

Bulletin de l'Observatoire de Nice

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Par l'ACADÉMIE des SCIENCES (Fondation LOUTREUIL)

N° 53

1928

3 Décembre

M. GONNESSIAT (Alger ; équat. phot.)

| 1928 | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|-----------|------------|---------|------|-------------|---------|----------|--------|
| Oct. | | | | h. m. | o ' " | m. " | |
| 26.0 | 674 | | 9.9 | 2. 6.2 | + 1.41 | +0.7 + 9 | B. J. |
| 26.0 | 423 | | 10.2 | 2.16.8 | + 3. 2 | 0.0 0 | B. J. |
| 26.0 | 503 | | 12.9 | 3.10.9 | +17.41 | +4.3 +36 | B. J. |
| 26.1 | 494 | | 12.1 | 2.58.5 | +17.39 | +0.7 + 4 | B. J. |
| 26.1 | 213 | | 12.2 | 4.43.6 | +13.50 | +0.4 + 1 | Ni 51 |
| 26.1 | 387 | | 11.3 | 5. 4.8 | + 0.35 | 0.0 - 3 | Ni 51 |
| Nov. | | | | | | | |
| 13.8 | 702 | | 10.8 | 0.29.3 | + 33.53 | — — | — |
| 13.8 | 932 | | 13.3 | 21.44.0 | — 1.21 | +6.3 +11 | BZ 28 |
| 15.8 | 1 | | 8.6 | 22.46.8 | —20.50 | 0.0 0 | BAA |
| 15.8 | 4 | | 6.6 | 0.55.0 | — 5.20 | —0.1 0 | BAA |
| 17.9 1928 | RV | | 13.6 | 0.14.3 | — 4. 2 | +0.1 - 1 | BZ 41 |

Pour **387**, l'éphéméride du RI (p. 85) ne correspond pas aux corrections données p. 96.

M. FILIPPOFF (Alger ; équat. phot.)

| Oct. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|------|------------------------|---------|------|-------------|---------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 22.9 | 24 | | 11.5 | 0.36.1 | + 3.28 | —1.0 - 7 | B. J. |
| 24.9 | 322 | | 11.4 | 2.15.3 | + 23.12 | —0.3 + 1 | B. J. |
| 24.9 | 124 | | 10.6 | 1.55.8 | +10. 0 | —0.3 - 2 | B. J. |
| 24.9 | 202 | | 11.8 | 2.28.8 | + 1.23 | —0.2 - 2 | B. J. |
| 25.0 | 235 | | 10.7 | 3.33.8 | +11. 6 | —1.5 - 6 | B. J. |
| 25.0 | 215 | | 12.1 | 3.52.0 | +21.18 | +0.6 + 3 | B. J. |
| Nov. | | | | | | | |
| 3.9 | 401 | | 13.6 | 0.27.3 | — 0.31 | +1.0 + 9 | B. J. |
| 3.9 | 886 | | 12.0 | 0.48.6 | —14. 4 | +3.8 +33 | B. J. |
| 3.9 | 885 | | 13.4 | 1.52.5 | + 6.32 | +6.6 +34 | B. J. |
| 3.9 | 729 | | 13.2 | 1.54.8 | —15.50 | +2.4 +12 | B. J. |
| 3.9 | 717 | | 13.6 | 1.14.4 | +10. 3 | +4.8 +32 | B. J. |
| 5.8 | 805 | | 14.0 | 21.50.1 | —12. 5 | —0.1 - 1 | BZ 37 |
| 5.9 | 785 | | 13.1 | 0.58.9 | — 8.55 | +6.2 +51 | B. J. |
| 10.9 | 745 | | 14.3 | 1.55.5 | — 8.40 | +3.1 +11 | B. J. |
| 12.9 | 745 | | 14.3 | 1.54.2 | — 8.42 | +3.1 +11 | B. J. |
| 12.9 | 100² | | 14.1 | 0.38.3 | +16.50 | +1.1 +13 | B. J. |
| 13.9 | 785 | | 13.9 | 0.54.1 | — 8.42 | +6.0 +53 | B. J. |
| 13.9 | 240 | | 10.7 | 4.18.6 | +18. 8 | +8.1 +23 | B. J. |
| 13.9 | 503 | | 11.9 | 2.54.1 | +17.39 | +4.4 +38 | B. J. |
| 13.9 | 859 | | 13.5 | 5.51.7 | +35.58 | +1.2 + 4 | B. J. |
| 13.9 | 479 | | 11.3 | 4.21.7 | + 5.48 | —7.7 -26 | B. J. |
| 15.9 | 644 | | 11.4 | 3.12.8 | +16.18 | +3.1 +13 | B. J. |
| 15.9 | 786 | | 13.0 | 3.21.4 | + 5.12 | +2.6 +33 | B. J. |
| 16.0 | 233 | | 12.0 | 4. 7.0 | +17.11 | —2.1 - 7 | B. J. |
| 16.9 | 807 | | 14.5 | 1.34.8 | — 6.48 | +1.6 + 6 | B. J. |
| 17.9 | 578 | | 12.7 | 4.27.3 | +26.57 | —5.8 -15 | B. J. |
| 17.9 | 596 | | 13.0 | 1.15.5 | — 7.18 | —0.6 - 5 | B. J. |
| 19.9 | 987 | | 13.8 | 5.37.0 | +35. 3 | +3.9 - 4 | B. J. |
| 19.9 | 844 | | 13.5 | 5.30.7 | +35.39 | +3.7 - 6 | B. J. |
| 20.0 | 240 | | 11.2 | 4.13.2 | +17.58 | +8.1 +24 | B. J. |
| 20.0 | 479 | | 11.5 | 4.16.6 | + 5.36 | —7.9 -27 | B. J. |
| 20.9 | 388 | | 11.6 | 2.27.9 | +22.35 | +0.9 + 4 | B. J. |
| 20.9 | 21 | | 9.9 | 2.28.8 | +11.37 | —0.1 0 | B. J. |
| 20.9 | 397 | | 11.0 | 2.36.7 | +14.53 | —0.3 - 6 | B. J. |
| 20.9 | 164 | | 10.6 | 4.37.4 | +10.11 | —4.6 -32 | B. J. |
| 20.9 | 387 | | 12.1 | 4.47.1 | — 0.40 | — — | — |

