

Annexe D

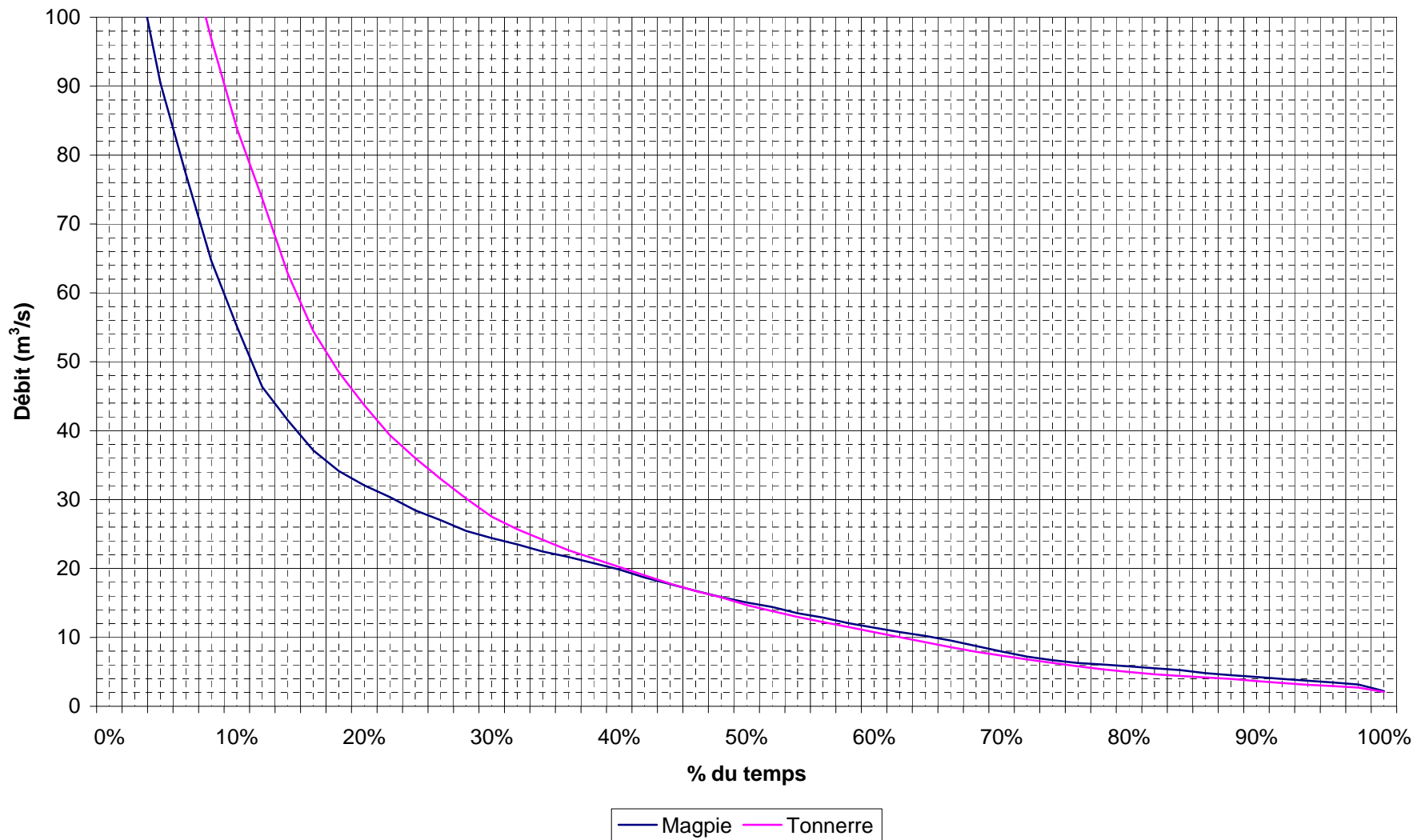
Analyses hydrologiques

- Étude de production
- Détermination des débits de crues (CEHQ, 2007)

COURBES DE DÉBITS JOURNALIERS CLASSÉS ANNUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

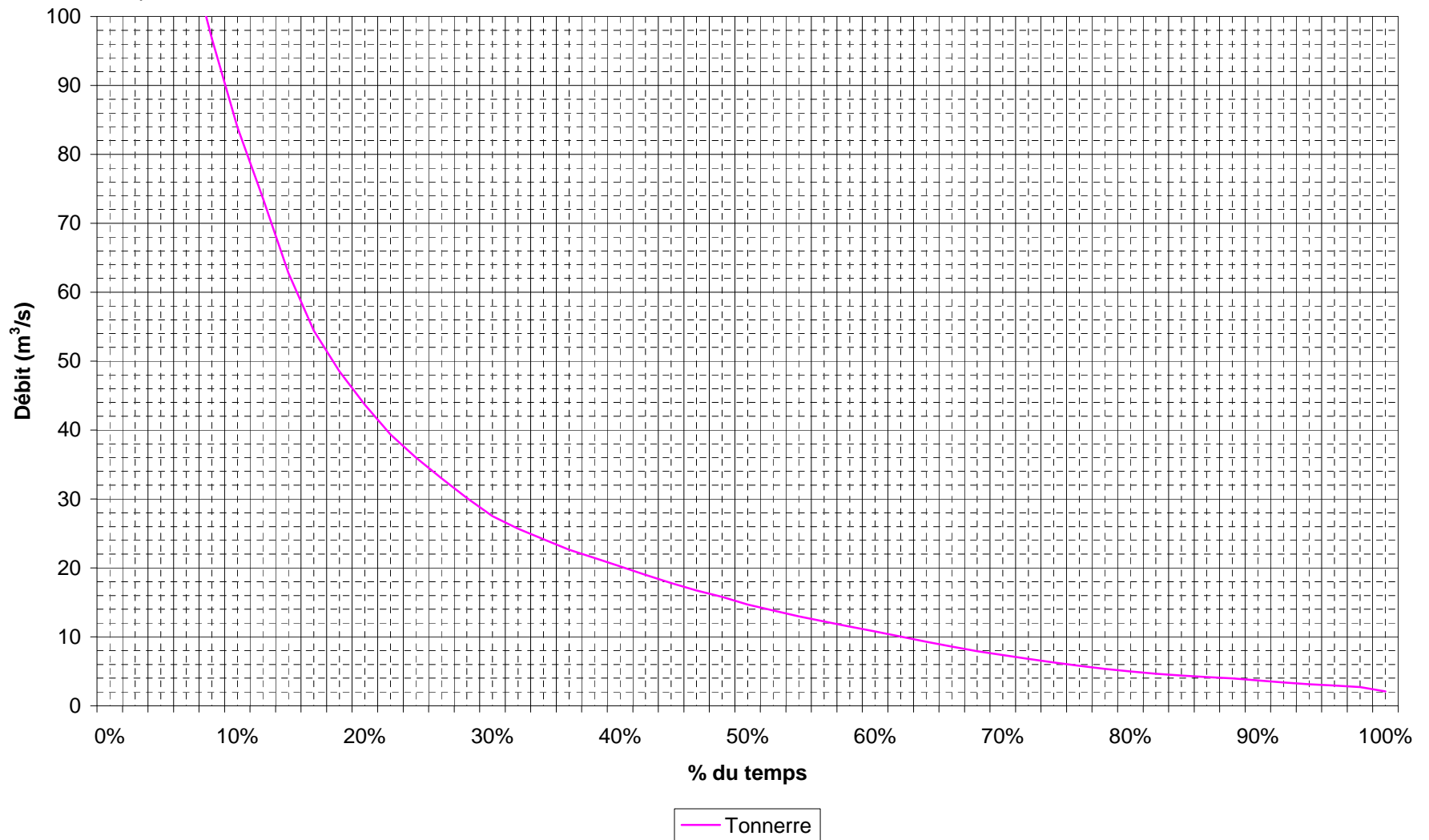
D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



COURBE DE DÉBITS JOURNALIERS CLASSÉS ANNUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

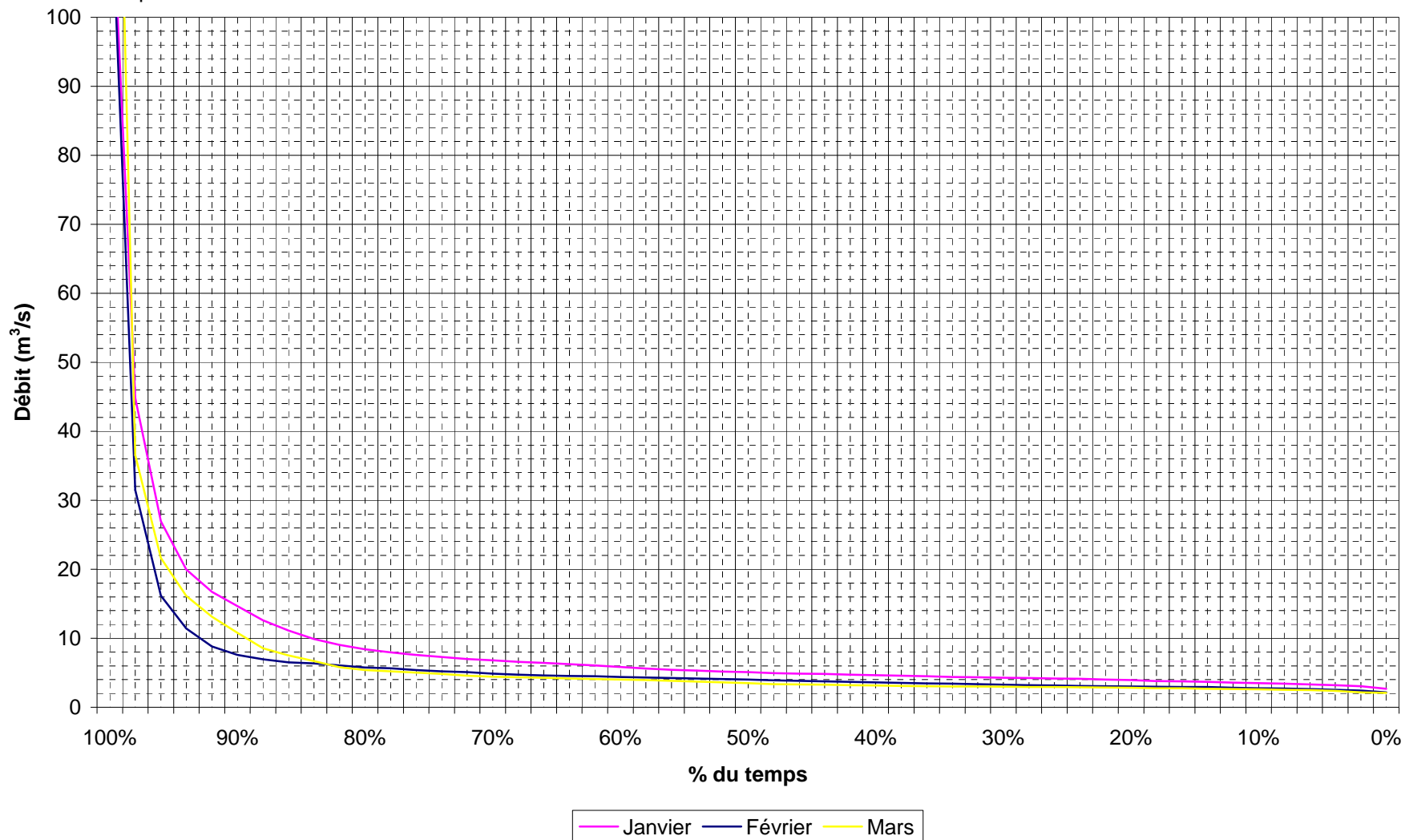
D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



COURBES DE DÉBITS JOURNALIERS CLASSÉS MENSUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

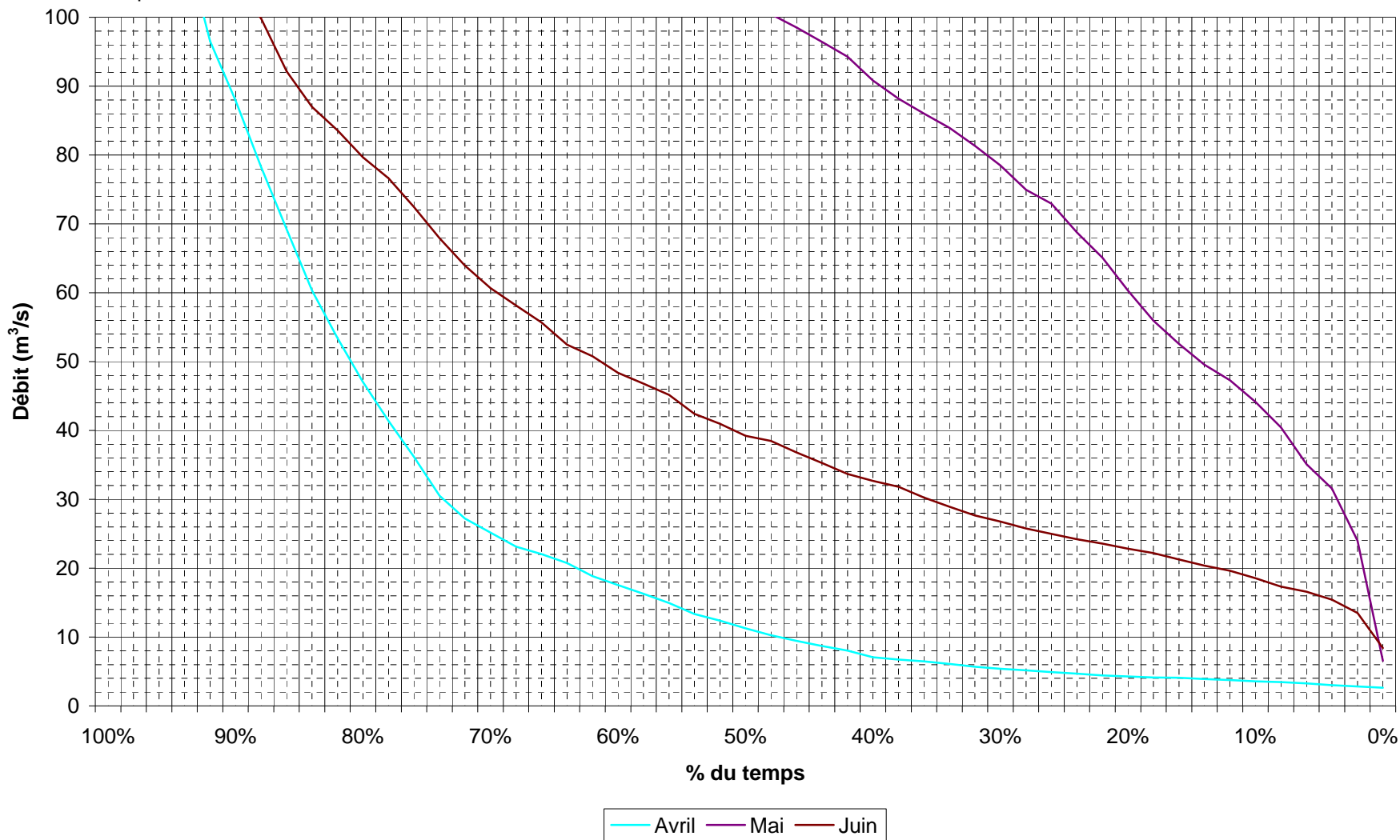
D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



