | 423 | 424 | 9834 | 409.8 | |
| 28 D | 425 | 424 | 425 | 426 | 416 | 415 | 395 | 402 | 405 | 399 | 412 | 416 | 421 | 421 | 419 | 422 | 421 | 421 | 420 | 415 | 417 | 419 | 416 | 427 | 9999 | 416.6 | |
| 29 | 425 | 426 | 421 | 409 | 417 | 419 | 418 | 416 | 412 | 414 | 417 | 414 | 415 | 417 | 415 | 417 | 419 | 423 | 424 | 421 | 421 | 419 | 418 | 417 | 10034 | 418.1 | |
| 30 | 421 | 422 | 421 | 417 | 402 | 381 | 391 | 407 | 407 | 414 | 419 | 418 | 419 | 421 | 420 | 420 | 418 | 417 | 422 | 422 | 421 | 418 | 417 | 415 | 9950 | 414.6 | |
| Sum. | 12807 | 12803 | 12809 | 12775 | 12684 | 12589 | 12583 | 12589 | 12576 | 12597 | 12641 | 12677 | 12716 | 12751 | 12746 | 12747 | 12775 | 12798 | 12797 | 12759 | 12782 | 12772 | 12761 | 12766 | 305300 | | |
| Mean. | 426.9 | 426.8 | 427.0 | 425.8 | 422.8 | 419.6 | 419.4 | 419.6 | 419.2 | 419.9 | 421.4 | 422.6 | 423.9 | 425.0 | 424.9 | 424.9 | 425.8 | 426.6 | 426.6 | 425.3 | 426.1 | 425.7 | 425.4 | 425.5 | | 424.1 | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

July 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62.2 | 62.6 | 63.3 | 62.6 | 61.8 | 61.8 | 62.2 | 62.3 | 63.7 | 62.9 | 62.7 | 63.9 | 64.2 | 63.6 | 63.7 | 63.5 | 64.5 | 64.9 | 63.7 | 62.9 | 62.9 | 62.9 | 63.2 | 62.8 | 1514.8 | 63.12 | |
| 2 | 61.1 | 60.9 | 62.7 | 62.5 | 62.0 | 62.6 | 62.0 | 63.2 | 61.8 | 61.8 | 62.9 | 63.3 | 62.7 | 62.7 | 63.3 | 63.7 | 63.8 | 64.9 | 64.1 | 63.7 | 63.5 | 63.3 | 64.6 | 1509.8 | 62.91 | | |
| 3 | 63.8 | 62.6 | 62.2 | 62.4 | 62.8 | 62.7 | 62.7 | 63.6 | 62.4 | 62.2 | 62.1 | 62.6 | 62.6 | 62.7 | 63.0 | 63.8 | 63.8 | 63.7 | 63.2 | 62.3 | 63.1 | 63.0 | 63.1 | 63.2 | 1509.6 | 62.90 | |
| 4 D | 63.2 | 63.3 | 62.5 | 60.1 | 60.6 | 62.0 | 61.5 | 60.9 | 61.5 | 62.7 | 62.3 | 62.1 | 63.2 | 64.2 | 64.6 | 64.5 | 63.7 | 62.9 | 63.3 | 63.7 | 64.2 | 60.1 | 64.7 | 63.1 | 1505.2 | 62.72 | |
| 5 D | 65.5 | 62.8 | 62.6 | 60.3 | 55.5 | 54.5 | 62.6 | 62.1 | 59.2 | 63.5 | 62.5 | 61.8 | 63.0 | 63.7 | 63.7 | 64.1 | 64.1 | 64.1 | 63.2 | 63.1 | 63.1 | 61.8 | 62.8 | 63.1 | 1492.7 | 62.20 | |
| 6 | 63.0 | 60.8 | 59.4 | 57.8 | 58.7 | 58.7 | 59.4 | 62.4 | 62.0 | 61.2 | 63.4 | 63.7 | 63.2 | 63.2 | 63.4 | 63.6 | 63.8 | 64.1 | 63.7 | 63.4 | 63.1 | 63.3 | 63.2 | 63.2 | 1491.7 | 62.15 | |
| 7 | 63.2 | 63.3 | 63.2 | 62.6 | 62.4 | 61.7 | 61.8 | 61.8 | 61.8 | 62.4 | 61.9 | 62.5 | 62.3 | 62.6 | 62.8 | 63.3 | 63.7 | 64.1 | 64.6 | 63.3 | 62.8 | 63.2 | 62.7 | 61.7 | 1505.7 | 62.74 | |
| 8 | 63.2 | 62.6 | 62.3 | 59.5 | 59.1 | 61.6 | 63.4 | 63.0 | 63.0 | 62.5 | 62.5 | 62.3 | 63.3 | 63.4 | 62.9 | 62.9 | 68.1 | 63.7 | 63.7 | 63.3 | 63.4 | 63.3 | 61.3 | 62.7 | 1507.0 | 62.79 | |
| 9 Q | 63.5 | 63.0 | 61.4 | 59.9 | 60.0 | 60.4 | 61.7 | 62.4 | 63.2 | 62.8 | 63.0 | 63.2 | 63.1 | 63.1 | 63.1 | 63.2 | 63.5 | 63.7 | 63.2 | 62.7 | 62.7 | 62.6 | 62.6 | 62.7 | 1500.7 | 62.53 | |
| 10 | 62.7 | 62.7 | 62.7 | 62.7 | 62.6 | 62.7 | 62.6 | 62.7 | 62.8 | 62.6 | 62.6 | 62.6 | 62.5 | 62.5 | 63.5 | 64.1 | 64.6 | 64.1 | 63.9 | 63.3 | 63.2 | 62.5 | 62.9 | 62.6 | 1511.7 | 62.99 | |
| 11 | 62.8 | 63.4 | 62.6 | 62.6 | 61.8 | 61.4 | 60.9 | 60.3 | 60.9 | 61.9 | 61.3 | 62.1 | 62.0 | 62.9 | 63.3 | 63.8 | 64.2 | 64.2 | 63.8 | 63.4 | 63.0 | 63.7 | 62.6 | 63.0 | 1501.9 | 62.58 | |
| 12 | 63.0 | 62.8 | 62.7 | 62.3 | 61.5 | 62.7 | 62.3 | 61.5 | 61.3 | 62.2 | 61.8 | 62.3 | 62.5 | 62.9 | 64.1 | 64.1 | 63.7 | 63.2 | 63.7 | 63.2 | 62.6 | 62.6 | 62.8 | 62.9 | 1504.7 | 62.70 | |
| 13 | 63.4 | 63.1 | 61.5 | 61.0 | 60.9 | 62.1 | 62.6 | 62.6 | 62.6 | 62.4 | 62.7 | 62.7 | 63.5 | 62.7 | 63.0 | 63.3 | 64.2 | 65.2 | 65.3 | 65.0 | 63.7 | 64.1 | 62.8 | 62.7 | 1513.1 | 63.05 | |
| 14 | 63.8 | 60.2 | 60.5 | 60.9 | 60.8 | 60.4 | 59.5 | 59.1 | 62.0 | 61.9 | 62.4 | 63.2 | 63.0 | 62.6 | 63.6 | 64.2 | 65.8 | 64.3 | 63.7 | 63.7 | 63.6 | 63.6 | 62.9 | 63.6 | 1499.3 | 62.47 | |
| 15 | 62.4 | 60.0 | 61.9 | 63.0 | 62.8 | 62.6 | 62.3 | 61.9 | 62.3 | 62.7 | 62.8 | 63.2 | 62.8 | 62.6 | 63.0 | 63.5 | 63.7 | 63.9 | 63.5 | 62.8 | 62.9 | 62.2 | 63.1 | 63.1 | 1505.0 | 62.71 | |
| 16 Q | 63.4 | 63.2 | 62.5 | 62.0 | 60.7 | 61.7 | 61.9 | 62.0 | 62.6 | 62.6 | 62.8 | 62.9 | 62.7 | 62.7 | 62.7 | 62.9 | 63.2 | 63.3 | 63.2 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 1502.6 | 62.61 | |
| 17 Q | 62.7 | 62.7 | 62.7 | 62.5 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 63.0 | 63.3 | 63.7 | 63.6 | 63.0 | 62.7 | 62.5 | 62.6 | 62.7 | 1506.6 | 62.78 | |
| 18 Q | 62.7 | 63.0 | 62.7 | 62.7 | 62.5 | 62.3 | 62.0 | 62.3 | 62.3 | 62.5 | 62.7 | 62.7 | 62.6 | 62.7 | 62.9 | 63.7 | 63.9 | 63.8 | 63.7 | 63.4 | 62.8 | 62.7 | 62.7 | 62.6 | 1507.9 | 62.83 | |
| 19 | 62.6 | 62.4 | 62.3 | 62.3 | 61.8 | 61.6 | 60.6 | 61.4 | 60.9 | 63.3 | 62.6 | 63.2 | 62.7 | 63.2 | 63.8 | 63.3 | 63.5 | 63.5 | 62.8 | 62.9 | 63.3 | 63.6 | 63.3 | 62.9 | 1503.8 | 62.66 | |
| 20 | 61.5 | 59.4 | 60.2 | 58.0 | 57.3 | 55.6 | 58.7 | 63.9 | 62.6 | 60.2 | 61.8 | 62.8 | 63.3 | 63.2 | 63.4 | 64.0 | 64.1 | 64.5 | 64.1 | 63.2 | 62.3 | 62.6 | 63.0 | 62.4 | 1482.1 | 61.75 | |
| 21 | 62.1 | 61.3 | 59.6 | 61.8 | 61.5 | 62.3 | 61.8 | 62.1 | 62.6 | 62.5 | 63.6 | 63.4 | 62.6 | 62.6 | 63.3 | 63.7 | 63.7 | 63.8 | 64.4 | 63.1 | 63.8 | 63.6 | 60.4 | 62.3 | 1501.9 | 62.58 | |
| 22 | 60.1 | 60.0 | 62.9 | 62.1 | 62.6 | 61.1 | 63.6 | 60.5 | 60.7 | 63.4 | 63.2 | 63.2 | 63.2 | 62.9 | 63.2 | 64.0 | 64.1 | 64.5 | 63.8 | 62.9 | 63.0 | 62.7 | 60.3 | 62.6 | 1500.6 | 62.53 | |
| 23 | 62.4 | 63.1 | 63.2 | 62.7 | 62.7 | 61.2 | 58.8 | 60.2 | 61.5 | 64.5 | 62.3 | 62.5 | 62.9 | 63.0 | 63.4 | 63.4 | 63.9 | 64.2 | 63.8 | 63.8 | 64.2 | 65.0 | 64.1 | 63.7 | 1510.5 | 62.94 | |
| 24 | 63.8 | 62.9 | 62.3 | 63.2 | 62.9 | 62.7 | 62.9 | 62.7 | 62.6 | 62.3 | 62.3 | 62.4 | 62.5 | 62.7 | 64.2 | 65.8 | 65.3 | 65.4 | 67.9 | 65.5 | 65.5 | 66.1 | 66.6 | 66.4 | 1536.9 | 64.04 | |
| 25 | 68.0 | 62.2 | 60.7 | 61.8 | 59.2 | 57.8 | 59.1 | 56.8 | 59.3 | 60.6 | 61.1 | 62.6 | 63.9 | 64.1 | 64.7 | 65.0 | 65.2 | 65.5 | 64.8 | 63.9 | 63.2 | 63.1 | 63.0 | 62.9 | 1498.5 | 62.44 | |
| 26 D | 62.7 | 62.7 | 62.4 | 62.0 | 61.0 | 54.9 | 46.5 | 47.1 | 63.1 | 59.5 | 73.8 | 68.1 | 66.0 | 65.7 | 65.5 | 65.1 | 65.7 | 65.9 | 65.0 | 63.7 | 64.1 | 63.7 | 58.0 | 64.0 | 1496.2 | 62.34 | |
| 27 D | 54.6 | 54.9 | 58.9 | 61.0 | 62.4 | 61.2 | 63.1 | 64.3 | 64.9 | 64.3 | 64.2 | 64.3 | 64.3 | 65.7 | 68.5 | 67.8 | 66.1 | 65.2 | 63.9 | 63.7 | 63.3 | 63.6 | 63.1 | 62.3 | 1515.6 | 63.15 | |
| 28 D | 62.0 | 61.5 | 62.9 | 59.1 | 60.8 | 60.7 | 60.0 | 61.9 | 64.6 | 63.8 | 63.7 | 64.6 | 66.8 | 66.7 | 65.7 | 65.6 | 65.7 | 65.4 | 64.5 | 63.8 | 63.6 | 61.5 | 61.0 | 61.1 | 1517.0 | 63.21 | |
| 29 | 62.7 | 61.4 | 60.3 | 61.6 | 62.8 | 62.4 | 62.7 | 63.6 | 62.3 | 62.9 | 63.3 | 63.5 | 63.4 | 63.3 | 63.5 | 63.8 | 64.5 | 64.2 | 63.7 | 63.2 | 63.1 | 62.7 | 62.7 | 63.3 | 1510.9 | 62.95 | |
| 30 Q | 63.1 | 62.4 | 60.3 | 58.9 | 60.9 | 62.8 | 62.9 | 62.6 | 62.8 | 63.2 | 63.2 | 63.2 | 62.8 | 62.8 | 63.0 | 63.7 | 64.0 | 64.2 | 64.1 | 63.8 | 63.4 | 63.3 | 63.2 | 62.5 | 1507.1 | 62.80 | |
| 31 | 62.8 | 63.2 | 63.0 | 63.0 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 63.1 | 63.0 | 62.9 | 62.7 | 62.5 | 63.1 | 63.7 | 64.2 | 64.2 | 65.5 | 65.0 | 64.9 | 66.4 | 63.4 | 63.2 | 1523.5 | 63.46 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 46694.6 | | |
| 1000+ | 944.0 | 920.4 | 918.4 | 904.9 | 897.5 | 891.4 | 897.3 | 906.6 | 928.7 | 937.1 | 953.3 | 956.8 | 959.0 | 961.9 | 974.0 | 983.7 | 995.5 | 991.2 | 986.2 | 967.9 | 963.9 | 958.2 | 944.1 | 952.6 | | | |
| Mean. | 62.71 | 61.95 | 61.88 | 61.45 | 61.21 | 61.01 | 61.20 | 61.50 | 62.22 | 62.49 | 63.01 | 63.12 | 63.19 | 63.29 | 63.68 | 63.99 | 64.37 | 64.23 | 64.07 | 63.48 | 63.35 | 63.17 | 62.71 | 62.99 | | 62.76 | |

Horizontal component, H, 23000 gammas + tabulated value

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| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | 349 | 354 | 352 | 361 | 366 | 360 | 358 | 358 | 359 | 364 | 360 | 356 | 368 | 364 | 356 | 355 | 354 | 354 | 362 | 362 | 361 | 357 | 354 | 349 | 8593 | 358.0 |
| 02 | 348 | 350 | 357 | 358 | 358 | 361 | 358 | 372 | 362 | 364 | 362 | 364 | 367 | 367 | 364 | 362 | 362 | 358 | 345 | 348 | 355 | 332 | 328 | 323 | 8516 | 354.8 |
| 03 | 328 | 337 | 356 | 350 | 354 | 355 | 359 | 366 | 369 | 371 | 367 | 368 | 371 | 369 | 364 | 357 | 360 | 370 | 369 | 369 | 367 | 356 | 364 | 361 | 8647 | 360.3 |
| 04 D | 361 | 356 | 356 | 356 | 360 | 365 | 369 | 366 | 360 | 357 | 364 | 360 | 364 | 365 | 373 | 368 | 369 | 369 | 363 | 364 | 357 | 301 | 351 | 348 | 8642 | 360.1 |
| 05 D | 344 | 352 | 353 | 378 | 366 | 336 | 340 | 357 | 351 | 357 | 358 | 358 | 353 | 352 | 357 | 365 | 369 | 357 | 368 | 365 | 351 | 357 | 361 | 363 | 8568 | 357.0 |
| 06 | 359 | 359 | 368 | 344 | 338 | 348 | 355 | 360 | 358 | 352 | 351 | 358 | 359 | 361 | 358 | 361 | 365 | 365 | 357 | 365 | 366 | 359 | 357 | 357 | 8580 | 357.5 |
| 07 | 357 | 357 | 358 | 361 | 361 | 360 | 358 | 356 | 358 | 361 | 362 | 364 | 365 | 366 | 365 | 366 | 369 | 365 | 353 | 361 | 365 | 365 | 354 | 356 | 8663 | 361.0 |
| 08 | 361 | 356 | 352 | 361 | 354 | 348 | 358 | 362 | 361 | 360 | 360 | 361 | 363 | 364 | 362 | 364 | 365 | 368 | 367 | 364 | 364 | 358 | 342 | 342 | 8617 | 359.0 |
| 09 Q | 352 | 356 | 355 | 357 | 360 | 353 | 356 | 357 | 360 | 360 | 360 | 361 | 361 | 361 | 360 | 361 | 365 | 369 | 369 | 366 | 364 | 362 | 362 | 363 | 8650 | 360.4 |
| 10 | 359 | 357 | 361 | 361 | 363 | 364 | 361 | 364 | 366 | 366 | 366 | 368 | 367 | 364 | 366 | 364 | 363 | 367 | 371 | 373 | 370 | 369 | 369 | 366 | 8765 | 365.2 |
| 11 | 363 | 363 | 359 | 359 | 354 | 359 | 358 | 358 | 355 | 359 | 359 | 360 | 361 | 361 | 361 | 363 | 364 | 366 | 369 | 364 | 359 | 353 | 355 | 359 | 8641 | 360.0 |
| 12 | 362 | 361 | 360 | 358 | 359 | 360 | 365 | 357 | 357 | 366 | 361 | 362 | 363 | 361 | 358 | 361 | 364 | 369 | 373 | 373 | 368 | 368 | 366 | 366 | 8718 | 363.3 |
| 13 | 360 | 357 | 367 | 354 | 355 | 356 | 361 | 361 | 360 | 361 | 364 | 364 | 364 | 367 | 361 | 360 | 360 | 355 | 358 | 355 | 352 | 355 | 341 | 335 | 8583 | 357.6 |
| 14 | 348 | 352 | 348 | 352 | 352 | 358 | 368 | 357 | 355 | 355 | 356 | 356 | 358 | 360 | 352 | 352 | 354 | 356 | 360 | 362 | 361 | 354 | 352 | 356 | 8534 | 355.6 |
| 15 | 357 | 348 | 345 | 356 | 357 | 357 | 358 | 361 | 361 | 362 | 366 | 365 | 364 | 361 | 358 | 357 | 360 | 361 | 366 | 366 | 358 | 361 | 361 | 352 | 8618 | 359.1 |
| 16 Q | 348 | 355 | 354 | 361 | 360 | 357 | 358 | 361 | 361 | 362 | 362 | 362 | 361 | 361 | 361 | 361 | 363 | 365 | 367 | 369 | 369 | 357 | 366 | 365 | 8666 | 361.1 |
| 17 Q | 365 | 365 | 365 | 363 | 363 | 365 | 366 | 366 | 367 | 369 | 369 | 369 | 365 | 362 | 360 | 360 | 362 | 364 | 369 | 369 | 369 | 368 | 368 | 365 | 8773 | 365.5 |
| 18 Q | 364 | 360 | 355 | 360 | 362 | 364 | 363 | 364 | 346 | 368 | 367 | 367 | 366 | 364 | 360 | 360 | 362 | 367 | 371 | 369 | 369 | 373 | 373 | 373 | 8747 | 364.5 |
| 19 | 373 | 373 | 374 | 373 | 373 | 373 | 373 | 371 | 372 | 373 | 378 | 373 | 370 | 367 | 365 | 367 | 370 | 374 | 373 | 374 | 351 | 351 | 357 | 354 | 8852 | 368.8 |
| 20 | 341 | 325 | 335 | 338 | 351 | 356 | 346 | 349 | 372 | 364 | 363 | 364 | 359 | 359 | 357 | 357 | 360 | 352 | 354 | 358 | 353 | 356 | 358 | 353 | 8480 | 353.3 |
| 21 | 333 | 333 | 342 | 349 | 362 | 362 | 358 | 356 | 359 | 357 | 358 | 359 | 362 | 363 | 359 | 359 | 359 | 350 | 347 | 356 | 351 | 346 | 350 | 347 | 8477 | 353.2 |
| 22 | 331 | 344 | 353 | 360 | 364 | 360 | 361 | 371 | 358 | 357 | 359 | 361 | 361 | 360 | 360 | 362 | 360 | 357 | 360 | 361 | 358 | 352 | 351 | 352 | 8573 | 357.2 |
| 23 | 357 | 355 | 356 | 356 | 359 | 366 | 362 | 358 | 357 | 364 | 358 | 356 | 358 | 357 | 354 | 351 | 352 | 362 | 362 | 351 | 347 | 349 | 350 | 354 | 8551 | 356.3 |
| 24 | 346 | 338 | 347 | 355 | 357 | 360 | 361 | 361 | 362 | 363 | 364 | 365 | 368 | 365 | 361 | 357 | 347 | 343 | 331 | 341 | 338 | 339 | 338 | 333 | 8440 | 351.7 |
| 25 | 321 | 326 | 310 | 328 | 334 | 324 | 336 | 339 | 340 | 341 | 341 | 340 | 345 | 345 | 345 | 345 | 349 | 355 | 359 | 359 | 359 | 362 | 364 | 370 | 8237 | 343.2 |
| 26 D | 376 | 383 | 389 | 378 | 375 | 390 | 351 | 323 | 369 | 340 | 352 | 373 | 355 | 348 | 335 | 329 | 329 | 332 | 329 | 343 | 342 | 319 | 339 | 336 | 8435 | 351.5 |
| 27 D | 354 | 365 | 317 | 345 | 349 | 348 | 345 | 345 | 349 | 353 | 353 | 356 | 357 | 346 | 332 | 315 | 331 | 340 | 348 | 350 | 346 | 334 | 327 | 326 | 8231 | 343.0 |
| 28 D | 360 | 345 | 356 | 335 | 348 | 348 | 352 | 344 | 352 | 352 | 351 | 350 | 350 | 350 | 341 | 332 | 321 | 344 | 347 | 348 | 344 | 327 | 331 | 326 | 8254 | 343.9 |
| 29 | 338 | 363 | 348 | 338 | 348 | 349 | 358 | 360 | 354 | 351 | 352 | 355 | 355 | 350 | 348 | 345 | 344 | 351 | 355 | 356 | 352 | 343 | 348 | 349 | 8410 | 350.4 |
| 30 Q | 350 | 352 | 361 | 347 | 346 | 355 | 362 | 353 | 352 | 352 | 354 | 357 | 357 | 353 | 349 | 347 | 348 | 352 | 352 | 352 | 352 | 351 | 351 | 350 | 8455 | 352.3 |
| 31 | 353 | 353 | 356 | 356 | 361 | 358 | 357 | 357 | 357 | 358 | 359 | 361 | 360 | 358 | 357 | 361 | 370 | 375 | 375 | 376 | 370 | 353 | 365 | 365 | 8671 | 361.3 |
| Sum. | 10918 | 10950 | 10955 | 11005 | 11069 | 11075 | 11091 | 11090 | 11119 | 11139 | 11156 | 11193 | 11197 | 11151 | 11059 | 11024 | 11070 | 11132 | 11159 | 11200 | 11078 | 10887 | 10953 | 10914 | 265587 | |
| Mean. | 352.2 | 353.2 | 353.4 | 355.1 | 357.1 | 357.3 | 357.8 | 357.7 | 358.7 | 359.3 | 359.9 | 361.1 | 361.2 | 359.7 | 356.7 | 355.6 | 357.1 | 359.1 | 360.0 | 361.3 | 357.4 | 351.2 | 353.3 | 352.1 | | 357.0 |

