# SOLAR RADIATION AND SUNSPOT DATA FOR SEPTEMBER 1945

[Solar Radiation Investigation Section, I. F. HAND, in charge]

## SOLAR RADIATION OBSERVATIONS

Explanations of the tables and references to descriptions of instruments, stations, and methods of observation, and to summaries of data, are given in the January 1944 MONTHLY WEATHER REVIEW, page 43. A list of the pyrheliometric stations also is given on page 45 of the same review.

TABLE 1.—*Solar radiation intensities during September 1945*

[GRAM CALORIES PER MINUTE PER SQUARE CENTIMETER OF NORMAL SURFACE]

| Date | Sun's zenith distance | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7:30 a. m. | 78.7° | 75.7° | 70.7° | 60.0° | 0.0° | 60.0° | 70.7° | 75.7° | 78.7° | 1:30 p. m. |
| | 75th mer. time | Air mass | | | | | | | | | 75th mer. time |
| | | A. M. | | | | *1.0 | P. M. | | | | |
| | e. | 5.0 | 4.0 | 3.0 | 2.0 | | 2.0 | 3.0 | 4.0 | 5.0 | e. |
| **MADISON, WIS.** | | | | | | | | | | | |
| | *mb.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *mb.* |
| Sept. 6 | 17.7 | 0.47 | 0.54 | 0.75 | 0.88 | 1.26 | ------ | ------ | ------ | ------ | 19.6 |
| Sept. 7 | 22.6 | ------ | ------ | .69 | .84 | 1.20 | ------ | ------ | ------ | ------ | 25.0 |
| Sept. 10 | 11.8 | .83 | .95 | 1.02 | 1.15 | 1.29 | ------ | ------ | ------ | ------ | 10.6 |
| Sept. 17 | 11.0 | .53 | .60 | .75 | 1.03 | 1.26 | ------ | ------ | ------ | ------ | 12.7 |
| Sept. 20 | 8.7 | .77 | .88 | 1.01 | 1.18 | 1.40 | ------ | ------ | ------ | ------ | 10.2 |
| Sept. 21 | 8.4 | .71 | .80 | .90 | 1.13 | 1.22 | ------ | ------ | ------ | ------ | 9.4 |
| Sept. 29 | 5.3 | ------ | 1.02 | 1.14 | 1.30 | 1.40 | ------ | ------ | ------ | ------ | 7.8 |
| Means | ------ | .66 | .80 | .89 | 1.07 | 1.29 | ------ | ------ | ------ | ------ | ------ |
| Departures | ------ | −.07 | −.06 | −.10 | −.07 | −.09 | ------ | ------ | ------ | ------ | ------ |
| **LINCOLN, NEBR.** | | | | | | | | | | | |
| Sept. 1 | 15.3 | ------ | ------ | 0.97 | 1.08 | 1.31 | ------ | ------ | ------ | ------ | 14.6 |
| Sept. 4 | 14.6 | ------ | ------ | .84 | 1.01 | 1.23 | 1.01 | 0.82 | 0.69 | 0.58 | 16.4 |
| Sept. 6 | 14.6 | ------ | 0.69 | .82 | .99 | 1.23 | .99 | .75 | .64 | .54 | 15.3 |
