|  | DATE                                 | ZC<br>No.    | MAG                                       | PHENM  | A 6E<br>(MOON) | TIME  | P.A.                                   |  |
|--|--------------------------------------|--------------|---|--|----------------|---|--|--|
| 0  | AV6                                  | 136          | 6.3                                       | Montreal Gen   | 19.5           | 3.25.2  | 227                                    |  |
|  | q sa                                 | 620          | interestor<br>hip Englude                 | en to anyone<br>s of m <b>A</b> mbers                              | 23.6           | 3.13.1  | 266                                    |  |
| Lacron and a successive | 24 mo 9                              | 2745         | 6.9                                       | om Vetober t<br>n the daddon                                       | 1.19.90        | 20.50.2   | bace 7                                 | X-12                                     |
| *  | 24 Hate                              | 2755         | 10 166 abis                               | n varidus fi<br>es of Glemen                                       | 10.0           | 22,48.7   | 112                                    |  |
|  | 25                                   | 2764         | 63 [ be                                   | a welldstock   | 201010         | 00.46.0   | 12)                                    | - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. |
| Procedure and control of the control | SEPT                                 | 2871         |   | re also succeed to the $d$   | e. Ine Cent    | 00.04.2   | 98                                     |  |
|  | meddo jare<br>Bra ab<br>Sijesh polis | alf indnired | he Centro :<br>which makes<br>are conside | tor drive,<br>nestinus, co<br>nestinus, drive<br>tocketinus, drive | abrode , the   | uatorial mou<br>brudenta<br>alian eta<br>area onta        | ni onit<br>enolow<br>moninci           |  |
| -0-  | Inerdina.                            |              | n sdr dead (                              | nol at engar   | 119778UBWEN 8  | erede Shir er<br>Zojnos - sar<br>Zojnos - sar<br>Zojnos - | conte în<br>Sentra<br>Centra<br>Locali |  |
| 7.4  | Ou tela                              | C Tottosco.  | CANA PARAMANANA                           | nusyaenii da<br>poulsuk da<br>poulsuk da<br>poulsuk da             | during New     | t plike add<br>an Learning t<br>ago toler der             | Jen Dae<br>JahanaD<br>1811             |  |
|  |                                      |              | eser e                                    |  | 20             | dyna wordd<br>d ddin aco                                  |  |  |
| O  |                                      |              |   |  |                | ******  |  |  |
|  |                                      |              |   |  |                | 11/   |  |  |

### ROYAL ASTRONOMICAL SUCIETY OF CANADA Montreal Centre

Membership in the Society is open to anyone interested in astronomy. The annual fee is \$3.00. Privileges of membership include the following:

LECTURES: During the period from October to May, there is a lecture on the second Thursday of each month in the Macdonald Physics Building, McGill University. Among the speakers are well-known professional astronomers who deal with recent developments in various fields of research. In addition, in the month of January, a series of elementary lectures is arranged to serve as an introduction to astronomy for newer members.

LIGRARY: The Centre maintains a well-stocked library containing the latest astronomical books suitable for the general reader. Members may borrow library books without charge. The Centre also subscribes to several scientific periodicals which are available to the membership.

OBSERVATION MEETINGS: The Centre's Observatory, located on McGill University grounds back of the Molson stadium, houses a six-and-a-half inch refractor with equatorial mounting and motor drive. The Centre also owns several other fine instruments. Observation meetings, at which members and friends are welcome, are held every Saturday evening, year round. Other observation meetings for members only are held from time to time, members being encouraged to undertake systematic work in various fields.

LITERATURE: Members receive the Society's bi-monthly "Journal", containing articles on recent astronomical advances, and the annual "Observer's Handbook" containing valuable data for the amateur astronomer. Both these publications come from the society's headquarters in Toronto. In addition, the montreal Centre has a monthly newsletter "Skyward" to keep the members informed of local activities.

Why not become a member? Simply write your name and address in the space below and mail the slip to F. W. Baker, Treasurer, Royal Astronomical Society of Canada, Montreal Centre, 19 Brunet Avenue, Pointe Claire, Que.