Vertical component, Z, - (36000 + tabulated values) gammas

July 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 416 | 420 | 421 | 422 | 419 | 416 | 417 | 417 | 416 | 413 | 416 | 417 | 421 | 424 | 421 | 424 | 423 | 423 | 425 | 425 | 423 | 421 | 419 | 419 | 10078 | 419.9 | |
| 02 | 421 | 421 | 425 | 423 | 421 | 421 | 419 | 417 | 413 | 416 | 417 | 419 | 421 | 420 | 420 | 420 | 420 | 419 | 413 | 417 | 421 | 417 | 420 | 422 | 10063 | 419.3 | |
| 03 | 428 | 429 | 429 | 428 | 427 | 426 | 425 | 422 | 417 | 417 | 417 | 419 | 421 | 421 | 420 | 417 | 419 | 420 | 423 | 421 | 420 | 419 | 418 | 418 | 10121 | 421.7 | |
| 04 D | 420 | 420 | 422 | 424 | 425 | 419 | 415 | 416 | 414 | 410 | 416 | 414 | 417 | 416 | 419 | 418 | 421 | 421 | 422 | 422 | 415 | 403 | 426 | 425 | 10040 | 418.3 | |
| 05 D | 427 | 427 | 425 | 421 | 396 | 397 | 398 | 415 | 411 | 414 | 417 | 415 | 417 | 415 | 419 | 422 | 423 | 423 | 423 | 421 | 416 | 421 | 423 | 421 | 10007 | 417.0 | |
| 06 | 420 | 418 | 415 | 404 | 409 | 414 | 416 | 416 | 412 | 413 | 410 | 414 | 421 | 418 | 418 | 420 | 422 | 421 | 418 | 423 | 422 | 419 | 417 | 419 | 9999 | 416.6 | |
| 07 | 418 | 419 | 419 | 420 | 419 | 417 | 417 | 416 | 417 | 415 | 413 | 417 | 417 | 418 | 417 | 417 | 417 | 415 | 411 | 417 | 421 | 421 | 416 | 418 | 10012 | 417.2 | |
| 08 | 420 | 418 | 417 | 412 | 412 | 412 | 410 | 404 | 411 | 416 | 416 | 415 | 416 | 416 | 417 | 418 | 418 | 417 | 417 | 416 | 416 | 415 | 420 | 415 | 9964 | 415.2 | |
| 09 Q | 421 | 422 | 420 | 416 | 413 | 409 | 411 | 413 | 417 | 416 | 416 | 416 | 417 | 417 | 417 | 417 | 417 | 417 | 418 | 418 | 417 | 416 | 415 | 415 | 9989 | 416.2 | |
| 10 | 415 | 414 | 415 | 415 | 415 | 415 | 413 | 415 | 414 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 413 | 416 | 418 | 419 | 417 | 417 | 416 | 415 | 9967 | 415.3 | |
| 11 | 414 | 415 | 415 | 414 | 414 | 413 | 412 | 410 | 409 | 411 | 413 | 413 | 412 | 412 | 413 | 414 | 415 | 415 | 417 | 415 | 413 | 413 | 415 | 416 | 9923 | 413.5 | |
| 12 | 417 | 416 | 415 | 415 | 414 | 412 | 404 | 409 | 410 | 412 | 411 | 413 | 413 | 411 | 410 | 413 | 416 | 416 | 417 | 416 | 413 | 413 | 413 | 413 | 9912 | 413.0 | |
| 13 | 413 | 413 | 411 | 409 | 411 | 413 | 411 | 413 | 413 | 413 | 414 | 413 | 409 | 409 | 411 | 413 | 414 | 412 | 413 | 415 | 416 | 417 | 415 | 417 | 9908 | 412.8 | |
| 14 | 423 | 422 | 419 | 419 | 415 | 414 | 403 | 402 | 410 | 413 | 413 | 413 | 415 | 415 | 413 | 415 | 415 | 415 | 420 | 420 | 419 | 415 | 415 | 417 | 9960 | 415.0 | |
| 15 | 417 | 413 | 416 | 418 | 416 | 416 | 415 | 415 | 415 | 415 | 416 | 415 | 415 | 415 | 414 | 415 | 414 | 415 | 417 | 417 | 413 | 415 | 415 | 413 | 9965 | 415.2 | |
| 16 Q | 412 | 415 | 415 | 417 | 413 | 414 | 414 | 413 | 413 | 413 | 413 | 413 | 413 | 414 | 415 | 415 | 415 | 415 | 417 | 416 | 415 | 414 | 413 | 412 | 9939 | 414.1 | |
| 17 Q | 411 | 411 | 412 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 410 | 410 | 409 | 409 | 409 | 410 | 412 | 414 | 413 | 412 | 412 | 411 | 9864 | 411.0 | |
| 18 Q | 409 | 408 | 408 | 411 | 413 | 413 | 411 | 410 | 410 | 410 | 409 | 409 | 409 | 410 | 410 | 409 | 412 | 414 | 414 | 413 | 414 | 414 | 413 | 411 | 9864 | 411.0 | |
| 19 | 409 | 409 | 409 | 408 | 408 | 407 | 404 | 406 | 404 | 404 | 403 | 403 | 404 | 404 | 405 | 408 | 411 | 413 | 412 | 407 | 405 | 408 | 411 | 409 | 9771 | 407.1 | |
| 20 | 407 | 408 | 408 | 405 | 402 | 394 | 400 | 398 | 395 | 398 | 406 | 407 | 409 | 411 | 411 | 411 | 412 | 408 | 411 | 414 | 413 | 415 | 415 | 413 | 9771 | 407.1 | |
| 21 | 409 | 412 | 414 | 413 | 408 | 409 | 412 | 411 | 411 | 408 | 408 | 411 | 412 | 412 | 408 | 409 | 410 | 406 | 407 | 414 | 413 | 412 | 412 | 411 | 9852 | 410.5 | |
| 22 | 408 | 414 | 417 | 415 | 412 | 409 | 406 | 399 | 399 | 407 | 409 | 411 | 413 | 411 | 409 | 408 | 406 | 406 | 409 | 412 | 411 | 409 | 407 | 409 | 9816 | 409.0 | |
| 23 | 411 | 412 | 411 | 409 | 409 | 405 | 394 | 399 | 402 | 401 | 402 | 408 | 409 | 409 | 409 | 411 | 412 | 415 | 413 | 408 | 412 | 413 | 415 | 417 | 9806 | 408.6 | |
| 24 | 415 | 413 | 416 | 416 | 414 | 413 | 412 | 411 | 412 | 411 | 411 | 411 | 411 | 409 | 406 | 404 | 402 | 402 | 400 | 411 | 414 | 417 | 417 | 421 | 9869 | 411.2 | |
| 25 | 423 | 420 | 419 | 424 | 411 | 411 | 413 | 403 | 411 | 411 | 413 | 416 | 416 | 417 | 417 | 417 | 417 | 418 | 419 | 418 | 418 | 419 | 418 | 419 | 9988 | 416.2 | |
| 26 D | 419 | 418 | 418 | 411 | 406 | 372 | 326 | 324 | 345 | 371 | 365 | 377 | 401 | 408 | 408 | 408 | 409 | 413 | 413 | 422 | 420 | 413 | 419 | 419 | 9505 | 396.0 | |
| 27 D | 414 | 398 | 388 | 395 | 398 | 398 | 399 | 408 | 408 | 413 | 413 | 410 | 416 | 409 | 407 | 403 | 419 | 420 | 422 | 421 | 418 | 413 | 413 | 416 | 9819 | 409.1 | |
| 28 D | 413 | 410 | 404 | 400 | 376 | 383 | 399 | 390 | 410 | 411 | 411 | 410 | 409 | 414 | 415 | 411 | 408 | 421 | 420 | 420 | 417 | 411 | 413 | 413 | 9789 | 407.9 | |
| 29 | 417 | 415 | 405 | 409 | 414 | 413 | 411 | 401 | 404 | 408 | 411 | 412 | 413 | 413 | 413 | 412 | 410 | 413 | 415 | 416 | 414 | 409 | 412 | 413 | 9873 | 411.4 | |
| 30 Q | 413 | 413 | 411 | 401 | 405 | 406 | 396 | 402 | 408 | 410 | 411 | 412 | 411 | 411 | 411 | 411 | 411 | 411 | 413 | 413 | 413 | 413 | 413 | 411 | 9830 | 409.6 | |
| 31 | 413 | 413 | 413 | 411 | 412 | 411 | 410 | 408 | 408 | 408 | 408 | 409 | 409 | 409 | 408 | 408 | 409 | 411 | 408 | 408 | 408 | 401 | 408 | 408 | 9819 | 409.1 | |
| Sum. | 12893 | 12876 | 12852 | 12816 | 12738 | 12683 | 12604 | 12594 | 12650 | 12704 | 12724 | 12758 | 12812 | 12813 | 12805 | 12812 | 12839 | 12862 | 12877 | 12908 | 12879 | 12834 | 12874 | 12876 | 307083 | | |
| Mean. | 416.0 | 415.4 | 414.6 | 413.4 | 411.0 | 409.1 | 406.6 | 406.3 | 408.1 | 409.8 | 410.5 | 411.5 | 413.3 | 413.3 | 413.1 | 413.3 | 414.2 | 414.9 | 415.4 | 416.4 | 415.5 | 414.0 | 415.3 | 415.4 | 412.7 | | |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

August 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 D | 63.2 | 56.2 | 53.8 | 61.4 | 58.2 | 52.9 | 56.9 | 57.4 | 60.8 | 63.5 | 62.3 | 63.7 | 64.2 | 65.4 | 66.8 | 66.9 | 66.7 | 65.7 | 65.0 | 64.7 | 62.8 | 63.8 | 64.9 | 62.6 | 1489.8 | 62.08 | |
| 2 | 61.6 | 63.8 | 63.7 | 63.1 | 64.0 | 61.8 | 62.0 | 62.4 | 62.8 | 62.7 | 62.6 | 62.9 | 64.4 | 63.5 | 63.7 | 64.3 | 64.9 | 65.0 | 64.4 | 63.6 | 63.7 | 64.1 | 63.6 | 63.8 | 1522.4 | 63.43 | |
| 3 | 63.6 | 62.7 | 62.7 | 62.6 | 61.9 | 60.3 | 60.3 | 62.8 | 62.7 | 63.3 | 62.3 | 62.3 | 63.9 | 64.1 | 63.6 | 64.2 | 65.0 | 65.5 | 65.0 | 64.4 | 63.8 | 62.9 | 63.9 | 63.8 | 1517.6 | 63.23 | |
| 4 | 63.5 | 63.3 | 62.7 | 61.4 | 61.5 | 61.0 | 61.2 | 62.4 | 61.8 | 61.9 | 62.8 | 63.5 | 62.9 | 62.9 | 63.2 | 64.1 | 65.0 | 65.4 | 65.1 | 64.6 | 63.8 | 63.5 | 63.6 | 63.7 | 1514.8 | 63.12 | |
| 5 | 63.5 | 63.2 | 61.2 | 61.4 | 61.6 | 62.3 | 62.6 | 62.4 | 61.8 | 62.2 | 62.4 | 64.3 | 63.2 | 63.5 | 62.9 | 63.7 | 64.1 | 64.8 | 64.9 | 63.7 | 63.2 | 63.1 | 63.1 | 62.9 | 1512.0 | 63.00 | |
| 6 | 63.2 | 63.8 | 62.8 | 63.8 | 62.2 | 59.1 | 54.9 | 54.7 | 62.1 | 62.3 | 62.9 | 63.0 | 65.6 | 66.1 | 63.8 | 64.8 | 64.8 | 64.5 | 64.2 | 64.5 | 64.1 | 65.1 | 64.8 | 64.5 | 1511.6 | 62.98 | |
| 7 | 58.4 | 59.0 | 63.1 | 62.2 | 61.8 | 59.0 | 61.6 | 63.0 | 61.8 | 62.9 | 63.2 | 62.9 | 64.8 | 64.4 | 64.0 | 64.0 | 66.3 | 66.2 | 66.2 | 65.0 | 65.0 | 64.9 | 61.0 | 64.0 | 1514.7 | 63.11 | |
| 8 D | 64.4 | 60.4 | 61.0 | 58.7 | 60.9 | 62.3 | 62.0 | 57.5 | 62.2 | 61.8 | 61.1 | 61.7 | 64.0 | 65.4 | 65.1 | 65.5 | 66.7 | 66.0 | 65.5 | 64.9 | 63.7 | 63.8 | 65.8 | 65.4 | 1515.8 | 63.16 | |
| 9 | 64.4 | 58.6 | 56.0 | 61.4 | 62.1 | 62.3 | 63.8 | 62.1 | 63.9 | 63.2 | 65.0 | 64.0 | 63.7 | 64.5 | 64.2 | 63.8 | 64.2 | 64.4 | 65.0 | 64.0 | 63.6 | 61.0 | 62.9 | 62.8 | 1510.9 | 62.95 | |
| 10 | 57.7 | 61.6 | 62.7 | 62.2 | 60.4 | 58.4 | 60.7 | 63.3 | 60.1 | 60.7 | 63.2 | 63.7 | 62.9 | 62.6 | 62.7 | 63.8 | 64.7 | 65.3 | 65.4 | 64.3 | 63.8 | 63.4 | 63.1 | 62.9 | 1499.6 | 62.48 | |
| 11 C | 63.0 | 62.9 | 62.4 | 62.1 | 62.4 | 62.9 | 63.0 | 63.1 | 63.2 | 63.1 | 63.0 | 62.8 | 62.6 | 62.0 | 62.5 | 63.4 | 63.9 | 64.1 | 64.2 | 63.7 | 63.0 | 62.7 | 62.6 | 62.6 | 1511.2 | 62.97 | |
| 12 C | 62.6 | 62.6 | 62.7 | 62.6 | 61.9 | 62.1 | 62.0 | 62.7 | 62.7 | 63.0 | 62.8 | 62.6 | 62.6 | 61.9 | 62.2 | 62.9 | 64.2 | 65.0 | 64.9 | 64.2 | 63.6 | 63.5 | 63.5 | 63.3 | 1512.1 | 63.00 | |
| 13 C | 62.8 | 62.7 | 62.5 | 62.4 | 62.4 | 62.6 | 62.5 | 62.5 | 63.0 | 62.8 | 62.7 | 63.1 | 62.2 | 61.4 | 61.4 | 62.2 | 63.1 | 63.8 | 63.8 | 63.3 | 62.6 | 62.5 | 62.4 | 62.1 | 1502.8 | 62.62 | |
| 14 | 62.6 | 62.6 | 61.9 | 59.2 | 59.1 | 61.8 | 62.2 | 62.7 | 62.6 | 62.2 | 61.8 | 61.5 | 61.8 | 61.8 | 61.8 | 62.4 | 62.9 | 63.4 | 63.8 | 63.8 | 64.1 | 64.2 | 64.5 | 61.4 | 1496.1 | 62.34 | |
| 15 | 62.4 | 62.3 | 56.7 | 60.4 | 61.1 | 54.5 | 48.2 | 60.9 | 65.4 | 63.7 | 63.3 | 62.8 | 62.7 | 62.6 | 62.4 | 63.2 | 64.2 | 65.3 | 64.5 | 64.1 | 64.4 | 64.6 | 64.1 | 63.5 | 1487.3 | 61.97 | |
| 16 | 61.1 | 61.5 | 61.1 | 62.4 | 62.9 | 61.1 | 63.3 | 64.9 | 62.7 | 62.6 | 62.6 | 62.5 | 62.2 | 62.1 | 62.4 | 63.2 | 64.1 | 64.6 | 64.5 | 65.0 | 64.6 | 63.9 | 60.7 | 62.3 | 1508.3 | 62.85 | |
| 17 D | 59.5 | 62.5 | 58.3 | 57.7 | 61.2 | 62.1 | 63.2 | 62.8 | 64.6 | 63.1 | 63.6 | 63.0 | 63.8 | 62.8 | 62.9 | 64.4 | 65.9 | 65.2 | 66.5 | 65.4 | 64.4 | 63.8 | 54.9 | 63.8 | 1505.4 | 62.73 | |
| 18 | 63.3 | 58.0 | 59.0 | 60.3 | 61.3 | 63.3 | 59.9 | 57.3 | 61.0 | 63.4 | 63.7 | 63.5 | 62.8 | 62.6 | 64.5 | 64.2 | 65.0 | 66.2 | 65.5 | 64.9 | 63.9 | 63.8 | 62.4 | 63.3 | 1503.1 | 62.63 | |
| 19 | 55.1 | 59.7 | 61.4 | 62.7 | 58.9 | 60.0 | 63.1 | 61.4 | 63.3 | 65.0 | 66.0 | 63.4 | 62.7 | 62.2 | 63.6 | 64.5 | 64.8 | 65.1 | 65.6 | 64.7 | 64.1 | 63.7 | 62.5 | 61.0 | 1504.5 | 62.69 | |
| 20 C | 61.4 | 62.1 | 61.7 | 62.0 | 62.3 | 62.7 | 62.8 | 62.8 | 63.3 | 63.2 | 63.1 | 62.7 | 62.5 | 61.7 | 61.7 | 62.6 | 63.7 | 64.6 | 64.9 | 64.1 | 63.6 | 63.0 | 62.7 | 62.7 | 1507.9 | 62.83 | |
| 21 | 62.1 | 62.7 | 62.1 | 62.4 | 62.3 | 62.5 | 62.4 | 62.7 | 62.8 | 62.8 | 62.4 | 62.0 | 61.5 | 61.4 | 61.8 | 62.6 | 63.4 | 64.1 | 64.1 | 63.7 | 62.8 | 63.4 | 64.1 | 65.3 | 1507.4 | 62.81 | |
| 22 D | 62.2 | 60.0 | 54.3 | 56.8 | 56.7 | 58.0 | 62.2 | 66.4 | 62.4 | 63.2 | 62.8 | 62.7 | 62.2 | 61.8 | 62.7 | 63.1 | 63.8 | 64.8 | 64.6 | 64.6 | 66.7 | 66.3 | 64.9 | 61.8 | 1495.0 | 62.29 | |
| 23 | 58.1 | 60.3 | 59.2 | 57.2 | 60.3 | 61.9 | 63.9 | 62.8 | 64.6 | 64.3 | 64.2 | 65.5 | 63.3 | 63.1 | 62.6 | 63.8 | 64.2 | 64.8 | 65.5 | 64.0 | 63.9 | 63.6 | 63.3 | 62.5 | 1506.9 | 62.79 | |
| 24 | 62.5 | 61.4 | 61.6 | 58.4 | 58.8 | 60.5 | 62.4 | 66.1 | 61.8 | 61.5 | 63.9 | 64.5 | 64.3 | 65.6 | 65.6 | 65.8 | 65.6 | 66.4 | 65.0 | 64.6 | 63.7 | 63.6 | 61.0 | 63.0 | 1517.6 | 63.23 | |
| 25 | 58.4 | 60.6 | 61.8 | 62.5 | 61.4 | 62.6 | 61.5 | 63.2 | 65.0 | 64.1 | 63.1 | 62.6 | 62.3 | 62.3 | 63.0 | 63.9 | 64.7 | 64.9 | 64.5 | 64.6 | 63.2 | 60.3 | 62.2 | 61.9 | 1504.6 | 62.69 | |
| 26 | 61.5 | 62.1 | 62.7 | 61.8 | 62.0 | 62.9 | 62.8 | 62.4 | 63.4 | 63.5 | 63.0 | 63.3 | 64.0 | 63.2 | 62.7 | 63.2 | 64.2 | 64.6 | 64.5 | 63.9 | 63.2 | 63.0 | 62.9 | 63.2 | 1514.0 | 63.08 | |
| 27 | 62.3 | 61.0 | 62.0 | 61.6 | 62.1 | 63.1 | 62.7 | 62.6 | 62.5 | 62.6 | 62.4 | 62.2 | 61.9 | 61.4 | 61.8 | 62.9 | 63.9 | 64.6 | 64.6 | 64.2 | 63.7 | 63.2 | 63.0 | 62.7 | 1505.0 | 62.71 | |
| 28 C | 62.8 | 62.7 | 61.9 | 60.6 | 62.1 | 61.8 | 62.1 | 61.9 | 62.3 | 62.1 | 61.8 | 61.4 | 61.0 | 60.8 | 61.8 | 63.1 | 64.2 | 64.9 | 64.8 | 63.7 | 63.0 | 62.7 | 62.6 | 62.7 | 1498.8 | 62.45 | |
| 29 | 62.7 | 62.6 | 62.1 | 60.7 | 60.3 | 58.3 | 55.7 | 57.3 | 60.6 | 59.1 | 59.7 | 61.0 | 61.1 | 61.1 | 62.1 | 63.2 | 64.1 | 65.0 | 65.2 | 65.5 | 64.9 | 64.9 | 65.9 | 64.6 | 1487.7 | 61.99 | |
| 30 | 62.6 | 60.4 | 61.4 | 61.4 | 61.8 | 61.7 | 58.6 | 59.7 | 62.1 | 62.8 | 63.1 | 62.7 | 63.5 | 64.1 | 64.4 | 64.9 | 65.4 | 66.1 | 66.3 | 64.9 | 64.5 | 63.8 | 63.5 | 63.0 | 1512.7 | 63.03 | |
| 31 D | 61.5 | 53.8 | 53.7 | 52.2 | 45.4 | 52.3 | 50.3 | 57.8 | 62.2 | 61.8 | 59.4 | 61.4 | 64.2 | 66.3 | 65.0 | 64.5 | 65.1 | 65.8 | 66.2 | 65.7 | 64.3 | 63.2 | 63.8 | 63.8 | 1449.7 | 60.44 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 46647.3 | | |
| 1000+ | 914.0 | 897.1 | 880.2 | 885.6 | 881.3 | 878.1 | 880.8 | 912.0 | 941.5 | 944.4 | 946.2 | 949.2 | 954.8 | 954.6 | 958.9 | 979.1 | | | | | 996.3 | 979.7 | 969.3 | 954.2 | 956.9 | | |
| 2000+ | | | | | | | | | | | | | | | | | 002.8 | 016.1 | 014.2 | | | | | | | | |
| Mean. | 61.74 | 61.20 | 60.65 | 60.83 | 60.69 | 60.58 | 60.67 | 61.68 | 62.63 | 62.72 | 62.78 | 62.88 | 63.06 | 63.05 | 63.19 | 63.84 | 64.61 | 65.04 | 64.97 | 64.40 | 63.86 | 63.53 | 63.04 | 63.13 | | 62.70 | |