COURBES DE DÉBITS JOURNALIERS CLASSÉS MENSUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

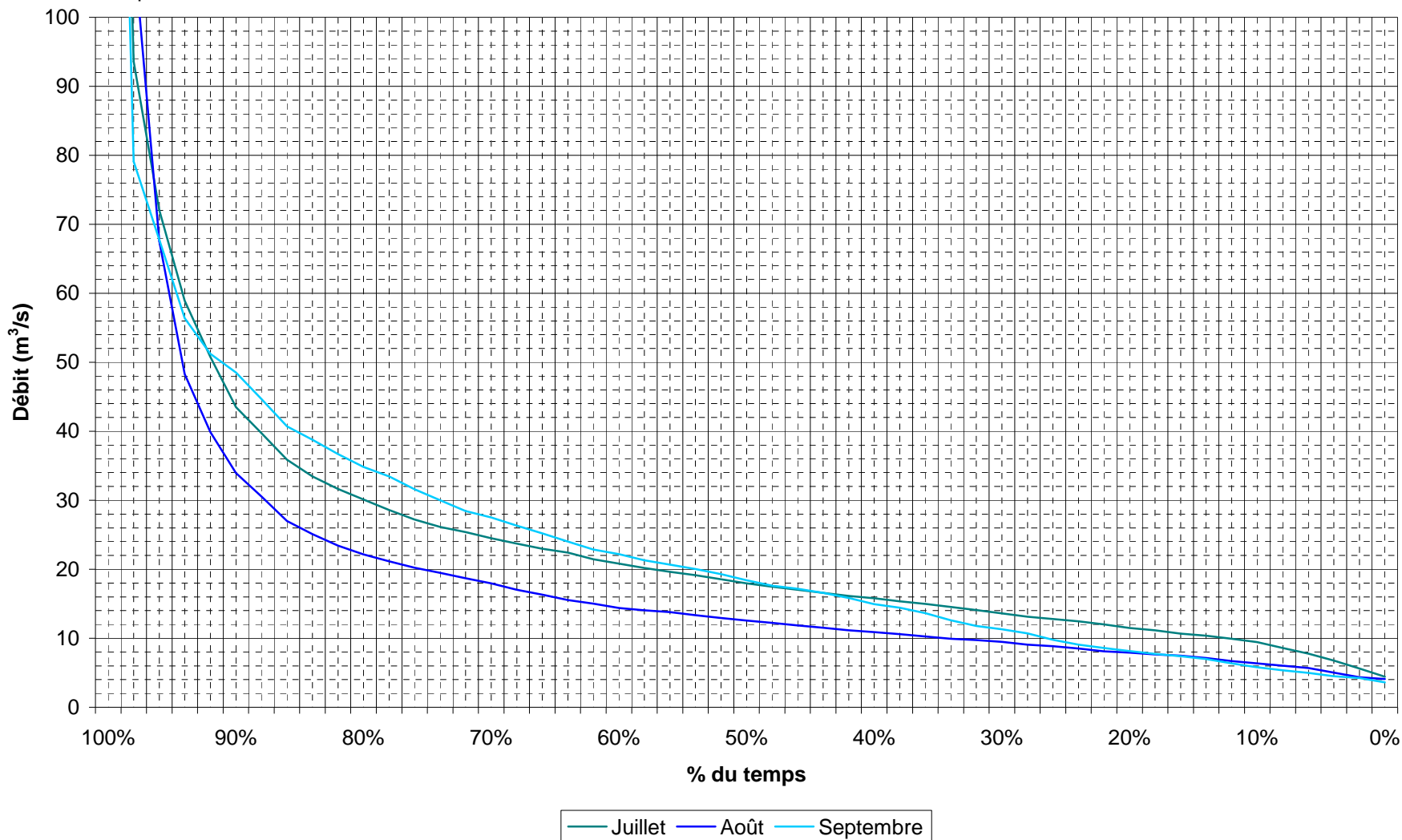
D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



COURBES DE DÉBITS JOURNALIERS CLASSÉS MENSUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

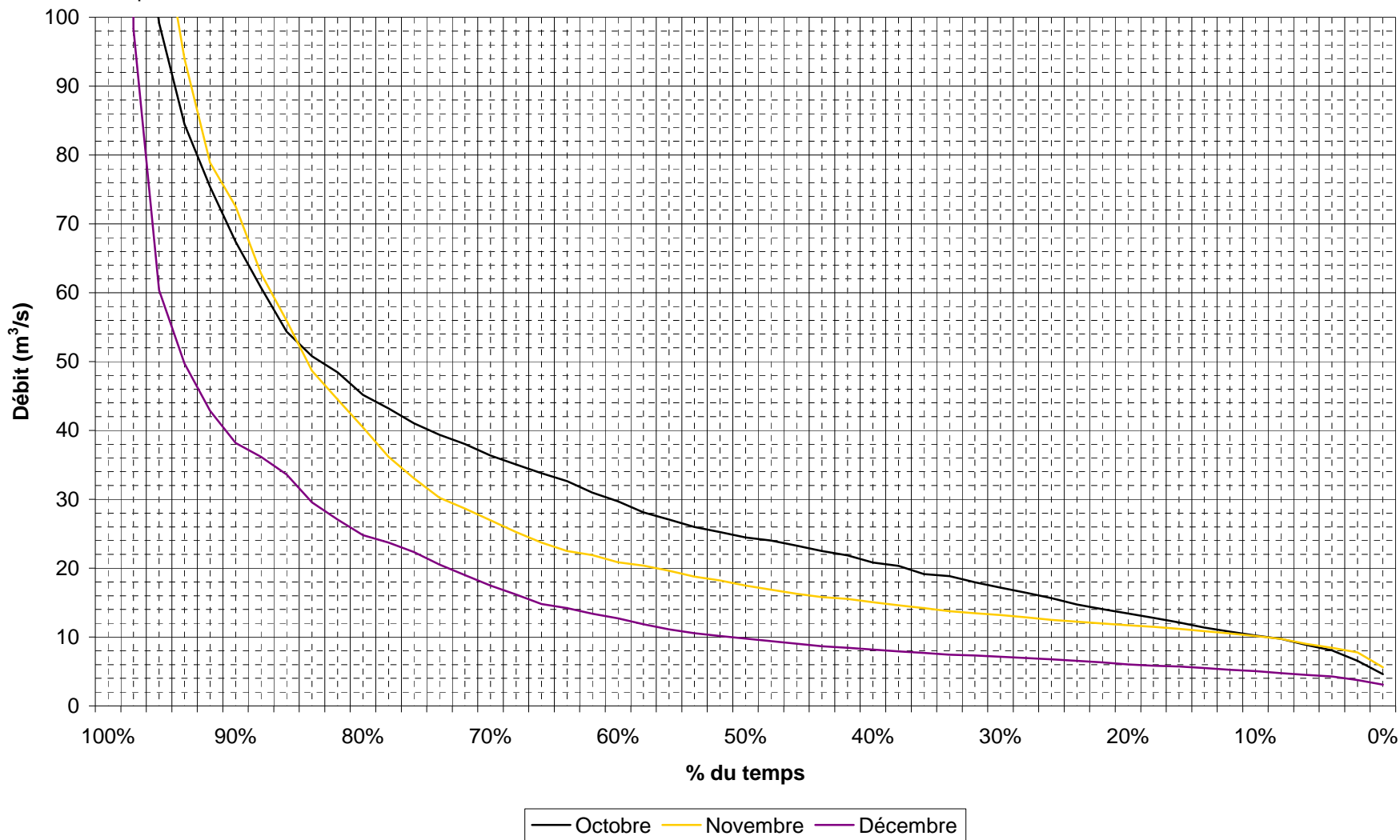
D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



COURBES DE DÉBITS JOURNALIERS CLASSÉS MENSUELLEMENT

Rivière Sheldrake (bassin versant 1 040km²)

D'après les données des stations Au Tonnerre 02VA001 et 02VA003 sur 32 et 5 années



Productibilité rivière SHELDRAKE

- Bassin versant = 1040 km² -

**D'après les données de la rivière Au Tonnerre, stations 073301 & 073303 sur 37 années
hauteur de chute brute 67 m**

**Deux turbines double FRANCIS horizontale double roue 22,0 m³/s, débit écologique 0,1 m³/s,
débit de la passe à poisson 0,2m³/s du 1er mai au 30 novembre
et débit esthétique 5 m³/s du 15 juin au 15 septembre**

28 avril 2008

| | Années 1950 | Années 1951 | Années 1952 | Années 1953 | Années 1955 | Années 1956 | Années 1957 | Années 1958 | Années 1959 | Années 1960 |
|----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Mois | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh |
| Décembre | 1 906 314 | 13 679 148 | 6 589 767 | 16 273 654 | 8 517 640 | 1 154 500 | 5 292 969 | 10 532 088 | 3 503 503 | 10 289 377 |
| Janvier | 556 107 | 2 479 095 | 1 403 746 | 5 193 492 | 4 312 278 | 1 719 074 | 766 968 | 12 160 064 | 1 444 888 | 1 239 946 |
| Février | 0 | 562 541 | 490 628 | 1 251 135 | 2 044 868 | 846 214 | 0 | 5 869 124 | 1 003 589 | 7 028 609 |
| Mars | 25 570 | 92 602 | 784 217 | 1 113 618 | 2 168 642 | 405 043 | 0 | 8 773 659 | 1 301 213 | 2 152 038 |
| Total Hiver | 2 487 991 | 16 813 386 | 9 268 358 | 23 831 899 | 17 043 429 | 4 124 830 | 6 059 937 | 37 334 935 | 7 253 194 | 20 709 971 |
| Avril | 6 434 918 | 13 300 775 | 4 261 770 | 16 252 763 | 6 160 814 | 2 781 022 | 1 311 167 | 12 048 915 | 14 301 925 | 3 798 608 |
| Mai | 17 252 724 | 17 052 198 | 17 256 184 | 15 731 785 | 17 253 353 | 16 267 640 | 14 865 253 | 17 301 007 | 17 263 322 | 17 132 625 |
| Juin | 11 580 282 | 7 399 168 | 14 836 745 | 7 550 219 | 9 590 140 | 14 031 365 | 16 749 845 | 16 265 055 | 16 591 436 | 12 383 611 |
| Juillet | 8 147 078 | 9 851 366 | 2 491 568 | 8 025 542 | 2 819 679 | 13 938 584 | 13 275 148 | 6 225 168 | 4 530 193 | 9 761 631 |
| Août | 3 465 507 | 11 158 161 | 5 196 370 | 1 597 813 | 6 034 660 | 12 241 184 | 4 139 183 | 3 816 458 | 1 061 518 | 9 619 180 |
| Septembre | 3 219 629 | 3 867 789 | 12 996 935 | 11 089 511 | 6 301 864 | 12 642 775 | 6 150 613 | 10 861 157 | 1 087 055 | 9 706 229 |
| Octobre | 4 539 546 | 6 865 314 | 11 930 975 | 6 731 328 | 4 523 253 | 15 952 177 | 13 461 000 | 9 013 534 | 5 429 942 | 10 077 647 |
| Novembre | 15 437 656 | 11 927 612 | 8 432 422 | 7 606 269 | 4 164 283 | 12 778 932 | 14 729 084 | 4 915 043 | 16 716 793 | 9 972 732 |
| Total Été | 70 077 339 | 81 422 384 | 77 402 969 | 74 585 229 | 56 848 045 | 100 633 678 | 84 681 293 | 80 446 338 | 76 982 184 | 82 452 263 |
| TOTAL | 72 565 330 | 98 235 770 | 86 671 327 | 98 417 128 | 73 891 474 | 104 758 509 | 90 741 230 | 117 781 273 | 84 235 378 | 103 162 233 |
| TOTAL RETENU* | 69 662 716 | 94 306 339 | 83 204 474 | 94 480 443 | 70 935 815 | 100 568 168 | 87 111 581 | 113 070 022 | 80 865 963 | 99 035 744 |

* en tenant compte d'un taux de disponibilité de 96%

Productibilité rivière SHELDRAKE

- Bassin versant = 1040 km² -

D'après les données de la rivière Au Tonnerre, stations 073301 & 073303 sur 37 années

hauteur de chute brute 67 m

Deux turbines double FRANCIS horizontale double roue 22,0 m³/s, débit écologique 0,1 m³/s,

débit de la passe à poisson 0,2m³/s du 1er mai au 30 novembre

et débit esthétique 5 m³/s du 15 juin au 15 septembre

28 avril 2008

| | Années | Années | Années | Années | Années | Années | Années | Années | Années | Années |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1971 | 1973 |
| Mois | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh |
| Décembre | 10 584 654 | 6 172 314 | 9 456 120 | 12 573 184 | 7 993 118 | 6 519 469 | 11 260 197 | 4 065 330 | 2 413 115 | 2 769 112 |
| Janvier | 5 998 698 | 8 791 472 | 3 218 105 | 2 148 263 | 5 933 537 | 2 322 213 | 3 383 252 | 1 391 783 | 1 178 132 | 1 022 244 |
| Février | 764 232 | 1 794 400 | 1 821 671 | 1 153 154 | 2 209 525 | 1 256 808 | 1 767 274 | 3 006 306 | 47 309 | 756 072 |
| Mars | 85 332 | 1 880 586 | 1 186 981 | 1 086 730 | 7 123 796 | 2 085 487 | 814 397 | 1 434 644 | 80 271 | 93 572 |
| Total Hiver | 17 432 917 | 18 638 772 | 15 682 877 | 16 961 330 | 23 259 976 | 12 183 977 | 17 225 120 | 9 898 064 | 3 718 827 | 4 641 000 |
| Avril | 7 455 968 | 6 746 463 | 7 581 195 | 4 465 187 | 3 414 303 | 11 061 477 | 246 698 | 8 721 618 | 9 001 584 | 1 743 698 |
| Mai | 16 141 425 | 16 566 467 | 17 286 740 | 17 125 242 | 15 792 625 | 15 629 701 | 15 423 997 | 17 313 255 | 16 817 197 | 16 485 057 |
| Juin | 12 444 996 | 12 145 461 | 11 878 560 | 15 340 324 | 14 635 424 | 11 861 011 | 13 255 188 | 11 334 816 | 9 303 865 | 14 543 413 |
| Juillet | 5 496 136 | 9 524 692 | 13 829 780 | 8 024 279 | 9 204 946 | 7 012 404 | 5 840 895 | 4 599 099 | 7 749 132 | 12 266 218 |
| Août | 6 154 127 | 6 789 743 | 8 672 390 | 11 344 270 | 11 509 093 | 14 352 104 | 3 290 520 | 5 622 758 | 6 792 486 | 5 174 540 |
| Septembre | 6 954 895 | 8 392 392 | 5 569 740 | 4 968 312 | 13 052 762 | 10 836 176 | 3 929 643 | 6 014 264 | 9 394 947 | 6 924 963 |
| Octobre | 13 286 310 | 6 703 390 | 4 682 781 | 9 135 265 | 14 355 767 | 16 099 822 | 10 639 594 | 7 654 975 | 14 409 613 | 9 760 064 |
| Novembre | 5 422 954 | 9 286 404 | 9 203 117 | 6 514 831 | 9 767 210 | 13 181 161 | 12 305 588 | 7 680 970 | 8 465 728 | 5 844 378 |
| Total Été | 73 356 812 | 76 155 013 | 78 704 302 | 76 917 708 | 91 732 129 | 100 033 857 | 64 932 123 | 68 941 755 | 81 934 554 | 72 742 330 |
| TOTAL | 90 789 728 | 94 793 785 | 94 387 179 | 93 879 039 | 114 992 105 | 112 217 834 | 82 157 243 | 78 839 819 | 85 653 380 | 77 383 330 |
| TOTAL RETENU* | 87 158 139 | 91 002 034 | 90 611 692 | 90 123 877 | 110 392 421 | 107 729 121 | 78 870 954 | 75 686 226 | 82 227 245 | 74 287 997 |