(Please make cheques payable to Royal Astronomical Society of Canada)

| I hereby apply        | for membership in the Royal Astronomical Society of Car | nada |
|-----------------------|---|------|
| and enclose \$3.00 to | cover membership for one year.                          |      |
| Name                  |   |      |

Address

Date ....

Tel. No.

## Occultations Visible at Montreal October 1958

|   | Date<br>MH | ZC.  | Mag. | Phenm. | AGE<br>(1400D) | Time<br>1941 | P.G. |
|---|------------|------|------|--------|----------------|--------------|------|
|   |            | 653  |      | R      | 19.7           | 23.03.4      | 335  |
|   | 5          | 944  | 5.7  | R      | 21.8           | 03.05./      | 265  |
|   | 8          | 1332 | 5.7  | R      | 248            | 02.54.4      | 278  |
|   | 16         | 2497 | 6.6  | D      | 4.1            | 1952.6       | 64   |
| • | 17         | 2658 | 6.0  | 0      | 5.1            | 205/.8       | 38   |
|   | 2/         | 3199 | 6.8  | D      | 9.1            | 19.43.6      | 20   |
|   | 2.2        | 3216 | 66   | D      | 93             | 0023./       | 108  |
|   | 22         | 3328 | 70   | D      | 10.2           | 22.29.2      | 93   |
|   | 23         | 3460 | 7.1  | D      | 11.3           | 2331.0       | 83   |
|   | alg        | 620  | 63   | R      | 17.3           | 23.083       | 317  |
|   | 30         | 648  | 39   | 0      | 17.5           | 05 10.0      | 49   |

### Occultations Visible at Montreal November 1958

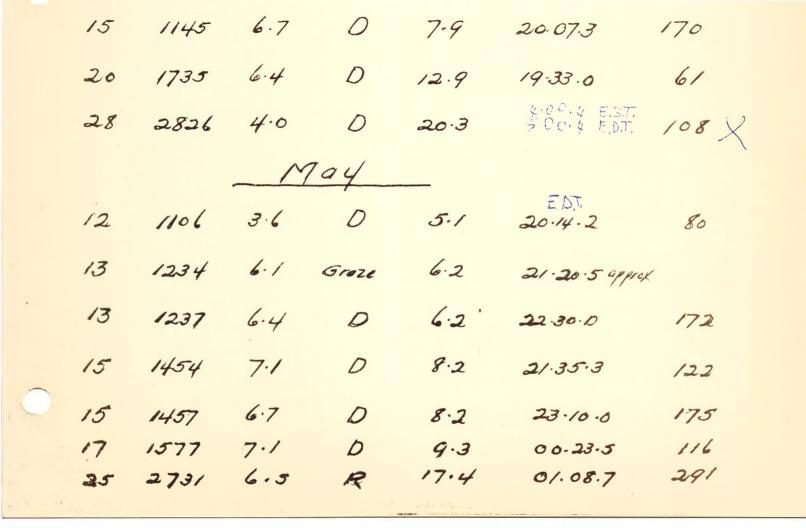
|     | Date   | Z.C. |      |       | Age  | TIME<br>MH                            |     |
|-----|--------|------|------|-------|------|---------------------------------------|-----|
| Res | M. f.  | NO   | M99. | Pheam | Moon | mess arredo in la tra museum con acce | PH  |
|     |        | 1309 |      | R     | 225  | 04-420                                | 333 |
|     | 13     | 2571 | 6.9  | D     | 2.6  | 17.007                                | 93  |
|     | 14     | 2745 | 6.9  | D     | 3.7  | 17-44-7                               | 115 |
|     | 16     | 3163 | 73   | D     | 6.7  | 19.08.1                               | 73  |
|     | all of | 1029 | 5.1  | R     | 18.1 | 04.169                                | 297 |
|     | 30     | 1147 | 5/   | R     | 190  | 0255.6                                | 223 |
|     |        |      | Dec  | ember | 1958 | Bo+                                   |     |
|     | 4      | 1611 | 5.7  | R     | 23.1 | 04541                                 | 299 |
|     | 15     | 3248 | 6.6  | 0     | 53   | 20311                                 | 4   |
|     | 17     | 3502 | 7.4  | 0     | 74   | 22.1/5                                | E   |
|     | 20     | 301  | 6.8  | D     | 103  | 20.32.6                               | 42  |
|     | 23     | 653  | 4.8  | D     | 13.2 | 16.49.5                               | 24  |
|     | 27     | 1106 | 3.6  | D     | 166  | 0/33-5                                | 136 |
|     | 27     | 1106 | 36   | R     | 16.6 | 02-41-4                               | 250 |
| ,   | N      | 1234 | 6.1  | R     | 17.5 | 0200.6                                | 305 |
|     | 28     | 1341 | 43   | D     | 18.4 | 21.26.6                               | 118 |
|     | 28     | 1341 | 43   | R     | 18-4 | 22.29.7                               | 266 |