Horizontal component, H, 23000 gammas + tabulated value

August 1962

| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | D | 361 | 339 | 313 | 335 | 352 | 338 | 335 | 331 | 348 | 348 | 370 | 363 | 348 | 344 | 341 | 344 | 340 | 346 | 348 | 342 | 333 | 339 | 331 | 336 | 8225 | 342.7 |
| 02 | | 332 | 340 | 345 | 349 | 366 | 352 | 349 | 350 | 351 | 351 | 353 | 350 | 354 | 356 | 349 | 343 | 341 | 348 | 352 | 348 | 351 | 350 | 352 | 353 | 8385 | 349.4 |
| 03 | | 352 | 348 | 350 | 350 | 355 | 349 | 353 | 353 | 355 | 355 | 357 | 355 | 345 | 351 | 348 | 345 | 348 | 349 | 355 | 355 | 349 | 347 | 352 | 352 | 8418 | 350.8 |
| 04 | | 353 | 354 | 351 | 357 | 355 | 352 | 351 | 355 | 359 | 353 | 354 | 355 | 360 | 356 | 354 | 352 | 349 | 349 | 356 | 355 | 353 | 354 | 352 | 352 | 8491 | 353.8 |
| 05 | | 351 | 352 | 358 | 355 | 354 | 354 | 356 | 361 | 360 | 356 | 355 | 356 | 367 | 357 | 355 | 352 | 351 | 350 | 355 | 361 | 361 | 356 | 356 | 356 | 8543 | 356.0 |
| 06 | | 361 | 353 | 351 | 354 | 361 | 356 | 356 | 338 | 346 | 350 | 351 | 358 | 360 | 358 | 367 | 351 | 350 | 354 | 359 | 359 | 353 | 341 | 335 | 337 | 8459 | 352.5 |
| 07 | | 338 | 346 | 347 | 352 | 358 | 343 | 352 | 353 | 351 | 351 | 358 | 355 | 354 | 350 | 349 | 343 | 341 | 334 | 333 | 350 | 353 | 343 | 342 | 355 | 8351 | 348.0 |
| 08 | D | 347 | 325 | 320 | 341 | 340 | 354 | 358 | 348 | 352 | 363 | 349 | 354 | 346 | 343 | 336 | 345 | 341 | 352 | 354 | 358 | 357 | 351 | 334 | 345 | 8313 | 346.4 |
| 09 | | 342 | 332 | 341 | 337 | 349 | 351 | 362 | 355 | 345 | 349 | 345 | 357 | 353 | 342 | 345 | 341 | 342 | 349 | 353 | 353 | 348 | 344 | 349 | 339 | 8323 | 346.8 |
| 10 | | 344 | 350 | 347 | 355 | 353 | 343 | 346 | 356 | 363 | 354 | 348 | 357 | 343 | 347 | 345 | 342 | 332 | 339 | 350 | 353 | 355 | 353 | 352 | 350 | 8377 | 349.0 |
| 11 | Q | 350 | 350 | 347 | 351 | 353 | 353 | 354 | 353 | 354 | 355 | 357 | 358 | 355 | 351 | 348 | 345 | 349 | 350 | 354 | 354 | 355 | 355 | 355 | 355 | 8461 | 352.5 |
| 12 | Q | 355 | 356 | 355 | 357 | 357 | 358 | 360 | 359 | 360 | 363 | 364 | 362 | 359 | 350 | 345 | 345 | 345 | 345 | 355 | 358 | 359 | 356 | 356 | 356 | 8535 | 355.6 |
| 13 | Q | 356 | 358 | 358 | 358 | 360 | 359 | 361 | 359 | 363 | 364 | 365 | 365 | 363 | 355 | 347 | 344 | 348 | 352 | 359 | 365 | 367 | 364 | 363 | 346 | 8599 | 358.3 |
| 14 | | 362 | 363 | 360 | 359 | 363 | 358 | 359 | 361 | 364 | 368 | 370 | 372 | 372 | 368 | 362 | 360 | 359 | 358 | 362 | 356 | 350 | 352 | 347 | 342 | 8647 | 360.3 |
| 15 | | 351 | 347 | 345 | 354 | 361 | 351 | 343 | 350 | 354 | 353 | 355 | 355 | 355 | 348 | 343 | 342 | 341 | 334 | 346 | 353 | 347 | 322 | 327 | 310 | 8287 | 345.3 |
| 16 | | 331 | 295 | 311 | 336 | 347 | 347 | 343 | 359 | 346 | 349 | 350 | 354 | 350 | 347 | 346 | 344 | 346 | 349 | 351 | 336 | 333 | 329 | 324 | 307 | 8130 | 338.8 |
| 17 | D | 303 | 335 | 346 | 354 | 346 | 356 | 363 | 356 | 356 | 355 | 350 | 355 | 348 | 348 | 337 | 322 | 320 | 338 | 343 | 335 | 345 | 334 | 315 | 333 | 8193 | 341.4 |
| 18 | | 341 | 342 | 342 | 349 | 354 | 355 | 370 | 341 | 356 | 345 | 349 | 353 | 354 | 347 | 335 | 335 | 326 | 325 | 333 | 344 | 346 | 339 | 339 | 344 | 8264 | 344.3 |
| 19 | | 357 | 358 | 347 | 356 | 353 | 339 | 355 | 355 | 348 | 352 | 353 | 353 | 351 | 345 | 332 | 329 | 335 | 340 | 340 | 347 | 345 | 342 | 340 | 348 | 8320 | 346.7 |
| 20 | Q | 349 | 351 | 357 | 354 | 354 | 354 | 353 | 351 | 351 | 354 | 355 | 358 | 354 | 343 | 337 | 339 | 343 | 346 | 350 | 357 | 359 | 357 | 355 | 349 | 8430 | 351.3 |
| 21 | | 339 | 351 | 352 | 354 | 355 | 356 | 356 | 357 | 360 | 362 | 363 | 364 | 363 | 356 | 349 | 347 | 349 | 356 | 361 | 367 | 364 | 360 | 350 | 331 | 8517 | 354.9 |
| 22 | D | 313 | 320 | 301 | 345 | 347 | 339 | 343 | 381 | 360 | 392 | 355 | 359 | 361 | 350 | 340 | 337 | 338 | 342 | 350 | 350 | 323 | 319 | 333 | 343 | 8249 | 343.7 |
| 23 | | 351 | 330 | 363 | 350 | 353 | 355 | 360 | 354 | 351 | 352 | 353 | 356 | 360 | 347 | 332 | 328 | 329 | 338 | 339 | 349 | 351 | 352 | 349 | 344 | 8346 | 347.8 |
| 24 | | 344 | 340 | 364 | 356 | 351 | 349 | 360 | 354 | 378 | 357 | 349 | 349 | 351 | 319 | 338 | 336 | 332 | 328 | 340 | 351 | 343 | 338 | 321 | 338 | 8286 | 345.3 |
| 25 | | 351 | 344 | 341 | 364 | 363 | 365 | 356 | 351 | 351 | 352 | 357 | 354 | 348 | 343 | 338 | 335 | 336 | 328 | 342 | 346 | 341 | 326 | 338 | 349 | 8309 | 346.2 |
| 26 | | 342 | 347 | 356 | 360 | 354 | 359 | 366 | 357 | 356 | 356 | 360 | 353 | 350 | 346 | 341 | 341 | 343 | 347 | 355 | 357 | 357 | 355 | 354 | 352 | 8464 | 352.7 |
| 27 | | 356 | 355 | 356 | 356 | 354 | 344 | 360 | 360 | 361 | 359 | 359 | 358 | 356 | 349 | 346 | 343 | 345 | 347 | 351 | 356 | 355 | 356 | 356 | 354 | 8512 | 354.7 |
| 28 | Q | 356 | 359 | 358 | 360 | 361 | 361 | 363 | 365 | 365 | 364 | 365 | 367 | 364 | 356 | 347 | 344 | 347 | 352 | 359 | 362 | 362 | 361 | 361 | 362 | 8621 | 359.2 |
| 29 | | 361 | 361 | 360 | 363 | 373 | 370 | 361 | 347 | 361 | 361 | 365 | 361 | 364 | 360 | 351 | 343 | 349 | 347 | 354 | 356 | 329 | 319 | 317 | 322 | 8455 | 352.3 |
| 30 | | 340 | 346 | 345 | 347 | 343 | 349 | 351 | 344 | 351 | 348 | 351 | 356 | 350 | 343 | 323 | 336 | 338 | 342 | 334 | 343 | 345 | 344 | 349 | 357 | 8275 | 344.8 |
| 31 | D | 352 | 360 | 323 | 332 | 315 | 327 | 326 | 330 | 337 | 345 | 350 | 347 | 340 | 350 | 336 | 330 | 328 | 328 | 330 | 333 | 330 | 334 | 339 | 338 | 8060 | 335.8 |
| Sum. | | 10741 | 10707 | 10718 | 10900 | 10960 | 10906 | 10981 | 10944 | 11013 | 11036 | 11035 | 11069 | 10998 | 10825 | 10662 | 10583 | 10581 | 10662 | 10823 | 10908 | 10818 | 10682 | 10643 | 10655 | 259850 | |
| Mean. | | 346.5 | 345.4 | 345.7 | 351.6 | 353.5 | 351.8 | 354.2 | 353.0 | 355.3 | 356.0 | 356.0 | 357.1 | 354.8 | 349.2 | 343.9 | 341.4 | 341.3 | 343.9 | 349.1 | 351.9 | 349.0 | 344.6 | 343.3 | 343.7 | | 349.3 |

Vertical component, Z, - (36000 + tabulated values) gammas

August 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 D | 408 | 404 | 395 | 415 | 390 | 375 | 384 | 377 | 384 | 361 | 361 | 392 | 397 | 401 | 403 | 408 | 413 | 416 | 417 | 415 | 413 | 415 | 413 | 412 | 9569 | 398.7 | |
| 02 | 413 | 417 | 419 | 417 | 411 | 402 | 408 | 410 | 410 | 410 | 410 | 408 | 408 | 408 | 408 | 406 | 406 | 409 | 413 | 413 | 413 | 413 | 413 | 413 | 9858 | 410.8 | |
| 03 | 412 | 411 | 412 | 411 | 404 | 399 | 402 | 406 | 408 | 408 | 408 | 406 | 401 | 407 | 408 | 406 | 407 | 408 | 413 | 413 | 415 | 408 | 414 | 413 | 9800 | 408.3 | |
| 04 | 413 | 415 | 411 | 409 | 408 | 406 | 404 | 404 | 403 | 404 | 407 | 408 | 409 | 408 | 406 | 402 | 402 | 405 | 409 | 409 | 410 | 409 | 409 | 409 | 9777 | 407.3 | |
| 05 | 409 | 410 | 408 | 405 | 405 | 404 | 404 | 398 | 401 | 404 | 400 | 399 | 405 | 405 | 405 | 404 | 403 | 403 | 404 | 409 | 409 | 409 | 408 | 408 | 9719 | 405.0 | |
| 06 | 409 | 408 | 406 | 410 | 411 | 400 | 384 | 383 | 394 | 399 | 403 | 406 | 400 | 401 | 407 | 400 | 401 | 405 | 406 | 408 | 406 | 404 | 406 | 412 | 9669 | 402.9 | |
| 07 | 409 | 407 | 410 | 408 | 402 | 397 | 402 | 408 | 404 | 404 | 406 | 401 | 402 | 402 | 405 | 403 | 400 | 398 | 402 | 415 | 415 | 413 | 413 | 416 | 9742 | 405.9 | |
| 08 D | 413 | 404 | 401 | 409 | 410 | 402 | 397 | 393 | 371 | 382 | 398 | 404 | 400 | 399 | 400 | 406 | 404 | 408 | 409 | 412 | 412 | 410 | 406 | 414 | 9664 | 402.7 | |
| 09 | 420 | 413 | 407 | 414 | 417 | 411 | 390 | 394 | 398 | 404 | 406 | 415 | 412 | 409 | 410 | 410 | 408 | 411 | 413 | 415 | 413 | 412 | 415 | 413 | 9830 | 409.6 | |
| 10 | 413 | 414 | 414 | 409 | 400 | 402 | 406 | 402 | 397 | 402 | 403 | 408 | 406 | 413 | 412 | 409 | 405 | 412 | 417 | 419 | 419 | 417 | 416 | 415 | 9830 | 409.6 | |
| 11 | 414 | 414 | 413 | 412 | 412 | 412 | 412 | 411 | 412 | 412 | 412 | 412 | 413 | 412 | 410 | 408 | 409 | 411 | 415 | 415 | 415 | 414 | 412 | 411 | 9893 | 412.2 | |
| 12 | 411 | 411 | 410 | 410 | 409 | 408 | 406 | 407 | 407 | 409 | 410 | 410 | 410 | 409 | 408 | 406 | 405 | 408 | 413 | 414 | 414 | 412 | 412 | 411 | 9830 | 409.6 | |
| 13 | 412 | 412 | 411 | 410 | 410 | 408 | 408 | 407 | 408 | 409 | 409 | 408 | 410 | 408 | 404 | 402 | 404 | 407 | 411 | 414 | 412 | 409 | 407 | 403 | 9803 | 408.5 | |
| 14 | 410 | 409 | 408 | 400 | 398 | 402 | 405 | 406 | 407 | 407 | 408 | 407 | 406 | 406 | 403 | 401 | 401 | 405 | 405 | 405 | 403 | 405 | 407 | 409 | 9719 | 405.0 | |
| 15 | 411 | 411 | 407 | 411 | 403 | 346 | 356 | 383 | 372 | 397 | 406 | 410 | 411 | 410 | 409 | 407 | 405 | 403 | 412 | 416 | 414 | 405 | 410 | 411 | 9626 | 401.1 | |
| 16 | 415 | 413 | 416 | 424 | 419 | 403 | 388 | 394 | 410 | 414 | 414 | 414 | 414 | 414 | 410 | 408 | 409 | 410 | 412 | 406 | 407 | 413 | 414 | 412 | 9853 | 410.5 | |
| 17 D | 414 | 420 | 414 | 409 | 412 | 413 | 401 | 391 | 397 | 400 | 409 | 410 | 406 | 413 | 413 | 403 | 402 | 412 | 412 | 409 | 417 | 415 | 409 | 416 | 9817 | 409.0 | |
| 18 | 418 | 414 | 412 | 409 | 404 | 375 | 350 | 371 | 395 | 398 | 408 | 411 | 414 | 411 | 406 | 406 | 400 | 400 | 410 | 417 | 419 | 414 | 415 | 416 | 9693 | 403.9 | |
| 19 | 411 | 408 | 407 | 400 | 391 | 382 | 387 | 390 | 388 | 399 | 399 | 408 | 412 | 412 | 406 | 406 | 408 | 409 | 410 | 414 | 414 | 412 | 412 | 412 | 9697 | 404.0 | |
| 20 | 412 | 412 | 411 | 408 | 408 | 408 | 408 | 408 | 407 | 407 | 409 | 410 | 409 | 405 | 401 | 402 | 403 | 403 | 407 | 412 | 412 | 412 | 410 | 408 | 9792 | 408.0 | |
| 21 | 405 | 410 | 409 | 409 | 409 | 407 | 407 | 407 | 408 | 409 | 409 | 409 | 409 | 408 | 405 | 402 | 402 | 405 | 408 | 410 | 410 | 406 | 404 | 405 | 9772 | 407.2 | |
| 22 D | 412 | 413 | 410 | 408 | 398 | 406 | 403 | 376 | 376 | 402 | 405 | 413 | 415 | 410 | 406 | 405 | 405 | 406 | 409 | 411 | 403 | 409 | 417 | 421 | 9739 | 405.8 | |
| 23 | 410 | 411 | 404 | 390 | 403 | 401 | 398 | 394 | 396 | 408 | 408 | 411 | 415 | 409 | 404 | 402 | 404 | 408 | 407 | 414 | 414 | 413 | 411 | 411 | 9746 | 406.1 | |
| 24 | 412 | 412 | 410 | 396 | 398 | 402 | 402 | 374 | 390 | 394 | 397 | 404 | 404 | 396 | 408 | 406 | 403 | 402 | 411 | 419 | 417 | 412 | 408 | 416 | 9693 | 403.9 | |
| 25 | 414 | 404 | 409 | 401 | 394 | 399 | 399 | 399 | 401 | 405 | 408 | 408 | 408 | 408 | 405 | 405 | 404 | 400 | 410 | 414 | 412 | 407 | 414 | 413 | 9741 | 405.9 | |
| 26 | 408 | 412 | 412 | 408 | 407 | 405 | 396 | 400 | 401 | 402 | 404 | 403 | 404 | 406 | 406 | 406 | 406 | 408 | 411 | 412 | 412 | 409 | 407 | 406 | 9751 | 406.3 | |
| 27 | 408 | 406 | 407 | 406 | 406 | 402 | 399 | 400 | 402 | 404 | 405 | 404 | 404 | 401 | 398 | 398 | 399 | 403 | 406 | 406 | 406 | 407 | 406 | 405 | 9688 | 403.7 | |
| 28 | 406 | 408 | 406 | 403 | 404 | 404 | 405 | 404 | 403 | 402 | 402 | 403 | 401 | 396 | 391 | 390 | 395 | 400 | 404 | 406 | 406 | 405 | 404 | 403 | 9651 | 402.1 | |
| 29 | 403 | 403 | 403 | 403 | 403 | 384 | 374 | 379 | 398 | 396 | 394 | 394 | 397 | 394 | 390 | 390 | 395 | 394 | 399 | 404 | 399 | 402 | 408 | 414 | 9520 | 396.7 | |
| 30 | 418 | 415 | 411 | 410 | 406 | 399 | 394 | 397 | 405 | 404 | 406 | 405 | 400 | 396 | 390 | 402 | 402 | 402 | 401 | 409 | 410 | 410 | 411 | 414 | 9717 | 404.9 | |
| 31 D | 413 | 403 | 393 | 397 | 390 | 417 | 359 | 374 | 369 | 384 | 392 | 399 | 396 | 399 | 400 | 403 | 402 | 402 | 404 | 408 | 410 | 412 | 412 | 411 | 9549 | 397.9 | |
| Sum. | 12756 | 12722 | 12666 | 12631 | 12542 | 12381 | 12238 | 12247 | 12322 | 12440 | 12516 | 12600 | 12598 | 12576 | 12537 | 12512 | 12512 | 12569 | 12680 | 12763 | 12751 | 12713 | 12723 | 12753 | 301748 | | |
| Mean. | 411.5 | 410.4 | 408.6 | 407.5 | 404.6 | 399.4 | 394.8 | 395.1 | 397.5 | 401.3 | 403.7 | 406.5 | 406.4 | 405.7 | 404.4 | 403.6 | 403.6 | 405.5 | 409.0 | 411.7 | 411.3 | 410.1 | 410.4 | 411.4 | | 405.6 | |

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 62.3 | 61.9 | 61.2 | 62.6 | 62.2 | 60.8 | 58.9 | 58.5 | 61.5 | 58.0 | 62.6 | 63.0 | 61.6 | 62.3 | 63.0 | 66.6 | 67.7 | 68.7 | 68.4 | 65.7 | 63.7 | 65.2 | 66.0 | 64.1 | 1516.5 | 63.19 | | |
| 2 D | 63.4 | 67.8 | 64.8 | 52.9 | 54.5 | 55.0 | 61.7 | 59.6 | 59.5 | 66.4 | 62.6 | 63.3 | 63.8 | 66.9 | 63.2 | 68.1 | 66.9 | 68.0 | 69.0 | 67.7 | 65.0 | 64.6 | 64.1 | 62.6 | 1518.4 | 63.27 | | |
| 3 D | 63.1 | 62.6 | 57.7 | 56.3 | 60.0 | 61.4 | 61.8 | 62.9 | 64.3 | 63.1 | 64.0 | 63.9 | 62.2 | 62.8 | 64.4 | 65.8 | 66.9 | 66.5 | 67.7 | 68.4 | 66.0 | 65.5 | 62.3 | 64.8 | 1516.4 | 63.18 | | |
| 4 D | 60.2 | 63.8 | 60.0 | 60.4 | 56.8 | 60.8 | 61.8 | 64.1 | 61.9 | 65.7 | 68.9 | 68.6 | 66.4 | 63.8 | 64.1 | 65.6 | 66.2 | 66.8 | 66.8 | 65.1 | 61.2 | 60.2 | 61.2 | 63.7 | 1524.1 | 63.50 | | |
| 5 | 63.3 | 63.4 | 63.0 | 61.0 | 60.7 | 60.2 | 59.1 | 60.9 | 60.8 | 64.3 | 62.2 | 62.6 | 62.6 | 62.2 | 64.4 | 67.9 | 68.3 | 69.3 | 68.5 | 67.3 | 65.5 | 65.1 | 64.5 | 63.8 | 1530.9 | 63.79 | | |
| 6 | 58.5 | 61.9 | 62.4 | 61.3 | 58.3 | 58.0 | 52.8 | 57.2 | 61.9 | 62.4 | 62.4 | 63.1 | 64.1 | 63.5 | 64.7 | 65.4 | 66.0 | 67.0 | 67.4 | 67.3 | 65.2 | 64.6 | 65.4 | 65.6 | 1506.4 | 62.77 | | |
| 7 | 61.7 | 63.4 | 62.1 | 60.0 | 60.3 | 60.8 | 61.4 | 61.4 | 61.5 | 59.4 | 60.7 | 62.6 | 62.6 | 63.8 | 64.6 | 64.7 | 65.6 | 66.2 | 66.3 | 66.4 | 65.7 | 64.7 | 64.1 | 64.0 | 1513.7 | 63.07 | | |
| 8 | 63.4 | 63.2 | 57.8 | 59.1 | 60.5 | 62.7 | 62.7 | 60.9 | 55.8 | 58.1 | 61.1 | 62.8 | 61.5 | 62.4 | 63.2 | 64.3 | 65.3 | 66.4 | 66.7 | 66.0 | 65.2 | 64.4 | 63.7 | 63.5 | 1500.7 | 62.53 | | |
| 9 | 61.4 | 61.7 | 62.1 | 62.1 | 60.6 | 61.3 | 62.3 | 62.7 | 62.7 | 62.6 | 61.9 | 61.8 | 64.0 | 63.1 | 63.4 | 65.1 | 66.4 | 66.9 | 67.3 | 68.1 | 65.6 | 65.0 | 62.2 | 63.7 | 1524.8 | 63.53 | | |
| 10 | 63.9 | 62.9 | 61.5 | 58.7 | 57.4 | 59.0 | 58.7 | 61.8 | 63.5 | 63.9 | 64.6 | 62.0 | 61.5 | 62.0 | 62.9 | 64.2 | 65.6 | 66.4 | 66.8 | 65.9 | 64.5 | 63.9 | 63.6 | 63.6 | 1508.9 | 62.87 | | |
| 11 | 63.3 | 61.9 | 61.6 | 62.6 | 62.7 | 62.6 | 62.3 | 62.3 | 62.0 | 64.1 | 66.5 | 63.1 | 61.9 | 61.8 | 62.5 | 63.8 | 65.0 | 66.0 | 66.1 | 65.5 | 64.8 | 64.4 | 64.3 | 63.9 | 1525.0 | 63.54 | | |
| 12 D | 63.3 | 63.0 | 62.5 | 61.9 | 61.4 | 61.3 | 59.1 | 67.2 | 53.2 | 58.1 | 67.7 | 64.1 | 63.2 | 63.5 | 64.2 | 65.3 | 68.0 | 70.1 | 73.4 | 72.5 | 70.4 | 66.3 | 65.5 | 56.5 | 1542.0 | 64.25 | | |
| 13 | 58.6 | 62.0 | 63.2 | 63.7 | 63.9 | 64.0 | 62.5 | 60.8 | 63.4 | 64.1 | 63.2 | 63.1 | 63.1 | 63.0 | 63.8 | 65.2 | 66.6 | 69.1 | 69.3 | 69.2 | 63.9 | 55.0 | 64.1 | 64.0 | 1538.8 | 64.12 | | |
| 14 | 63.6 | 58.5 | 60.1 | 61.4 | 62.3 | 61.2 | 62.4 | 64.7 | 53.5 | 62.4 | 62.2 | 61.5 | 61.3 | 61.5 | 62.6 | 64.3 | 65.8 | 66.8 | 67.2 | 66.0 | 64.8 | 63.2 | 62.3 | 62.7 | 1512.3 | 63.01 | | |
| 15 | 61.5 | 60.3 | 62.1 | 60.5 | 58.1 | 61.0 | 62.8 | 62.7 | 61.4 | 61.7 | 61.9 | 62.0 | 61.5 | 61.4 | 61.5 | 62.6 | 64.1 | 65.9 | 67.0 | 67.7 | 66.0 | 64.3 | 63.8 | 62.1 | 1503.9 | 62.66 | | |
| 16 | 60.9 | 62.6 | 63.2 | 62.7 | 61.8 | 62.2 | 62.7 | 62.7 | 62.3 | 62.0 | 62.4 | 61.8 | 62.4 | 63.1 | 62.7 | 63.8 | 64.9 | 66.0 | 66.2 | 66.1 | 64.1 | 61.0 | 63.8 | 63.8 | 1515.2 | 63.13 | | |
| 17 Q | 61.8 | 62.6 | 63.0 | 62.7 | 62.5 | 63.1 | 62.7 | 52.0 | 61.3 | 61.9 | 61.8 | 61.0 | 60.4 | 61.2 | 61.8 | 62.7 | 64.9 | 66.0 | 66.9 | 66.0 | 64.6 | 63.7 | 62.3 | 59.5 | 1507.0 | 62.79 | | |
| 18 Q | 61.7 | 62.6 | 62.5 | 62.4 | 62.1 | 62.2 | 62.6 | 62.6 | 62.4 | 61.3 | 61.8 | 61.8 | 61.2 | 61.0 | 61.0 | 63.0 | 64.1 | 65.0 | 65.7 | 65.4 | 64.4 | 63.5 | 63.5 | 62.7 | 1507.8 | 62.83 | | |
| 19 D | 63.8 | 62.3 | 60.6 | 60.4 | 58.2 | 52.2 | 52.2 | 54.7 | 61.8 | 64.3 | 63.2 | 63.2 | 62.8 | 62.1 | 63.0 | 64.1 | 66.3 | 66.2 | 68.4 | 63.8 | 65.1 | 63.5 | 61.5 | 53.0 | 1478.7 | 61.61 | | |
| 20 | 52.1 | 58.5 | 62.7 | 63.4 | 62.8 | 62.7 | 62.8 | 63.9 | 63.6 | 64.1 | 63.0 | 63.5 | 62.3 | 62.0 | 62.8 | 63.8 | 64.7 | 66.0 | 66.4 | 66.4 | 65.6 | 64.6 | 63.7 | 63.2 | 1514.6 | 63.11 | | |
| 21 | 63.0 | 63.3 | 62.4 | 62.5 | 62.6 | 60.7 | 62.7 | 61.4 | 61.9 | 62.0 | 61.9 | 61.8 | 61.3 | 61.4 | 63.9 | 65.4 | 67.7 | 66.9 | 67.3 | 67.0 | 66.5 | 64.8 | 63.5 | 62.7 | 1524.6 | 63.53 | | |
| 22 | 60.3 | 60.5 | 59.8 | 56.9 | 59.1 | 60.8 | 61.2 | 62.0 | 64.2 | 62.6 | 62.6 | 63.1 | 61.9 | 61.8 | 64.2 | 64.5 | 66.5 | 67.4 | 67.7 | 67.2 | 61.9 | 63.0 | 63.3 | 63.3 | 1505.8 | 62.74 | | |
| 23 | 62.6 | 60.3 | 60.4 | 60.3 | 60.3 | 61.5 | 61.4 | 62.6 | 64.2 | 62.9 | 63.4 | 64.1 | 62.2 | 61.8 | 62.5 | 64.1 | 65.9 | 67.0 | 67.2 | 66.0 | 64.5 | 63.2 | 63.1 | 62.3 | 1513.8 | 63.08 | | |
| 24 Q | 62.1 | 61.5 | 61.4 | 60.8 | 62.9 | 62.6 | 62.3 | 62.2 | 61.5 | 61.8 | 61.6 | 61.3 | 60.4 | 60.4 | 61.3 | 62.6 | 64.6 | 66.3 | 66.8 | 66.0 | 65.1 | 64.0 | 63.9 | 63.5 | 1506.9 | 62.79 | | |
| 25 Q | 63.2 | 63.2 | 63.1 | 62.9 | 62.4 | 61.8 | 61.5 | 61.6 | 61.4 | 60.7 | 60.1 | 59.8 | 59.5 | 59.9 | 61.3 | 63.3 | 65.7 | 66.3 | 66.0 | 65.1 | 64.2 | 64.0 | 63.8 | 64.3 | 1505.1 | 62.71 | | |
| 26 | 64.9 | 60.4 | 56.7 | 57.7 | 58.4 | 59.4 | 61.2 | 61.4 | 63.5 | 62.4 | 61.3 | 60.7 | 61.2 | 60.9 | 62.2 | 63.8 | 67.2 | 66.1 | 66.8 | 67.9 | 66.9 | 65.0 | 64.8 | 63.7 | 1504.5 | 62.69 | | |
| 27 | 61.9 | 58.7 | 60.3 | 61.5 | 61.8 | 61.8 | 61.3 | 61.4 | 62.9 | 62.6 | 62.5 | 62.2 | 61.7 | 61.4 | 62.3 | 64.6 | 66.9 | 65.1 | 66.8 | 65.6 | 64.6 | 63.8 | 63.3 | 63.2 | 1508.2 | 62.84 | | |
| 28 Q | 63.3 | 63.4 | 61.7 | 60.6 | 62.3 | 62.6 | 62.3 | 62.3 | 62.3 | 62.1 | 61.4 | 60.4 | 60.4 | 59.5 | 61.4 | 63.1 | 65.1 | 67.6 | 66.4 | 66.1 | 64.5 | 64.1 | 63.7 | 62.1 | 1508.7 | 62.86 | | |
| 29 | 63.3 | 63.6 | 62.8 | 62.0 | 60.5 | 58.8 | 59.2 | 59.3 | 59.2 | 58.3 | 58.8 | 61.0 | 60.7 | 61.9 | 64.4 | 66.0 | 67.3 | 68.2 | 69.9 | 69.2 | 69.5 | 67.2 | 67.2 | 66.3 | 1525.0 | 63.54 | | |
| 30 | 64.4 | 64.9 | 62.6 | 62.1 | 60.9 | 58.8 | 58.1 | 58.0 | 57.6 | 58.2 | 58.0 | 57.6 | 59.2 | 62.2 | 63.7 | 65.2 | 66.4 | 67.0 | 67.0 | 66.8 | 65.3 | 64.5 | 63.8 | 63.2 | 1495.5 | 62.31 | | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 45404.2 | | | |
| 1000- | 860.8 | 866.7 | 842.3 | 823.4 | 818.7 | 821.3 | 824.5 | 845.5 | 847.6 | 862.1 | 876.3 | 870.8 | 858.9 | 864.6 | 891.8 | 938.7 | 982.6 | | | | | | | | 954.4 | 929.0 | 912.3 | 877.9 |
| 2000+ | | | | | | | | | | | | | | | | | | | | | | | | | | 007.2 | 025.4 | 003.4 |
| Mean. | 62.03 | 62.22 | 61.41 | 60.78 | 60.62 | 60.71 | 60.82 | 61.52 | 61.59 | 62.07 | 62.54 | 62.36 | 61.96 | 62.15 | 63.06 | 64.62 | 66.09 | 66.91 | 67.51 | 66.78 | 65.15 | 64.30 | 63.74 | 62.60 | | | | 63.06 |