| Sept. 7 | 14.6 | ------ | 0.69 | .84 | 1.03 | 1.26 | ------ | ------ | ------ | ------ | 17.7 |
| Sept. 8 | 16.4 | ------ | ------ | 1.12 | ------ | ------ | ------ | ------ | ------ | ------ | 10.6 |
| Sept. 10 | 8.1 | 0.79 | .92 | 1.11 | 1.28 | 1.40 | ------ | ------ | ------ | ------ | 8.7 |
| Sept. 11 | 8.7 | .72 | .83 | .98 | 1.17 | 1.33 | ------ | ------ | ------ | ------ | 10.2 |
| Sept. 14 | 9.1 | .79 | .90 | 1.01 | 1.20 | 1.35 | 1.22 | 1.06 | .88 | .77 | 10.2 |
| Sept. 15 | 8.7 | ------ | .75 | .96 | 1.14 | 1.31 | ------ | ------ | ------ | ------ | 11.4 |
| Sept. 18 | 15.8 | .54 | .64 | .79 | .99 | ------ | ------ | ------ | ------ | ------ | 18.3 |
| Sept. 19 | 11.0 | ------ | ------ | ------ | ------ | 1.42 | 1.30 | 1.14 | 1.01 | .90 | 9.1 |
| Sept. 20 | 7.2 | .85 | .98 | 1.05 | 1.22 | 1.40 | 1.25 | 1.10 | .88 | .84 | 8.7 |
| Sept. 24 | 9.4 | ------ | ------ | ------ | 1.22 | 1.40 | ------ | ------ | ------ | ------ | 9.1 |
| Sept. 25 | 8.7 | 1.01 | 1.09 | 1.18 | 1.27 | ------ | 1.23 | ------ | ------ | ------ | 9.8 |
| Means | ------ | .78 | .83 | .97 | 1.13 | 1.33 | 1.17 | .97 | .82 | .73 | ------ |
| Departures | ------ | +.04 | −.01 | .00 | −.01 | −.08 | +.01 | .00 | −.01 | +.01 | ------ |
| **ALBUQUERQUE, N. MEX.** | | | | | | | | | | | |
| Sept. 1 | 12.7 | ------ | ------ | ------ | ------ | 1.50 | ------ | ------ | ------ | ------ | 12.7 |
| Sept. 2 | 9.8 | 0.81 | 0.91 | 1.02 | 1.16 | ------ | ------ | ------ | ------ | ------ | 9.8 |
| Sept. 3 | 7.9 | .83 | .91 | ------ | 1.16 | 1.44 | 1.25 | ------ | ------ | ------ | 8.5 |
| Sept. 4 | 7.9 | .74 | .85 | .94 | 1.09 | 1.51 | 1.22 | 1.12 | 0.99 | ------ | 7.3 |
| Sept. 5 | 6.3 | .74 | ------ | ------ | 1.11 | 1.48 | 1.20 | ------ | ------ | ------ | 8.2 |
| Sept. 6 | 6.5 | .78 | .85 | 1.01 | 1.16 | 1.48 | 1.08 | ------ | ------ | ------ | 7.3 |
| Sept. 7 | 7.6 | .65 | .72 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | 8.8 |
| Sept. 8 | 8.8 | ------ | ------ | ------ | ------ | ------ | 1.23 | 1.03 | .91 | 0.74 | 9.8 |
| Sept. 10 | 6.5 | .74 | .86 | 1.00 | 1.20 | 1.53 | ------ | 1.05 | .93 | .81 | 7.6 |
| Sept. 11 | 9.5 | .81 | .93 | 1.05 | 1.21 | 1.47 | 1.35 | 1.23 | 1.12 | 1.04 | 7.6 |