# Occultations Visible at Montreal January 1959

| 0-6        |      |      |        |                                |               |     |
|------------|------|------|--------|--------------------------------|---------------|-----|
| Dote 1941. | 2G.  | Mag  | Phenm. | Moon                           | Time<br>1941. | PA. |
|            |      |      |        | THE PERSON NAMED IN COLUMN TWO |               |     |
| 5          | 22/3 | 5.9  | R      | 25.7                           | 0455.1        | 302 |
| 5          | 2218 | 5-6  | R      | 25.7                           | 06089         | 285 |
| 19         | 609  | 7.5  | D      | 10.8                           | 17.29.6       | 13/ |
| 25         | 1410 | 5-3  | R      | 16.9                           | 20.31.5       | 204 |
| 29         | 1787 | 6.0  | R      | 20.2                           | 05.22.0       | 288 |
|            |      | Febr | vary   | ,                              |               |     |
|            |      |      |        |                                |               |     |
| 11         | 214  | 6.4  | 0      | 5.2                            | 19.05.6       | .77 |
| 17         | 829  | 7.0  | D      | 10.2                           | 17.54.0       | 32  |
| 18         | 1003 | 7.2  | 0      | 11.3                           | 22.44.6       | 33- |
| 19         | 1011 | 7.4  | 0      | 11.4                           | 0059.2        | 28  |
| 19         | 1106 | 3.6  | 0      | 12.2                           | 17.33.0       | 105 |
| 20         | 1147 | 5.1  | 0      | 125                            | 02:41.1       | 98  |
| 20         | 1145 | 6.7  | D      | 1.2.5                          | 02.48.2       | 145 |

# Occultations Visible at Montreal March 1959 ZC. Age Time

19+1 NO. Mag Phenm (Moon) M+1. 14 523 6.5 D 5.6 650 5.7 0 6.5 18.31.0 109 1073 60 0 9.6 21.41.0 134 1320 68 D 11.6 20.50.9 0 21 1332 5.7 11-8 135 01.22.0 APril 1147 5.1 D 7-9 19.44.1