Horizontal component, E, 23000 gammas + tabulated value

September 1962

| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | | 340 | 344 | 347 | 349 | 350 | 346 | 357 | 360 | 356 | 336 | 340 | 343 | 348 | 338 | 331 | 319 | 324 | 301 | 325 | 344 | 338 | 324 | 338 | 341 | 8147 | 339.5 |
| 02 D | | 347 | 347 | 359 | 373 | 345 | 328 | 342 | 363 | 331 | 353 | 360 | 350 | 335 | 328 | 329 | 324 | 335 | 333 | 327 | 334 | 315 | 334 | 334 | 349 | 8175 | 340.6 |
| 03 D | | 348 | 345 | 348 | 334 | 331 | 344 | 338 | 337 | 341 | 348 | 338 | 359 | 358 | 346 | 325 | 333 | 341 | 343 | 338 | 305 | 344 | 325 | 316 | 329 | 8114 | 338.1 |
| 04 D | | 308 | 331 | 343 | 371 | 330 | 331 | 348 | 358 | 335 | 333 | 338 | 361 | 347 | 333 | 315 | 311 | 301 | 331 | 338 | 332 | 331 | 330 | 335 | 342 | 8033 | 334.7 |
| 05 | | 348 | 348 | 347 | 347 | 345 | 343 | 339 | 343 | 342 | 349 | 351 | 342 | 342 | 338 | 330 | 303 | 308 | 322 | 333 | 339 | 344 | 342 | 344 | 339 | 8128 | 338.7 |
| 06 | | 322 | 332 | 334 | 329 | 334 | 343 | 351 | 342 | 341 | 338 | 335 | 323 | 334 | 337 | 334 | 330 | 325 | 327 | 329 | 332 | 326 | 316 | 322 | 330 | 7966 | 331.9 |
| 07 | | 340 | 344 | 347 | 348 | 335 | 341 | 344 | 344 | 354 | 351 | 341 | 335 | 338 | 333 | 331 | 329 | 331 | 335 | 338 | 338 | 339 | 344 | 345 | 344 | 8169 | 340.4 |
| 08 | | 339 | 350 | 330 | 321 | 334 | 342 | 343 | 347 | 362 | 338 | 333 | 334 | 337 | 331 | 326 | 323 | 326 | 334 | 336 | 340 | 342 | 345 | 347 | 346 | 8106 | 337.8 |
| 09 | | 346 | 340 | 340 | 347 | 355 | 360 | 351 | 347 | 348 | 351 | 352 | 347 | 349 | 345 | 333 | 325 | 321 | 325 | 334 | 334 | 334 | 338 | 338 | 337 | 8197 | 341.5 |
| 10 | | 329 | 338 | 338 | 351 | 348 | 353 | 355 | 356 | 356 | 353 | 352 | 351 | 348 | 338 | 331 | 328 | 329 | 331 | 338 | 347 | 348 | 349 | 351 | 355 | 8273 | 344.7 |
| 11 | | 356 | 346 | 352 | 356 | 355 | 355 | 361 | 360 | 357 | 347 | 355 | 356 | 357 | 337 | 328 | 325 | 326 | 332 | 341 | 351 | 361 | 359 | 356 | 360 | 8389 | 349.5 |
| 12 D | | 365 | 367 | 366 | 368 | 370 | 377 | 364 | 362 | 342 | 325 | 335 | 326 | 328 | 329 | 318 | 314 | 302 | 306 | 287 | 292 | 289 | 308 | 301 | 309 | 7950 | 331.3 |
| 13 | | 310 | 334 | 334 | 342 | 351 | 347 | 357 | 353 | 336 | 337 | 342 | 343 | 336 | 332 | 321 | 311 | 315 | 301 | 305 | 304 | 336 | 336 | 341 | 341 | 7965 | 331.9 |
| 14 | | 340 | 342 | 344 | 342 | 355 | 354 | 346 | 351 | 352 | 346 | 347 | 343 | 338 | 330 | 322 | 318 | 323 | 327 | 337 | 341 | 339 | 335 | 339 | 345 | 8156 | 339.8 |
| 15 | | 350 | 360 | 353 | 362 | 344 | 346 | 354 | 356 | 344 | 351 | 351 | 347 | 346 | 339 | 334 | 331 | 331 | 336 | 331 | 330 | 325 | 331 | 341 | 338 | 8231 | 343.0 |
| 16 | | 343 | 348 | 350 | 360 | 356 | 355 | 349 | 348 | 350 | 347 | 347 | 351 | 344 | 338 | 328 | 318 | 325 | 328 | 334 | 341 | 321 | 317 | 334 | 344 | 8176 | 340.7 |
| 17 Q | | 354 | 354 | 356 | 356 | 353 | 362 | 359 | 353 | 351 | 351 | 352 | 348 | 338 | 326 | 324 | 324 | 327 | 332 | 339 | 343 | 351 | 350 | 343 | 343 | 8289 | 345.4 |
| 18 Q | | 350 | 354 | 355 | 357 | 357 | 359 | 360 | 358 | 356 | 354 | 355 | 354 | 347 | 337 | 330 | 327 | 330 | 335 | 343 | 351 | 355 | 357 | 356 | 354 | 8391 | 349.6 |
| 19 D | | 355 | 367 | 371 | 374 | 378 | 360 | 319 | 319 | 334 | 330 | 336 | 335 | 331 | 326 | 315 | 312 | 309 | 310 | 316 | 285 | 327 | 336 | 306 | 334 | 7985 | 332.7 |
| 20 | | 346 | 326 | 330 | 341 | 343 | 339 | 338 | 337 | 339 | 341 | 342 | 333 | 333 | 328 | 318 | 317 | 322 | 324 | 331 | 337 | 346 | 347 | 348 | 348 | 8054 | 335.6 |
| 21 | | 352 | 348 | 350 | 353 | 362 | 359 | 362 | 348 | 346 | 345 | 350 | 348 | 343 | 332 | 321 | 312 | 307 | 329 | 338 | 344 | 343 | 348 | 348 | 348 | 8236 | 343.2 |
| 22 | | 349 | 334 | 331 | 352 | 352 | 352 | 348 | 347 | 349 | 354 | 349 | 344 | 345 | 329 | 308 | 317 | 316 | 324 | 332 | 337 | 336 | 345 | 350 | 353 | 8153 | 339.7 |
| 23 | | 356 | 362 | 365 | 355 | 351 | 356 | 354 | 342 | 343 | 351 | 351 | 343 | 342 | 332 | 325 | 319 | 320 | 325 | 337 | 343 | 349 | 347 | 346 | 349 | 8263 | 344.3 |
| 24 Q | | 351 | 354 | 350 | 351 | 354 | 356 | 354 | 353 | 350 | 351 | 352 | 352 | 346 | 338 | 331 | 326 | 329 | 334 | 338 | 347 | 340 | 336 | 346 | 351 | 8290 | 345.5 |
| 25 Q | | 352 | 354 | 354 | 357 | 356 | 358 | 356 | 356 | 356 | 362 | 362 | 361 | 354 | 341 | 333 | 321 | 321 | 336 | 347 | 356 | 361 | 361 | 370 | 377 | 8162 | 352.6 |
| 26 | | 355 | 313 | 291 | 300 | 324 | 323 | 330 | 325 | 331 | 335 | 339 | 330 | 325 | 325 | 326 | 314 | 296 | 320 | 337 | 335 | 328 | 331 | 331 | 337 | 7801 | 325.0 |
| 27 | | 342 | 348 | 354 | 350 | 355 | 351 | 345 | 340 | 344 | 344 | 342 | 336 | 330 | 324 | 316 | 310 | 312 | 328 | 339 | 344 | 346 | 346 | 337 | 348 | 8131 | 338.8 |
| 28 Q | | 350 | 352 | 356 | 348 | 346 | 345 | 344 | 343 | 345 | 348 | 345 | 340 | 335 | 327 | 317 | 320 | 320 | 334 | 348 | 355 | 355 | 356 | 338 | 338 | 8205 | 341.9 |
| 29 | | 339 | 342 | 339 | 344 | 342 | 342 | 335 | 347 | 335 | 345 | 330 | 339 | 339 | 319 | 317 | 313 | 319 | 325 | 322 | 326 | 325 | 322 | 297 | 296 | 7899 | 329.1 |
| 30 | | 310 | 324 | 323 | 314 | 311 | 303 | 309 | 316 | 313 | 327 | 317 | 318 | 310 | 309 | 308 | 312 | 323 | 333 | 340 | 348 | 350 | 353 | 352 | 354 | 7777 | 324.0 |
| Sum. | | 10292 | 10348 | 10357 | 10452 | 10422 | 10430 | 10412 | 10411 | 10339 | 10341 | 10339 | 10292 | 10203 | 9965 | 9725 | 9586 | 9614 | 9809 | 9978 | 10055 | 10144 | 10168 | 10150 | 10279 | 244114 | |
| Mean. | | 343.1 | 344.9 | 345.2 | 348.4 | 347.4 | 347.7 | 347.1 | 347.0 | 344.6 | 344.7 | 344.6 | 343.1 | 340.1 | 332.2 | 324.2 | 319.5 | 320.5 | 327.0 | 332.6 | 335.2 | 338.1 | 338.9 | 338.3 | 342.6 | | 339.0 |

Vertical component, Z_v - (36000 - tabulated values) gammas

September 1962

| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | 410 | 410 | 408 | 410 | 409 | 403 | 383 | 358 | 351 | 358 | 401 | 410 | 410 | 403 | 397 | 391 | 394 | 390 | 405 | 415 | 419 | 411 | 417 | 416 | 9579 | 399.1 |
| 02 D | 415 | 414 | 413 | 389 | 371 | 373 | 369 | 369 | 359 | 387 | 394 | 393 | 389 | 389 | 394 | 388 | 400 | 400 | 399 | 412 | 414 | 422 | 418 | 419 | 9490 | 395.4 |
| 03 D | 415 | 412 | 399 | 388 | 380 | 386 | 404 | 403 | 399 | 394 | 377 | 390 | 403 | 398 | 388 | 398 | 404 | 405 | 400 | 402 | 426 | 419 | 421 | 415 | 9626 | 401.1 |
| 04 D | 405 | 418 | 415 | 395 | 368 | 363 | 359 | 374 | 373 | 379 | 376 | 394 | 396 | 401 | 396 | 398 | 394 | 412 | 415 | 415 | 421 | 419 | 415 | 415 | 9516 | 396.5 |
| 05 | 413 | 410 | 408 | 402 | 402 | 398 | 395 | 400 | 386 | 387 | 394 | 398 | 402 | 403 | 397 | 386 | 392 | 403 | 411 | 417 | 419 | 416 | 415 | 414 | 9668 | 402.8 |
| 06 | 408 | 412 | 413 | 410 | 400 | 391 | 371 | 377 | 397 | 403 | 399 | 392 | 400 | 402 | 399 | 398 | 398 | 398 | 404 | 412 | 417 | 417 | 417 | 419 | 9654 | 402.3 |
| 07 | 418 | 417 | 414 | 401 | 401 | 406 | 407 | 398 | 386 | 387 | 385 | 395 | 400 | 396 | 398 | 399 | 400 | 400 | 401 | 405 | 407 | 412 | 411 | 410 | 9654 | 402.3 |
| 08 | 407 | 411 | 402 | 389 | 402 | 408 | 408 | 402 | 374 | 376 | 390 | 399 | 400 | 400 | 398 | 397 | 399 | 404 | 402 | 407 | 410 | 411 | 412 | 412 | 9620 | 400.8 |
| 09 | 409 | 408 | 409 | 409 | 405 | 396 | 399 | 402 | 403 | 405 | 405 | 402 | 402 | 400 | 396 | 394 | 397 | 401 | 407 | 410 | 414 | 415 | 415 | 414 | 9717 | 404.9 |
| 10 | 413 | 419 | 418 | 392 | 381 | 376 | 394 | 400 | 399 | 394 | 397 | 402 | 403 | 402 | 398 | 396 | 395 | 398 | 403 | 410 | 412 | 410 | 410 | 410 | 9652 | 402.2 |
| 11 | 409 | 405 | 407 | 406 | 405 | 403 | 401 | 398 | 394 | 383 | 385 | 401 | 402 | 400 | 396 | 394 | 397 | 399 | 403 | 410 | 415 | 410 | 406 | 406 | 9635 | 401.5 |
| 12 D | 408 | 406 | 406 | 405 | 405 | 406 | 385 | --- | --- | 348 | 364 | 382 | 403 | 403 | 398 | 394 | 384 | 389 | 391 | 419 | 440 | 436 | 433 | 432 | 8837 | --- |
| 13 | 424 | 426 | 420 | 416 | 412 | 402 | 394 | 376 | 386 | 402 | 408 | 403 | 402 | 402 | 396 | 386 | 392 | 391 | 400 | 410 | 430 | 420 | 419 | 415 | 9732 | 405.5 |
| 14 | 415 | 409 | 408 | 404 | 394 | 393 | 392 | 377 | 390 | 399 | 402 | 401 | 400 | 398 | 394 | 389 | 388 | 392 | 400 | 406 | 406 | 404 | 407 | 407 | 9575 | 399.0 |
| 15 | 408 | 405 | 404 | 397 | 376 | 394 | 382 | 373 | 392 | 399 | 395 | 396 | 400 | 398 | 394 | 391 | 391 | 394 | 397 | 402 | 402 | 408 | 412 | 409 | 9521 | 396.7 |
| 16 | 408 | 408 | 408 | 405 | 399 | 396 | 400 | 400 | 399 | 399 | 398 | 399 | 396 | 394 | 392 | 389 | 393 | 396 | 399 | 405 | 402 | 406 | 411 | 410 | 9614 | 400.6 |
| 17 Q | 411 | 408 | 406 | 405 | 402 | 398 | 394 | 397 | 398 | 399 | 400 | 400 | 396 | 390 | 390 | 389 | 388 | 392 | 397 | 400 | 404 | 405 | 403 | 401 | 9573 | 398.9 |
| 18 Q | 403 | 403 | 402 | 401 | 401 | 401 | 399 | 396 | 396 | 396 | 398 | 398 | 395 | 390 | 386 | 385 | 388 | 391 | 395 | 399 | 402 | 405 | 401 | 401 | 9532 | 397.2 |
| 19 D | 403 | 408 | 408 | 405 | 396 | 353 | 322 | 331 | 355 | 392 | 402 | 401 | 402 | 399 | 390 | 388 | 386 | 389 | 398 | 406 | 423 | 422 | 417 | 415 | 9409 | 392.0 |
| 20 | 401 | 394 | 400 | 397 | 396 | 402 | 403 | 401 | 402 | 402 | 402 | 400 | 404 | 402 | 394 | 392 | 393 | 392 | 394 | 401 | 407 | 408 | 407 | 405 | 9595 | 399.8 |
| 21 | 408 | 405 | 404 | 404 | 406 | 398 | 392 | 389 | 394 | 398 | 399 | 398 | 396 | 390 | 383 | 378 | 378 | 393 | 397 | 404 | 406 | 407 | 406 | 406 | 9539 | 397.5 |
| 22 | 406 | 402 | 394 | 383 | 390 | 390 | 391 | 392 | 388 | 392 | 387 | 392 | 397 | 390 | 376 | 384 | 382 | 389 | 397 | 402 | 411 | 412 | 409 | 407 | 9463 | 394.3 |
| 23 | 406 | 401 | 393 | 378 | 374 | 369 | 383 | 386 | 390 | 398 | 395 | 393 | 398 | 396 | 389 | 386 | 389 | 394 | 403 | 410 | 413 | 409 | 405 | 404 | 9462 | 394.3 |
| 24 Q | 404 | 402 | 399 | 396 | 394 | 389 | 392 | 394 | 394 | 395 | 396 | 396 | 394 | 391 | 388 | 385 | 385 | 387 | 393 | 404 | 407 | 404 | 407 | 406 | 9502 | 396.0 |
| 25 Q | 404 | 403 | 400 | 400 | 400 | 395 | 397 | 397 | 396 | 397 | 398 | 397 | 393 | 388 | 384 | 375 | 376 | 388 | 396 | 403 | 407 | 404 | 405 | 407 | 9514 | 396.4 |
| 26 | 398 | 395 | 392 | 377 | 394 | 394 | 392 | 394 | 400 | 405 | 407 | 403 | 404 | 403 | 398 | 389 | 381 | 400 | 405 | 405 | 405 | 408 | 408 | 410 | 9567 | 398.6 |
| 27 | 410 | 401 | 400 | 396 | 394 | 389 | 388 | 389 | 394 | 393 | 396 | 395 | 395 | 394 | 389 | 384 | 387 | 398 | 407 | 411 | 411 | 409 | 404 | 408 | 9543 | 397.6 |
| 28 Q | 406 | 405 | 399 | 393 | 396 | 396 | 397 | 396 | 397 | 398 | 399 | 397 | 395 | 390 | 385 | 388 | 384 | 389 | 399 | 404 | 404 | 407 | 402 | 402 | 9528 | 397.0 |
| 29 | 406 | 404 | 402 | 399 | 396 | 390 | 397 | 380 | 389 | 394 | 389 | 389 | 387 | 382 | 384 | 386 | 389 | 394 | 393 | 403 | 412 | 426 | 420 | 422 | 9523 | 396.8 |
| 30 | 423 | 425 | 416 | 410 | 405 | 401 | 402 | 404 | 403 | 406 | 402 | 401 | 396 | 394 | 392 | 394 | 398 | 401 | 405 | 410 | 412 | 414 | 408 | 410 | 9732 | 405.5 |
| Sum. | 12274 | 12246 | 12168 | 11955 | 11854 | 11785 | 11682 | 11253 | 11284 | 11765 | 11840 | 11919 | 11960 | 11888 | 11759 | 11691 | 11722 | 11870 | 12016 | 12219 | 12378 | 12376 | 12341 | 12327 | 286572 | |
| Mean. | 409.1 | 408.2 | 405.6 | 398.5 | 395.1 | 392.8 | 389.4 | 388.0 | 389.1 | 392.2 | 394.7 | 397.3 | 398.7 | 396.3 | 392.0 | 389.7 | 390.7 | 395.7 | 400.5 | 407.3 | 412.6 | 412.5 | 411.4 | 410.9 | | 399.1 |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

October 1962.