TABLE 1.—*Solar radiation intensities during September 1945*—Con.

| Date | Sun's zenith distance | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7:30 a. m. | 78.7° | 75.7° | 70.7° | 60.0° | 0.0° | 60.0° | 70.7° | 75.7° | 78.7° | 1:30 p. m. |
| | 75th mer. time | Air mass | | | | | | | | | 75th mer. time |
| | | A. M. | | | | *1.0 | P. M. | | | | |
| | e. | 5.0 | 4.0 | 3.0 | 2.0 | | 2.0 | 3.0 | 4.0 | 5.0 | e. |
| **ALBUQUERQUE, N. MEX.—Continued** | | | | | | | | | | | |
| | *mb.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *cal.* | *mb.* |
| Sept. 12 | 2.3 | .94 | 1.05 | 1.16 | 1.25 | 1.50 | 1.15 | .99 | .83 | ------ | 4.8 |
| Sept. 13 | 5.0 | .83 | .94 | 1.06 | 1.22 | 1.49 | 1.25 | 1.06 | .94 | .82 | 5.4 |
| Sept. 14 | 5.0 | .68 | .82 | .95 | 1.16 | 1.54 | 1.17 | ------ | .93 | .84 | 6.3 |
| Sept. 15 | 3.4 | .80 | .92 | 1.03 | 1.18 | 1.46 | ------ | ------ | ------ | ------ | 5.4 |
| Sept. 17 | 4.8 | .84 | .97 | 1.08 | 1.22 | 1.52 | 1.22 | 1.06 | .95 | .85 | 2.7 |
| Sept. 18 | 6.3 | .75 | .86 | .99 | 1.18 | ------ | ------ | ------ | ------ | ------ | 5.2 |
| Sept. 19 | 6.5 | ------ | ------ | ------ | ------ | ------ | 1.11 | ------ | ------ | ------ | 6.8 |
| Sept. 20 | 5.8 | ------ | ------ | ------ | ------ | 1.57 | ------ | ------ | ------ | ------ | 7.3 |
| Sept. 21 | 8.2 | ------ | ------ | ------ | ------ | 1.55 | ------ | ------ | ------ | ------ | 8.2 |
| Sept. 22 | 8.5 | .90 | 1.01 | 1.12 | 1.28 | 1.54 | 1.26 | 1.10 | .97 | .88 | 4.8 |
| Sept. 23 | 5.2 | .94 | 1.03 | 1.16 | 1.32 | ------ | 1.34 | 1.18 | 1.06 | .95 | 4.8 |
| Sept. 24 | 4.2 | .99 | 1.08 | 1.15 | 1.31 | 1.53 | 1.32 | 1.16 | 1.07 | .98 | 5.8 |
| Sept. 25 | 3.6 | 1.01 | 1.09 | 1.20 | 1.32 | ------ | 1.32 | 1.16 | 1.05 | .97 | 5.0 |
| Sept. 26 | 2.6 | 1.00 | 1.08 | 1.20 | 1.34 | ------ | ------ | ------ | 1.11 | 1.01 | 4.4 |
| Sept. 27 | 3.3 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | .93 | .82 | 3.0 |
| Sept. 28 | 4.8 | 1.01 | 1.08 | 1.17 | 1.30 | ------ | 1.18 | .88 | .68 | ------ | 4.6 |
| Sept. 30 | 6.0 | ------ | ------ | ------ | ------ | ------ | 1.20 | 1.05 | .88 | ------ | 5.8 |
| Means | ------ | .84 | .95 | 1.08 | 1.22 | 1.51 | 1.23 | 1.08 | .96 | .89 | ------ |
| Departures | ------ | .00 | −.01 | .00 | .00 | +.02 | −.03 | −.03 | −.04 | −.04 | ------ |
| **BLUE HILL, MASS.** | | | | | | | | | | | |
| Sept. 1 | 22.6 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ | 0.94 | 25.2 |