|        | 1    |         | //  | ///     |           |           | 6. Gaherty |             |
|--------|------|---------|---|---------|-----------|-----------|------------|-------------|
|        |      | 100 W/z | ations  | Visible | at M      | Tonfreal. |            |             |
|        |      |         | Frida Consession for the Control of |         |           |           |            |             |
|        |      |         | 0/111   | ne 19   | 59        |           |            |             |
|        |      |         | Va.   |         |           |           |            |             |
|        | 0/   | -       |   |         | 900       |           |            |             |
|        | Dote |         | . 0   | 2/      | Age       | Time      |            |             |
|        | 1941 | 140.    | Mag.  | Phenm.  | Hoon      | 19+1-     | P.A        |             |
|        |      |         |   |         |           |           |            |             |
|        | 11   | 1429    | 6.8   | 0       | 5-6       | 22.04.3   | 148        |             |
|        | 1    |         | 4   |         |           |           |            |             |
|        | 13   | 1652    | 5.5   | 1)      | 7.6       | 22-25-3   | 45         |             |
|        |      |         |   |         |           |           |            |             |
|        | 15   | 1890    | 7.4   | D       | 9.6       | 21.47.8   | 140        |             |
|        |      |         |   |         |           |           |            |             |
|        | 16   | 2025    | 6.8   | 0       | 10.6      | 22.46.5   | 116        |             |
|        |      |         |   |         |           | / 6 5     |            |             |
|        | 21   | 2826    | 4.0   | 0       | 15.7      | 23.43.0   | 45         |             |
|        |      | 2026    | 4.0   |         | 13/       | 750       | 40         |             |
|        | 22   | 2001    |   | 0       | 15-7      | 00 20 2   | 304        |             |
|        | 22   | 2826    | 4.0   | R       | 15.7      | 00-39-3   | 309        |             |
|        | 4.1  |         |   | 0       | 10.7      |           | 20         |             |
|        | 26   | 3380    | 6.2   | R       | 197       | 01.00-1   | 28         |             |
|        |      |         |   |         |           |           |            |             |
|        |      | , ,     |   | 1,      |           |           |            |             |
|        |      | X 2     | JU.   | /4/     |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        | 14   | 2114    | 5.8   | D       | 9.0       | 23.30.8   | 118        |             |
|        | 7    |         |   |         |           |           |            |             |
|        | 22   | 3208    | 6.5   | R       | 16.2      | 03.25.7   | 216        |             |
|        |      |         |   |         |           |           |            |             |
|        | 25   | .50     | 6.0   | R       | 19.3      | 04.07.6   | 232        |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
| - Sec. |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
| (      |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            |             |
|        |      |         |   |         |           |           |            | 11.0        |
| A. 3   | 0-   |         |   | HYD     | RO-QUEBEC |           |            | 1)" SQUARES |

| () CCUHations Visible at Montreal |
|-----------------------------------|
|-----------------------------------|

AUG 2 2 REC'D

| Au | 1945/ | 1959 |
|----|-------|------|
|    | 790/  |      |

| Date | ZC.  | Naa    | Phenm     | Age      | Time<br>14th | PA  |
|------|------|--------|-----------|----------|--------------|-----|
| 111. | 710. | 1 104. | נוקמשון ו | (/'/00/) | 1471.        | PA. |
| //   | 2210 | 6.8    | D         | 7.4      | 21249        | 66  |
| 14   | 2680 | 5.8    | D         | 105      | 22.33.4      | 13  |
| 14   | 2685 | 7.0    | <b>D</b>  | 10.5     | 2243.0       | 73  |
| 14   | 2687 | 6.6    | D         | 10.5     | 23 07.4      | 126 |
| 24   | 357  | 5.5    | R         | 19.6     | 00.16.8      | 251 |
| 27   | 741  | 5.7    | R         | 22.7     | 04.02.5      | 257 |
| 28   | 878  | 5-5    | R         | 23.7     | 03.49.0      | 276 |
|      |      |        |           |          |              |     |
|      |      | -      | Saptemb   | ber      |              |     |
| 10   | 2640 | 6.1    | D         | 8.0      | 23/32        | 15  |
| 23   | 685  | 6.5    | R         | 20./     | 00.07.6      | 226 |
| 23   | 692  | 1.1    | D         | 20.2     | 06.233       | 92  |
| 23   | 692  | 1.1    | R         | 20.2     | 01.29.2      | 243 |
| 24   | 806  | 5.1    | R         | 213      | 0051.7       | 258 |
| 25   | 961  | 6.2    | R         | 22.3     | 02.45.7      | 195 |
| 25-  | 970  | 6.5    | R         | 223      | 04.31.1      | 310 |