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-------|
| Data | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 D | 63.9 | 60.8 | 61.2 | 61.5 | 59.2 | 58.5 | 60.3 | 58.6 | 58.3 | 58.8 | 64.9 | 65.5 | 66.9 | 64.6 | 64.8 | 66.7 | 69.2 | 70.9 | 69.4 | 68.3 | 66.9 | 65.0 | 62.7 | 61.8 | 1528.7 | 63.70 | |
| 2 | 64.0 | 60.4 | 59.9 | 61.0 | 62.4 | 62.3 | 59.7 | 62.6 | 62.0 | 60.4 | 62.3 | 62.3 | 63.2 | 64.1 | 66.0 | 66.1 | 68.4 | 70.7 | 68.4 | 66.0 | 64.0 | 63.7 | 63.7 | 63.3 | 1526.9 | 63.62 | |
| 3 | 63.3 | 63.5 | 63.7 | 63.5 | 63.0 | 61.5 | 61.8 | 60.7 | 61.3 | 59.5 | 60.9 | 60.4 | 61.0 | 62.6 | 66.0 | 66.1 | 67.8 | 67.6 | 67.3 | 66.1 | 65.0 | 64.2 | 62.8 | — | 1459.6 | — | |
| 4 Q | 62.0 | 61.8 | 62.0 | 60.3 | 60.1 | 61.4 | 61.4 | 61.5 | 60.3 | 59.5 | 60.1 | 60.9 | 61.3 | 61.5 | 63.0 | 64.4 | 66.7 | 68.8 | 69.5 | 67.6 | 67.0 | 65.5 | 63.7 | 63.8 | 1514.1 | 63.09 | |
| 5 | 63.7 | 63.7 | 63.3 | 63.0 | 62.6 | 61.5 | 60.0 | 60.9 | 60.4 | 60.3 | 61.5 | 61.3 | 60.7 | 61.1 | 62.3 | 64.1 | 66.1 | 67.8 | 68.9 | 69.3 | 71.3 | 65.9 | 64.2 | 64.1 | 1528.0 | 63.67 | |
| 6 | 64.0 | 61.6 | 54.2 | 55.8 | 54.0 | 54.9 | 58.4 | 63.3 | 62.7 | 61.6 | 61.5 | 61.5 | 60.9 | 61.9 | 65.7 | 65.8 | 66.0 | 67.0 | 67.2 | 66.4 | 65.0 | 63.8 | 63.8 | 62.7 | 1489.7 | 62.07 | |
| 7 | 63.3 | 63.4 | 61.8 | 61.2 | 60.2 | 60.5 | 62.7 | 62.1 | 62.2 | 61.6 | 62.3 | 61.7 | 61.0 | 61.6 | 62.6 | 63.8 | 65.6 | 67.6 | 67.3 | 66.2 | 65.4 | 64.7 | 68.3 | 65.6 | 1520.7 | 63.36 | |
| 8 D | 67.7 | 54.3 | 56.0 | 60.9 | 61.5 | 61.8 | 61.0 | 62.4 | 61.3 | 60.3 | 61.6 | 62.6 | 61.8 | 61.5 | 62.7 | 65.0 | 66.7 | 68.8 | 69.7 | 68.7 | 68.4 | 63.3 | 62.3 | 63.1 | 1513.4 | 63.06 | |
| 9 D | 58.1 | 52.3 | 57.6 | 60.5 | 61.5 | 59.9 | 60.5 | 65.0 | 64.9 | 63.2 | 61.5 | 60.4 | 62.6 | 65.0 | 64.6 | 64.1 | 66.0 | 66.8 | 67.7 | 67.7 | 66.5 | 65.5 | 64.3 | 61.8 | 1508.0 | 62.83 | |
| 10 | 57.3 | 60.4 | 60.0 | 60.1 | 60.9 | 62.4 | 61.5 | 61.0 | 60.9 | 62.1 | 63.0 | 63.2 | 65.8 | 62.6 | 62.1 | 63.8 | 65.6 | 66.6 | 68.3 | 65.5 | 65.4 | 64.1 | 63.3 | 63.2 | 1509.1 | 62.88 | |
| 11 | 61.7 | 58.9 | 59.6 | 59.2 | 62.3 | 54.8 | 57.1 | 60.9 | 62.4 | 62.8 | 63.0 | 62.3 | 61.2 | 62.5 | 62.3 | 63.3 | 65.9 | 67.3 | 67.7 | 67.2 | 67.0 | 63.3 | 63.4 | 62.1 | 1498.2 | 62.43 | |
| 12 Q | 61.4 | 58.5 | 59.9 | 62.7 | 62.9 | 62.4 | 62.5 | 62.8 | 62.6 | 63.8 | 63.8 | 61.8 | 61.7 | 61.6 | 62.0 | 63.8 | 65.6 | 66.4 | 66.4 | 66.0 | 65.0 | 64.1 | 63.6 | 63.7 | 1515.0 | 63.13 | |
| 13 | 63.5 | 63.1 | 62.8 | 62.6 | 62.3 | 61.9 | 61.4 | 61.3 | 61.4 | 62.2 | 64.2 | 64.8 | 62.7 | 62.8 | 62.8 | 63.8 | 65.2 | 66.5 | 67.0 | 66.0 | 65.4 | 65.2 | 65.0 | 62.8 | 1526.7 | 63.61 | |
| 14 | 58.2 | 59.1 | 60.3 | 61.5 | 60.1 | 63.2 | 60.0 | 59.1 | 59.3 | 60.2 | 62.6 | 65.1 | 63.7 | 62.6 | 64.7 | 64.9 | 65.9 | 68.2 | 70.0 | 68.8 | 67.2 | 62.6 | 64.0 | 62.6 | 1513.9 | 63.08 | |
| 15 Q | 62.6 | 62.0 | 62.3 | 61.7 | 62.2 | 63.0 | 62.2 | 62.8 | 61.3 | 61.3 | 61.3 | 60.9 | 60.5 | 61.0 | 62.2 | 63.8 | 65.0 | 66.1 | — | 66.8 | 65.8 | 64.3 | 62.6 | 60.8 | 1442.5 | — | |
| 16 | 61.1 | 62.4 | 62.8 | 62.7 | 62.7 | 62.2 | 62.1 | 62.1 | 60.8 | 59.4 | 59.7 | 65.9 | 65.5 | 63.0 | 63.1 | 63.5 | 65.3 | 67.5 | 68.4 | 67.5 | 66.0 | 64.6 | 63.6 | 62.3 | 1524.2 | 63.51 | |
| 17 Q | 61.6 | 61.3 | 61.0 | 62.4 | 62.2 | 61.7 | 62.6 | 62.5 | 62.3 | 62.6 | 61.3 | 60.1 | 60.0 | 60.8 | 61.9 | 63.7 | 65.7 | 67.3 | 67.2 | 66.5 | 65.5 | 64.5 | 63.7 | 62.9 | 1511.3 | 62.97 | |
| 18 | 61.5 | 59.5 | 54.0 | 57.0 | 59.8 | 61.0 | 61.8 | 61.5 | 60.5 | 60.3 | 60.3 | 59.9 | 59.3 | 59.8 | 61.9 | 64.3 | 67.2 | 70.2 | 69.4 | 67.6 | 65.7 | 64.9 | 63.8 | 63.7 | 1494.9 | 62.29 | |
| 19 | 63.4 | 63.1 | 62.6 | 62.0 | 61.8 | 61.4 | 61.4 | 61.2 | 64.5 | 64.5 | 60.7 | 59.2 | 59.4 | 63.4 | 63.6 | 66.1 | 66.7 | 66.9 | 67.7 | 67.8 | 66.7 | 61.9 | 63.3 | 62.4 | 1521.7 | 63.40 | |
| 20 | 62.0 | 62.4 | 62.6 | 62.5 | 62.2 | 62.2 | 62.1 | 61.6 | 61.0 | 60.3 | 59.9 | 60.0 | 60.0 | 60.1 | 61.8 | 63.4 | 64.7 | 67.2 | 69.4 | 67.9 | 66.2 | 64.5 | 63.3 | 62.5 | 1509.8 | 62.91 | |
| 21 | 63.2 | 61.5 | 59.1 | 61.2 | 62.1 | 60.6 | 60.3 | 60.9 | 61.9 | 61.9 | 61.4 | 60.4 | 60.4 | 61.3 | 63.1 | 64.9 | 66.9 | 69.2 | 69.5 | 68.7 | 66.4 | 64.7 | 64.0 | 62.7 | 1516.3 | 63.18 | |
| 22 | 63.4 | 63.2 | 62.3 | 60.7 | 58.0 | 55.8 | 56.2 | 56.2 | 58.4 | 58.9 | 61.8 | 62.3 | 60.4 | 63.8 | 65.8 | 65.3 | 66.0 | 68.3 | 69.1 | 68.6 | 68.9 | 68.3 | 61.7 | 63.9 | 1507.3 | 62.80 | |
| 23 | 63.8 | 63.0 | 55.8 | 58.3 | 61.2 | 61.4 | 60.8 | 60.8 | 60.8 | 60.9 | 61.0 | 62.3 | 61.9 | 61.6 | 63.7 | 66.9 | 68.5 | 69.3 | 69.1 | 68.3 | 68.4 | 66.9 | 65.1 | 64.1 | 1523.9 | 63.50 | |
| 24 | 63.4 | 63.1 | 62.3 | 58.6 | 60.0 | 60.0 | 60.1 | 60.9 | 60.5 | 59.6 | 60.0 | 60.9 | 63.8 | 62.8 | 63.8 | 65.1 | 67.0 | 70.1 | 69.9 | 69.7 | 69.6 | 64.2 | 61.3 | 63.4 | 1520.1 | 63.34 | |
| 25 D | 60.3 | 61.1 | 62.1 | 62.4 | 61.9 | 60.0 | 57.2 | 57.5 | 60.0 | 62.3 | 60.6 | 60.3 | 64.0 | 66.1 | 64.0 | 64.5 | 68.7 | 68.2 | 61.8 | 66.5 | 70.8 | 62.2 | 64.6 | 64.8 | 1511.9 | 63.00 | |
| 26 D | 63.3 | 61.4 | 61.2 | 62.7 | 63.7 | 62.6 | 61.8 | 61.1 | 58.6 | 60.0 | 60.6 | 61.4 | 63.9 | 65.0 | 67.3 | 70.6 | 70.6 | 71.8 | 71.9 | 69.7 | 68.7 | 65.9 | 62.4 | 63.7 | 1549.9 | 64.58 | |
| 27 | 63.2 | 63.6 | 61.7 | 61.5 | 62.7 | 61.9 | 57.2 | 56.9 | 60.2 | 60.8 | 61.3 | 61.8 | 64.6 | 64.2 | 65.2 | 67.1 | 65.5 | 66.8 | 67.6 | 66.3 | 67.2 | 65.4 | 64.6 | 60.8 | 1518.1 | 63.25 | |
| 28 | 62.3 | 62.3 | 61.2 | 60.3 | 60.3 | 60.2 | 61.3 | 62.4 | 62.4 | 61.7 | 61.1 | 61.2 | 61.3 | 61.4 | 63.3 | 64.8 | 66.6 | 67.2 | 67.5 | 66.0 | 63.7 | 63.9 | 61.1 | 63.0 | 1506.5 | 62.77 | |
| 29 | 63.5 | 62.2 | 61.2 | 60.6 | 61.4 | 61.7 | 60.9 | 58.9 | 58.7 | 59.6 | 60.6 | 59.5 | 61.3 | 62.3 | 63.3 | 64.3 | 66.8 | 67.8 | 67.1 | 66.3 | 65.4 | 64.1 | 63.7 | 63.0 | 1504.2 | 62.68 | |
| 30 | 62.2 | 62.3 | 62.9 | 61.3 | 59.1 | 58.5 | 59.1 | 60.6 | 61.4 | 60.3 | 59.7 | 62.3 | 63.4 | 63.2 | 64.2 | 65.5 | 65.9 | 66.4 | 66.3 | 66.0 | 65.7 | 63.7 | 64.0 | 63.8 | 1507.8 | 62.83 | |
| 31 Q | 62.2 | 61.8 | 61.4 | 61.9 | 61.3 | 59.2 | 58.8 | 57.4 | 56.7 | 57.7 | 58.3 | 59.2 | 60.2 | 61.1 | 62.5 | 64.2 | 65.1 | 66.1 | 67.1 | 66.6 | 66.0 | 66.0 | 64.5 | 64.4 | 1489.7 | 62.07 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | | 46812.1 | |
| 1000+ | 935.1 | 898.0 | 878.8 | 891.6 | 895.6 | 880.4 | 872.2 | 887.5 | 890.0 | 888.4 | 901.8 | 911.4 | 924.4 | 936.9 | 972.3 | | | | | | | | | | | | |
| 2000+ | | | | | | | | | | | | | | | | 013.8 | 062.9 | 107.4 | 043.8 | 086.6 | 066.2 | 000.9 | | | | 972.4 | 892.8 |
| Mean. | 62.42 | 61.23 | 60.61 | 61.02 | 61.15 | 60.66 | 60.39 | 60.89 | 60.97 | 60.92 | 61.35 | 61.66 | 62.08 | 62.48 | 63.62 | 64.96 | 66.55 | 67.98 | 68.13 | 67.31 | 66.65 | 64.55 | 63.83 | 63.09 | | | 63.10 |

Horizontal component, H, 23000 gammas + tabulated value

October 1962

| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sun. | Mean. |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | D | 345 | 336 | 345 | 344 | 364 | 342 | 349 | 345 | 368 | 330 | 340 | 314 | 325 | 323 | 305 | 300 | 295 | 297 | 310 | 335 | 287 | 314 | 325 | 335 | 7873 | 328.0 |
| 02 | | 341 | 353 | 352 | 338 | 333 | 346 | 345 | 338 | 341 | 340 | 333 | 332 | 313 | 299 | 298 | 305 | 305 | 309 | 327 | 338 | 340 | 341 | 340 | 338 | 7945 | 331.0 |
| 03 | | 340 | 343 | 345 | 346 | 353 | 345 | 339 | 339 | 345 | 347 | 347 | 337 | 321 | 306 | 295 | 309 | 316 | 326 | 335 | 340 | 353 | 340 | 336 | --- | 7704 | --- |
| 04 | Q | 333 | 335 | 333 | 334 | 331 | 334 | 339 | 349 | 338 | 347 | 347 | 344 | 334 | 320 | 314 | 310 | 318 | 320 | 329 | 338 | 341 | 341 | 337 | 340 | 8006 | 333.6 |
| 05 | | 344 | 346 | 346 | 346 | 348 | 351 | 348 | 349 | 348 | 343 | 347 | 350 | 342 | 334 | 322 | 323 | 322 | 335 | 339 | 337 | 320 | 327 | 344 | 344 | 8154 | 339.8 |
| 06 | | 344 | 334 | 332 | 322 | 327 | 311 | 318 | 334 | 335 | 334 | 334 | 331 | 325 | 314 | 307 | 316 | 325 | 334 | 338 | 344 | 348 | 348 | 342 | 335 | 7932 | 330.5 |
| 07 | | 346 | 351 | 355 | 349 | 345 | 347 | 344 | 343 | 342 | 340 | 341 | 358 | 334 | 322 | 316 | 311 | 315 | 322 | 330 | 347 | 365 | 382 | 357 | 370 | 8212 | 342.2 |
| 08 | D | 358 | 338 | 331 | 342 | 355 | 355 | 350 | 347 | 353 | 346 | 342 | 337 | 333 | 324 | 319 | 318 | 320 | 326 | 314 | 334 | 333 | 334 | 347 | 329 | 8085 | 336.9 |
| 09 | D | 355 | 294 | 329 | 341 | 368 | 355 | 346 | 358 | 355 | 349 | 333 | 333 | 310 | 298 | 301 | 303 | 303 | 318 | 331 | 338 | 342 | 339 | 339 | 334 | 7972 | 332.2 |
| 10 | | 349 | 344 | 348 | 354 | 359 | 360 | 352 | 344 | 345 | 338 | 342 | 325 | 316 | 322 | 310 | 300 | 293 | 305 | 316 | 311 | 337 | 345 | 341 | 341 | 7997 | 333.2 |
| 11 | | 340 | 345 | 351 | 339 | 350 | 351 | 331 | 330 | 335 | 340 | 340 | 335 | 331 | 310 | 309 | 311 | 316 | 321 | 335 | 344 | 330 | 322 | 334 | 335 | 7985 | 332.7 |
| 12 | Q | 344 | 344 | 345 | 353 | 351 | 351 | 351 | 351 | 348 | 344 | 349 | 344 | 337 | 329 | 320 | 319 | 324 | 332 | 321 | 347 | 349 | 349 | 349 | 350 | 8221 | 342.5 |
| 13 | | 355 | 357 | 359 | 360 | 360 | 360 | 354 | 355 | 354 | 353 | 348 | 359 | 335 | 329 | 308 | 301 | 313 | 327 | 339 | 343 | 343 | 331 | 328 | 327 | 8198 | 341.6 |
| 14 | | 340 | 322 | 332 | 348 | 356 | 365 | 343 | 360 | 337 | 339 | 331 | 339 | 339 | 323 | 302 | 304 | 320 | 330 | 303 | 317 | 330 | 329 | 334 | 335 | 7928 | 332.8 |
| 15 | Q | 347 | 350 | 351 | 348 | 354 | 356 | 347 | 351 | 343 | 337 | 337 | 334 | 330 | 319 | 310 | 306 | 313 | 326 | --- | 338 | 340 | 343 | 341 | 335 | 7756 | --- |
| 16 | | 334 | 346 | 350 | 352 | 354 | 352 | 352 | 353 | 354 | 352 | 347 | 309 | 332 | 314 | 302 | 304 | 310 | 321 | 327 | 331 | 344 | 343 | 337 | 332 | 8052 | 335.5 |
| 17 | Q | 350 | 347 | 351 | 354 | 356 | 356 | 347 | 342 | 331 | 332 | 335 | 330 | 321 | 308 | 299 | 300 | 311 | 326 | 341 | 351 | 352 | 352 | 354 | 354 | 8098 | 337.4 |
| 18 | | 348 | 347 | 327 | 324 | 334 | 340 | 342 | 340 | 339 | 340 | 341 | 338 | 327 | 313 | 304 | 305 | 313 | 325 | 330 | 344 | 346 | 352 | 352 | 352 | 8023 | 334.3 |
| 19 | | 358 | 361 | 363 | 365 | 362 | 363 | 363 | 358 | 359 | 347 | 354 | 347 | 319 | 306 | 312 | 289 | 303 | 325 | 339 | 344 | 329 | 324 | 336 | 334 | 8160 | 340.0 |
| 20 | | 338 | 350 | 352 | 352 | 354 | 352 | 354 | 350 | 349 | 346 | 345 | 342 | 336 | 327 | 308 | 299 | 306 | 318 | 333 | 339 | 350 | 352 | 354 | 348 | 8154 | 339.8 |
| 21 | | 353 | 358 | 367 | 366 | 366 | 358 | 356 | 348 | 343 | 340 | 343 | 340 | 326 | 318 | 309 | 305 | 321 | 318 | 331 | 339 | 342 | 353 | 350 | 349 | 8199 | 341.6 |
| 22 | | 346 | 356 | 359 | 353 | 343 | 335 | 332 | 330 | 335 | 330 | 337 | 346 | 333 | 319 | 330 | 321 | 324 | 334 | 340 | 339 | 340 | 339 | 324 | 352 | 8097 | 337.4 |
| 23 | | 357 | 356 | 359 | 342 | 351 | 353 | 346 | 343 | 343 | 339 | 339 | 323 | 317 | 308 | 298 | 294 | 301 | 312 | 327 | 345 | 347 | 330 | 348 | 352 | 8030 | 334.6 |
| 24 | | 365 | 357 | 353 | 345 | 353 | 353 | 346 | 347 | 346 | 341 | 335 | 335 | 329 | 318 | 305 | 305 | 312 | 314 | 301 | 334 | 331 | 338 | 344 | 336 | 8043 | 335.1 |
| 25 | D | 341 | 349 | 349 | 353 | 348 | 363 | 341 | 333 | 329 | 335 | 338 | 321 | 308 | 312 | 320 | 310 | 301 | 325 | 333 | 333 | 335 | 329 | 388 | 343 | 7987 | 332.8 |
| 26 | D | 357 | 363 | 350 | 350 | 357 | 352 | 348 | 348 | 352 | 353 | 338 | 317 | 310 | 296 | 270 | 282 | 298 | 315 | 317 | 317 | 316 | 321 | 340 | 340 | 7907 | 329.5 |
| 27 | | 345 | 349 | 351 | 339 | 347 | 347 | 356 | 341 | 335 | 327 | 326 | 328 | 307 | 310 | 298 | 299 | 322 | 334 | 328 | 336 | 343 | 343 | 352 | 357 | 8018 | 334.1 |
| 28 | | 344 | 349 | 348 | 359 | 349 | 340 | 339 | 339 | 339 | 342 | 333 | 322 | 310 | 301 | 298 | 302 | 309 | 323 | 332 | 330 | 340 | 349 | 347 | 344 | 7988 | 332.8 |
| 29 | | 349 | 347 | 344 | 347 | 342 | 339 | 340 | 339 | 334 | 332 | 330 | 329 | 317 | 308 | 308 | 313 | 320 | 319 | 342 | 351 | 350 | 348 | 358 | 342 | 8048 | 335.3 |
| 30 | | 353 | 352 | 356 | 356 | 349 | 343 | 339 | 337 | 336 | 346 | 332 | 321 | 317 | 314 | 306 | 307 | 321 | 336 | 333 | 341 | 340 | 343 | 348 | 348 | 8074 | 336.4 |
| 31 | Q | 350 | 351 | 352 | 350 | 350 | 350 | 339 | 339 | 339 | 339 | 339 | 329 | 331 | 325 | 316 | 316 | 317 | 330 | 330 | 337 | 348 | 350 | 349 | 354 | 8130 | 338.8 |
| Sun. | | 10767 | 10730 | 10785 | 10771 | 10869 | 10825 | 10696 | 10680 | 10650 | 10568 | 10523 | 10328 | 10065 | 9769 | 9519 | 9487 | 9637 | 10003 | 9882 | 10462 | 10511 | 10551 | 10623 | 10285 | 249036 | |
| Mean. | | 347.3 | 346.1 | 347.9 | 347.5 | 350.6 | 349.2 | 345.0 | 344.5 | 343.5 | 340.9 | 339.5 | 333.2 | 324.7 | 315.1 | 307.1 | 306.0 | 312.5 | 322.7 | 329.4 | 337.5 | 339.1 | 340.4 | 342.7 | 342.8 | | 335.6 |