Pour 729, les ~~22~~ données dans Ni 37, ne donnent que les écarts : +0.^m7 ; +3'.

M. BOYER (Alger ; équat. phot.)

| Nov. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|-----------|------------|---------|------|-------------|--------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 12.0 | 527 | | 12.6 | 3.16.0 | + 2.54 | —2.8 -13 | B. J. |
| 12.0 | 786 | | 12.7 | 3.24.5 | + 5.16 | +2.6 +32 | B. J. |
| 15.0 | 676 | | 12.2 | 4. 7.3 | + 1.33 | +3.6 +10 | B. J. |
| 16.8 | 790 | | 12.5 | 1.30.8 | +27.38 | +4.0 + 9 | B. J. |
| 16.8 1928 | RZ | | 13.2 | 23.44.7 | + 1.58 | —0.5 - 3 | B. J. |
| 19.0 | 274 | | 14.0 | 4.14.5 | +18.32 | +1.3 - 6 | BZ 42 |
| 19.0 | 240 | | 11.3 | 4.14.1 | +17.59 | +8.0 +23 | B. J. |
| 19.0 | 986 | | 13.0 | 5.34.7 | +16. 6 | +0.9 + 9 | B. J. |

M. COMAS SOLA (Barcelone; équat. phot.)

| 1928 | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|------|------------|---------|------|-------------|--------|----------|--------|
| Oct. | | | | h. m. | o ' " | m. " | |
| 23.0 | 397 | | 10.8 | 2.58.1 | +21. 3 | 0.0 + 1 | B. J. |
| 23.0 | 90 | | 11.7 | 2.59.8 | +15.22 | +1.2 + 7 | B. J. |
| 23.0 | 494 | | 12.6 | 3. 1.1 | +17.44 | +0.8 + 6 | B. J. |
| 23.0 | 651 | | 13.0 | 3. 3.3 | +18.11 | +3.7 +30 | B. J. |
| 23.0 | 508 | | 12.4 | 3.13.3 | +17.39 | +4.5 +37 | B. J. |
| Nov. | | | | | | | |
| 5.0 | 906 | | 12.2 | 3.33.0 | +22.42 | +0.9 + 7 | B. J. |
| 5.0 | 523 | | 12.1 | 3.36.4 | +23. 5 | +3.1 + 9 | B. J. |
| 5.0 | 215 | | 12.7 | 3.43.4 | +21. 0 | +0.8 + 7 | B. J. |
| 5.0 | 158 | | 12.0 | 4. 3.7 | +21.51 | —1.1 - 3 | B. J. |