* en tenant compte d'un taux de disponibilité de 96%

Productibilité rivière SHELDRAKE

- Bassin versant = 1040 km² -

**D'après les données de la rivière Au Tonnerre, stations 073301 & 073303 sur 37 années
hauteur de chute brute 67 m**

**Deux turbines double FRANCIS horizontale double roue 22,0 m³/s, débit écologique 0,1 m³/s,
débit de la passe à poisson 0,2m³/s du 1er mai au 30 novembre
et débit esthétique 5 m³/s du 15 juin au 15 septembre**

28 avril 2008

| | Années 1974 | Années 1975 | Années 1976 | Années 1977 | Années 1978 | Années 1979 | Années 1980 | Années 1981 | Années 1982 | Années 1983 |
|----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Mois | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh |
| Décembre | 8 922 267 | 5 071 727 | 3 481 447 | 2 654 130 | 4 366 161 | 1 674 623 | 2 374 652 | 4 546 327 | 9 861 052 | 3 278 236 |
| Janvier | 4 148 923 | 1 829 415 | 1 410 265 | 2 826 377 | 7 927 189 | 1 604 392 | 1 348 590 | 1 641 205 | 2 342 094 | 2 553 999 |
| Février | 975 778 | 370 694 | 1 294 189 | 1 003 117 | 1 605 539 | 1 706 567 | 974 175 | 7 558 656 | 992 226 | 3 687 145 |
| Mars | 1 149 446 | 2 101 876 | 1 141 935 | 483 621 | 1 272 463 | 6 126 549 | 557 812 | 8 819 293 | 594 964 | 5 534 586 |
| Total Hiver | 15 196 413 | 9 373 712 | 7 327 836 | 6 967 245 | 15 171 351 | 11 112 132 | 5 255 229 | 22 565 480 | 13 790 337 | 15 053 966 |
| Avril | 2 421 062 | 3 660 023 | 11 388 575 | 6 412 384 | 2 172 529 | 16 659 436 | 6 538 507 | 11 370 605 | 1 423 061 | 11 175 717 |
| Mai | 15 649 098 | 17 203 578 | 17 023 387 | 17 130 191 | 15 855 283 | 16 937 552 | 17 071 367 | 17 016 755 | 16 107 938 | 17 162 534 |
| Juin | 16 173 265 | 14 743 194 | 12 329 150 | 13 510 673 | 14 644 453 | 9 885 906 | 13 926 983 | 14 330 072 | 16 109 234 | 12 804 950 |
| Juillet | 8 603 252 | 6 438 751 | 4 008 295 | 5 543 226 | 7 111 943 | 7 360 678 | 10 071 272 | 7 194 078 | 8 519 703 | 3 780 454 |
| Août | 5 139 643 | 5 011 742 | 4 245 415 | 4 846 914 | 2 249 861 | 8 600 617 | 6 715 502 | 4 018 422 | 6 550 243 | 4 322 578 |
| Septembre | 9 265 014 | 5 857 444 | 13 812 320 | 3 659 132 | 6 102 549 | 12 057 649 | 13 980 926 | 3 007 901 | 8 065 814 | 10 190 331 |
| Octobre | 11 338 757 | 5 809 013 | 11 129 666 | 13 466 126 | 12 013 886 | 10 904 100 | 15 991 201 | 15 480 106 | 5 641 848 | 8 584 004 |
| Novembre | 6 296 834 | 7 773 077 | 5 442 605 | 8 485 100 | 3 732 370 | 4 961 308 | 7 037 013 | 6 611 383 | 11 885 283 | 7 550 374 |
| Total Été | 74 886 927 | 66 496 823 | 79 379 413 | 73 053 747 | 63 882 874 | 87 367 246 | 91 332 770 | 79 029 323 | 74 303 124 | 75 570 941 |
| TOTAL | 90 083 340 | 75 870 536 | 86 707 249 | 80 020 992 | 79 054 225 | 98 479 377 | 96 587 999 | 101 594 803 | 88 093 461 | 90 624 908 |
| TOTAL RETENU* | 86 480 006 | 72 835 714 | 83 238 959 | 76 820 152 | 75 892 056 | 94 540 202 | 92 724 479 | 97 531 011 | 84 569 723 | 86 999 911 |

* en tenant compte d'un taux de disponibilité de 96%

Productibilité rivière SHELDRAKE

- Bassin versant = 1040 km2 -

D'après les données de la rivière Au Tonnerre, stations 073301 & 073303 sur 37 années

Hauteur de chute brute 67 m

Deux turbines double FRANCIS horizontale double roue 22,0 m³/s, débit écologique 0,1 m³/s, débit de la passe à poisson 0,2m³/s du 1er mai au 30 novembre et débit esthétique 5 m³/s du 15 juin au 15 septembre

28 avril 2008

| Mois | Années | Années | Années | Années | Années | Années | Années | Moyenne | |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|
| | 1984 | 1985 | 1988 | 1989 | 1990 | 1991 | 1992 | 37 années | |
| | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production kWh | Production retenue kWh |
| Décembre | 6 566 349 | 4 938 074 | 7 020 534 | 2 660 058 | 3 033 513 | 3 115 758 | 2 192 376 | 6 143 320 | 5 897 588 |
| Janvier | 1 911 531 | 1 145 327 | 1 104 039 | 1 098 673 | 925 722 | 1 252 917 | 1 863 932 | 2 799 945 | 2 687 947 |
| Février | 1 233 418 | 0 | 218 431 | 25 457 | 142 845 | 338 544 | 554 255 | 1 523 094 | 1 462 171 |
| Mars | 1 351 200 | 281 710 | 149 853 | 0 | 0 | 0 | 476 514 | 1 695 411 | 1 627 595 |
| Total Hiver | 11 062 498 | 6 365 111 | 8 492 858 | 3 784 188 | 4 102 080 | 4 707 219 | 5 087 076 | 12 161 771 | 11 675 300 |
| Avril | 13 600 419 | 2 956 605 | 6 737 351 | 3 513 504 | 4 586 938 | 2 881 398 | 7 136 281 | 6 911 494 | 6 635 034 |
| Mai | 17 066 912 | 17 274 702 | 17 181 482 | 17 142 275 | 17 159 458 | 17 159 449 | 17 205 435 | 16 737 978 | 16 068 459 |
| Juin | 14 384 575 | 12 448 613 | 13 229 697 | 11 612 219 | 11 312 395 | 14 349 276 | 13 984 382 | 13 067 566 | 12 544 864 |
| Juillet | 6 685 543 | 11 446 641 | 9 477 476 | 5 688 890 | 9 341 114 | 9 555 719 | 11 504 084 | 7 971 477 | 7 652 618 |
| Août | 2 048 216 | 6 471 418 | 2 634 062 | 4 670 448 | 2 377 498 | 2 554 824 | 10 029 668 | 5 959 977 | 5 721 578 |
| Septembre | 4 939 190 | 4 095 017 | 8 250 102 | 10 913 788 | 7 659 492 | 2 305 424 | 12 838 195 | 7 863 836 | 7 549 283 |
| Octobre | 3 718 795 | 10 293 324 | 14 603 186 | 13 045 860 | 16 310 681 | 13 809 951 | 10 464 235 | 10 482 623 | 10 063 318 |
| Novembre | 4 648 403 | 4 218 253 | 12 348 765 | 14 467 087 | 5 364 752 | 5 453 677 | 7 636 186 | 8 601 774 | 8 257 703 |
| Total Été | 67 092 053 | 69 204 574 | 84 462 121 | 81 054 072 | 74 112 327 | 68 069 718 | 90 798 466 | 77 596 725 | 74 492 856 |
| TOTAL | 72 565 330 | 75 569 685 | 92 954 979 | 84 838 260 | 78 214 407 | 72 776 937 | 95 885 543 | 89 758 496 | 86 168 156 |
| | | | | | | | | | 96% |
| TOTAL RETENU* | 69 662 716 | 72 546 897 | 89 236 780 | 81 444 730 | 75 085 831 | 69 865 860 | 92 050 121 | | Taux de disponibilité |

* en tenant compte d'un taux de disponibilité de 96%

Productibilité de la rivière SHELDRAKE

Courbe du saut, bassin versant 1040 km²

ANNÉE 1958

ANNÉE HUMIDE

D'après les données de la rivière Au Tonnerre, stations 073301 & 073303

Hauteur de chute brute 67.0 m

Deux turbines DOUBLE FRANCIS 22,0 m³/s,

débit écologique 0,1 m³/s

débit de la passe à poissons 0,2 m³/s de mai à novembre

débit esthétique de 5 m³/s du 15 juin au 15 septembre

| Puissance 25 000 kW | | |
|----------------------------|-----------------------|-------------------------------|
| Mois | Production kWh | Production retenue kWh |
| Décembre | 10 501 396 | 10 081 340 |
| Janvier | 12 107 692 | 11 623 385 |
| Février | 5 856 223 | 5 621 974 |
| Mars | 8 746 338 | 8 396 484 |
| Total Hiver | 37 211 649 | 35 723 183 |
| Avril | 11 952 383 | 11 474 287 |
| Mai | 17 170 223 | 16 483 414 |
| Juin | 16 181 531 | 15 534 270 |
| Juillet | 6 210 507 | 5 962 087 |
| Août | 3 810 750 | 3 658 320 |
| Septembre | 10 825 991 | 10 392 952 |
| Octobre | 8 989 914 | 8 630 317 |
| Novembre | 4 906 168 | 4 709 921 |
| Total Été | 80 047 466 | 76 845 568 |
| TOTAL | 117 259 115 | 112 568 750 |