Vertical component, Z, - (36000 + tabulated values) gammas

October 1962

| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 D | 406 | 400 | 403 | 401 | 394 | 380 | 365 | 353 | 354 | 353 | 373 | 371 | 387 | 394 | 388 | 388 | 387 | 391 | 405 | 420 | 427 | 441 | 436 | 422 | 9439 | 393.3 |
| 02 | 416 | 411 | 394 | 386 | 396 | 392 | 385 | 373 | 390 | 396 | 392 | 395 | 385 | 386 | 388 | 395 | 393 | 398 | 410 | 417 | 415 | 414 | 410 | 407 | 9544 | 397.7 |
| 03 | 406 | 406 | 403 | 403 | 395 | 385 | 393 | 394 | 389 | 388 | 387 | 388 | 388 | 379 | 380 | 392 | 392 | 399 | 404 | 408 | 409 | 408 | 407 | --- | 9103 | --- |
| 04 Q | 405 | 402 | 400 | 398 | 394 | 399 | 394 | 391 | 389 | 391 | 386 | 390 | 388 | 386 | 385 | 384 | 385 | 385 | 394 | 404 | 408 | 407 | 409 | 405 | 9479 | 395.0 |
| 05 | 404 | 403 | 402 | 401 | 401 | 400 | 395 | 397 | 396 | 392 | 393 | 393 | 390 | 386 | 380 | 380 | 381 | 393 | 399 | 403 | 417 | 410 | 414 | 411 | 9541 | 397.5 |
| 06 | 406 | 405 | 387 | 378 | 372 | 371 | 386 | 401 | 405 | 402 | 400 | 398 | 395 | 387 | 380 | 386 | 391 | 394 | 396 | 405 | 409 | 409 | 406 | 402 | 9471 | 394.6 |
| 07 | 403 | 405 | 402 | 397 | 391 | 386 | 387 | 387 | 390 | 391 | 394 | 398 | 395 | 390 | 388 | 386 | 387 | 390 | 396 | 404 | 414 | 425 | 406 | 414 | 9526 | 396.9 |
| 08 D | 412 | 410 | 371 | 399 | 405 | 401 | 394 | 394 | 396 | 388 | 382 | 386 | 391 | 386 | 382 | 380 | 383 | 388 | 388 | 404 | 410 | 417 | 419 | 413 | 9499 | 395.8 |
| 09 D | 395 | 375 | 396 | 405 | 396 | 389 | 388 | 378 | 374 | 377 | 385 | 390 | 378 | 378 | 386 | 386 | 386 | 393 | 398 | 405 | 411 | 414 | 414 | 414 | 9411 | 392.1 |
| 10 | 405 | 403 | 402 | 396 | 388 | 392 | 389 | 389 | 389 | 389 | 387 | 382 | 383 | 394 | 389 | 382 | 378 | 386 | 394 | 398 | 410 | 412 | 410 | 406 | 9453 | 393.9 |
| 11 | 407 | 411 | 399 | 381 | 353 | 359 | 368 | 382 | 380 | 392 | 391 | 392 | 391 | 383 | 385 | 384 | 381 | 382 | 394 | 403 | 406 | 404 | 411 | 408 | 9356 | 389.8 |
| 12 Q | 407 | 401 | 398 | 402 | 399 | 396 | 394 | 392 | 388 | 380 | 385 | 388 | 387 | 383 | 379 | 380 | 380 | 382 | 388 | 396 | 401 | 403 | 401 | 399 | 9409 | 392.0 |
| 13 | 399 | 399 | 398 | 398 | 396 | 394 | 391 | 392 | 391 | 384 | 376 | 379 | 378 | 385 | 379 | 382 | 385 | 388 | 395 | 402 | 407 | 402 | 401 | 407 | 9408 | 392.0 |
| 14 | 405 | 396 | 403 | 405 | 393 | 367 | 353 | 357 | 375 | 383 | 367 | 379 | 386 | 385 | 377 | 383 | 392 | 394 | 389 | 402 | 412 | 415 | 410 | 406 | 9334 | 388.9 |
| 15 Q | 408 | 405 | 403 | 399 | 396 | 383 | 382 | 390 | 389 | 390 | 389 | 389 | 391 | 389 | 383 | 381 | 384 | 388 | --- | 395 | 400 | 403 | 403 | 403 | 9043 | --- |
| 16 | 401 | 401 | 401 | 399 | 398 | 395 | 396 | 396 | 395 | 392 | 388 | 360 | 382 | 381 | 376 | 378 | 379 | 386 | 393 | 399 | 408 | 410 | 406 | 406 | 9426 | 392.8 |
| 17 Q | 402 | 396 | 398 | 398 | 394 | 390 | 387 | 389 | 384 | 386 | 390 | 388 | 385 | 381 | 376 | 375 | 376 | 380 | 388 | 396 | 398 | 399 | 399 | 399 | 9356 | 389.8 |
| 18 | 398 | 394 | 379 | 378 | 389 | 393 | 395 | 395 | 394 | 392 | 387 | 385 | 382 | 377 | 373 | 371 | 372 | 380 | 390 | 403 | 402 | 406 | 404 | 400 | 9339 | 389.1 |
| 19 | 404 | 403 | 401 | 399 | 397 | 397 | 397 | 392 | 374 | 345 | 375 | 379 | 367 | 372 | 381 | 368 | 379 | 390 | 399 | 406 | 406 | 416 | 414 | 411 | 9372 | 390.5 |
| 20 | 410 | 408 | 405 | 401 | 399 | 397 | 397 | 397 | 398 | 396 | 394 | 391 | 389 | 386 | 378 | 371 | 374 | 374 | 384 | 394 | 404 | 410 | 410 | 405 | 9472 | 394.7 |
| 21 | 405 | 404 | 395 | 393 | 385 | 387 | 388 | 389 | 389 | 388 | 391 | 390 | 384 | 383 | 377 | 378 | 384 | 379 | 388 | 399 | 403 | 413 | 410 | 408 | 9410 | 392.1 |
| 22 | 401 | 404 | 403 | 393 | 386 | 378 | 382 | 383 | 392 | 388 | 381 | 383 | 381 | 370 | 379 | 378 | 380 | 384 | 389 | 396 | 404 | 409 | 415 | 416 | 9375 | 390.6 |
| 23 | 412 | 409 | 400 | 388 | 393 | 395 | 392 | 389 | 391 | 387 | 385 | 379 | 383 | 378 | 379 | 373 | 379 | 389 | 399 | 408 | 411 | 401 | 408 | 409 | 9437 | 393.2 |
| 24 | 411 | 406 | 403 | 396 | 395 | 395 | 392 | 393 | 393 | 391 | 384 | 383 | 378 | 377 | 376 | 376 | 381 | 381 | 387 | 407 | 408 | 417 | 424 | 412 | 9466 | 394.4 |
| 25 D | 413 | 407 | 403 | 399 | 391 | 379 | 378 | 377 | 378 | 377 | 378 | 371 | 366 | 374 | 382 | 376 | 366 | 381 | 392 | 401 | 410 | 417 | 414 | 409 | 9339 | 389.1 |
| 26 D | 412 | 393 | 387 | 392 | 389 | 391 | 391 | 380 | 358 | 354 | 358 | 358 | 365 | 369 | 362 | 376 | 384 | 391 | 406 | 411 | 416 | 420 | 425 | 411 | 9299 | 387.5 |
| 27 | 407 | 405 | 399 | 391 | 387 | 372 | 372 | 369 | 384 | 381 | 378 | 378 | 370 | 378 | 370 | 372 | 387 | 392 | 392 | 399 | 407 | 403 | 410 | 413 | 9316 | 388.2 |
| 28 | 404 | 399 | 395 | 388 | 378 | 383 | 387 | 384 | 381 | 378 | 379 | 380 | 382 | 383 | 380 | 380 | 383 | 389 | 395 | 401 | 410 | 412 | 407 | 397 | 9355 | 389.8 |
| 29 | 398 | 398 | 394 | 389 | 390 | 391 | 391 | 384 | 384 | 384 | 381 | 385 | 383 | 379 | 381 | 383 | 379 | 379 | 395 | 402 | 399 | 398 | 404 | 399 | 9350 | 389.6 |
| 30 | 398 | 396 | 396 | 393 | 388 | 384 | 381 | 383 | 379 | 383 | 375 | 372 | 374 | 379 | 374 | 371 | 378 | 385 | 387 | 394 | 396 | 398 | 397 | 401 | 9262 | 385.9 |
| 31 Q | 399 | 399 | 397 | 394 | 392 | 383 | 381 | 383 | 382 | 382 | 379 | 376 | 379 | 376 | 370 | 370 | 371 | 376 | 379 | 386 | 395 | 399 | 397 | 397 | 9242 | 385.1 |
| Sum. | 12559 | 12454 | 12317 | 12240 | 12120 | 12004 | 11971 | 11953 | 11960 | 11900 | 11890 | 11876 | 11863 | 11834 | 11765 | 11765 | 11837 | 11987 | 11813 | 12468 | 12633 | 12712 | 12701 | 12210 | 290832 | |
| Mean. | 405.1 | 401.7 | 397.3 | 394.8 | 391.0 | 387.2 | 386.2 | 385.6 | 385.8 | 383.9 | 383.5 | 383.1 | 382.7 | 381.7 | 379.5 | 379.5 | 381.8 | 386.7 | 393.8 | 402.2 | 407.5 | 410.1 | 409.7 | 407.0 | | 391.9 |

Declination, D, east of north, 16 degrees + tabulated values in minutes of arc.

November 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 63.6 | 62.9 | 62.5 | 61.8 | 60.9 | 60.8 | 60.3 | 59.8 | 59.0 | 59.6 | 60.4 | 61.4 | 61.9 | 61.7 | 62.4 | 63.6 | 64.9 | 66.0 | 66.9 | 66.3 | 65.8 | 65.9 | 66.2 | 65.1 | 1509.7 | 62.90 | |
| 2 | 64.3 | 63.5 | 62.8 | 61.6 | 61.7 | 61.1 | 60.6 | 59.8 | 59.0 | 58.8 | 59.6 | 59.5 | 59.1 | 61.0 | 60.2 | 61.7 | 63.7 | 65.9 | 68.0 | 67.4 | 67.1 | 64.0 | 64.7 | 62.5 | 1497.6 | 62.40 | |
| 3 | 63.4 | 63.9 | 63.6 | 62.8 | 62.2 | 61.4 | 60.7 | 59.2 | 57.6 | 57.7 | 59.4 | 61.9 | 63.0 | 62.5 | 63.3 | 64.0 | 64.8 | 65.5 | 66.3 | 67.3 | 67.2 | 66.7 | 65.4 | 61.2 | 1511.0 | 62.96 | |
| 4 | 60.6 | 62.2 | 62.6 | 62.2 | 59.9 | 59.0 | 60.2 | 59.1 | 59.1 | 58.4 | 60.2 | 61.4 | 61.9 | 62.2 | 63.5 | 65.0 | 66.3 | 66.6 | 67.3 | 67.4 | 68.2 | 67.5 | 64.4 | 63.6 | 1508.8 | 62.87 | |
| 5 | 63.0 | 62.7 | 62.5 | 62.0 | 61.6 | 61.2 | 61.3 | 59.3 | 57.6 | 58.6 | 59.4 | 60.6 | 61.4 | 62.0 | 63.0 | 63.9 | 65.2 | 66.3 | 67.0 | 66.7 | 65.9 | 65.2 | 64.7 | 64.4 | 1505.5 | 62.73 | |
| 6 D | 63.9 | 63.1 | 60.3 | 60.2 | 60.3 | 57.1 | 57.7 | 57.7 | 59.1 | 59.4 | 59.5 | 59.4 | 59.9 | 60.8 | 61.7 | 63.1 | 64.5 | 67.1 | 69.0 | 64.9 | 66.7 | 63.0 | 63.0 | 64.5 | 1485.9 | 61.91 | |
| 7 | 63.4 | 61.3 | 57.6 | 61.8 | 62.2 | 61.2 | 60.3 | 59.8 | 59.7 | 60.1 | 61.5 | 63.0 | 63.6 | 64.2 | 63.7 | 63.6 | 64.8 | 66.3 | 66.8 | 66.2 | 64.9 | 64.3 | 64.0 | 62.5 | 1506.8 | 62.78 | |
| 8 | 62.3 | 62.6 | 62.5 | 61.7 | 60.8 | 60.3 | 59.5 | 59.4 | 59.0 | 58.9 | 59.5 | 60.7 | 61.4 | 61.7 | 62.0 | 63.3 | 64.5 | 65.0 | 65.8 | 65.4 | 65.0 | 64.5 | 64.1 | 63.6 | 1493.5 | 62.23 | |
| 9 | 63.1 | 62.6 | 62.2 | 62.2 | 62.1 | 61.7 | 61.1 | 60.3 | 59.4 | 58.9 | 59.0 | 59.4 | 60.3 | 61.0 | 61.9 | 63.2 | 64.1 | 64.8 | 64.8 | 64.3 | 63.8 | 63.8 | 63.4 | 62.5 | 1489.9 | 62.09 | |
| 10 Q | 62.1 | 62.3 | 62.0 | 61.7 | 61.2 | 60.9 | 60.5 | 60.0 | 59.7 | 59.2 | 59.2 | 59.3 | 59.6 | 60.5 | 62.3 | 64.4 | 66.3 | 67.5 | 66.7 | 65.9 | 64.5 | 63.6 | 63.4 | 63.4 | 1496.2 | 62.34 | |
| 11 | 63.3 | 63.2 | 62.6 | 62.0 | 61.1 | 60.3 | 60.3 | 59.6 | 57.4 | 57.2 | 59.3 | 60.4 | 60.6 | 61.9 | 63.4 | 66.0 | 67.7 | 67.3 | 66.7 | 65.3 | 64.9 | 63.9 | 63.6 | 63.2 | 1501.2 | 62.55 | |
| 12 Q | 62.5 | 61.7 | 62.0 | 62.2 | 62.3 | 62.2 | 61.9 | 61.0 | 60.2 | 59.3 | 58.6 | 58.5 | 59.2 | 60.3 | 61.8 | 63.7 | 65.4 | 66.2 | 65.4 | 64.3 | 63.0 | 62.4 | 62.5 | 62.9 | 1489.5 | 62.06 | |
| 13 Q | 63.0 | 63.0 | 62.9 | 62.6 | 62.3 | 61.9 | 61.3 | 60.3 | 59.6 | 58.6 | 57.9 | 58.0 | 58.6 | 59.6 | 60.8 | 63.1 | 64.9 | 65.7 | 65.6 | 64.8 | 63.6 | 63.1 | 63.1 | 63.1 | 1487.4 | 61.98 | |
| 14 | 63.0 | 63.1 | 63.0 | 62.4 | 61.8 | 61.3 | 60.3 | 59.5 | 58.9 | 58.0 | 57.6 | 58.5 | 59.7 | 60.3 | 62.0 | 64.5 | 66.8 | 67.2 | 67.2 | 67.9 | 65.0 | 64.8 | 63.9 | 63.6 | 1500.3 | 62.51 | |
| 15 D | 63.1 | 62.5 | 62.4 | 62.1 | 62.4 | 62.2 | 57.4 | 57.4 | 56.8 | 56.5 | 55.6 | 55.6 | 64.9 | 69.9 | 66.5 | 65.5 | 65.8 | 66.9 | 68.7 | 69.5 | 67.6 | 66.5 | 63.9 | 63.7 | 1513.4 | 63.06 | |
| 16 D | 61.1 | 62.5 | 59.2 | 60.6 | 62.5 | 62.2 | 62.0 | 60.3 | 59.1 | 59.7 | 60.8 | 62.5 | 63.8 | 63.7 | 64.6 | 67.3 | 68.9 | 70.4 | 70.5 | 68.9 | 66.0 | 64.0 | 63.6 | 62.1 | 1526.3 | 63.60 | |
| 17 | 60.3 | 63.5 | 63.0 | 62.9 | 63.2 | 63.1 | 62.3 | 61.3 | 60.6 | 59.8 | 59.4 | 60.2 | 61.3 | 62.1 | 63.7 | 64.5 | 65.5 | 65.9 | 65.9 | 65.0 | 64.1 | 63.8 | 63.7 | 63.8 | 1508.9 | 62.87 | |
| 18 Q | 63.7 | 63.4 | 62.9 | 62.6 | 62.3 | 62.0 | 61.3 | 60.8 | 60.3 | 59.5 | 58.6 | 59.1 | 60.4 | 61.4 | 62.6 | 63.9 | 65.1 | 65.4 | 65.2 | 64.5 | 63.9 | 63.2 | 63.6 | 63.6 | 1499.3 | 62.47 | |
| 19 | 63.4 | 63.0 | 62.8 | 62.3 | 62.0 | 61.4 | 60.6 | 59.7 | 59.3 | 59.2 | 58.6 | 59.4 | 59.9 | 60.8 | 61.0 | 62.7 | 64.7 | 65.9 | 67.1 | 67.0 | 66.3 | 64.8 | 64.8 | 64.5 | 1501.2 | 62.55 | |
| 20 Q | 63.7 | 63.2 | 62.8 | 62.2 | 61.3 | 61.1 | 59.8 | 59.0 | 58.2 | 58.4 | 59.0 | 59.9 | 60.8 | 61.7 | 62.6 | 63.2 | 63.5 | 63.3 | 63.6 | 63.8 | 64.2 | 64.7 | 64.7 | 64.4 | 1489.1 | 62.05 | |
| 21 | 63.6 | 63.0 | 62.3 | 60.8 | 60.0 | 59.1 | 57.2 | 51.0 | 50.7 | 51.6 | 54.4 | 57.0 | 61.3 | 64.2 | 64.6 | 66.5 | 68.1 | 68.9 | 69.4 | 68.5 | 67.9 | 67.4 | 67.4 | 63.8 | 1488.7 | 62.03 | |
| 22 D | 64.5 | 62.2 | 59.9 | 56.4 | 55.6 | 59.4 | 52.0 | 57.3 | 59.9 | 55.6 | 59.5 | 64.5 | 68.3 | 63.4 | 69.6 | 68.8 | 69.1 | 68.4 | 69.2 | 66.8 | 66.7 | 63.2 | 66.0 | 64.0 | 1510.3 | 62.93 | |
| 23 | 63.5 | 61.6 | 62.1 | 61.3 | 60.9 | 59.0 | 59.7 | 60.2 | 61.9 | 62.6 | 62.3 | 64.0 | 65.1 | 64.5 | 65.4 | 66.7 | 67.0 | 66.8 | 67.3 | 66.7 | 65.7 | 64.5 | 64.5 | 64.0 | 1527.3 | 63.64 | |
| 24 | 62.1 | 62.3 | 62.5 | 62.2 | 60.8 | 60.2 | 59.5 | 60.0 | 59.4 | 60.3 | 58.8 | 59.5 | 62.3 | 63.8 | 64.0 | 63.6 | 64.4 | 66.3 | 67.9 | 66.9 | 66.1 | 64.3 | 64.0 | 64.3 | 1505.5 | 62.73 | |
| 25 | 63.1 | 63.3 | 60.9 | 59.5 | 59.7 | 59.1 | 61.3 | 59.3 | 58.3 | 57.6 | 60.6 | 61.7 | 63.2 | 64.0 | 64.2 | 64.5 | 66.0 | 66.3 | 66.4 | 66.3 | 65.9 | 64.6 | 64.5 | 64.1 | 1504.4 | 62.68 | |
| 26 | 62.3 | 61.4 | 62.5 | 62.2 | 61.8 | 61.0 | 59.8 | 59.3 | 59.2 | 58.7 | 58.6 | 59.5 | 61.2 | 62.7 | 63.6 | 64.5 | 65.5 | 66.0 | 66.1 | 65.7 | 65.6 | 64.9 | 64.5 | 64.4 | 1501.0 | 62.54 | |
| 27 | 63.5 | 62.2 | 62.5 | 61.8 | 59.7 | 58.5 | 58.7 | 59.2 | 60.2 | 59.0 | 58.8 | 59.8 | 60.9 | 62.6 | 64.7 | 65.9 | 66.6 | 66.6 | 65.6 | 65.1 | 64.9 | 64.8 | 64.9 | 64.4 | 1500.9 | 62.54 | |
| 28 | 63.0 | 63.5 | 62.8 | 62.5 | 61.4 | 60.2 | 59.4 | 58.4 | 58.3 | 58.5 | 58.9 | 61.3 | 62.1 | 61.9 | 63.4 | 65.4 | 67.1 | 68.1 | 67.2 | 66.7 | 65.9 | 64.9 | 64.9 | 64.9 | 1510.7 | 62.95 | |
| 29 | 64.0 | 62.7 | 62.8 | 62.5 | 62.0 | 61.3 | 59.5 | 58.3 | 57.6 | 57.2 | 56.8 | 59.5 | 60.3 | 61.7 | 62.8 | 64.1 | 65.4 | 67.2 | 68.7 | 67.9 | 67.1 | 66.8 | 64.8 | 64.6 | 1505.6 | 62.73 | |
| 30 D | 64.2 | 62.8 | 56.5 | 57.2 | 55.8 | 57.7 | 54.0 | 55.7 | 56.5 | 57.8 | 62.8 | 61.9 | 63.9 | 65.4 | 66.3 | 66.8 | 68.3 | 69.2 | 68.2 | 67.6 | 66.0 | 65.4 | 64.0 | 63.8 | 1497.8 | 62.41 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 45073.7 | | |
| 1000+ | 890.4 | 881.2 | 857.1 | 846.4 | 831.7 | 817.9 | 790.7 | 772.1 | 761.4 | 754.7 | 774.7 | 807.4 | 849.9 | 875.7 | 901.6 | 936.9 | 974.8 | 998.9 | | 991.2 | 969.5 | 940.6 | 930.2 | 910.5 | | | |
| 2000+ | | | | | | | | | | | | | | | | | | | | 011.2 | | | | | | | |
| Mean. | 63.01 | 62.71 | 61.90 | 61.55 | 61.06 | 60.60 | 59.69 | 59.07 | 58.71 | 58.49 | 59.16 | 60.25 | 61.66 | 62.46 | 63.39 | 64.56 | 65.83 | 66.63 | 67.04 | 66.37 | 65.65 | 64.69 | 64.34 | 63.68 | | 62.60 | |