M. VOLTA (Turin ; équat. phot.)

| Oct. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|------|------------|---------|------|-------------|--------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 24.1 | 360 | | 12.5 | 8.55.9 | +12.42 | — — | — |
| 25.1 | 360 | | 12.5 | 8.57.1 | +12.39 | — — | — |
| Nov. | | | | | | | |
| 4.9 | 376 | | 12.5 | 3.18.1 | +26.47 | —3.5 -11 | B. J. |
| 4.9 | 906 | | 12.0 | 3.33.1 | +22.42 | +0.9 + 7 | B. J. |
| 4.9 | 523 | | 11.5 | 3.36.3 | +23. 5 | +3.1 + 6 | B. J. |
| 4.9 | 215 | | 12.5 | 3.43.4 | +20.59 | +0.8 + 3 | B. J. |

M. JEKHOVSKY (Bordeaux ; équat. phot.)

| Nov. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|------|-----------|---------|-----|-------------|--------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 10.8 | 49 | | 9.6 | 2.33.2 | +20.10 | —0.4 - 2 | B. J. |

M. SCHAUMASSE (Nice ; équat. coudé)

| Nov. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|-----------|------------|---------|------|-------------|--------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 3.9 | 14 | | 10.2 | 5. 9.2 | +18. 3 | —3.3 0 | Ni 51 |
| 4.9 | 144 | | 10.5 | 6.10.6 | +22.57 | +2.3 + 7 | Ni 52 |
| 9.9 | 479 | | 11.7 | 4.24.8 | + 6. 0 | —7.5 -25 | B. J. |
| 13.9 | 558 | | 11.9 | 4.36.8 | + 9.27 | —1.0 - 1 | B. J. |
| 18.0 1928 | WA | | 12.2 | 4.31.5 | + 9.50 | — — | — |
| 18.1 | WA | | 12.1 | 4.31.4 | + 9.49 | — — | — |
| 18.9 | WA | | 12.1 | 4.30.8 | + 9.45 | — — | — |
| 20.0 | 164 | | 10.0 | 4.38.8 | + 9.56 | —4.6 -31 | B. J. |
| 20.9 | WA | | 12.1 | 4.29.2 | + 9.35 | — — | — |
| 24.9 | 77 | | 10.8 | 6.59.1 | +26.34 | —1.7 + 2 | Ni 52 |
| 26.9 | 511 | | 9.3 | 5.53.4 | +11. 6 | —4.2 - 8 | Ni 52 |

La planète 1928 **WA** est sans doute nouvelle.