Taux de disponibilité

96%

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

DÉCEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1957

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débites Rivière | Débit * Esthétique | Proportion du temps | Débites Turbinés | Hauteur Chute nette | Débites I Turbinés | Débites II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|-----------------|--------------------|---------------------|------------------|---------------------|--------------------|---------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 56.87 | 0.00 | 0.00 | 0.00 | 66.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.63 | 22.00 | 22.00 | 89.47 | 95.80 | 11 955.92 | 11 955.92 | 97.41 | 83.50 | 23 292.54 | 559 020.93 |
| 2 | 51.70 | 0.00 | 0.00 | 0.00 | 66.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 967.75 | 11 967.75 | 97.41 | 83.48 | 23 314.86 | 559 556.65 |
| 3 | 43.03 | 0.00 | 0.00 | 0.00 | 66.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 42.93 | 64.91 | 21.46 | 21.46 | 89.79 | 95.79 | 11 755.13 | 11 755.13 | 97.46 | 83.83 | 22 913.36 | 549 920.62 |
| 4 | 36.64 | 0.00 | 0.00 | 0.00 | 66.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.54 | 65.39 | 18.27 | 18.27 | 90.10 | 95.74 | 10 110.56 | 10 110.56 | 97.88 | 84.43 | 19 792.28 | 475 014.82 |
| 5 | 31.93 | 0.00 | 0.00 | 0.00 | 66.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.83 | 65.71 | 15.91 | 15.91 | 88.33 | 95.65 | 8 667.91 | 8 667.91 | 98.21 | 82.98 | 17 025.82 | 408 619.56 |
| 6 | 27.06 | 0.00 | 0.00 | 0.00 | 66.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.96 | 66.02 | 13.48 | 13.48 | 87.95 | 95.43 | 7 327.75 | 7 327.75 | 98.51 | 82.67 | 14 436.66 | 346 479.95 |
| 7 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.08 | 66.18 | 12.04 | 12.04 | 87.96 | 95.30 | 6 551.26 | 6 551.26 | 98.68 | 82.72 | 12 929.26 | 310 302.30 |
| 8 | 21.13 | 0.00 | 0.00 | 0.00 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.03 | 65.34 | 21.03 | 0.00 | 90.05 | 95.79 | 11 629.60 | 0.00 | 98.83 | 85.24 | 11 493.30 | 275 839.24 |
| 9 | 19.16 | 0.00 | 0.00 | 0.00 | 66.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.06 | 65.62 | 19.06 | 0.00 | 90.33 | 95.75 | 10 611.33 | 0.00 | 98.93 | 85.57 | 10 497.86 | 251 948.68 |
| 10 | 18.40 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.30 | 65.72 | 18.30 | 0.00 | 90.10 | 95.74 | 10 176.25 | 0.00 | 98.97 | 85.37 | 10 071.90 | 241 725.48 |
| 11 | 16.88 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.78 | 65.92 | 16.78 | 0.00 | 88.85 | 95.71 | 9 226.07 | 0.00 | 99.07 | 84.25 | 9 140.29 | 219 367.00 |
| 12 | 16.73 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.63 | 65.94 | 16.63 | 0.00 | 88.75 | 95.71 | 9 133.67 | 0.00 | 99.08 | 84.15 | 9 049.60 | 217 190.35 |
| 13 | 17.03 | 0.00 | 0.00 | 0.00 | 66.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.93 | 65.90 | 16.93 | 0.00 | 88.96 | 95.71 | 9 318.55 | 0.00 | 99.06 | 84.35 | 9 231.04 | 221 545.07 |
| 14 | 18.55 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.45 | 65.70 | 18.45 | 0.00 | 90.15 | 95.74 | 10 263.75 | 0.00 | 98.97 | 85.42 | 10 157.58 | 243 782.03 |
| 15 | 21.59 | 0.00 | 0.00 | 0.00 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.49 | 65.27 | 21.49 | 0.00 | 89.77 | 95.80 | 11 834.11 | 0.00 | 98.81 | 84.97 | 11 692.97 | 280 631.38 |
| 16 | 24.02 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.92 | 66.19 | 11.96 | 11.96 | 87.97 | 95.29 | 6 510.74 | 6 510.74 | 98.69 | 82.73 | 12 850.46 | 308 411.10 |
| 17 | 27.98 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.88 | 65.96 | 13.94 | 13.94 | 87.99 | 95.47 | 7 576.73 | 7 576.73 | 98.45 | 82.71 | 14 918.88 | 358 053.13 |
| 18 | 27.52 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.42 | 65.99 | 13.71 | 13.71 | 87.97 | 95.45 | 7 452.34 | 7 452.34 | 98.48 | 82.69 | 14 678.03 | 352 272.61 |
| 19 | 27.82 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.72 | 65.97 | 13.86 | 13.86 | 87.99 | 95.46 | 7 535.28 | 7 535.28 | 98.46 | 82.70 | 14 838.64 | 356 127.35 |
| 20 | 27.67 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.57 | 65.98 | 13.79 | 13.79 | 87.98 | 95.46 | 7 493.82 | 7 493.82 | 98.47 | 82.70 | 14 758.35 | 354 200.50 |
| 21 | 27.67 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.57 | 65.98 | 13.79 | 13.79 | 87.98 | 95.46 | 7 493.82 | 7 493.82 | 98.47 | 82.70 | 14 758.35 | 354 200.50 |
| 22 | 27.67 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.57 | 65.98 | 13.79 | 13.79 | 87.98 | 95.46 | 7 493.82 | 7 493.82 | 98.47 | 82.70 | 14 758.35 | 354 200.50 |
| 23 | 27.52 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.42 | 65.99 | 13.71 | 13.71 | 87.97 | 95.45 | 7 452.34 | 7 452.34 | 98.48 | 82.69 | 14 678.03 | 352 272.61 |
| 24 | 26.76 | 0.00 | 0.00 | 0.00 | 66.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.66 | 66.03 | 13.33 | 13.33 | 87.93 | 95.41 | 7 244.64 | 7 244.64 | 98.53 | 82.66 | 14 275.57 | 342 613.78 |
| 25 | 26.00 | 0.00 | 0.00 | 0.00 | 66.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.90 | 66.08 | 12.95 | 12.95 | 87.90 | 95.38 | 7 037.62 | 7 037.62 | 98.57 | 82.64 | 13 874.06 | 332 977.42 |
| 26 | 25.39 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.29 | 66.11 | 12.65 | 12.65 | 87.92 | 95.35 | 6 875.88 | 6 875.88 | 98.61 | 82.67 | 13 560.10 | 325 442.34 |
| 27 | 24.94 | 0.00 | 0.00 | 0.00 | 66.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.84 | 66.14 | 12.42 | 12.42 | 87.94 | 95.33 | 6 754.32 | 6 754.32 | 98.63 | 82.69 | 13 323.98 | 319 775.49 |
| 28 | 24.48 | 0.00 | 0.00 | 0.00 | 66.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.38 | 66.16 | 12.19 | 12.19 | 87.95 | 95.31 | 6 632.55 | 6 632.55 | 98.66 | 82.71 | 13 087.32 | 314 095.76 |
| 29 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.08 | 66.18 | 12.04 | 12.04 | 87.96 | 95.30 | 6 551.26 | 6 551.26 | 98.68 | 82.72 | 12 929.26 | 310 302.30 |
| 30 | 23.87 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.77 | 66.20 | 11.89 | 11.89 | 87.98 | 95.29 | 6 470.38 | 6 470.38 | 98.70 | 82.74 | 12 771.95 | 306 526.87 |
| 31 | 23.26 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.16 | 66.23 | 11.58 | 11.58 | 88.02 | 95.26 | 6 308.96 | 6 308.96 | 98.73 | 82.78 | 12 457.48 | 298 979.47 |

* Débit esthétique voir explication

10 501 396

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JANVIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débits Turbinés m³/s | Hauteur Chute brute m | Hauteur Chute nette m | Débits I Turbinés m³/s | Débits II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|------------------------|----------------------------|---------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|-------------------|--------------------|---------------------|----------------------|-----------------|------------------|----------------------|--------------------------------|
| 1 | 23.72 | 0.00 | 0.00 | 0.00 | 66.63 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.62 | 66.63 | 66.21 | 11.81 | 11.81 | 87.99 | 95.28 | 6 430.02 | 6 430.02 | 98.70 | 82.75 | 12 693.39 | 304 641.25 |
| 2 | 22.96 | 0.00 | 0.00 | 0.00 | 66.64 | 66.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.86 | 66.64 | 66.25 | 11.43 | 11.43 | 88.04 | 95.25 | 6 228.26 | 6 228.26 | 98.74 | 82.80 | 12 300.15 | 295 203.57 |
| 3 | 22.65 | 0.00 | 0.00 | 0.00 | 66.65 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.55 | 66.65 | 66.26 | 11.28 | 11.28 | 88.06 | 95.23 | 6 147.55 | 6 147.55 | 98.76 | 82.82 | 12 142.77 | 291 426.40 |
| 4 | 21.44 | 0.00 | 0.00 | 0.00 | 66.67 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.34 | 66.67 | 65.30 | 21.34 | 0.00 | 89.86 | 95.79 | 11 766.45 | 0.00 | 98.81 | 85.06 | 11 626.93 | 279 046.21 |
| 5 | 20.53 | 0.00 | 0.00 | 0.00 | 66.69 | 66.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.43 | 66.69 | 65.43 | 20.43 | 0.00 | 90.10 | 95.78 | 11 313.85 | 0.00 | 98.86 | 85.31 | 11 184.85 | 268 436.41 |
| 6 | 20.53 | 0.00 | 0.00 | 0.00 | 66.69 | 66.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.43 | 66.69 | 65.43 | 20.43 | 0.00 | 90.10 | 95.78 | 11 313.85 | 0.00 | 98.86 | 85.31 | 11 184.85 | 268 436.41 |
| 7 | 18.85 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.75 | 66.72 | 65.66 | 18.75 | 0.00 | 90.25 | 95.75 | 10 439.02 | 0.00 | 98.95 | 85.51 | 10 329.20 | 247 900.74 |
| 8 | 18.85 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.75 | 66.72 | 65.66 | 18.75 | 0.00 | 90.25 | 95.75 | 10 439.02 | 0.00 | 98.95 | 85.51 | 10 329.20 | 247 900.74 |
| 9 | 18.85 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.75 | 66.72 | 65.66 | 18.75 | 0.00 | 90.25 | 95.75 | 10 439.02 | 0.00 | 98.95 | 85.51 | 10 329.20 | 247 900.74 |
| 10 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.60 | 66.72 | 65.68 | 18.60 | 0.00 | 90.20 | 95.75 | 10 351.33 | 0.00 | 98.96 | 85.46 | 10 243.35 | 245 840.44 |
| 11 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.60 | 66.72 | 65.68 | 18.60 | 0.00 | 90.20 | 95.75 | 10 351.33 | 0.00 | 98.96 | 85.46 | 10 243.35 | 245 840.44 |
| 12 | 18.55 | 0.00 | 0.00 | 0.00 | 66.73 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.45 | 66.73 | 65.70 | 18.45 | 0.00 | 90.15 | 95.74 | 10 263.75 | 0.00 | 98.97 | 85.42 | 10 157.58 | 243 782.03 |
| 13 | 18.25 | 0.00 | 0.00 | 0.00 | 66.73 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.15 | 66.73 | 65.74 | 18.15 | 0.00 | 90.05 | 95.74 | 10 088.86 | 0.00 | 98.98 | 85.33 | 9 986.28 | 239 670.75 |
| 14 | 18.25 | 0.00 | 0.00 | 0.00 | 66.73 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.15 | 66.73 | 65.74 | 18.15 | 0.00 | 90.05 | 95.74 | 10 088.86 | 0.00 | 98.98 | 85.33 | 9 986.28 | 239 670.75 |
| 15 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.60 | 66.72 | 65.68 | 18.60 | 0.00 | 90.20 | 95.75 | 10 351.33 | 0.00 | 98.96 | 85.46 | 10 243.35 | 245 840.44 |
| 16 | 22.65 | 0.00 | 0.00 | 0.00 | 66.65 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.55 | 66.65 | 66.26 | 11.28 | 11.28 | 88.06 | 95.23 | 6 147.55 | 6 147.55 | 98.76 | 82.82 | 12 142.77 | 291 426.40 |
| 17 | 26.61 | 0.00 | 0.00 | 0.00 | 66.57 | 66.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.51 | 66.57 | 66.04 | 13.25 | 13.25 | 87.92 | 95.41 | 7 203.08 | 7 203.08 | 98.53 | 82.65 | 14 195.00 | 340 680.08 |
| 18 | 39.38 | 0.00 | 0.00 | 0.00 | 66.35 | 66.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 39.28 | 66.35 | 65.19 | 19.64 | 19.64 | 90.17 | 95.76 | 10 846.22 | 10 846.22 | 97.69 | 84.36 | 21 191.82 | 508 603.62 |
| 19 | 67.20 | 0.00 | 0.00 | 0.00 | 65.94 | 65.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.94 | 64.49 | 22.00 | 22.00 | 89.50 | 95.80 | 11 933.15 | 11 933.15 | 97.42 | 83.53 | 23 249.56 | 557 989.38 |
| 20 | 88.19 | 0.00 | 0.00 | 0.00 | 65.67 | 65.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.67 | 64.22 | 22.00 | 22.00 | 89.56 | 95.80 | 11 890.21 | 11 890.21 | 97.43 | 83.59 | 23 168.50 | 556 043.98 |
| 21 | 124.83 | 0.00 | 0.00 | 0.00 | 65.25 | 65.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.25 | 63.79 | 22.00 | 22.00 | 89.54 | 95.79 | 11 809.07 | 11 809.07 | 97.45 | 83.58 | 23 015.26 | 552 366.32 |
| 22 | 122.70 | 0.00 | 0.00 | 0.00 | 65.27 | 65.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.27 | 63.82 | 22.00 | 22.00 | 89.55 | 95.79 | 11 814.40 | 11 814.40 | 97.45 | 83.59 | 23 025.33 | 552 607.99 |
| 23 | 109.78 | 0.00 | 0.00 | 0.00 | 65.42 | 65.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.42 | 63.96 | 22.00 | 22.00 | 89.59 | 95.80 | 11 846.81 | 11 846.81 | 97.44 | 83.62 | 23 086.54 | 554 076.96 |
| 24 | 94.73 | 0.00 | 0.00 | 0.00 | 65.59 | 65.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.59 | 64.14 | 22.00 | 22.00 | 89.57 | 95.80 | 11 877.59 | 11 877.59 | 97.43 | 83.60 | 23 144.66 | 555 471.93 |
| 25 | 81.80 | 0.00 | 0.00 | 0.00 | 65.75 | 65.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.75 | 64.30 | 22.00 | 22.00 | 89.54 | 95.80 | 11 902.87 | 11 902.87 | 97.42 | 83.57 | 23 192.40 | 556 617.56 |
| 26 | 71.01 | 0.00 | 0.00 | 0.00 | 65.89 | 65.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.89 | 64.44 | 22.00 | 22.00 | 89.51 | 95.80 | 11 925.02 | 11 925.02 | 97.42 | 83.54 | 23 234.21 | 557 621.02 |
| 27 | 62.49 | 0.00 | 0.00 | 0.00 | 66.01 | 66.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.01 | 64.55 | 22.00 | 22.00 | 89.49 | 95.80 | 11 943.36 | 11 943.36 | 97.41 | 83.51 | 23 268.82 | 558 451.71 |
| 28 | 53.37 | 0.00 | 0.00 | 0.00 | 66.14 | 66.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.14 | 64.68 | 22.00 | 22.00 | 89.46 | 95.80 | 11 963.92 | 11 963.92 | 97.41 | 83.48 | 23 307.64 | 559 383.36 |
| 29 | 46.98 | 0.00 | 0.00 | 0.00 | 66.23 | 66.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.23 | 64.77 | 22.00 | 22.00 | 89.45 | 95.80 | 11 978.88 | 11 978.88 | 97.40 | 83.46 | 23 335.87 | 560 060.87 |
| 30 | 38.32 | 0.00 | 0.00 | 0.00 | 66.37 | 66.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 38.22 | 66.37 | 65.27 | 19.11 | 19.11 | 90.34 | 95.75 | 10 583.89 | 10 583.89 | 97.76 | 84.57 | 20 693.39 | 496 641.24 |
| 31 | 34.06 | 0.00 | 0.00 | 0.00 | 66.44 | 66.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 33.96 | 66.44 | 65.57 | 16.98 | 16.98 | 89.03 | 95.71 | 9 306.87 | 9 306.87 | 98.07 | 83.57 | 18 254.69 | 438 112.56 |