Horizontal component, H, 23000 gammas + tabulated value

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| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 358 | 357 | 352 | 349 | 348 | 348 | 347 | 346 | 340 | 334 | 338 | 335 | 327 | 321 | 313 | 316 | 326 | 335 | 339 | 344 | 359 | 360 | 343 | 342 | 8177 | 340.7 | |
| 02 | 348 | 352 | 349 | 341 | 344 | 346 | 343 | 344 | 343 | 339 | 339 | 339 | 333 | 330 | 319 | 316 | 323 | 333 | 339 | 340 | 348 | 336 | 343 | 326 | 8113 | 338.0 | |
| 03 | 339 | 344 | 341 | 341 | 341 | 339 | 341 | 341 | 339 | 337 | 330 | 332 | 331 | 322 | 317 | 314 | 317 | 330 | 339 | 342 | 338 | 339 | 345 | 346 | 8045 | 335.2 | |
| 04 | 352 | 348 | 353 | 356 | 355 | 352 | 348 | 343 | 339 | 338 | 338 | 326 | 325 | 316 | 305 | 303 | 313 | 312 | 324 | 338 | 343 | 322 | 345 | 351 | 8045 | 335.2 | |
| 05 | 355 | 356 | 360 | 364 | 364 | 364 | 362 | 348 | 338 | 336 | 327 | 325 | 323 | 316 | 316 | 313 | 317 | 329 | 337 | 342 | 351 | 355 | 355 | 362 | 8215 | 342.3 | |
| 06 D | 355 | 378 | 383 | 384 | 383 | 365 | 362 | 355 | 349 | 348 | 343 | 337 | 326 | 317 | 311 | 309 | 323 | 338 | 320 | 336 | 357 | 338 | 345 | 346 | 8319 | 346.6 | |
| 07 | 355 | 349 | 353 | 354 | 357 | 362 | 357 | 351 | 347 | 344 | 329 | 323 | 316 | 314 | 314 | 318 | 323 | 329 | 338 | 350 | 353 | 360 | 355 | 347 | 8198 | 341.6 | |
| 08 | 353 | 354 | 361 | 360 | 362 | 359 | 357 | 353 | 349 | 344 | 340 | 336 | 328 | 322 | 317 | 314 | 314 | 329 | 340 | 347 | 349 | 350 | 353 | 357 | 8248 | 343.7 | |
| 09 | 353 | 351 | 353 | 356 | 354 | 354 | 352 | 350 | 349 | 344 | 337 | 330 | 319 | 314 | 314 | 324 | 336 | 345 | 353 | 357 | 359 | 360 | 349 | 345 | 8258 | 344.1 | |
| 10 Q | 357 | 364 | 362 | 358 | 361 | 360 | 357 | 353 | 349 | 344 | 340 | 331 | 322 | 316 | 313 | 312 | 322 | 335 | 350 | 357 | 361 | 361 | 358 | 360 | 8303 | 346.0 | |
| 11 | 363 | 367 | 373 | 373 | 375 | 375 | 365 | 362 | 356 | 348 | 345 | 338 | 321 | 319 | 318 | 315 | 334 | 343 | 356 | 354 | 351 | 340 | 346 | 353 | 8390 | 349.6 | |
| 12 Q | 351 | 359 | 353 | 352 | 353 | 353 | 352 | 349 | 347 | 345 | 339 | 327 | 317 | 308 | 305 | 307 | 317 | 333 | 343 | 353 | 356 | 360 | 355 | 356 | 8190 | 341.3 | |
| 13 Q | 350 | 352 | 355 | 353 | 353 | 353 | 353 | 352 | 350 | 347 | 339 | 327 | 320 | 312 | 310 | 313 | 326 | 339 | 347 | 355 | 360 | 356 | 360 | 362 | 8244 | 343.5 | |
| 14 | 361 | 358 | 358 | 357 | 355 | 355 | 353 | 351 | 348 | 346 | 340 | 329 | 321 | 313 | 314 | 321 | 325 | 348 | 350 | 362 | 344 | 347 | 361 | 363 | 8280 | 345.0 | |
| 15 D | 365 | 362 | 362 | 368 | 368 | 373 | 350 | 352 | 351 | 342 | 345 | 321 | 270 | 323 | 320 | 314 | 310 | 315 | 325 | 312 | 347 | 320 | 340 | 333 | 8088 | 337.0 | |
| 16 D | 326 | 348 | 329 | 344 | 345 | 345 | 347 | 345 | 328 | 325 | 312 | 299 | 292 | 295 | 296 | 390 | 310 | 309 | 322 | 325 | 332 | 342 | 344 | 341 | 7791 | 324.6 | |
| 17 | 356 | 345 | 350 | 348 | 347 | 343 | 342 | 340 | 335 | 331 | 325 | 316 | 308 | 302 | 302 | 310 | 324 | 335 | 339 | 342 | 343 | 346 | 347 | 347 | 8023 | 334.3 | |
| 18 Q | 350 | 351 | 351 | 352 | 352 | 351 | 348 | 347 | 344 | 338 | 331 | 325 | 317 | 311 | 308 | 312 | 321 | 329 | 334 | 339 | 342 | 345 | 347 | 348 | 8093 | 337.2 | |
| 19 | 348 | 348 | 351 | 352 | 354 | 353 | 351 | 351 | 348 | 343 | 333 | 326 | 318 | 314 | 316 | 319 | 332 | 345 | 353 | 348 | 345 | 351 | 353 | 351 | 8202 | 341.8 | |
| 20 Q | 361 | 364 | 364 | 364 | 360 | 365 | 364 | 363 | 361 | 357 | 345 | 334 | 322 | 323 | 331 | 339 | 361 | 359 | 359 | 351 | 352 | 362 | 367 | 366 | 8484 | 355.5 | |
| 21 | 379 | 385 | 378 | 366 | 358 | 352 | 366 | 365 | 346 | 333 | 325 | 314 | 305 | 305 | 304 | 303 | 317 | 331 | 342 | 330 | 336 | 347 | 353 | 349 | 8179 | 340.8 | |
| 22 D | 360 | 358 | 345 | 342 | 339 | 342 | 327 | 325 | 336 | 323 | 309 | 308 | 291 | 286 | 300 | 299 | 303 | 317 | 328 | 334 | 331 | 325 | 338 | 351 | 7817 | 325.7 | |
| 23 | 360 | 352 | 365 | 363 | 352 | 351 | 336 | 335 | 328 | 330 | 317 | 311 | 314 | 309 | 308 | 309 | 313 | 330 | 342 | 342 | 339 | 352 | 344 | 343 | 8045 | 335.2 | |
| 24 | 341 | 352 | 353 | 354 | 357 | 354 | 348 | 348 | 344 | 347 | 335 | 323 | 306 | 308 | 315 | 320 | 328 | 335 | 332 | 345 | 349 | 347 | 355 | 356 | 8152 | 339.7 | |
| 25 | 352 | 355 | 357 | 347 | 350 | 345 | 351 | 348 | 336 | 324 | 315 | 325 | 315 | 310 | 309 | 309 | 308 | 321 | 332 | 342 | 342 | 334 | 350 | 357 | 8034 | 334.8 | |
| 26 | 355 | 353 | 354 | 354 | 354 | 352 | 348 | 347 | 344 | 337 | 329 | 318 | 312 | 309 | 309 | 315 | 319 | 329 | 337 | 333 | 346 | 343 | 344 | 349 | 8100 | 337.5 | |
| 27 | 355 | 352 | 352 | 355 | 344 | 335 | 338 | 341 | 343 | 338 | 329 | 324 | 319 | 319 | 315 | 316 | 321 | 329 | 338 | 346 | 338 | 346 | 355 | 356 | 8104 | 337.7 | |
| 28 | 356 | 356 | 353 | 357 | 354 | 352 | 353 | 343 | 340 | 335 | 326 | 320 | 319 | 316 | 315 | 313 | 319 | 322 | 333 | 344 | 352 | 353 | 352 | 354 | 8137 | 339.0 | |
| 29 | 355 | 356 | 351 | 351 | 352 | 352 | 356 | 353 | 343 | 343 | 343 | 349 | 350 | 335 | 323 | 317 | 322 | 340 | 339 | 322 | 338 | 352 | 365 | 366 | 8273 | 344.7 | |
| 30 D | 369 | 365 | 330 | 330 | 323 | 340 | 322 | 318 | 326 | 304 | 313 | 317 | 300 | 287 | 292 | 307 | 308 | 318 | 337 | 352 | 341 | 341 | 335 | 338 | 7813 | 325.5 | |
| Sum. | 10648 | 10691 | 10651 | 10645 | 10614 | 10590 | 10496 | 10409 | 10296 | 10144 | 9956 | 9765 | 9487 | 9392 | 9350 | 9387 | 9622 | 9942 | 10166 | 10294 | 10402 | 10390 | 10502 | 10521 | 244360 | | |
| Mean. | 354.9 | 356.4 | 355.0 | 354.8 | 353.8 | 353.0 | 349.9 | 347.0 | 343.2 | 338.1 | 331.9 | 325.5 | 316.2 | 313.1 | 311.7 | 312.9 | 320.7 | 331.4 | 338.9 | 343.1 | 346.7 | 346.3 | 350.1 | 350.7 | | 339.4 | |

Vertical component, Z, - (36000 + tabulated values) gammas

November 1962

| U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 399 | 397 | 394 | 392 | 391 | 392 | 391 | 390 | 386 | 380 | 378 | 378 | 376 | 372 | 370 | 371 | 374 | 376 | 383 | 386 | 395 | 402 | 394 | 395 | 9262 | 385.9 | |
| 02 | 398 | 398 | 395 | 392 | 393 | 391 | 390 | 390 | 389 | 385 | 382 | 378 | 376 | 379 | 376 | 374 | 374 | 376 | 380 | 384 | 395 | 403 | 415 | 415 | 9329 | 388.7 | |
| 03 | 406 | 403 | 397 | 394 | 393 | 391 | 389 | 384 | 380 | 381 | 374 | 370 | 376 | 374 | 371 | 370 | 375 | 382 | 387 | 389 | 389 | 396 | 404 | 403 | 9278 | 386.6 | |
| 04 | 403 | 398 | 397 | 395 | 389 | 381 | 385 | 383 | 377 | 375 | 374 | 372 | 374 | 370 | 363 | 369 | 378 | 375 | 384 | 394 | 400 | 394 | 403 | 406 | 9239 | 385.0 | |
| 05 | 401 | 399 | 395 | 396 | 395 | 391 | 373 | 356 | 365 | 378 | 374 | 377 | 376 | 376 | 378 | 376 | 376 | 381 | 384 | 388 | 393 | 397 | 394 | 395 | 9214 | 383.9 | |
| 06 D | 396 | 401 | 403 | 399 | 385 | 375 | 383 | 383 | 378 | 374 | 371 | 370 | 366 | 366 | 365 | 364 | 367 | 368 | 366 | 385 | 400 | 399 | 400 | 393 | 9157 | 381.5 | |
| 07 | 395 | 393 | 389 | 387 | 386 | 378 | 383 | 383 | 383 | 378 | 367 | 362 | 366 | 369 | 367 | 367 | 369 | 370 | 378 | 387 | 391 | 394 | 389 | 389 | 9120 | 380.0 | |
| 08 | 395 | 391 | 392 | 391 | 387 | 383 | 384 | 384 | 382 | 378 | 374 | 371 | 369 | 370 | 367 | 366 | 365 | 371 | 377 | 384 | 391 | 392 | 394 | 394 | 9152 | 381.3 | |
| 09 | 393 | 391 | 389 | 389 | 387 | 385 | 385 | 384 | 381 | 378 | 374 | 373 | 369 | 369 | 369 | 367 | 369 | 376 | 380 | 384 | 387 | 390 | 386 | 385 | 9140 | 380.8 | |
| 10 Q | 392 | 394 | 389 | 387 | 386 | 385 | 384 | 381 | 378 | 373 | 370 | 367 | 365 | 362 | 359 | 360 | 365 | 371 | 378 | 386 | 387 | 386 | 383 | 383 | 9071 | 378.0 | |
| 11 | 385 | 387 | 389 | 388 | 388 | 383 | 369 | 362 | 363 | 362 | 362 | 363 | 362 | 358 | 355 | 353 | 362 | 372 | 382 | 386 | 391 | 390 | 390 | 395 | 8997 | 374.9 | |
| 12 Q | 393 | 391 | 388 | 387 | 387 | 386 | 387 | 385 | 381 | 376 | 371 | 369 | 367 | 366 | 362 | 363 | 369 | 378 | 383 | 387 | 388 | 391 | 388 | 388 | 9131 | 380.5 | |
| 13 Q | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 383 | 381 | 378 | 374 | 369 | 364 | 358 | 354 | 358 | 364 | 372 | 377 | 383 | 386 | 384 | 387 | 388 | 9055 | 377.3 | |
| 14 | 387 | 385 | 384 | 384 | 383 | 384 | 383 | 382 | 379 | 376 | 373 | 366 | 361 | 358 | 358 | 358 | 361 | 374 | 376 | 384 | 382 | 379 | 385 | 385 | 9027 | 376.1 | |
| 15 D | 385 | 383 | 382 | 383 | 383 | 374 | 358 | 379 | 377 | 370 | 368 | 354 | 321 | 351 | 357 | 357 | 358 | 365 | 379 | 381 | 407 | 411 | 418 | 421 | 9022 | 375.9 | |
| 16 D | 411 | 401 | 371 | 385 | 394 | 386 | 378 | 379 | 367 | 376 | 370 | 361 | 365 | 368 | 362 | 356 | 365 | 371 | 383 | 393 | 404 | 409 | 404 | 399 | 9158 | 381.6 | |
| 17 | 397 | 387 | 390 | 387 | 387 | 386 | 386 | 385 | 382 | 378 | 374 | 372 | 369 | 364 | 362 | 365 | 372 | 376 | 379 | 383 | 384 | 387 | 387 | 386 | 9125 | 380.2 | |
| 18 Q | 387 | 387 | 387 | 386 | 385 | 383 | 383 | 382 | 380 | 378 | 374 | 369 | 365 | 364 | 363 | 364 | 369 | 374 | 379 | 383 | 385 | 385 | 384 | 384 | 9080 | 378.3 | |
| 19 | 384 | 385 | 387 | 385 | 385 | 383 | 383 | 383 | 382 | 377 | 371 | 369 | 367 | 368 | 366 | 363 | 365 | 369 | 375 | 378 | 381 | 387 | 387 | 385 | 9065 | 377.7 | |
| 20 Q | 389 | 387 | 384 | 383 | 381 | 383 | 381 | 380 | 376 | 371 | 366 | 361 | 358 | 359 | 361 | 358 | 362 | 367 | 370 | 371 | 374 | 378 | 380 | 379 | 8959 | 373.3 | |
| 21 | 388 | 391 | 387 | 381 | 378 | 375 | 370 | 340 | 342 | 337 | 341 | 334 | 334 | 338 | 339 | 347 | 354 | 364 | 374 | 369 | 377 | 383 | 383 | 394 | 8720 | 363.3 | |
| 22 D | 397 | 397 | 387 | 367 | 355 | 343 | 356 | 328 | 336 | 338 | 342 | 351 | 342 | 349 | 366 | 369 | 375 | 384 | 389 | 395 | 397 | 399 | 399 | 402 | 8843 | 368.5 | |
| 23 | 403 | 393 | 392 | 378 | 372 | 365 | 365 | 367 | 362 | 363 | 361 | 359 | 369 | 367 | 367 | 371 | 374 | 383 | 387 | 389 | 389 | 396 | 394 | 390 | 9056 | 377.3 | |
| 24 | --- | 399 | 393 | 389 | 384 | 381 | 379 | 375 | 366 | 362 | 364 | 358 | 350 | 361 | 366 | 368 | 369 | 374 | 372 | 381 | 385 | 387 | 397 | 399 | 8659 | --- | |
| 25 | 393 | 396 | 393 | 385 | 380 | 380 | 373 | 359 | 358 | 361 | 355 | 366 | 359 | 359 | 364 | 365 | 363 | 374 | 381 | 387 | 389 | 383 | 394 | 397 | 9014 | 375.6 | |
| 26 | 396 | 391 | 390 | 387 | 386 | 385 | 383 | 382 | 379 | 372 | 368 | 362 | 358 | 356 | 359 | 365 | 371 | 375 | 373 | 375 | 379 | 378 | 380 | 386 | 9036 | 376.5 | |
| 27 | 396 | 395 | 393 | 393 | 387 | 383 | 385 | 382 | 378 | 377 | 371 | 369 | 366 | 365 | 366 | 366 | 370 | 377 | 383 | 391 | 391 | 393 | 395 | 397 | 9169 | 382.0 | |
| 28 | 394 | 391 | 390 | 391 | 387 | 383 | 376 | 375 | 371 | 368 | 366 | 360 | 363 | 362 | 360 | 359 | 361 | 363 | 373 | 381 | 391 | 392 | 390 | 391 | 9038 | 376.6 | |
| 29 | 389 | 389 | 387 | 387 | 387 | 387 | 386 | 383 | 375 | 371 | 366 | 363 | 363 | 366 | 357 | 353 | 357 | 366 | 371 | 375 | 385 | 390 | 394 | 393 | 9040 | 376.7 | |
| 30 D | 391 | 391 | 380 | 379 | 375 | 349 | 336 | 338 | 344 | 346 | 354 | 364 | 362 | 361 | 370 | 374 | 375 | 379 | 390 | 397 | 393 | 400 | 399 | 396 | 8943 | 372.6 | |
| Sum. | 11428 | 11776 | 11679 | 11612 | 11541 | 11416 | 11329 | 11247 | 11178 | 11118 | 11029 | 10957 | 10878 | 10905 | 10899 | 10916 | 11028 | 11203 | 11373 | 11536 | 11686 | 11755 | 11797 | 11813 | 272099 | | |
| Mean. | 394.1 | 392.5 | 389.3 | 387.1 | 384.5 | 380.5 | 377.6 | 374.9 | 372.6 | 370.6 | 367.6 | 365.2 | 362.6 | 363.5 | 363.3 | 363.9 | 367.6 | 373.4 | 379.1 | 384.5 | 389.5 | 391.8 | 393.2 | 393.8 | | 378.5 | |

| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--|
| 1 | 63.5 | 63.4 | 61.5 | 62.2 | 63.1 | 62.5 | 61.7 | 60.8 | 59.7 | 60.3 | 60.6 | 61.4 | 61.9 | 62.0 | 63.3 | 65.9 | 66.8 | 67.1 | 67.5 | 66.8 | 66.1 | 65.3 | 64.2 | 63.4 | 1521.0 | 63.38 | |
| 2 Q | 63.1 | 62.9 | 62.5 | 62.1 | 61.3 | 60.6 | 59.9 | 58.8 | 57.9 | 58.0 | 59.4 | 59.9 | 61.3 | 62.6 | 63.7 | 64.8 | 65.2 | 66.0 | 66.6 | 65.6 | 64.9 | 64.5 | 64.2 | 64.0 | 1499.4 | 62.48 | |
| 3 | 63.3 | 62.5 | 62.4 | 62.1 | 61.5 | 60.8 | 60.4 | 59.9 | 59.4 | 59.1 | 59.1 | 59.4 | 60.2 | 60.6 | 62.3 | 63.3 | 64.4 | 66.0 | 66.3 | 65.4 | 64.9 | 64.5 | 64.1 | 64.0 | 1495.9 | 62.33 | |
| 4 | 63.6 | 63.1 | 62.3 | 61.9 | 60.1 | 58.6 | 57.5 | 56.7 | 55.2 | 55.2 | 54.6 | 55.1 | 59.9 | 60.7 | 64.5 | 68.1 | 71.5 | 71.3 | 68.9 | 67.6 | 66.1 | 64.5 | 63.6 | 63.4 | 1494.2 | 62.26 | |
| 5 | 60.7 | 61.3 | 62.8 | 62.6 | 62.2 | 61.3 | 60.6 | 59.1 | 58.0 | 58.0 | 59.4 | 59.8 | 61.3 | 62.3 | 64.1 | 66.0 | 67.6 | 68.2 | 67.6 | 66.7 | 65.9 | 64.9 | 64.4 | 64.1 | 1508.9 | 62.87 | |
| 6 Q | 63.4 | 62.9 | 62.6 | 62.3 | 61.7 | 60.8 | 60.3 | 59.4 | 58.6 | 58.0 | 58.5 | 59.5 | 60.8 | 61.4 | 62.3 | 63.7 | 65.7 | 66.0 | 65.9 | 64.8 | 63.5 | 62.8 | 62.9 | 63.1 | 1490.9 | 62.12 | |
| 7 Q | 62.9 | 62.9 | 62.6 | 61.7 | 61.3 | 60.8 | 59.4 | 58.5 | 57.9 | 57.7 | 58.0 | 59.0 | 60.4 | 61.4 | 63.0 | 63.6 | 64.4 | 65.2 | 65.6 | 65.2 | 64.5 | 63.8 | 63.9 | 64.4 | 1488.1 | 62.00 | |
| 8 | 63.8 | 62.9 | 62.2 | 61.7 | 61.3 | 59.9 | 58.5 | 59.0 | 58.9 | 58.9 | 58.9 | 59.5 | 60.8 | 61.4 | 62.7 | 64.5 | 66.7 | 68.6 | 68.9 | 68.0 | 67.6 | 66.0 | 65.9 | 64.9 | 1511.5 | 62.98 | |
| 9 | 63.9 | 63.7 | 62.6 | 61.3 | 58.6 | 58.3 | 58.5 | 57.7 | 57.4 | 57.4 | 57.8 | 60.7 | 61.4 | 61.6 | 62.2 | 63.6 | 65.0 | 65.8 | 65.6 | 64.9 | 64.1 | 63.7 | 63.6 | 63.7 | 1483.1 | 61.60 | |
| 10 | 63.7 | 63.0 | 62.3 | 61.8 | 61.2 | 60.9 | 59.7 | 58.6 | 57.6 | 57.3 | 57.1 | 58.4 | 59.8 | 60.4 | 62.4 | 65.0 | 67.2 | 67.9 | 68.2 | 67.9 | 66.1 | 65.4 | 65.0 | 62.5 | 1499.4 | 62.48 | |
| 11 D | 63.2 | 62.8 | 62.5 | 61.2 | 60.5 | 58.0 | 56.7 | 56.8 | 55.6 | 57.7 | 60.7 | 62.0 | 62.3 | 62.6 | 65.3 | 66.9 | 69.1 | 70.1 | 70.9 | 72.4 | 67.1 | 68.7 | 67.8 | 64.8 | 1525.7 | 63.57 | |
| 12 | 64.4 | 63.7 | 62.4 | 60.3 | 60.6 | 61.3 | 60.7 | 60.0 | 59.2 | 59.9 | 60.3 | 60.8 | 61.8 | 62.7 | 63.9 | 65.8 | 67.2 | 68.0 | 68.5 | 67.8 | 67.1 | 66.8 | 66.7 | 67.2 | 1527.1 | 63.63 | |
| 13 | 64.1 | 61.0 | 59.6 | 61.3 | 62.6 | 61.4 | 60.3 | 58.7 | 58.8 | 59.6 | 60.5 | 61.3 | 63.0 | 64.8 | 66.3 | 67.5 | 67.0 | 67.4 | 66.9 | 65.9 | 65.7 | 65.7 | 64.9 | 65.4 | 1519.7 | 63.32 | |
| 14 | 65.0 | 63.9 | 63.7 | 61.8 | 62.2 | 61.8 | 60.3 | 59.4 | 58.6 | 59.9 | 60.3 | 64.1 | 64.0 | 62.4 | 63.1 | 65.6 | 67.7 | 69.1 | 68.6 | 67.3 | 64.8 | 64.4 | 63.9 | 64.8 | 1526.7 | 63.61 | |
| 15 | 63.8 | 61.8 | 60.2 | 59.5 | 58.0 | 58.5 | 58.5 | 59.6 | 59.5 | 59.7 | 60.6 | 61.3 | 61.5 | 61.4 | 61.6 | 63.2 | 65.4 | 66.9 | 67.9 | 66.9 | 65.9 | 64.8 | 64.0 | 63.7 | 1494.2 | 62.26 | |
| 16 | 63.4 | 63.4 | 62.9 | 62.2 | 61.6 | 61.0 | 60.1 | 59.5 | 58.6 | 57.8 | 57.6 | 58.3 | 59.4 | 61.8 | 63.2 | 64.5 | 66.3 | 67.2 | 67.6 | 66.8 | 64.9 | 63.1 | 62.6 | 63.1 | 1496.9 | 62.37 | |
| 17 D | 62.5 | 62.6 | 62.2 | 61.7 | 60.8 | 60.0 | 59.1 | 58.0 | 58.0 | 57.8 | 56.7 | 56.8 | 58.6 | 60.0 | 61.3 | 63.7 | 68.2 | 74.5 | 74.4 | 74.9 | 75.0 | 71.1 | 66.4 | 65.9 | 1530.2 | 63.76 | |
| 18 D | 64.8 | 63.0 | 52.9 | 58.6 | 61.4 | 61.1 | 60.2 | 59.7 | 59.5 | 60.5 | 60.8 | 62.6 | 65.1 | 64.5 | 67.2 | 67.8 | 69.2 | 70.4 | 72.6 | 74.3 | 72.3 | 70.0 | 68.6 | 67.2 | 1554.3 | 64.76 | |
| 19 D | 63.6 | 59.9 | 60.3 | 59.9 | 61.7 | 61.7 | 59.9 | 57.9 | 60.3 | 59.8 | 60.3 | 61.4 | 62.9 | 64.3 | 64.9 | 67.2 | 69.4 | 70.4 | 71.0 | 68.6 | 68.7 | 66.9 | 63.4 | 64.5 | 1528.9 | 63.70 | |
| 20 D | 63.7 | 62.6 | 62.5 | 61.2 | 59.1 | 60.1 | 60.2 | 59.6 | 61.0 | 59.2 | 61.0 | 61.4 | 61.7 | 63.0 | 64.9 | 66.8 | 69.1 | 70.3 | 70.9 | 71.6 | 68.3 | 63.5 | 64.9 | 65.3 | 1531.9 | 63.83 | |
| 21 | 62.2 | 61.2 | 63.1 | 61.9 | 62.3 | 61.4 | 61.4 | 59.6 | 59.0 | 60.0 | 60.5 | 60.6 | 62.2 | 63.6 | 65.9 | 66.8 | 68.7 | 69.5 | 69.4 | 67.2 | 66.0 | 65.7 | 65.2 | 65.2 | 1528.6 | 63.69 | |
| 22 | 64.8 | 63.3 | 62.7 | 61.7 | 62.2 | 61.9 | 61.6 | 61.1 | 61.6 | 60.4 | 60.2 | 60.8 | 62.2 | 62.1 | 63.1 | 64.9 | 66.7 | 67.8 | 67.7 | 66.3 | 65.1 | 64.2 | 64.0 | 62.9 | 1519.3 | 63.30 | |
| 23 Q | 63.6 | 63.5 | 62.5 | 61.7 | 61.6 | 61.4 | 60.9 | 60.3 | 59.3 | 59.1 | 58.4 | 58.9 | 59.6 | 61.4 | 62.4 | 63.6 | 64.9 | 65.8 | 65.2 | 64.3 | 63.7 | 63.2 | 62.7 | 62.9 | 1490.9 | 62.12 | |
| 24 | 62.6 | 62.5 | 62.5 | 62.5 | 62.2 | 61.7 | 60.9 | 60.2 | 59.2 | 58.3 | 57.4 | 58.4 | 59.9 | 62.2 | 63.0 | 64.8 | 66.0 | 66.8 | 66.3 | 65.4 | 64.9 | 63.6 | 63.0 | 62.9 | 1497.2 | 62.38 | |
| 25 Q | 62.3 | 62.0 | 62.3 | 62.2 | 61.4 | 60.3 | 59.3 | 58.5 | 57.7 | 57.0 | 56.8 | 56.9 | 58.1 | 59.9 | 61.5 | 63.7 | 66.2 | 66.0 | 64.9 | 64.4 | 63.6 | 63.1 | 63.1 | 62.9 | 1474.1 | 61.42 | |
| 26 | 63.1 | 63.2 | 62.8 | 62.1 | 61.2 | 59.2 | 57.5 | 57.6 | 54.8 | 55.8 | 55.7 | 56.8 | 59.1 | 63.5 | 67.7 | 68.0 | 69.7 | 70.2 | 68.7 | 67.7 | 67.0 | 65.5 | 64.1 | 62.3 | 1503.3 | 62.64 | |
| 27 | 64.0 | 63.9 | 63.7 | 63.5 | 62.8 | 62.0 | 61.0 | 59.9 | 58.6 | 58.0 | 57.9 | 58.8 | 59.9 | 61.9 | 64.0 | 66.3 | 67.4 | 67.4 | 65.6 | 64.0 | 63.1 | 62.1 | 61.6 | 63.1 | 1500.5 | 62.52 | |
| 28 | 63.5 | 63.5 | 63.3 | 62.5 | 62.1 | 60.9 | 59.9 | 58.8 | 58.3 | 58.5 | 58.8 | 58.5 | 59.3 | 61.3 | 63.1 | 64.3 | 65.9 | 66.2 | 65.7 | 65.1 | 64.9 | 63.6 | 63.1 | 63.9 | 1495.0 | 62.29 | |
| 29 | 63.6 | 63.4 | 62.6 | 62.1 | 60.8 | 59.1 | 58.3 | 57.6 | 57.9 | 57.7 | 57.9 | 57.8 | 58.3 | 61.3 | 63.2 | 66.1 | 67.8 | 68.2 | 67.5 | 66.3 | 64.6 | 63.5 | 62.2 | 62.6 | 1490.4 | 62.10 | |
| 30 | 62.9 | 62.9 | 62.6 | 62.2 | 61.6 | 60.8 | 60.2 | 59.1 | 57.7 | 56.8 | 57.1 | 58.4 | 60.3 | 61.9 | 63.7 | 66.5 | 68.3 | 68.3 | 67.0 | 65.6 | 64.3 | 63.3 | 62.8 | 62.5 | 1496.8 | 62.37 | |
| 31 | 62.6 | 63.6 | 63.0 | 62.9 | 62.3 | 61.6 | 60.0 | 58.5 | 57.7 | 59.8 | 61.5 | 61.4 | 61.2 | 61.4 | 65.4 | 68.9 | 69.6 | 69.5 | 69.0 | 67.0 | 65.4 | 64.8 | 64.5 | 63.8 | 1525.4 | 63.56 | |
| Sum. | | | | | | | | | | | | | | | | | | | | | | | | | 46749.5 | | |
| 1000+ | 965.6 | 946.3 | 924.3 | 912.7 | 901.3 | 879.7 | 853.1 | 828.9 | 811.5 | 813.2 | 824.4 | 850.0 | 888.2 | 922.4 | 975.2 | | | | | | | | | | | | |
| 2000+ | | | | | | | | | | | | | | | | 031.4 | 084.3 | 112.1 | 107.4 | 082.7 | 046.1 | 013.0 | | | | | |
| Mean. | 63.41 | 62.78 | 62.07 | 61.70 | 61.33 | 60.64 | 59.78 | 59.00 | 58.44 | 58.49 | 58.85 | 59.68 | 60.91 | 62.01 | 63.72 | 65.53 | 67.24 | 68.13 | 67.98 | 67.18 | 66.00 | 64.94 | 64.24 | 64.01 | | 62.84 | |