M. PATRY (Nice ; équat. de 38 cm.)

| Nov. | TU | Planète | Gr. | Pos. 1928.0 | | Corr. | Ephém. |
|------|------------|---------|------|-------------|--------|----------|--------|
| | | | | h. m. | o ' " | m. " | |
| 3.8 | 158 | | 12.1 | 4. 5.3 | +21.55 | —0.3 - 1 | Ni 51 |
| 3.9 | 558 | | 12.2 | 4.43.5 | + 9.59 | —0.9 0 | Ni 51 |
| 5.9 | 66 | | 11.6 | 5.58.2 | +27.45 | 0.0 0 | Ni 52 |
| 5.9 | 144 | | 10.2 | 6.10.4 | +22.59 | +2.2 + 8 | Ni 52 |
| 5.9 | 478 | | 10.9 | 6. 4.1 | +16.46 | —0.4 - 1 | Ni 52 |
| 6.0 | 511 | | 9.0 | 6. 2.4 | +10.23 | —3.6 - 6 | Ni 52 |
| 9.9 | 119 | | 10.9 | 6.49.1 | +16. 2 | +0.2 - 5 | Ni 52 |
| 9.9 | 41 | | 11.9 | 6.45.5 | + 2.52 | +0.1 - 2 | Ni 52 |
| 10.9 | 34 | | 11.7 | 6. 8.7 | +15.54 | —1.2 - 1 | Ni 52 |
| 10.9 | 177 | | 12.2 | 6.32.1 | +25.25 | +2.2 - 2 | Ni 52 |
| 12.9 | 113 | | 11.8 | 6.21.4 | +18. 7 | +0.2 0 | Ni 52 |
| 13.9 | 476 | | 12.3 | 6.56.5 | +27.54 | 0.0 - 5 | Ni 52 |
| 13.9 | 77 | | 11.0 | 7. 0.7 | +26.17 | —1.6 + 2 | Ni 52 |
| 13.9 | 183 | | 10.9 | 6. 9.7 | —21.21 | +0.7 + 7 | Ni 52 |
| 17.8 | 868 | | 12.0 | 4.20.2 | +13. 7 | +1.2 + 4 | B. J. |
| 17.8 | 631 | | 11.8 | 4.34.4 | +12. 4 | +0.3 -11 | B. J. |
| 20.9 | 191 | | 11.8 | 5.29.6 | + 5.52 | +1.4 + 2 | Ni 52 |

Calculées par M. Rapien

La grandeur et la variation en δ correspondant à +1^m en A.R. se rapportent à la première date