* Débit esthétique voir explication

12 107 692

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

FÉVRIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débits Turbinés m³/s | Hauteur Chute brute m | Hauteur Chute nette m | Débits I Turbinés m³/s | Débits II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|------------------------|-------------------------------|------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|----------------------|-----------------------|------------------------|-------------------------|--------------------|---------------------|-------------------------|-----------------------------------|
| 1 | 27.98 | 0.00 | 0.00 | 0.00 | 66.55 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.88 | 66.55 | 65.96 | 13.94 | 13.94 | 87.99 | 95.47 | 7 576.73 | 7 576.73 | 98.45 | 82.71 | 14 918.88 | 358 053.13 |
| 2 | 27.98 | 0.00 | 0.00 | 0.00 | 66.55 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.88 | 66.55 | 65.96 | 13.94 | 13.94 | 87.99 | 95.47 | 7 576.73 | 7 576.73 | 98.45 | 82.71 | 14 918.88 | 358 053.13 |
| 3 | 31.47 | 0.00 | 0.00 | 0.00 | 66.48 | 66.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.37 | 66.48 | 65.74 | 15.69 | 15.69 | 88.25 | 95.63 | 8 537.85 | 8 537.85 | 98.24 | 82.91 | 16 775.23 | 402 605.52 |
| 4 | 31.47 | 0.00 | 0.00 | 0.00 | 66.48 | 66.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.37 | 66.48 | 65.74 | 15.69 | 15.69 | 88.25 | 95.63 | 8 537.85 | 8 537.85 | 98.24 | 82.91 | 16 775.23 | 402 605.52 |
| 5 | 25.85 | 0.00 | 0.00 | 0.00 | 66.59 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.75 | 66.59 | 66.09 | 12.87 | 12.87 | 87.90 | 95.37 | 6 997.23 | 6 997.23 | 98.58 | 82.65 | 13 795.66 | 331 095.91 |
| 6 | 20.68 | 0.00 | 0.00 | 0.00 | 66.68 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.58 | 66.68 | 65.41 | 20.58 | 0.00 | 90.09 | 95.78 | 11 393.04 | 0.00 | 98.85 | 85.29 | 11 262.24 | 270 293.68 |
| 7 | 17.18 | 0.00 | 0.00 | 0.00 | 66.76 | 66.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.08 | 66.76 | 65.88 | 17.08 | 0.00 | 89.09 | 95.71 | 9 413.69 | 0.00 | 99.05 | 84.47 | 9 324.39 | 223 785.35 |
| 8 | 17.64 | 0.00 | 0.00 | 0.00 | 66.75 | 66.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.54 | 66.75 | 65.82 | 17.54 | 0.00 | 89.55 | 95.72 | 9 706.73 | 0.00 | 99.02 | 84.88 | 9 611.78 | 230 682.68 |
| 9 | 18.55 | 0.00 | 0.00 | 0.00 | 66.73 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.45 | 66.73 | 65.70 | 18.45 | 0.00 | 90.15 | 95.74 | 10 263.75 | 0.00 | 98.97 | 85.42 | 10 157.58 | 243 782.03 |
| 10 | 17.49 | 0.00 | 0.00 | 0.00 | 66.75 | 66.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.39 | 66.75 | 65.84 | 17.39 | 0.00 | 89.40 | 95.72 | 9 608.90 | 0.00 | 99.03 | 84.74 | 9 515.85 | 228 380.50 |
| 11 | 16.42 | 0.00 | 0.00 | 0.00 | 66.78 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.32 | 66.78 | 65.97 | 16.32 | 0.00 | 88.53 | 95.70 | 8 948.82 | 0.00 | 99.10 | 83.96 | 8 868.12 | 212 834.86 |
| 12 | 15.16 | 0.00 | 0.00 | 0.00 | 66.80 | 66.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.06 | 66.80 | 66.12 | 15.06 | 0.00 | 88.02 | 95.58 | 8 217.08 | 0.00 | 99.17 | 83.43 | 8 149.04 | 195 576.94 |
| 13 | 22.20 | 0.00 | 0.00 | 0.00 | 66.65 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.10 | 66.65 | 66.29 | 11.05 | 11.05 | 88.09 | 95.21 | 6 026.49 | 6 026.49 | 98.79 | 82.86 | 11 906.58 | 285 757.95 |
| 14 | 11.75 | 0.00 | 0.00 | 0.00 | 66.88 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.65 | 66.88 | 66.47 | 11.65 | 0.00 | 87.97 | 95.27 | 6 368.69 | 0.00 | 99.36 | 83.28 | 6 328.15 | 151 875.71 |
| 15 | 11.37 | 0.00 | 0.00 | 0.00 | 66.89 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.27 | 66.89 | 66.51 | 11.27 | 0.00 | 88.05 | 95.24 | 6 167.04 | 0.00 | 99.40 | 83.34 | 6 129.84 | 147 116.26 |
| 16 | 11.54 | 0.00 | 0.00 | 0.00 | 66.88 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.44 | 66.88 | 66.49 | 11.44 | 0.00 | 88.01 | 95.25 | 6 255.78 | 0.00 | 99.38 | 83.31 | 6 217.13 | 149 211.15 |
| 17 | 12.06 | 0.00 | 0.00 | 0.00 | 66.87 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.96 | 66.87 | 66.44 | 11.96 | 0.00 | 87.92 | 95.30 | 6 529.95 | 0.00 | 99.34 | 83.23 | 6 486.98 | 155 687.44 |
| 18 | 11.97 | 0.00 | 0.00 | 0.00 | 66.88 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.87 | 66.88 | 66.45 | 11.87 | 0.00 | 87.94 | 95.29 | 6 481.58 | 0.00 | 99.35 | 83.24 | 6 439.24 | 154 541.76 |
| 19 | 11.63 | 0.00 | 0.00 | 0.00 | 66.88 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.53 | 66.88 | 66.48 | 11.53 | 0.00 | 88.00 | 95.26 | 6 304.18 | 0.00 | 99.37 | 83.30 | 6 264.72 | 150 353.32 |
| 20 | 11.40 | 0.00 | 0.00 | 0.00 | 66.89 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.30 | 66.89 | 66.50 | 11.30 | 0.00 | 88.04 | 95.24 | 6 183.18 | 0.00 | 99.39 | 83.34 | 6 145.72 | 147 497.24 |
| 21 | 11.19 | 0.00 | 0.00 | 0.00 | 66.89 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.09 | 66.89 | 66.52 | 11.09 | 0.00 | 88.08 | 95.22 | 6 070.21 | 0.00 | 99.41 | 83.38 | 6 034.56 | 144 829.49 |
| 22 | 10.89 | 0.00 | 0.00 | 0.00 | 66.90 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.79 | 66.90 | 66.55 | 10.79 | 0.00 | 88.26 | 95.18 | 5 915.50 | 0.00 | 99.44 | 83.53 | 5 882.27 | 141 174.60 |
| 23 | 10.72 | 0.00 | 0.00 | 0.00 | 66.90 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.62 | 66.90 | 66.56 | 10.62 | 0.00 | 88.38 | 95.13 | 5 830.01 | 0.00 | 99.45 | 83.62 | 5 798.10 | 139 154.28 |
| 24 | 10.29 | 0.00 | 0.00 | 0.00 | 66.91 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.19 | 66.91 | 66.60 | 10.19 | 0.00 | 88.70 | 94.99 | 5 611.24 | 0.00 | 99.49 | 83.82 | 5 582.55 | 133 981.29 |
| 25 | 9.94 | 0.00 | 0.00 | 0.00 | 67.03 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.84 | 67.03 | 66.73 | 9.84 | 0.00 | 88.72 | 94.88 | 5 424.33 | 0.00 | 99.52 | 83.77 | 5 398.28 | 129 558.63 |
| 26 | 9.82 | 0.00 | 0.00 | 0.00 | 67.03 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.72 | 67.03 | 66.75 | 9.72 | 0.00 | 88.63 | 94.83 | 5 350.41 | 0.00 | 99.53 | 83.66 | 5 325.37 | 127 808.77 |
| 27 | 9.47 | 0.00 | 0.00 | 0.00 | 67.04 | 67.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.37 | 67.04 | 66.78 | 9.37 | 0.00 | 88.38 | 94.70 | 5 138.85 | 0.00 | 99.57 | 83.34 | 5 116.59 | 122 798.21 |
| 28 | 9.08 | 0.00 | 0.00 | 0.00 | 67.05 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.98 | 67.05 | 66.81 | 8.98 | 0.00 | 88.07 | 94.55 | 4 899.60 | 0.00 | 99.61 | 82.94 | 4 880.31 | 117 127.50 |
| 29 | 0.00 | 0.00 | 0.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

* Débit esthétique voir explication

5 856 223

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MARS

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 8.61 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.51 | 66.85 | 8.51 | 0.00 | 87.08 | 94.35 | 4 583.52 | 0.00 | 99.66 | 81.89 | 4 567.87 | 109 628.91 |
| 2 | 8.61 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.51 | 66.85 | 8.51 | 0.00 | 87.08 | 94.35 | 4 583.52 | 0.00 | 99.66 | 81.89 | 4 567.87 | 109 628.91 |
| 3 | 8.58 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.48 | 66.85 | 8.48 | 0.00 | 87.02 | 94.34 | 4 563.35 | 0.00 | 99.66 | 81.82 | 4 547.92 | 109 150.19 |
| 4 | 8.53 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.43 | 66.86 | 8.43 | 0.00 | 86.92 | 94.32 | 4 533.15 | 0.00 | 99.67 | 81.72 | 4 518.05 | 108 433.26 |
| 5 | 8.58 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.48 | 66.85 | 8.48 | 0.00 | 87.02 | 94.34 | 4 563.35 | 0.00 | 99.66 | 81.82 | 4 547.92 | 109 150.19 |
| 6 | 9.12 | 0.00 | 0.00 | 0.00 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.02 | 66.81 | 9.02 | 0.00 | 88.14 | 94.57 | 4 928.71 | 0.00 | 99.60 | 83.02 | 4 909.08 | 117 817.82 |
| 7 | 10.76 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.66 | 66.56 | 10.66 | 0.00 | 88.35 | 95.14 | 5 853.35 | 0.00 | 99.45 | 83.59 | 5 821.08 | 139 705.95 |
| 8 | 15.07 | 0.00 | 0.00 | 0.00 | 66.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.97 | 66.13 | 14.97 | 0.00 | 88.00 | 95.57 | 8 166.24 | 0.00 | 99.18 | 83.41 | 8 099.04 | 194 376.86 |
| 9 | 20.68 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.58 | 65.41 | 20.58 | 0.00 | 90.09 | 95.78 | 11 393.04 | 0.00 | 98.85 | 85.29 | 11 262.24 | 270 293.68 |
| 10 | 30.11 | 0.00 | 0.00 | 0.00 | 66.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 30.01 | 65.83 | 15.00 | 15.00 | 88.02 | 95.56 | 8 149.19 | 8 149.19 | 98.33 | 82.71 | 16 025.54 | 384 612.96 |
| 11 | 37.56 | 0.00 | 0.00 | 0.00 | 66.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.46 | 65.33 | 18.73 | 18.73 | 90.27 | 95.75 | 10 372.93 | 10 372.93 | 97.81 | 84.54 | 20 292.06 | 487 009.48 |
| 12 | 72.37 | 0.00 | 0.00 | 0.00 | 65.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 922.19 | 11 922.19 | 97.42 | 83.54 | 23 228.87 | 557 492.99 |
| 13 | 60.21 | 0.00 | 0.00 | 0.00 | 66.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.58 | 22.00 | 22.00 | 89.48 | 95.80 | 11 948.29 | 11 948.29 | 97.41 | 83.51 | 23 278.14 | 558 675.35 |
| 14 | 50.78 | 0.00 | 0.00 | 0.00 | 66.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.72 | 22.00 | 22.00 | 89.46 | 95.80 | 11 969.84 | 11 969.84 | 97.41 | 83.48 | 23 318.80 | 559 651.17 |
| 15 | 46.53 | 0.00 | 0.00 | 0.00 | 66.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.78 | 22.00 | 22.00 | 89.44 | 95.80 | 11 979.98 | 11 979.98 | 97.40 | 83.46 | 23 337.93 | 560 110.43 |
| 16 | 43.49 | 0.00 | 0.00 | 0.00 | 66.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 43.39 | 64.87 | 21.69 | 21.69 | 89.64 | 95.80 | 11 853.64 | 11 853.64 | 97.44 | 83.67 | 23 099.45 | 554 386.70 |
| 17 | 40.60 | 0.00 | 0.00 | 0.00 | 66.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 40.50 | 65.10 | 20.25 | 20.25 | 90.04 | 95.77 | 11 151.30 | 11 151.30 | 97.61 | 84.18 | 21 770.59 | 522 494.24 |
| 18 | 35.43 | 0.00 | 0.00 | 0.00 | 66.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 35.33 | 65.48 | 17.66 | 17.66 | 89.68 | 95.73 | 9 740.30 | 9 740.30 | 97.97 | 84.11 | 19 085.81 | 458 059.49 |
| 19 | 31.32 | 0.00 | 0.00 | 0.00 | 66.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.22 | 65.75 | 15.61 | 15.61 | 88.22 | 95.62 | 8 494.55 | 8 494.55 | 98.25 | 82.88 | 16 691.78 | 400 602.73 |
| 20 | 26.15 | 0.00 | 0.00 | 0.00 | 66.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.05 | 66.07 | 13.03 | 13.03 | 87.90 | 95.39 | 7 078.41 | 7 078.41 | 98.56 | 82.64 | 13 953.19 | 334 876.48 |
| 21 | 21.29 | 0.00 | 0.00 | 0.00 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.19 | 65.32 | 21.19 | 0.00 | 89.96 | 95.79 | 11 698.28 | 0.00 | 98.82 | 85.15 | 11 560.37 | 277 448.77 |
| 22 | 19.01 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.91 | 65.64 | 18.91 | 0.00 | 90.30 | 95.75 | 10 526.80 | 0.00 | 98.94 | 85.55 | 10 415.12 | 249 962.99 |
| 23 | 16.73 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.63 | 65.94 | 16.63 | 0.00 | 88.75 | 95.71 | 9 133.67 | 0.00 | 99.08 | 84.15 | 9 049.60 | 217 190.35 |
| 24 | 14.60 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.50 | 66.18 | 14.50 | 0.00 | 87.99 | 95.53 | 7 911.06 | 0.00 | 99.20 | 83.38 | 7 847.99 | 188 351.82 |
| 25 | 13.43 | 0.00 | 0.00 | 0.00 | 66.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.33 | 66.31 | 13.33 | 0.00 | 87.90 | 95.42 | 7 270.37 | 0.00 | 99.27 | 83.26 | 7 217.10 | 173 210.44 |
| 26 | 13.65 | 0.00 | 0.00 | 0.00 | 66.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.55 | 66.28 | 13.55 | 0.00 | 87.93 | 95.44 | 7 395.90 | 0.00 | 99.25 | 83.29 | 7 340.78 | 176 178.65 |
| 27 | 13.26 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.16 | 66.32 | 13.16 | 0.00 | 87.88 | 95.40 | 7 178.32 | 0.00 | 99.28 | 83.24 | 7 126.39 | 171 033.32 |
| 28 | 13.14 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.04 | 66.34 | 13.04 | 0.00 | 87.87 | 95.39 | 7 111.37 | 0.00 | 99.28 | 83.22 | 7 060.41 | 169 449.73 |
| 29 | 12.70 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.60 | 66.38 | 12.60 | 0.00 | 87.89 | 95.35 | 6 873.88 | 0.00 | 99.31 | 83.22 | 6 826.27 | 163 830.38 |
| 30 | 12.32 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.22 | 66.42 | 12.22 | 0.00 | 87.90 | 95.32 | 6 669.06 | 0.00 | 99.33 | 83.23 | 6 624.24 | 158 981.72 |
| 31 | 11.97 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.87 | 66.45 | 11.87 | 0.00 | 87.94 | 95.29 | 6 481.58 | 0.00 | 99.35 | 83.24 | 6 439.24 | 154 541.76 |