Horizontal component, H, 23000 gammas + tabulated values

December 1962

| Date | U.T. | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. | |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 01 | | 346 | 354 | 349 | 344 | 340 | 339 | 338 | 336 | 334 | 333 | 330 | 328 | 319 | 313 | 306 | 295 | 304 | 321 | 324 | 326 | 340 | 345 | 348 | 349 | 7961 | 331.7 | |
| 02 | Q | 348 | 348 | 349 | 348 | 345 | 343 | 343 | 340 | 357 | 335 | 334 | 328 | 318 | 306 | 301 | 303 | 314 | 331 | 341 | 346 | 347 | 343 | 338 | 350 | 8036 | 334.8 | |
| 03 | | 360 | 360 | 356 | 342 | 350 | 347 | 347 | 346 | 345 | 344 | 344 | 339 | 334 | 325 | 317 | 323 | 329 | 342 | 343 | 351 | 361 | 368 | 369 | 369 | 8324 | 346.7 | |
| 04 | | 369 | 369 | 368 | 379 | 390 | 389 | 381 | 364 | 350 | 355 | 354 | 352 | 362 | 336 | 326 | 338 | 338 | 304 | 320 | 331 | 342 | 342 | 347 | 357 | 8463 | 352.6 | |
| 05 | | 335 | 356 | 356 | 356 | 357 | 352 | 351 | 347 | 342 | 329 | 325 | 324 | 318 | 308 | 299 | 308 | 323 | 331 | 338 | 341 | 344 | 347 | 349 | 351 | 8087 | 337.0 | |
| 06 | Q | 354 | 356 | 357 | 358 | 356 | 352 | 354 | 351 | 349 | 344 | 340 | 336 | 332 | 325 | 323 | 328 | 338 | 347 | 357 | 359 | 356 | 353 | 347 | 347 | 8319 | 346.6 | |
| 07 | Q | 344 | 362 | 365 | 362 | 361 | 365 | 365 | 361 | 355 | 352 | 347 | 341 | 336 | 328 | 322 | 325 | 330 | 342 | 357 | 362 | 357 | 358 | 356 | 359 | 8422 | 350.9 | |
| 08 | | 368 | 374 | 376 | 375 | 370 | 363 | 358 | 358 | 355 | 351 | 350 | 339 | 328 | 319 | 319 | 323 | 334 | 346 | 357 | 361 | 353 | 337 | 344 | 349 | 8407 | 350.3 | |
| 09 | | 361 | 361 | 361 | 359 | 360 | 365 | 353 | 351 | 345 | 339 | 332 | 335 | 334 | 331 | 331 | 333 | 338 | 341 | 349 | 357 | 359 | 359 | 372 | 361 | 363 | 8394 | 349.8 |
| 10 | | 376 | 366 | 362 | 364 | 360 | 364 | 363 | 361 | 356 | 350 | 345 | 336 | 327 | 322 | 320 | 323 | 326 | 330 | 333 | 336 | 349 | 353 | 359 | 362 | 8343 | 347.6 | |
| 11 | D | 351 | 356 | 358 | 362 | 356 | 344 | 345 | 343 | 327 | 318 | 323 | 325 | 320 | 317 | 310 | 322 | 327 | 342 | 354 | 333 | 335 | 350 | 341 | 323 | 8082 | 336.8 | |
| 12 | | 342 | 349 | 356 | 357 | 355 | 352 | 344 | 339 | 333 | 325 | 322 | 316 | 313 | 310 | 309 | 312 | 327 | 327 | 329 | 330 | 327 | 335 | 361 | 346 | 8016 | 334.0 | |
| 13 | | 340 | 344 | 348 | 355 | 358 | 345 | 339 | 337 | 332 | 331 | 339 | 333 | 328 | 318 | 327 | 327 | 329 | 338 | 342 | 342 | 360 | 355 | 351 | 352 | 8170 | 340.4 | |
| 14 | | 356 | 354 | 351 | 345 | 355 | 356 | 353 | 351 | 343 | 332 | 330 | 333 | 333 | 324 | 310 | 305 | 320 | 323 | 326 | 337 | 341 | 351 | 349 | 358 | 8136 | 339.0 | |
| 15 | | 355 | 357 | 350 | 349 | 358 | 356 | 339 | 345 | 337 | 332 | 329 | 326 | 322 | 321 | 319 | 320 | 322 | 327 | 332 | 331 | 345 | 344 | 348 | 351 | 8115 | 338.1 | |
| 16 | | 351 | 352 | 356 | 357 | 356 | 355 | 354 | 353 | 352 | 348 | 344 | 359 | 333 | 328 | 324 | 322 | 325 | 335 | 343 | 351 | 352 | 361 | 360 | 359 | 8310 | 346.3 | |
| 17 | D | 353 | 363 | 372 | 372 | 372 | 362 | 361 | 357 | 352 | 347 | 340 | 332 | 333 | 328 | 324 | 322 | 325 | 335 | 343 | 351 | 352 | 361 | 360 | 359 | 8312 | 346.3 | |
| 18 | D | 353 | 332 | 341 | 326 | 326 | 332 | 324 | 319 | 317 | 309 | 297 | 297 | 307 | 304 | 285 | 290 | 305 | 311 | 325 | 323 | 325 | 316 | 326 | 342 | 7632 | 318.0 | |
| 19 | D | 346 | 336 | 343 | 344 | 332 | 339 | 339 | 337 | 324 | 324 | 315 | 299 | 303 | 296 | 304 | 290 | 301 | 311 | 317 | 322 | 338 | 341 | 331 | 344 | 7776 | 324.0 | |
| 20 | D | 345 | 353 | 350 | 343 | 336 | 341 | 339 | 333 | 329 | 337 | 336 | 319 | 317 | 304 | 292 | 299 | 302 | 306 | 331 | 322 | 339 | 345 | 333 | 336 | 7887 | 328.6 | |
| 21 | | 330 | 360 | 351 | 345 | 358 | 347 | 343 | 336 | 324 | 318 | 316 | 314 | 306 | 292 | 288 | 306 | 310 | 315 | 321 | 338 | 329 | 332 | 339 | 341 | 7859 | 327.5 | |
| 22 | | 348 | 342 | 343 | 343 | 345 | 339 | 335 | 331 | 326 | 325 | 318 | 312 | 319 | 318 | 318 | 317 | 314 | 324 | 332 | 336 | 338 | 343 | 343 | 341 | 7950 | 331.3 | |
| 23 | Q | 340 | 342 | 344 | 345 | 348 | 344 | 342 | 338 | 332 | 328 | 323 | 318 | 313 | 311 | 315 | 316 | 312 | 317 | 328 | 334 | 339 | 344 | 347 | 344 | 7964 | 331.8 | |
| 24 | | 339 | 339 | 340 | 342 | 342 | 344 | 342 | 339 | 337 | 332 | 326 | 322 | 322 | 324 | 326 | 322 | 330 | 342 | 346 | 343 | 343 | 334 | 348 | 351 | 8075 | 336.5 | |
| 25 | Q | 354 | 353 | 349 | 349 | 347 | 345 | 343 | 343 | 337 | 331 | 322 | 316 | 318 | 322 | 325 | 330 | 333 | 335 | 339 | 344 | 344 | 355 | 355 | 353 | 8141 | 339.2 | |
| 26 | | 356 | 360 | 360 | 360 | 363 | 355 | 356 | 356 | 353 | 348 | 341 | 332 | 313 | 305 | 322 | 335 | 331 | 332 | 328 | 337 | 336 | 351 | 346 | 345 | 8221 | 342.5 | |
| 27 | | 346 | 349 | 343 | 338 | 336 | 335 | 336 | 335 | 335 | 331 | 324 | 313 | 307 | 303 | 304 | 305 | 325 | 343 | 349 | 347 | 341 | 340 | 353 | 353 | 7991 | 333.0 | |
| 28 | | 357 | 353 | 353 | 349 | 346 | 345 | 344 | 342 | 341 | 339 | 332 | 322 | 310 | 305 | 302 | 315 | 325 | 336 | 340 | 340 | 340 | 345 | 358 | 356 | 8095 | 337.3 | |
| 29 | | 359 | 361 | 357 | 354 | 353 | 350 | 347 | 346 | 342 | 336 | 325 | 321 | 313 | 313 | 319 | 323 | 333 | 347 | 347 | 351 | 351 | 349 | 349 | 351 | 8197 | 341.5 | |
| 30 | | 353 | 356 | 362 | 351 | 350 | 348 | 347 | 345 | 340 | 336 | 331 | 326 | 324 | 321 | 316 | 309 | 317 | 336 | 352 | 365 | 364 | 358 | 356 | 349 | 8212 | 342.2 | |
| 31 | | 349 | 354 | 359 | 358 | 361 | 363 | 360 | 356 | 343 | 334 | 346 | 349 | 340 | 326 | 312 | 306 | 313 | 321 | 332 | 331 | 338 | 343 | 347 | 355 | 8196 | 341.5 | |
| Sum. | | 10894 | 10972 | 10985 | 10942 | 10943 | 10876 | 10785 | 10696 | 10524 | 10393 | 10280 | 10122 | 10002 | 9803 | 9718 | 9793 | 10003 | 10208 | 10459 | 10581 | 10684 | 10769 | 10791 | 10867 | 252090 | | |
| Mean. | | 351.4 | 353.9 | 354.4 | 353.0 | 353.0 | 350.8 | 347.9 | 345.0 | 339.5 | 335.3 | 331.6 | 326.5 | 322.6 | 316.2 | 313.5 | 315.9 | 322.7 | 329.3 | 337.4 | 341.3 | 344.6 | 347.4 | 348.1 | 350.5 | | 338.8 | |

Vertical component, Z, - (36000 + tabulated values) gammas

December 1962

| U.T. Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Sum. | Mean. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 01 | 398 | 396 | 391 | 386 | 383 | 384 | 383 | 382 | 380 | 374 | 370 | 367 | 365 | 363 | 360 | 357 | 362 | 375 | 380 | 381 | 391 | 391 | 391 | 391 | 9101 | 379.2 |
| 02 Q | 388 | 386 | 384 | 383 | 381 | 379 | 381 | 381 | 377 | 373 | 370 | 368 | 366 | 363 | 358 | 356 | 362 | 369 | 376 | 381 | 383 | 381 | 378 | 384 | 9008 | 375.3 |
| 03 | 387 | 388 | 386 | 381 | 377 | 377 | 377 | 377 | 376 | 375 | 373 | 368 | 366 | 366 | 362 | 359 | 363 | 371 | 375 | 382 | 387 | 387 | 386 | 384 | 9030 | 378.3 |
| 04 | 382 | 379 | 377 | 381 | 385 | 383 | 375 | 367 | 356 | 356 | 347 | 340 | 343 | 336 | 336 | 346 | 349 | 346 | 371 | 388 | 395 | 396 | 395 | 400 | 8829 | 367.9 |
| 05 | 397 | 395 | 391 | 384 | 382 | 379 | 378 | 375 | 370 | 363 | 358 | 354 | 354 | 354 | 351 | 357 | 362 | 364 | 370 | 370 | 375 | 383 | 381 | 379 | 8926 | 371.9 |
| 06 Q | 382 | 383 | 383 | 381 | 378 | 376 | 375 | 373 | 373 | 370 | 366 | 360 | 359 | 358 | 358 | 359 | 358 | 363 | 370 | 375 | 377 | 380 | 379 | 377 | 8913 | 371.4 |
| 07 Q | 378 | 382 | 382 | 380 | 379 | 379 | 378 | 375 | 370 | 366 | 362 | 358 | 357 | 354 | 354 | 357 | 357 | 361 | 370 | 378 | 376 | 377 | 375 | 375 | 8880 | 370.0 |
| 08 | 379 | 381 | 382 | 379 | 373 | 370 | 370 | 367 | 359 | 352 | 352 | 349 | 346 | 346 | 347 | 352 | 357 | 364 | 370 | 378 | 377 | 372 | 379 | 383 | 8784 | 366.0 |
| 09 | 390 | 387 | 387 | 383 | 376 | 368 | 368 | 371 | 366 | 361 | 355 | 353 | 352 | 352 | 353 | 356 | 355 | 358 | 366 | 373 | 375 | 384 | 377 | 376 | 8842 | 368.4 |
| 10 | 383 | 378 | 375 | 375 | 373 | 374 | 373 | 371 | 365 | 361 | 357 | 353 | 352 | 350 | 348 | 348 | 344 | 346 | 350 | 358 | 372 | 380 | 389 | 391 | 8766 | 365.3 |
| 11 D | 387 | 391 | 390 | 382 | 369 | 361 | 356 | 346 | 342 | 349 | 355 | 359 | 361 | 355 | 353 | 352 | 349 | 356 | 368 | 380 | 383 | 395 | 403 | 391 | 8833 | 368.0 |
| 12 | 396 | 394 | 394 | 391 | 386 | 383 | 377 | 374 | 371 | 366 | 362 | 360 | 359 | 356 | 353 | 355 | 358 | 358 | 364 | 369 | 375 | 384 | 403 | 400 | 8988 | 374.5 |
| 13 | 398 | 398 | 393 | 387 | 384 | 376 | 375 | 379 | 377 | 369 | 366 | 362 | 359 | 357 | 364 | 366 | 362 | 361 | 370 | 379 | 389 | 389 | 390 | 391 | 9041 | 376.7 |
| 14 | 394 | 396 | 391 | 385 | 385 | 385 | 383 | 380 | 374 | 364 | 360 | 356 | 359 | 361 | 355 | 352 | 354 | 354 | 361 | 371 | 375 | 383 | 384 | 388 | 8950 | 372.9 |
| 15 | 389 | 391 | 382 | 375 | 369 | 364 | 355 | 366 | 366 | 362 | 358 | 358 | 358 | 356 | 355 | 355 | 356 | 359 | 366 | 368 | 377 | 381 | 383 | 382 | 8831 | 368.0 |
| 16 | 379 | 379 | 379 | 378 | 377 | 375 | 374 | 373 | 370 | 364 | 360 | 357 | 354 | 353 | 348 | 344 | 347 | 354 | 362 | 372 | 376 | 379 | 378 | 378 | 8810 | 367.1 |
| 17 D | 374 | 375 | 378 | 377 | 378 | 371 | 370 | 366 | 360 | 353 | 351 | 346 | 342 | 336 | 337 | 342 | 341 | 332 | 361 | 385 | 392 | 436 | 427 | 432 | 8862 | 369.3 |
| 18 D | 419 | 407 | 381 | 367 | 383 | 387 | 382 | 380 | 379 | 372 | 364 | 359 | 362 | 364 | 354 | 358 | 370 | 373 | 382 | 393 | 414 | 414 | 411 | 407 | 9182 | 382.6 |
| 19 D | 412 | 398 | 395 | 391 | 376 | 367 | 371 | 355 | 342 | 362 | 358 | 354 | 360 | 355 | 357 | 343 | 346 | 357 | 370 | 382 | 389 | 391 | 391 | 395 | 8917 | 371.5 |
| 20 D | 391 | 391 | 387 | 377 | 366 | 377 | 377 | 371 | 356 | 358 | 350 | 352 | 355 | 354 | 349 | 350 | 350 | 359 | 336 | 381 | 394 | 405 | 391 | 395 | 8872 | 369.7 |
| 21 | 389 | 398 | 387 | 377 | 368 | 368 | 364 | 357 | 359 | 357 | 356 | 354 | 350 | 346 | 350 | 359 | 356 | 361 | 370 | 389 | 386 | 384 | 385 | 382 | 8852 | 368.8 |
| 22 | 384 | 383 | 382 | 382 | 379 | 375 | 373 | 370 | 362 | 364 | 362 | 358 | 359 | 353 | 349 | 346 | 354 | 362 | 371 | 378 | 379 | 384 | 384 | 382 | 8875 | 369.8 |
| 23 Q | 380 | 379 | 381 | 379 | 378 | 378 | 373 | 367 | 368 | 367 | 364 | 359 | 355 | 352 | 355 | 358 | 359 | 361 | 366 | 368 | 368 | 371 | 375 | 376 | 8837 | 368.2 |
| 24 | 375 | 374 | 375 | 375 | 374 | 374 | 372 | 371 | 366 | 364 | 361 | 355 | 353 | 355 | 355 | 355 | 354 | 355 | 361 | 366 | 374 | 375 | 375 | 375 | 8789 | 366.2 |
| 25 Q | 376 | 375 | 375 | 375 | 375 | 374 | 373 | 369 | 364 | 359 | 357 | 354 | 353 | 350 | 349 | 346 | 342 | 344 | 355 | 362 | 364 | 370 | 368 | 370 | 8699 | 362.5 |
| 26 | 372 | 373 | 373 | 371 | 372 | 370 | 370 | 367 | 365 | 358 | 348 | 339 | 330 | 332 | 345 | 355 | 348 | 353 | 356 | 367 | 370 | 387 | 392 | 391 | 8704 | 362.7 |
| 27 | 381 | 379 | 375 | 371 | 369 | 370 | 371 | 370 | 368 | 363 | 358 | 350 | 345 | 343 | 345 | 345 | 350 | 361 | 368 | 371 | 369 | 371 | 375 | 371 | 8739 | 364.1 |
| 28 | 372 | 370 | 371 | 370 | 371 | 371 | 369 | 367 | 366 | 363 | 356 | 350 | 342 | 341 | 341 | 342 | 345 | 351 | 359 | 362 | 362 | 365 | 370 | 375 | 8651 | 360.5 |
| 29 | 375 | 375 | 372 | 370 | 366 | 358 | 359 | 359 | 358 | 357 | 353 | 349 | 342 | 335 | 334 | 338 | 348 | 358 | 359 | 366 | 371 | 371 | 371 | 371 | 8615 | 359.0 |
| 30 | 370 | 371 | 369 | 368 | 366 | 365 | 366 | 363 | 361 | 357 | 353 | 346 | 339 | 341 | 341 | 339 | 342 | 354 | 367 | 375 | 375 | 371 | 372 | 366 | 8637 | 359.9 |
| 31 | 366 | 366 | 369 | 366 | 368 | 367 | 366 | 363 | 357 | 345 | 338 | 338 | 339 | 334 | 334 | 334 | 338 | 346 | 359 | 363 | 374 | 379 | 375 | 371 | 8555 | 356.5 |
| Sum. | 11943 | 11918 | 11837 | 11727 | 11646 | 11585 | 11534 | 11452 | 11323 | 11224 | 11100 | 10985 | 10937 | 10871 | 10850 | 10881 | 10938 | 11086 | 11329 | 11611 | 11764 | 11916 | 11933 | 11929 | 274318 | |
| Mean. | 385.3 | 384.5 | 381.8 | 378.8 | 375.7 | 373.7 | 372.1 | 369.4 | 365.3 | 362.1 | 358.1 | 354.4 | 352.8 | 350.7 | 350.0 | 351.0 | 352.8 | 357.6 | 365.5 | 374.5 | 379.5 | 384.4 | 384.9 | 384.8 | | 368.8 |