| Sept. 3 | 13.7 | 0.94 | 1.00 | 1.07 | 1.21 | ------ | 1.27 | 1.11 | 0.98 | .90 | 11.4 |
| Sept. 4 | 11.0 | ------ | ------ | ------ | ------ | ------ | 1.14 | .97 | .83 | .73 | 14.2 |
| Sept. 5 | 12.4 | .48 | .58 | .75 | .95 | ------ | .82 | .64 | .48 | .35 | 17.1 |
| Sept. 6 | 15.7 | .28 | .38 | .52 | .68 | ------ | ------ | ------ | ------ | ------ | 21.3 |
| Sept. 7 | 16.7 | .40 | .51 | .66 | .89 | ------ | .87 | .59 | .46 | .37 | 23.5 |
| Sept. 8 | 19.4 | .56 | .66 | .84 | 1.06 | ------ | ------ | .83 | ------ | ------ | 19.7 |
| Sept. 10 | 19.8 | ------ | ------ | ------ | ------ | ------ | 1.07 | ------ | ------ | ------ | 24.3 |
| Sept. 12 | 18.0 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ | .60 | 17.1 |
| Sept. 13 | 12.3 | ------ | ------ | ------ | ------ | ------ | ------ | .86 | .67 | .54 | 14.0 |
| Sept. 14 | 15.4 | .46 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ | 17.3 |
| Sept. 21 | 16.5 | ------ | ------ | ------ | ------ | ------ | 1.15 | .94 | .74 | .64 | 8.9 |
| Sept. 22 | 8.9 | .92 | 1.02 | 1.12 | 1.28 | 1.50 | 1.32 | 1.16 | 1.05 | .95 | 9.0 |
| Sept. 23 | 10.2 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ | .66 | 12.2 |
| Sept. 25 | 21.4 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | .51 | .42 | 25.8 |
| Sept. 27 | 11.2 | .81 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ | 14.6 |
| Sept. 29 | 22.9 | ------ | ------ | ------ | 1.04 | ------ | ------ | ------ | ------ | ------ | 24.0 |
| Sept. 30 | 6.6 | ------ | 1.04 | 1.14 | ------ | 1.49 | 1.37 | 1.20 | 1.06 | .95 | 6.1 |
| Means | ------ | .61 | .74 | .87 | 1.01 | (1.50) | 1.13 | .92 | .75 | .67 | ------ |
| Departures | ------ | −.17 | −.14 | −.13 | −.12 | +.12 | .00 | −.02 | −.04 | .00 | ------ |
| **BOSTON, MASS.** | | | | | | | | | | | |
| Sept. 4 | 11.0 | 0.71 | ------ | ------ | ------ | ------ | 1.11 | ------ | ------ | ------ | 14.2 |
| Sept. 5 | 12.7 | ------ | ------ | ------ | ------ | 1.06 | .76 | ------ | ------ | ------ | 16.5 |
| Sept. 9 | 19.0 | 0.36 | 0.52 | 0.63 | 0.87 | 1.02 | ------ | ------ | ------ | ------ | 17.7 |
| Means | ------ | (0.54) | (0.52) | (0.63) | (0.87) | (1.04) | (0.94) | ------ | ------ | ------ | ------ |
| Departures | ------ | .00 | .00 | −.25 | −.17 | −.22 | .00 | ------ | ------ | ------ | ------ |
| **RATIO, BOSTON/BLUE HILL, ON COMPARABLE DATES** | | | | | | | | | | | |
| | ------ | ------ | ------ | ------ | ------ | ------ | (0.96) | ------ | ------ | ------ | ------ |