* Débit esthétique voir explication

8 746 338

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AVRIL

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débts Rivière | Débit * Esthétique | Proportion du temps | Débts Turbinés | Hauteur Chute nette | Débts I Turbinés | Débts II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|---------------|--------------------|---------------------|----------------|---------------------|------------------|-------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 11.28 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.18 | 66.51 | 11.18 | 0.00 | 88.06 | 95.23 | 6 118.63 | 0.00 | 99.40 | 83.36 | 6 082.21 | 145 973.07 |
| 2 | 10.86 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.76 | 66.55 | 10.76 | 0.00 | 88.28 | 95.17 | 5 899.97 | 0.00 | 99.44 | 83.55 | 5 866.99 | 140 807.77 |
| 3 | 10.42 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.32 | 66.59 | 10.32 | 0.00 | 88.61 | 95.03 | 5 673.92 | 0.00 | 99.48 | 83.76 | 5 644.32 | 135 463.68 |
| 4 | 10.04 | 0.00 | 0.00 | 0.00 | 66.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.94 | 66.62 | 9.94 | 0.00 | 88.79 | 94.91 | 5 471.65 | 0.00 | 99.51 | 83.86 | 5 444.94 | 130 678.56 |
| 5 | 9.43 | 0.00 | 0.00 | 0.00 | 67.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.33 | 66.78 | 9.33 | 0.00 | 88.35 | 94.68 | 5 111.36 | 0.00 | 99.57 | 83.29 | 5 089.45 | 122 146.88 |
| 6 | 9.12 | 0.00 | 0.00 | 0.00 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.02 | 66.81 | 9.02 | 0.00 | 88.14 | 94.57 | 4 928.71 | 0.00 | 99.60 | 83.02 | 4 909.08 | 117 817.82 |
| 7 | 11.28 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.18 | 66.51 | 11.18 | 0.00 | 88.06 | 95.23 | 6 118.63 | 0.00 | 99.40 | 83.36 | 6 082.21 | 145 973.07 |
| 8 | 13.14 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.04 | 66.34 | 13.04 | 0.00 | 87.87 | 95.39 | 7 111.37 | 0.00 | 99.28 | 83.22 | 7 060.41 | 169 449.73 |
| 9 | 15.81 | 0.00 | 0.00 | 0.00 | 66.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.71 | 66.05 | 15.71 | 0.00 | 88.21 | 95.64 | 8 588.42 | 0.00 | 99.13 | 83.63 | 8 514.09 | 204 338.08 |
| 10 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.60 | 65.68 | 18.60 | 0.00 | 90.20 | 95.75 | 10 351.33 | 0.00 | 98.96 | 85.46 | 10 243.35 | 245 840.44 |
| 11 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.08 | 66.18 | 12.04 | 12.04 | 87.96 | 95.30 | 6 551.26 | 6 551.26 | 98.68 | 82.72 | 12 929.26 | 310 302.30 |
| 12 | 29.50 | 0.00 | 0.00 | 0.00 | 66.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 29.40 | 65.87 | 14.70 | 14.70 | 88.01 | 95.54 | 7 985.62 | 7 985.62 | 98.36 | 82.70 | 15 709.62 | 377 030.97 |
| 13 | 34.51 | 0.00 | 0.00 | 0.00 | 66.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 34.41 | 65.54 | 17.21 | 17.21 | 89.24 | 95.72 | 9 450.62 | 9 450.62 | 98.04 | 83.75 | 18 530.66 | 444 735.76 |
| 14 | 36.19 | 0.00 | 0.00 | 0.00 | 66.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.09 | 65.43 | 18.04 | 18.04 | 90.02 | 95.73 | 9 979.72 | 9 979.72 | 97.91 | 84.38 | 19 542.80 | 469 027.12 |
| 15 | 42.42 | 0.00 | 0.00 | 0.00 | 66.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 42.32 | 64.95 | 21.16 | 21.16 | 89.99 | 95.79 | 11 623.21 | 11 623.21 | 97.49 | 84.04 | 22 664.01 | 543 936.15 |
| 16 | 43.94 | 0.00 | 0.00 | 0.00 | 66.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 43.84 | 64.83 | 21.92 | 21.92 | 89.49 | 95.80 | 11 951.80 | 11 951.80 | 97.41 | 83.51 | 23 284.76 | 558 834.17 |
| 17 | 48.20 | 0.00 | 0.00 | 0.00 | 66.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.76 | 22.00 | 22.00 | 89.45 | 95.80 | 11 975.96 | 11 975.96 | 97.40 | 83.47 | 23 330.36 | 559 928.71 |
| 18 | 52.15 | 0.00 | 0.00 | 0.00 | 66.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 966.71 | 11 966.71 | 97.41 | 83.48 | 23 312.89 | 559 509.39 |
| 19 | 58.99 | 0.00 | 0.00 | 0.00 | 66.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.60 | 22.00 | 22.00 | 89.48 | 95.80 | 11 951.05 | 11 951.05 | 97.41 | 83.50 | 23 283.34 | 558 800.27 |
| 20 | 90.47 | 0.00 | 0.00 | 0.00 | 65.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.19 | 22.00 | 22.00 | 89.56 | 95.80 | 11 885.73 | 11 885.73 | 97.43 | 83.59 | 23 160.02 | 555 840.59 |
| 21 | 116.62 | 0.00 | 0.00 | 0.00 | 65.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.88 | 22.00 | 22.00 | 89.57 | 95.80 | 11 829.64 | 11 829.64 | 97.44 | 83.60 | 23 054.11 | 553 298.62 |
| 22 | 143.84 | 0.00 | 0.00 | 0.00 | 65.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.59 | 22.00 | 22.00 | 89.48 | 95.79 | 11 763.24 | 11 763.24 | 97.46 | 83.53 | 22 928.69 | 550 288.49 |
| 23 | 173.33 | 0.00 | 0.00 | 0.00 | 64.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.30 | 22.00 | 22.00 | 89.39 | 95.79 | 11 697.14 | 11 697.14 | 97.48 | 83.47 | 22 803.76 | 547 290.33 |
| 24 | 209.82 | 0.00 | 0.00 | 0.00 | 64.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.95 | 22.00 | 22.00 | 89.29 | 95.79 | 11 619.92 | 11 619.92 | 97.50 | 83.39 | 22 657.79 | 543 786.97 |
| 25 | 229.59 | 0.00 | 0.00 | 0.00 | 64.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.77 | 22.00 | 22.00 | 89.28 | 95.79 | 11 584.61 | 11 584.61 | 97.50 | 83.38 | 22 591.02 | 542 184.44 |
| 26 | 258.48 | 0.00 | 0.00 | 0.00 | 63.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.51 | 22.00 | 22.00 | 89.25 | 95.79 | 11 534.01 | 11 534.01 | 97.52 | 83.37 | 22 495.31 | 539 887.54 |
| 27 | 212.87 | 0.00 | 0.00 | 0.00 | 64.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.92 | 22.00 | 22.00 | 89.29 | 95.79 | 11 614.49 | 11 614.49 | 97.50 | 83.39 | 22 647.52 | 543 540.41 |
| 28 | 183.98 | 0.00 | 0.00 | 0.00 | 64.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.19 | 22.00 | 22.00 | 89.36 | 95.79 | 11 673.68 | 11 673.68 | 97.48 | 83.44 | 22 759.43 | 546 226.37 |
| 29 | 203.74 | 0.00 | 0.00 | 0.00 | 64.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.00 | 22.00 | 22.00 | 89.30 | 95.79 | 11 630.83 | 11 630.83 | 97.49 | 83.39 | 22 678.42 | 544 282.02 |
| 30 | 194.62 | 0.00 | 0.00 | 0.00 | 64.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.09 | 22.00 | 22.00 | 89.33 | 95.79 | 11 650.24 | 11 650.24 | 97.49 | 83.42 | 22 715.12 | 545 162.92 |

* Débit esthétique voir explication

11 952 383

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MAI

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débts Rivière | Débit * Esthétique | Proportion du temps | Débts Turbinés | Hauteur Chute nette | Débts I Turbinés | Débts II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|---------------|--------------------|---------------------|----------------|---------------------|------------------|-------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 177.89 | 0.00 | 0.00 | 0.00 | 64.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.25 | 22.00 | 22.00 | 89.38 | 95.79 | 11 687.08 | 11 687.08 | 97.48 | 83.45 | 22 784.76 | 546 834.29 |
| 2 | 156.61 | 0.00 | 0.00 | 0.00 | 64.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.46 | 22.00 | 22.00 | 89.44 | 95.79 | 11 734.02 | 11 734.02 | 97.47 | 83.50 | 22 873.47 | 548 963.26 |
| 3 | 142.92 | 0.00 | 0.00 | 0.00 | 65.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.60 | 22.00 | 22.00 | 89.48 | 95.79 | 11 765.41 | 11 765.41 | 97.46 | 83.54 | 22 932.78 | 550 386.77 |
| 4 | 139.88 | 0.00 | 0.00 | 0.00 | 65.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.63 | 22.00 | 22.00 | 89.49 | 95.79 | 11 772.64 | 11 772.64 | 97.46 | 83.54 | 22 946.43 | 550 714.40 |
| 5 | 155.09 | 0.00 | 0.00 | 0.00 | 64.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.48 | 22.00 | 22.00 | 89.44 | 95.79 | 11 737.37 | 11 737.37 | 97.47 | 83.51 | 22 879.81 | 549 115.40 |
| 6 | 151.59 | 0.00 | 0.00 | 0.00 | 64.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.51 | 22.00 | 22.00 | 89.45 | 95.79 | 11 745.09 | 11 745.09 | 97.46 | 83.52 | 22 894.39 | 549 465.38 |
| 7 | 137.75 | 0.00 | 0.00 | 0.00 | 65.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.65 | 22.00 | 22.00 | 89.50 | 95.79 | 11 777.69 | 11 777.69 | 97.46 | 83.55 | 22 959.99 | 550 943.76 |
| 8 | 134.26 | 0.00 | 0.00 | 0.00 | 65.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.69 | 22.00 | 22.00 | 89.51 | 95.79 | 11 786.01 | 11 786.01 | 97.45 | 83.56 | 22 971.69 | 551 320.63 |
| 9 | 142.92 | 0.00 | 0.00 | 0.00 | 65.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.60 | 22.00 | 22.00 | 89.48 | 95.79 | 11 765.41 | 11 765.41 | 97.46 | 83.54 | 22 932.78 | 550 386.77 |
| 10 | 150.22 | 0.00 | 0.00 | 0.00 | 64.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.52 | 22.00 | 22.00 | 89.46 | 95.79 | 11 748.11 | 11 748.11 | 97.46 | 83.52 | 22 900.10 | 549 602.34 |
| 11 | 143.84 | 0.00 | 0.00 | 0.00 | 65.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.59 | 22.00 | 22.00 | 89.48 | 95.79 | 11 763.24 | 11 763.24 | 97.46 | 83.53 | 22 928.69 | 550 288.49 |
| 12 | 139.88 | 0.00 | 0.00 | 0.00 | 65.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.63 | 22.00 | 22.00 | 89.49 | 95.79 | 11 772.64 | 11 772.64 | 97.46 | 83.54 | 22 946.43 | 550 714.40 |
| 13 | 135.17 | 0.00 | 0.00 | 0.00 | 65.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.68 | 22.00 | 22.00 | 89.50 | 95.79 | 11 783.84 | 11 783.84 | 97.45 | 83.56 | 22 967.60 | 551 222.31 |
| 14 | 130.91 | 0.00 | 0.00 | 0.00 | 65.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.73 | 22.00 | 22.00 | 89.52 | 95.79 | 11 793.96 | 11 793.96 | 97.45 | 83.57 | 22 986.72 | 551 681.17 |
| 15 | 121.49 | 0.00 | 0.00 | 0.00 | 65.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 552 746.10 |
| 16 | 111.15 | 0.00 | 0.00 | 0.00 | 65.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.95 | 22.00 | 22.00 | 89.58 | 95.80 | 11 843.36 | 11 843.36 | 97.44 | 83.62 | 23 080.02 | 553 920.36 |
| 17 | 92.60 | 0.00 | 0.00 | 0.00 | 65.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.16 | 22.00 | 22.00 | 89.57 | 95.80 | 11 881.66 | 11 881.66 | 97.43 | 83.60 | 23 152.34 | 555 656.27 |
| 18 | 85.75 | 0.00 | 0.00 | 0.00 | 65.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.25 | 22.00 | 22.00 | 89.55 | 95.80 | 11 895.04 | 11 895.04 | 97.43 | 83.58 | 23 177.60 | 556 262.52 |
| 19 | 90.47 | 0.00 | 0.00 | 0.00 | 65.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.19 | 22.00 | 22.00 | 89.56 | 95.80 | 11 885.73 | 11 885.73 | 97.43 | 83.59 | 23 160.02 | 555 840.59 |
| 20 | 86.06 | 0.00 | 0.00 | 0.00 | 65.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.24 | 22.00 | 22.00 | 89.55 | 95.80 | 11 894.43 | 11 894.43 | 97.43 | 83.58 | 23 176.47 | 556 235.20 |
| 21 | 78.00 | 0.00 | 0.00 | 0.00 | 65.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.34 | 22.00 | 22.00 | 89.53 | 95.80 | 11 910.57 | 11 910.57 | 97.42 | 83.56 | 23 206.94 | 556 966.52 |
| 22 | 66.75 | 0.00 | 0.00 | 0.00 | 65.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.49 | 22.00 | 22.00 | 89.50 | 95.80 | 11 934.14 | 11 934.14 | 97.42 | 83.53 | 23 251.42 | 558 034.13 |
| 23 | 79.67 | 0.00 | 0.00 | 0.00 | 65.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.32 | 22.00 | 22.00 | 89.54 | 95.80 | 11 907.12 | 11 907.12 | 97.42 | 83.56 | 23 200.41 | 556 809.95 |
| 24 | 74.05 | 0.00 | 0.00 | 0.00 | 65.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.40 | 22.00 | 22.00 | 89.52 | 95.80 | 11 918.74 | 11 918.74 | 97.42 | 83.55 | 23 222.35 | 557 336.50 |
| 25 | 63.71 | 0.00 | 0.00 | 0.00 | 65.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.53 | 22.00 | 22.00 | 89.49 | 95.80 | 11 940.72 | 11 940.72 | 97.41 | 83.52 | 23 263.85 | 558 332.41 |
| 26 | 55.50 | 0.00 | 0.00 | 0.00 | 66.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.65 | 22.00 | 22.00 | 89.47 | 95.80 | 11 959.05 | 11 959.05 | 97.41 | 83.49 | 23 298.45 | 559 162.76 |
| 27 | 48.65 | 0.00 | 0.00 | 0.00 | 66.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.75 | 22.00 | 22.00 | 89.45 | 95.80 | 11 974.87 | 11 974.87 | 97.41 | 83.47 | 23 328.30 | 559 879.12 |
| 28 | 43.49 | 0.00 | 0.00 | 0.00 | 66.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 43.19 | 64.88 | 21.59 | 21.59 | 89.70 | 95.79 | 11 809.96 | 11 809.96 | 97.45 | 83.74 | 23 016.94 | 552 406.67 |
| 29 | 48.65 | 0.00 | 0.00 | 0.00 | 66.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.75 | 22.00 | 22.00 | 89.45 | 95.80 | 11 974.87 | 11 974.87 | 97.41 | 83.47 | 23 328.30 | 559 879.12 |
| 30 | 53.82 | 0.00 | 0.00 | 0.00 | 66.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.67 | 22.00 | 22.00 | 89.47 | 95.80 | 11 962.88 | 11 962.88 | 97.41 | 83.49 | 23 305.67 | 559 336.09 |
| 31 | 49.57 | 0.00 | 0.00 | 0.00 | 66.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.74 | 22.00 | 22.00 | 89.45 | 95.80 | 11 972.67 | 11 972.67 | 97.41 | 83.47 | 23 324.15 | 559 779.57 |