HYDRO QUEBEC

|               | D-01/4  | tions | Visibi |                | Jontea /         |            |
|---------------|---------|-------|--------|----------------|------------------|------------|
|               |         | No ve |        | 1959           |                  | MOV 1 RECO |
| Date<br>1941. | 2C, No. | Maa   | Phenen | 1<br>AGE(Noon) | Time<br>Montreal | P.A.       |
| 6             | 2995    | 6.2   | 0      | 6.0            | 17.17.9          | 26         |
| 7             | 3737    | 6.6   | 0      | 7.0            | 17.20-2          | 61         |
| 10            | 3536    | 7-0   | 0      | 10.1           | 19.29.6          | 51         |
| 13            | 357     | 5.5   | 0      | 13.2           | 21.06.7          | 108        |
| 18            | 878     | 5.5   | R      | 17.3           | 0207.1           | 212        |
| 19            | 1029    | 5./   | R      | 18.4           | 0530.0           | 30/        |
| 23            | 1458    | 59    | R      | .22.4          | 0/335            | 268        |
|               |         | Dec   | embe   |                |                  |            |
| 12            | 454     | 5-8   | 0      | 11.9/          |                  | 94         |
| 17            | 1197    | 6-0   | R      | 17.8           | 21.17.3          | 288        |
|               |         |       |        |                |                  |            |
|               |         |       |        |                |                  |            |
|               |         |       |        |                |                  |            |
|               |         |       |        |                |                  |            |
|               |         |       |        |                |                  |            |
| 36            |         |       | HY     | DRO-QUEBEC     |                  | % sous     |

| (            | DCC4       | Hation | 75 /15 | ible at | Montre      | ce/  |
|--------------|------------|--------|--------|---------|-------------|------|
|              |            | Fo     | bruary | 1960    |             |      |
| Dote<br>1941 | Z.C<br>140 | Mag.   | Phenm. | Age     | Time<br>19H | P.A. |
| /            | 109        | 6.5    | 0      | 4.7     | 19.50.6     | 67   |
| 3            | 360        | 6.8    | D      | 6.7     | 18.57.8     | 37   |
| 3            | 618        | 7.2    | 0      | 8.9     | 23.29.5     | 28   |
| 6            | 741        | 5.7    | 0      | 9.8     | 21-16-7     | 81   |
| 7            | 878        | 55     | 0      | 10.8    | 21.15.5     | 111  |
| 8            | 1011       | 7.4    | D      | 11.8    | 19.39-9     | 95   |
| 9            | 1029       | 5./    | 0      | 11.9    | 00.09.2     | 75-  |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |
|              |            |        |        |         |             |      |

Total Hations Visible at Montreal

| 10 | 7  |    | / |    | 1   |   |
|----|----|----|---|----|-----|---|
| 11 | 01 | CL | 2 | 19 | 620 | 2 |

| Date | Z.C.<br>No. | Mag | Phenm | Age<br>(Good) | 71me<br>1944 | P.A. |     |
|------|-------------|-----|-------|---------------|--------------|------|-----|
| 4    | 692         | 1.1 | 0     | 7.2           | 18.33.3      | 74   |     |
| 4    | 692         | 1-1 | R     | 7.2           | 20.03.3      | 272  |     |
| 6    | 970         | 6.5 | D     | 93            | 23.15.0      | 67   |     |
| 6    | 975         | 6.8 | D     | 9.3           | 23.03.7      | 102  |     |
| 7    | 1091        | 6.7 | D     | 10.4          | 22.067       | 99   |     |
| 8    | 1106        | 3.6 | D     | 10.5          | 01.50.5      | 128  |     |
| 14   | 1891        | 44  | D     | 17.4          | 2/39.2       | 43   | * 1 |
| 14   | 1891        | 44  | R     | 17.4          | 22-2/-/      | 343  |     |
| 16   | 2028        | 6.5 | R     | 18.5          | 01.36.9      | 283  |     |
| 25   | 400/        | 1.1 | D     | 27.7          | 05-31.9      | 22   |     |
| 25   | 4001        | 1.1 | R     | 27.7          | 06.13.0      | 30/  |     |