*Extrapolated.

TABLE 2.—*Daily totals and weekly means of solar radiation (direct + diffuse) received on a horizontal surface*

[Gram calories per square centimeter]

| Date | Washington, D.C. | Madison, Wis. | Lincoln, Nebr. | East Lansing, Mich. | New York, N.Y. | Fresno, Calif. | Fairbanks, Alaska | Columbia, Mo. | Boston, Mass. | Nashville, Tenn. | Twin Falls, Idaho | La Jolla, Calif. | Riverside, Calif. | Blue Hill, Mass. | Newport, R. I. | State College, Pa. | Put-in-Bay, Ohio | East Wareham, Mass. | Davis, Calif. | Boulder, Colo. | Tooele, Utah | New Orleans, La. | Toronto, Canada |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *1945* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* | *Cal.* |
| Sept. 3 | 427 | 412 | 412 | 437 | 525 | 537 | 260 | 531 | 569 | 557 | 278 | 557 | 572 | 574 | 445 | 458 | 530 | 546 | 568 | 519 | 540 | 620 | 563 |
| Sept. 4 | 439 | 540 | 463 | 444 | 537 | 554 | 182 | 600 | 471 | 573 | 352 | 553 | 566 | 526 | 444 | 446 | 557 | 470 | 603 | 483 | 579 | 633 | 456 |
| Sept. 5 | 496 | 528 | 218 | 435 | 424 | 565 | 231 | 562 | 447 | 323 | 536 | 414 | 585 | 512 | 483 | 534 | 535 | 506 | 576 | 473 | 572 | 228 | 443 |
| Sept. 6 | 310 | 565 | 479 | 463 | 365 | 576 | 112 | 437 | 380 | 550 | 527 | 476 | 559 | 460 | 449 | 553 | 553 | 476 | 609 | 424 | 590 | 408 | 444 |
| Sept. 7 | 244 | 491 | 464 | 321 | 334 | 547 | 242 | 251 | 429 | 506 | 547 | 277 | 575 | 479 | 451 | 506 | 470 | 479 | 602 | 493 | 710 | 543 | 407 |
| Sept. 8 | 364 | 379 | 518 | 333 | 408 | 538 | 260 | 544 | 468 | 392 | 542 | 135 | 241 | 498 | 450 | 317 | 411 | 470 | 518 | 584 | 665 | 184 | 335 |
| Sept. 9 | 375 | 515 | 158 | 421 | 393 | 509 | 258 | 538 | 259 | 546 | 550 | 450 | 492 | 398 | 351 | 286 | 519 | 297 | 563 | 553 | 700 | 263 | 282 |
| Means | 379 | 490 | 387 | 408 | 427 | 546 | 221 | 495 | 432 | 492 | 476 | 409 | 513 | 492 | 439 | 443 | 511 | 463 | 577 | 504 | 622 | 411 | 419 |
| Departures | −12 | +110 | −52 | +68 | +60 | −14 | +9 | +3 | +84 | +99 | −31 | −75 | +24 | +114 | +17 | +56 | +98 | +74 | +3 | +18 | −15 | −12 | ----- |
| Sept. 10 | 400 | 480 | 487 | 186 | 337 | 514 | 233 | 574 | 296 | 170 | 533 | 514 | 530 | 289 | 346 | 406 | 232 | 347 | 540 | 559 | 687 | 398 | 407 |
| Sept. 11 | 335 | 227 | 456 | 249 | 141 | 517 | 105 | 574 | 191 | 573 | 516 | 517 | 527 | 238 | 348 | 386 | 323 | 386 | 522 | 472 | 667 | 370 | 398 |
| Sept. 12 | 534 | 273 | 168 | 178 | 499 | 514 | 106 | 42 | 281 | 444 | 529 | 478 | 518 | 346 | 302 | 487 | 264 | 283 | 490 | 479 | 635 | 185 | 229 |
| Sept. 13 | 438 | 489 | 431 | 132 | 367 | 503 | ------- | 26 | 421 | 188 | 504 | 317 | 511 | 485 | 461 | 449 | 328 | 484 | 472 | 587 | 646 | 350 | 402 |
| Sept. 14 | 321 | 79 | 521 | 310 | 69 | 502 | 96 | 78 | 162 | 476 | 413 | 380 | 487 | 225 | 279 | 128 | 324 | 348 | 510 | 402 | 545 | 639 | 144 |
| Sept. 15 | 159 | 287 | 492 | 307 | 116 | 502 | 80 | 560 | 207 | 85 | 454 | 419 | 509 | 213 | 217 | 329 | 284 | 169 | 506 | 322 | 502 | 624 | 321 |
| Sept. 16 | 249 | 555 | 408 | 416 | 379 | 505 | 123 | 554 | 418 | 521 | 492 | 457 | 467 | 468 | 419 | 482 | 290 | 460 | 540 | 214 | 638 | 618 | 492 |
| Means | 348 | 341 | 423 | 254 | 273 | 508 | 124 | 344 | 282 | 351 | 492 | 440 | 507 | 323 | 339 | 381 | 292 | 354 | 511 | 434 | 617 | 455 | 342 |