* Débit esthétique voir explication

17 170 223

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUIN

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute brute | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 46.07 | 0.00 | 0.00 | 0.00 | 66.25 | 66.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.25 | 64.79 | 22.00 | 22.00 | 89.44 | 95.80 | 11 981.07 | 11 981.07 | 97.40 | 83.46 | 23 340.00 | 560 159.98 |
| 2 | 47.29 | 0.00 | 0.00 | 0.00 | 66.23 | 66.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.23 | 64.77 | 22.00 | 22.00 | 89.45 | 95.80 | 11 978.15 | 11 978.15 | 97.40 | 83.47 | 23 334.49 | 560 027.83 |
| 3 | 49.57 | 0.00 | 0.00 | 0.00 | 66.19 | 66.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.19 | 64.74 | 22.00 | 22.00 | 89.45 | 95.80 | 11 972.67 | 11 972.67 | 97.41 | 83.47 | 23 324.15 | 559 779.57 |
| 4 | 46.98 | 0.00 | 0.00 | 0.00 | 66.23 | 66.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.23 | 64.77 | 22.00 | 22.00 | 89.45 | 95.80 | 11 978.88 | 11 978.88 | 97.40 | 83.46 | 23 335.87 | 560 060.87 |
| 5 | 45.61 | 0.00 | 0.00 | 0.00 | 66.25 | 66.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.25 | 64.79 | 22.00 | 22.00 | 89.44 | 95.80 | 11 982.16 | 11 982.16 | 97.40 | 83.46 | 23 342.06 | 560 209.53 |
| 6 | 41.66 | 0.00 | 0.00 | 0.00 | 66.32 | 66.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 41.36 | 66.32 | 65.03 | 20.68 | 20.68 | 90.07 | 95.78 | 11 380.89 | 11 380.89 | 97.56 | 84.16 | 22 205.53 | 532 932.81 |
| 7 | 39.99 | 0.00 | 0.00 | 0.00 | 66.34 | 66.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 39.69 | 66.34 | 65.16 | 19.84 | 19.84 | 90.10 | 95.77 | 10 944.53 | 10 944.53 | 97.67 | 84.27 | 21 378.44 | 513 082.48 |
| 8 | 38.77 | 0.00 | 0.00 | 0.00 | 66.36 | 66.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 38.47 | 66.36 | 65.25 | 19.24 | 19.24 | 90.30 | 95.76 | 10 647.03 | 10 647.03 | 97.74 | 84.52 | 20 813.42 | 499 522.19 |
| 9 | 37.56 | 0.00 | 0.00 | 0.00 | 66.38 | 66.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.26 | 66.38 | 65.34 | 18.63 | 18.63 | 90.23 | 95.74 | 10 314.84 | 10 314.84 | 97.83 | 84.51 | 20 181.45 | 484 354.85 |
| 10 | 39.38 | 0.00 | 0.00 | 0.00 | 66.35 | 66.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 39.08 | 66.35 | 65.20 | 19.54 | 19.54 | 90.21 | 95.76 | 10 796.79 | 10 796.79 | 97.70 | 84.40 | 21 097.97 | 506 351.20 |
| 11 | 38.92 | 0.00 | 0.00 | 0.00 | 66.36 | 66.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 38.62 | 66.36 | 65.24 | 19.31 | 19.31 | 90.28 | 95.76 | 10 684.66 | 10 684.66 | 97.73 | 84.49 | 20 884.93 | 501 238.39 |
| 12 | 37.56 | 0.00 | 0.00 | 0.00 | 66.38 | 66.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.26 | 66.38 | 65.34 | 18.63 | 18.63 | 90.23 | 95.74 | 10 314.84 | 10 314.84 | 97.83 | 84.51 | 20 181.45 | 484 354.85 |
| 13 | 33.91 | 0.00 | 0.00 | 0.00 | 66.44 | 66.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 33.61 | 66.44 | 65.59 | 16.80 | 16.80 | 88.91 | 95.71 | 9 200.69 | 9 200.69 | 98.09 | 83.47 | 18 050.72 | 433 217.35 |
| 14 | 78.30 | 0.00 | 0.00 | 0.00 | 65.80 | 65.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.80 | 64.34 | 22.00 | 22.00 | 89.53 | 95.80 | 11 909.95 | 11 909.95 | 97.42 | 83.56 | 23 205.75 | 556 938.05 |
| 15 | 140.80 | 5.00 | 0.19 | 44.00 | 65.08 | 63.62 | 22.00 | 22.00 | 89.49 | 95.79 | 11 770.47 | 11 770.47 | 97.46 | 83.54 | 22 942.34 | 103 240.52 |
| | | 0.00 | 0.81 | 44.00 | 65.08 | 63.62 | 22.00 | 22.00 | 89.49 | 95.79 | 11 770.47 | 11 770.47 | 97.46 | 83.54 | 22 942.34 | 447 375.58 |
| 16 | 139.12 | 5.00 | 0.19 | 44.00 | 65.10 | 63.64 | 22.00 | 22.00 | 89.49 | 95.79 | 11 774.44 | 11 774.44 | 97.46 | 83.55 | 22 949.85 | 103 274.31 |
| | | 0.00 | 0.81 | 44.00 | 65.10 | 63.64 | 22.00 | 22.00 | 89.49 | 95.79 | 11 774.44 | 11 774.44 | 97.46 | 83.55 | 22 949.85 | 447 522.00 |
| 17 | 121.49 | 5.00 | 0.19 | 44.00 | 65.29 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 103 639.89 |
| | | 0.00 | 0.81 | 44.00 | 65.29 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 449 106.21 |
| 18 | 111.15 | 5.00 | 0.19 | 44.00 | 65.40 | 63.95 | 22.00 | 22.00 | 89.58 | 95.80 | 11 843.36 | 11 843.36 | 97.44 | 83.62 | 23 080.02 | 103 860.07 |
| | | 0.00 | 0.81 | 44.00 | 65.40 | 63.95 | 22.00 | 22.00 | 89.58 | 95.80 | 11 843.36 | 11 843.36 | 97.44 | 83.62 | 23 080.02 | 450 060.29 |
| 19 | 93.05 | 5.00 | 0.19 | 44.00 | 65.61 | 64.16 | 22.00 | 22.00 | 89.57 | 95.80 | 11 880.79 | 11 880.79 | 97.43 | 83.60 | 23 150.70 | 104 178.15 |
| | | 0.00 | 0.81 | 44.00 | 65.61 | 64.16 | 22.00 | 22.00 | 89.57 | 95.80 | 11 880.79 | 11 880.79 | 97.43 | 83.60 | 23 150.70 | 451 438.63 |
| 20 | 86.51 | 5.00 | 0.19 | 44.00 | 65.69 | 64.24 | 22.00 | 22.00 | 89.55 | 95.80 | 11 893.53 | 11 893.53 | 97.43 | 83.58 | 23 174.76 | 104 286.42 |
| | | 0.00 | 0.81 | 44.00 | 65.69 | 64.24 | 22.00 | 22.00 | 89.55 | 95.80 | 11 893.53 | 11 893.53 | 97.43 | 83.58 | 23 174.76 | 451 907.81 |
| 21 | 77.54 | 5.00 | 0.19 | 44.00 | 65.81 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 104 439.23 |
| | | 0.00 | 0.81 | 44.00 | 65.81 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 452 569.98 |
| 22 | 78.00 | 5.00 | 0.19 | 44.00 | 65.80 | 64.34 | 22.00 | 22.00 | 89.53 | 95.80 | 11 910.57 | 11 910.57 | 97.42 | 83.56 | 23 206.94 | 104 431.22 |
| | | 0.00 | 0.81 | 44.00 | 65.80 | 64.34 | 22.00 | 22.00 | 89.53 | 95.80 | 11 910.57 | 11 910.57 | 97.42 | 83.56 | 23 206.94 | 452 535.29 |
| 23 | 85.75 | 5.00 | 0.19 | 44.00 | 65.70 | 64.25 | 22.00 | 22.00 | 89.55 | 95.80 | 11 895.04 | 11 895.04 | 97.43 | 83.58 | 23 177.60 | 104 299.22 |
| | | 0.00 | 0.81 | 44.00 | 65.70 | 64.25 | 22.00 | 22.00 | 89.55 | 95.80 | 11 895.04 | 11 895.04 | 97.43 | 83.58 | 23 177.60 | 451 963.29 |
| 24 | 82.71 | 5.00 | 0.19 | 44.00 | 65.74 | 64.28 | 22.00 | 22.00 | 89.54 | 95.80 | 11 901.06 | 11 901.06 | 97.42 | 83.57 | 23 188.98 | 104 350.43 |
| | | 0.00 | 0.81 | 44.00 | 65.74 | 64.28 | 22.00 | 22.00 | 89.54 | 95.80 | 11 901.06 | 11 901.06 | 97.42 | 83.57 | 23 188.98 | 452 185.21 |
| 25 | 77.54 | 5.00 | 0.19 | 44.00 | 65.81 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 104 439.23 |
| | | 0.00 | 0.81 | 44.00 | 65.81 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 452 569.98 |
| 26 | 71.92 | 5.00 | 0.19 | 44.00 | 65.88 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 923.14 | 11 923.14 | 97.42 | 83.54 | 23 230.65 | 104 537.94 |
| | | 0.00 | 0.81 | 44.00 | 65.88 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 923.14 | 11 923.14 | 97.42 | 83.54 | 23 230.65 | 452 997.73 |
| 27 | 64.16 | 5.00 | 0.19 | 44.00 | 65.99 | 64.53 | 22.00 | 22.00 | 89.49 | 95.80 | 11 939.74 | 11 939.74 | 97.41 | 83.52 | 23 261.99 | 104 678.94 |
| | | 0.00 | 0.81 | 44.00 | 65.99 | 64.53 | 22.00 | 22.00 | 89.49 | 95.80 | 11 939.74 | 11 939.74 | 97.41 | 83.52 | 23 261.99 | 453 608.74 |
| 28 | 58.54 | 5.00 | 0.19 | 44.00 | 66.06 | 64.61 | 22.00 | 22.00 | 89.48 | 95.80 | 11 952.10 | 11 952.10 | 97.41 | 83.50 | 23 285.31 | 104 783.92 |
| | | 0.00 | 0.81 | 44.00 | 66.06 | 64.61 | 22.00 | 22.00 | 89.48 | 95.80 | 11 952.10 | 11 952.10 | 97.41 | 83.50 | 23 285.31 | 454 063.64 |
| 29 | 52.15 | 5.00 | 0.19 | 44.00 | 66.15 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 966.71 | 11 966.71 | 97.41 | 83.48 | 23 312.89 | 104 908.01 |
| | | 0.00 | 0.81 | 44.00 | 66.15 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 966.71 | 11 966.71 | 97.41 | 83.48 | 23 312.89 | 454 601.38 |
| 30 | 42.42 | 5.00 | 0.19 | 37.42 | 66.30 | 65.25 | 18.71 | 18.71 | 90.27 | 95.75 | 10 350.81 | 10 350.81 | 97.82 | 84.54 | 20 249.94 | 91 124.74 |
| | | 0.00 | 0.81 | 42.12 | 66.30 | 64.97 | 21.06 | 21.06 | 90.06 | 95.79 | 11 579.13 | 11 579.13 | 97.51 | 84.12 | 22 580.66 | 440 322.93 |