| 1928 | | 165 ; 11.9 ; -7.2 | | 212 ; 12.2 ; -4.9 | | 241 ; 11.9 ; -5.4 | | 59 ; 11.4 ; -1.9 | |
|---------|-----------------|-------------------|--------|-------------------|--------|--------------------|--------|--------------------|--------|
| | | h. m. | o ' " | h. m. | o ' " | h. m. | o ' " | h. m. | o ' " |
| Nov. | 30 | 8.41.3 | +21. 0 | 8.43.0 | +20.34 | 8.48.8 | +15. 7 | 8.48.3 | + 8.13 |
| Déc. | 8 | 40.1 | 20.52 | 43.0 | 20.33 | 48.2 | 14.54 | 48.7 | 7.57 |
| | 16 | 37.3 | 20.48 | 40.9 | 20.34 | 46.1 | 14.47 | 47.4 | 7.50 |
| | 24 | 8.33.3 | +20.48 | 8.37.4 | +20.41 | 8.42.6 | +14.45 | 8.44.5 | + 7.53 |
| 1928-29 | | 363 ; 12.2 ; -3.4 | | 93 ; 11.8 ; -5.5 | | 125 ; 12.0 ; -3.3 | | 194 ; 12.0 ; +3.2 | |
| Nov. | 30 | 8.55.2 | +23. 6 | — | — | — | — | — | — |
| Déc. | 8 | 55.8 | 23.28 | 8.59.8 | +27.47 | 9. 6.9 | +11.47 | 9. 8.3 | + 2. 0 |
| | 16 | 54.6 | 23.57 | 58.1 | 28.13 | 6.4 | 11.44 | 7.1 | 1.56 |
| | 24 | 8.51.6 | +24.32 | 54.7 | 28.42 | 4.3 | 11.49 | 4.4 | 2. 2 |
| Janv. | 1 ^{er} | — | — | 8.49.6 | +29.14 | 9. 0.7 | +12. 1 | 9. 0.4 | + 2.19 |
| | | 207 ; 12.4 ; -5.0 | | 38 ; 11.7 ; -5.4 | | 925 ; 11.4 ; -11.2 | | 345 ; 11.6 ; -3.5 | |
| Déc. | 8 | 9.15.2 | +21.33 | 9.27.2 | +22.11 | 9.31.0 | +14.59 | 9.19.0 | + 1.45 |
| | 16 | 16.3 | 21.48 | 29.4 | 22.25 | 31.0 | 13.54 | 20.8 | + 0.48 |
| | 24 | 15.2 | 22.11 | 29.4 | 22.47 | 28.9 | 12.53 | 20.7 | + 1. 1 |
| Janv. | 1 ^{er} | 9.11.9 | +22.42 | 9.27.4 | +23.17 | 9.25.0 | +11.55 | 9.18.5 | - 0.34 |
| | | 80 ; 11.7 ; -4.1 | | 776 ; 11.3 ; -2.3 | | 654 ; 10.3 ; -10.3 | | 246 ; 12.6 ; -0.9 | |
| Déc. | 8 | 9.31.3 | + 3.12 | 9.38.1 | +29.44 | 9.41.5 | + 5.44 | 9.50.3 | + 2. 4 |
| | 16 | 31.6 | 2.33 | 39.3 | 30.48 | 46.6 | + 2.54 | 52.5 | 1.50 |
| | 24 | 30.2 | 2. 4 | 38.7 | 32. 0 | 49.5 | + 0. 1 | 53.3 | 1.46 |
| Janv. | 1 ^{er} | 9.27.0 | + 1.47 | 36.2 | 33.17 | 49.8 | - 2.52 | 52.7 | 1.53 |
| | 9 | — | — | 9.32.0 | +34.36 | 9.47.5 | - 5.41 | 9.50.5 | + 2.12 |
| | | 107 ; 11.2 ; -2.7 | | 136 ; 12.3 ; -2.9 | | 88 ; 12.1 ; -6.4 | | 375 ; 11.9 ; -11.5 | |
| Déc. | 16 | 9.51.9 | + 4.14 | 10. 4.6 | + 1. 5 | 10.16.0 | + 6.34 | 10.24.9 | +17.20 |
| | 24 | 52.3 | 4. 5 | 6.2 | 0.38 | 16.5 | 6.14 | 25.0 | 17.13 |
| Janv. | 1 ^{er} | 51.4 | 4. 6 | 6.1 | 0.22 | 15.5 | 6. 2 | 23.7 | 17.12 |
| | 9 | 49.2 | 4.15 | 4.3 | 0.20 | 13.2 | 5.57 | 21.0 | 17.16 |
| | 17 | 9.45.7 | + 4.35 | 10. 0.6 | + 0.32 | 10. 9.5 | + 6. 1 | 10.17.0 | +17.24 |
| | | 105 ; 12.0 ; -0.3 | | 55 ; 11.6 ; -7.0 | | 804 ; 12.3 ; -12.0 | | 39 ; 10.7 ; -6.8 | |
| Déc. | 24 | 10.21.1 | -12.39 | 10.41.1 | +16. 0 | 10.50.7 | +16.28 | 10.56.0 | +6.14 |
| Janv. | 1 ^{er} | 23.2 | 13.22 | 41.3 | 16. 9 | 50.6 | 16.27 | 58.3 | 5.52 |
| | 9 | 23.7 | 13.53 | 39.9 | 16.25 | 49.0 | 16.32 | 58.8 | 5.40 |
| | 17 | 10.22.4 | -14. 7 | 36.9 | 16.49 | 45.9 | 16.42 | 57.4 | 5.39 |
| | 25 | — | — | 10.32.4 | +17.17 | 10.41.3 | +16.57 | 10.54.2 | + 5.50 |

Ephéméride de 925, par M. H. Blondel, pour 0 h. 0 : T.U. (1929,0).

| 1928-29 | A. R. | Décl. | Gr. | |
|---------|-----------------|--------|--------|------|
| | h. m. | o ' " | | |
| Déc. | 12 | 9.30.8 | +14.32 | 11.5 |
| | 22 | 29.2 | 13.14 | 10.9 |
| Janv. | 1 ^{er} | 24.5 | 12. 2 | |
| | 11 | 16.8 | 10.56 | 10.7 |
| | 21 | 9. 6.7 | 9.57 | |
| | 31 | 8.55.1 | 9. 6 | 10.6 |
| Fév. | 10 | 43.5 | 8.23 | |
| | 20 | 8.33.0 | + 7.47 | 10.6 |

Eléments corrigés de 976, par M. Jekbowski d'après les observations de 1922, 23, 24, 25, 26, 28.

Epoque 1925, janv. 1.0, T.U. — Eclipt. et équin. 1925.0.

M : 155. 3.44.0
 Argument périhélie : 208.14.52.4
 Longitude nœud : 340.43.59.2
 Inclinaison : 21.26.29.2
 φ : 7.24.14.3
 μ : 625'' 99.348
 Log. a : 0.503 1906

Mont-Gros, 30 novembre 1928

G. FAYET