| Departures | −29 | −1 | +5 | −48 | −82 | −20 | −76 | −58 | −21 | −11 | +17 | −15 | +46 | −45 | −44 | +7 | −80 | +5 | −27 | −36 | +25 | +88 | ----- |
| Sept. 17 | 35 | 495 | 167 | 370 | 41 | 513 | 195 | 573 | 169 | 512 | 361 | 366 | 436 | 185 | 128 | 61 | 250 | 158 | 542 | 442 | 619 | 461 | 293 |
| Sept. 18 | 177 | 408 | 466 | 116 | 19 | 509 | 329 | 526 | 88 | 456 | 497 | 276 | 95 | 112 | 83 | 50 | 85 | 121 | 503 | 345 | 334 | 136 | 27 |
| Sept. 19 | 355 | 284 | 435 | 202 | 162 | 512 | 304 | 337 | 188 | 375 | 490 | 283 | 394 | 189 | 228 | 88 | 112 | 209 | 509 | 435 | 616 | 526 | 79 |
| Sept. 20 | 372 | 531 | 491 | 331 | 79 | 489 | 199 | 504 | 90 | 468 | 219 | 240 | 243 | 117 | 100 | 377 | 150 | 126 | 443 | 532 | 544 | 303 | 125 |
| Sept. 21 | 423 | 463 | 392 | 417 | 463 | 214 | 31 | 103 | 383 | 419 | 67 | 240 | 188 | 444 | 432 | 496 | 348 | 424 | 468 | 473 | 152 | 404 | 430 |
| Sept. 22 | 518 | 104 | 412 | 276 | 504 | 526 | 92 | 240 | 422 | 469 | 285 | 435 | 497 | 499 | 482 | 496 | 368 | 508 | 494 | 497 | 511 | 501 | 455 |
| Sept. 23 | 120 | 334 | 438 | 246 | 118 | 527 | 50 | 336 | 307 | 246 | 349 | 518 | 522 | 281 | 231 | 90 | 360 | 352 | 519 | 412 | 605 | 551 | 92 |
| Means | 286 | 374 | 400 | 280 | 198 | 470 | 172 | 374 | 235 | 421 | 324 | 337 | 339 | 261 | 241 | 237 | 259 | 271 | 497 | 448 | 483 | 412 | 214 |
| Departures | −81 | +21 | −5 | −10 | −130 | −18 | +9 | +43 | −38 | +75 | −107 | −74 | −125 | −90 | −105 | −121 | −96 | −54 | −14 | +22 | −38 | +66 | ----- |
| Sept. 24 | 128 | 385 | 321 | 93 | 231 | 519 | 175 | 31 | 89 | 220 | 464 | 502 | 512 | 119 | 215 | 228 | 243 | 197 | 522 | 467 | 601 | 275 | 228 |
| Sept. 25 | 438 | 452 | 450 | 36 | 212 | 511 | 228 | 168 | 317 | 100 | 367 | 504 | 503 | 281 | 157 | 431 | 78 | 205 | 508 | 476 | 592 | 485 | 55 |
| Sept. 26 | 367 | 201 | 116 | 315 | 245 | 498 | 137 | 311 | 222 | 315 | 355 | 427 | 439 | 214 | 247 | 234 | 461 | 238 | 526 | 434 | 439 | 444 | 408 |
| Sept. 27 | 219 | 260 | 50 | 197 | 260 | 486 | 63 | 147 | 306 | 364 | 449 | 455 | 469 | 340 | 411 | 133 | 116 | 404 | 524 | 60 | 356 | 404 | 229 |
| Sept. 28 | 418 | 88 | 30 | 49 | 132 | 477 | 43 | 58 | 36 | 329 | 451 | 480 | 523 | 79 | 97 | 406 | 190 | 93 | 512 | 169 | 584 | 415 | 174 |
| Sept. 29 | 372 | 440 | 329 | 266 | 317 | 486 | 177 | 95 | 286 | 349 | 446 | 489 | 510 | 310 | 327 | 161 | 50 | 375 | 481 | 208 | 566 | 159 | 173 |
| Sept. 30 | 102 | 136 | 36 | 190 | 399 | 463 | 49 | 104 | 381 | 365 | 434 | 478 | 482 | 447 | 373 | 446 | 186 | 359 | 458 | 57 | 571 | 394 | 362 |
| Means | 292 | 280 | 190 | 164 | 256 | 491 | 124 | 130 | 231 | 292 | 424 | 477 | 491 | 256 | 261 | 292 | 189 | 267 | 504 | 267 | 530 | 368 | 233 |
| Departures | −54 | −18 | −165 | −113 | −56 | +37 | −7 | −130 | −53 | −38 | −10 | +94 | +43 | −86 | −82 | −24 | −132 | −55 | +20 | −89 | +59 | −7 | ----- |

ACCUMULATED DEPARTURES ON SEPTEMBER 30, 1945

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| +2,044 | +9,758 | −6,790 | −5,124 | −8,267 | +455 | −3,619 | ------ | −2,345 | −938 | −9,156 | −15,148 | +5,474 | −6,678 | −9,317 | +2,555 | +266 | −1,050 | −980 | ------ | ------ | ------ | ----- |