* Débit esthétique voir explication

16 181 531

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUILLET

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débts Rivière | Débit * Esthétique | Proportion du temps | Débts Turbinés | Hauteur Chute nette | Débts I Turbinés | Débts II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|---------------|--------------------|---------------------|----------------|---------------------|------------------|-------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 36.19 | 5.00 | 0.19 | 31.19 | 65.67 | 15.59 | 15.59 | 88.23 | 95.62 | 8 475.42 | 8 475.42 | 98.25 | 82.89 | 16 654.90 | 74 947.04 |
| | | 0.00 | 0.81 | 35.89 | 65.44 | 17.94 | 17.94 | 89.95 | 95.73 | 9 918.26 | 9 918.26 | 97.93 | 84.32 | 19 425.53 | 378 797.83 |
| 2 | 33.15 | 5.00 | 0.19 | 28.15 | 65.86 | 14.07 | 14.07 | 88.00 | 95.48 | 7 639.71 | 7 639.71 | 98.44 | 82.71 | 15 040.77 | 67 683.46 |
| | | 0.00 | 0.81 | 32.85 | 65.64 | 16.42 | 16.42 | 88.65 | 95.70 | 8 972.60 | 8 972.60 | 98.14 | 83.27 | 17 612.25 | 343 438.79 |
| 3 | 30.11 | 5.00 | 0.19 | 25.11 | 66.03 | 12.55 | 12.55 | 87.94 | 95.34 | 6 817.65 | 6 817.65 | 98.62 | 82.69 | 13 447.01 | 60 511.52 |
| | | 0.00 | 0.81 | 29.81 | 65.84 | 14.90 | 14.90 | 88.01 | 95.56 | 8 094.92 | 8 094.92 | 98.34 | 82.70 | 15 920.74 | 310 454.44 |
| 4 | 29.35 | 5.00 | 0.19 | 24.35 | 66.07 | 12.17 | 12.17 | 87.97 | 95.31 | 6 615.30 | 6 615.30 | 98.66 | 82.72 | 13 053.78 | 58 742.01 |
| | | 0.00 | 0.81 | 29.05 | 65.88 | 14.52 | 14.52 | 88.01 | 95.52 | 7 890.59 | 7 890.59 | 98.38 | 82.71 | 15 525.98 | 302 756.63 |
| 5 | 29.19 | 5.00 | 0.19 | 24.19 | 66.08 | 12.10 | 12.10 | 87.97 | 95.30 | 6 574.76 | 6 574.76 | 98.67 | 82.73 | 12 974.96 | 58 387.33 |
| | | 0.00 | 0.81 | 28.89 | 65.89 | 14.45 | 14.45 | 88.00 | 95.51 | 7 849.75 | 7 849.75 | 98.39 | 82.71 | 15 447.02 | 301 216.91 |
| 6 | 27.37 | 5.00 | 0.19 | 22.37 | 66.18 | 11.18 | 11.18 | 88.07 | 95.22 | 6 089.73 | 6 089.73 | 98.77 | 82.84 | 12 029.96 | 54 134.84 |
| | | 0.00 | 0.81 | 27.07 | 66.01 | 13.53 | 13.53 | 87.95 | 95.43 | 7 355.81 | 7 355.81 | 98.50 | 82.68 | 14 491.03 | 282 575.11 |
| 7 | 24.02 | 5.00 | 0.19 | 19.02 | 65.53 | 19.02 | 0.00 | 90.34 | 95.75 | 10 578.98 | 0.00 | 98.93 | 85.58 | 10 466.20 | 47 097.91 |
| | | 0.00 | 0.81 | 23.72 | 66.20 | 11.86 | 11.86 | 87.98 | 95.28 | 6 457.33 | 6 457.33 | 98.70 | 82.74 | 12 746.56 | 248 557.98 |
| 8 | 21.44 | 5.00 | 0.19 | 16.44 | 65.85 | 16.44 | 0.00 | 88.63 | 95.70 | 9 007.74 | 0.00 | 99.09 | 84.05 | 8 925.97 | 40 166.86 |
| | | 0.00 | 0.81 | 21.14 | 65.32 | 21.14 | 0.00 | 89.98 | 95.79 | 11 676.02 | 0.00 | 98.82 | 85.18 | 11 538.64 | 225 003.45 |
| 9 | 20.07 | 5.00 | 0.19 | 15.07 | 66.01 | 15.07 | 0.00 | 88.02 | 95.57 | 8 209.65 | 0.00 | 99.17 | 83.43 | 8 141.73 | 36 637.77 |
| | | 0.00 | 0.81 | 19.77 | 65.52 | 19.77 | 0.00 | 90.20 | 95.77 | 10 976.19 | 0.00 | 98.89 | 85.43 | 10 854.78 | 211 668.13 |
| 10 | 17.18 | 5.00 | 0.19 | 12.18 | 66.31 | 12.18 | 0.00 | 87.93 | 95.31 | 6 640.86 | 0.00 | 99.33 | 83.24 | 6 596.42 | 29 683.88 |
| | | 0.00 | 0.81 | 16.88 | 65.90 | 16.88 | 0.00 | 88.93 | 95.71 | 9 288.80 | 0.00 | 99.06 | 84.32 | 9 201.85 | 179 436.01 |
| 11 | 16.42 | 5.00 | 0.19 | 11.42 | 66.38 | 11.42 | 0.00 | 88.03 | 95.25 | 6 235.79 | 0.00 | 99.39 | 83.33 | 6 197.47 | 27 888.62 |
| | | 0.00 | 0.81 | 16.12 | 65.99 | 16.12 | 0.00 | 88.39 | 95.68 | 8 825.61 | 0.00 | 99.11 | 83.81 | 8 747.12 | 170 568.79 |
| 12 | 15.51 | 5.00 | 0.19 | 10.51 | 66.46 | 10.51 | 0.00 | 88.47 | 95.09 | 5 763.86 | 0.00 | 99.46 | 83.67 | 5 732.94 | 25 798.22 |
| | | 0.00 | 0.81 | 15.21 | 66.10 | 15.21 | 0.00 | 88.06 | 95.59 | 8 301.39 | 0.00 | 99.16 | 83.47 | 8 231.94 | 160 522.89 |
| 13 | 14.60 | 5.00 | 0.19 | 9.60 | 66.54 | 9.60 | 0.00 | 88.56 | 94.77 | 5 257.71 | 0.00 | 99.55 | 83.55 | 5 233.90 | 23 552.56 |
| | | 0.00 | 0.81 | 14.30 | 66.20 | 14.30 | 0.00 | 87.99 | 95.51 | 7 802.06 | 0.00 | 99.21 | 83.37 | 7 740.71 | 150 943.91 |
| 14 | 13.73 | 5.00 | 0.19 | 8.73 | 66.61 | 8.73 | 0.00 | 87.58 | 94.44 | 4 717.92 | 0.00 | 99.64 | 82.41 | 4 700.77 | 21 153.45 |
| | | 0.00 | 0.81 | 13.43 | 66.29 | 13.43 | 0.00 | 87.91 | 95.43 | 7 327.20 | 0.00 | 99.26 | 83.28 | 7 273.10 | 141 825.36 |
| 15 | 13.14 | 5.00 | 0.19 | 8.14 | 66.65 | 8.14 | 0.00 | 86.35 | 94.19 | 4 327.30 | 0.00 | 99.70 | 81.10 | 4 314.36 | 19 414.62 |
| | | 0.00 | 0.81 | 12.84 | 66.35 | 12.84 | 0.00 | 87.88 | 95.37 | 7 003.02 | 0.00 | 99.29 | 83.22 | 6 953.60 | 135 595.22 |
| 16 | 11.75 | 5.00 | 0.19 | 6.75 | 66.74 | 6.75 | 0.00 | 81.88 | 93.60 | 3 388.60 | 0.00 | 99.86 | 76.53 | 3 383.73 | 15 226.78 |
| | | 0.00 | 0.81 | 11.45 | 66.48 | 11.45 | 0.00 | 88.01 | 95.25 | 6 262.21 | 0.00 | 99.38 | 83.31 | 6 223.45 | 121 357.34 |
| 17 | 11.84 | 5.00 | 0.19 | 6.84 | 66.74 | 6.84 | 0.00 | 82.21 | 93.64 | 3 449.54 | 0.00 | 99.85 | 76.86 | 3 444.23 | 15 499.05 |
| | | 0.00 | 0.81 | 11.54 | 66.48 | 11.54 | 0.00 | 87.99 | 95.26 | 6 310.61 | 0.00 | 99.37 | 83.30 | 6 271.04 | 122 285.37 |
| 18 | 11.15 | 5.00 | 0.19 | 6.15 | 66.78 | 6.15 | 0.00 | 79.61 | 93.35 | 2 991.69 | 0.00 | 99.92 | 74.26 | 2 989.36 | 13 452.10 |
| | | 0.00 | 0.81 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 115 269.11 |
| 19 | 10.51 | 5.00 | 0.19 | 5.51 | 66.82 | 5.51 | 0.00 | 77.06 | 92.41 | 2 570.43 | 0.00 | 99.99 | 71.21 | 2 570.17 | 11 565.78 |
| | | 0.00 | 0.81 | 10.21 | 66.59 | 10.21 | 0.00 | 88.69 | 95.00 | 5 617.51 | 0.00 | 99.49 | 83.82 | 5 588.73 | 108 980.24 |
| 20 | 10.29 | 5.00 | 0.19 | 5.29 | 66.83 | 5.29 | 0.00 | 76.08 | 92.05 | 2 430.29 | 0.00 | 99.99 | 70.02 | 2 430.06 | 10 935.29 |
| | | 0.00 | 0.81 | 9.99 | 66.61 | 9.99 | 0.00 | 88.83 | 94.93 | 5 506.95 | 0.00 | 99.51 | 83.91 | 5 479.74 | 106 855.02 |
| 21 | 10.04 | 5.00 | 0.19 | 5.04 | 66.84 | 5.04 | 0.00 | 74.88 | 91.62 | 2 264.95 | 0.00 | 99.99 | 68.60 | 2 264.75 | 10 191.36 |
| | | 0.00 | 0.81 | 9.74 | 66.63 | 9.74 | 0.00 | 88.65 | 94.83 | 5 349.68 | 0.00 | 99.53 | 83.67 | 5 324.64 | 103 830.45 |
| 22 | 9.90 | 5.00 | 0.19 | 4.90 | 66.95 | 4.90 | 0.00 | 74.05 | 91.39 | 2 177.23 | 0.00 | 99.99 | 67.67 | 2 177.05 | 9 796.73 |
| | | 0.00 | 0.81 | 9.60 | 66.75 | 9.60 | 0.00 | 88.54 | 94.78 | 5 274.75 | 0.00 | 99.54 | 83.54 | 5 250.72 | 102 389.00 |
| 23 | 10.93 | 5.00 | 0.19 | 5.93 | 66.79 | 5.93 | 0.00 | 78.79 | 93.14 | 2 852.33 | 0.00 | 99.94 | 73.34 | 2 850.76 | 12 828.40 |
| | | 0.00 | 0.81 | 10.63 | 66.56 | 10.63 | 0.00 | 88.37 | 95.13 | 5 836.20 | 0.00 | 99.45 | 83.61 | 5 804.19 | 113 181.70 |
| 24 | 11.75 | 5.00 | 0.19 | 6.75 | 66.74 | 6.75 | 0.00 | 81.88 | 93.60 | 3 388.60 | 0.00 | 99.86 | 76.53 | 3 383.73 | 15 226.78 |
| | | 0.00 | 0.81 | 11.45 | 66.48 | 11.45 | 0.00 | 88.01 | 95.25 | 6 262.21 | 0.00 | 99.38 | 83.31 | 6 223.45 | 121 357.34 |
| 25 | 12.48 | 5.00 | 0.19 | 7.48 | 66.69 | 7.48 | 0.00 | 84.37 | 93.91 | 3 879.27 | 0.00 | 99.78 | 79.06 | 3 870.55 | 17 417.48 |
| | | 0.00 | 0.81 | 12.18 | 66.42 | 12.18 | 0.00 | 87.91 | 95.32 | 6 651.00 | 0.00 | 99.33 | 83.23 | 6 606.42 | 128 825.23 |
| 26 | 11.49 | 5.00 | 0.19 | 6.49 | 66.76 | 6.49 | 0.00 | 80.93 | 93.49 | 3 218.23 | 0.00 | 99.88 | 75.57 | 3 214.52 | 14 465.32 |
| | | 0.00 | 0.81 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 118 726.37 |
| 27 | 11.15 | 5.00 | 0.19 | 6.15 | 66.78 | 6.15 | 0.00 | 79.61 | 93.35 | 2 991.69 | 0.00 | 99.92 | 74.26 | 2 989.36 | 13 452.10 |
| | | 0.00 | 0.81 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 115 269.11 |
| 28 | 10.93 | 5.00 | 0.19 | 5.93 | 66.79 | 5.93 | 0.00 | 78.79 | 93.14 | 2 852.33 | 0.00 | 99.94 | 73.34 | 2 850.76 | 12 828.40 |
| | | 0.00 | 0.81 | 10.63 | 66.56 | 10.63 | 0.00 | 88.37 | 95.13 | 5 836.20 | 0.00 | 99.45 | 83.61 | 5 804.19 | 113 181.70 |
| 29 | 10.60 | 5.00 | 0.19 | 5.60 | 66.81 | 5.60 | 0.00 | 77.43 | 92.57 | 2 629.69 | 0.00 | 99.98 | 71.66 | 2 629.21 | 11 831.45 |
| | | 0.00 | 0.81 | 10.30 | 66.59 | 10.30 | 0.00 | 88.62 | 95.02 | 5 664.51 | 0.00 | 99.48 | 83.77 | 5 635.05 | 109 883.51 |
| 30 | 10.37 | 5.00 | 0.19 | 5.37 | 66.82 | 5.37 | 0.00 | 76.43 | 92.18 | 2 479.96 | 0.00 | 99.99 | 70.45 | 2 479.72 | 11 158.75 |
| | | 0.00 | 0.81 | 10.07 | 66.61 | 10.07 | 0.00 | 88.79 | 94.95 | 5 546.87 | 0.00 | 99.50 | 83.88 | 5 519.10 | 107 622.37 |
| 31 | 10.20 | 5.00 | 0.19 | 5.20 | 66.83 | 5.20 | 0.00 | 75.65 | 91.90 | 2 371.32 | 0.00 | 99.99 | 69.52 | 2 371.10 | 10 669.94 |
| | | 0.00 | 0.81 | 9.90 | 66.62 | 9.90 | 0.00 | 88.77 | 94.89 | 5 451.35 | 0.00 | 99.52 | 83.83 | 5 424.92 | 105 785.98 |

* Débit esthétique voir explication

6 210 507

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AOUT

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 10.04 | 5.00 | 0.19 | 5.04 | 66.84 | 5.04 | 0.00 | 74.88 | 91.62 | 2 264.95 | 0.00 | 99.99 | 68.60 | 2 264.75 | 10 191.36 |
| | | 0.00 | 0.81 | 9.74 | 66.63 | 9.74 | 0.00 | 88.65 | 94.83 | 5 349.68 | 0.00 | 99.53 | 83.67 | 5 324.64 | 103 830.45 |
| 2 | 9.78 | 5.00 | 0.19 | 4.78 | 66.96 | 4.78 | 0.00 | 73.27 | 91.17 | 2 096.08 | 0.00 | 99.99 | 66.80 | 2 095.91 | 9 431.58 |
| | | 0.00 | 0.81 | 9.48 | 66.76 | 9.48 | 0.00 | 88.46 | 94.74 | 5 201.19 | 0.00 | 99.56 | 83.43 | 5 178.12 | 100 973.35 |
| 3 | 9.73 | 5.00 | 0.19 | 4.73 | 66.97 | 4.73 | 0.00 | 72.98 | 91.09 | 2 066.05 | 0.00 | 99.99 | 66.47 | 2 065.88 | 9 296.47 |
| | | 0.00 | 0.81 | 9.43 | 66.76 | 9.43 | 0.00 | 88.43 | 94.72 | 5 173.64 | 0.00 | 99.56 | 83.39 | 5 150.94 | 100 443.24 |
| 4 | 9.99 | 5.00 | 0.19 | 4.99 | 66.95 | 4.99 | 0.00 | 74.64 | 91.55 | 2 239.14 | 0.00 | 99.99 | 68.32 | 2 238.95 | 10 075.26 |
| | | 0.00 | 0.81 | 9.69 | 66.74 | 9.69 | 0.00 | 88.61 | 94.82 | 5 330.04 | 0.00 | 99.54 | 83.63 | 5 305.27 | 103 452.67 |
| 5 | 10.42 | 5.00 | 0.19 | 5.42 | 66.82 | 5.42 | 0.00 | 76.64 | 92.26 | 2 509.99 | 0.00 | 99.99 | 70.70 | 2 509.75 | 11 293.86 |
| | | 0.00 | 0.81 | 10.12 | 66.60 | 10.12 | 0.00 | 88.75 | 94.97 | 5 570.43 | 0.00 | 99.50 | 83.86 | 5 542.33 | 108 075.39 |
| 6 | 10.25 | 5.00 | 0.19 | 5.25 | 66.83 | 5.25 | 0.00 | 75.87 | 91.97 | 2 400.72 | 0.00 | 99.99 | 69.77 | 2 400.50 | 10 802.23 |
| | | 0.00 | 0.81 | 9.95 | 66.62 | 9.95 | 0.00 | 88.80 | 94.91 | 5 479.14 | 0.00 | 99.51 | 83.87 | 5 452.32 | 106 320.29 |
| 7 | 10.04 | 5.00 | 0.19 | 5.04 | 66.84 | 5.04 | 0.00 | 74.88 | 91.62 | 2 264.95 | 0.00 | 99.99 | 68.60 | 2 264.75 | 10 191.36 |
| | | 0.00 | 0.81 | 9.74 | 66.63 | 9.74 | 0.00 | 88.65 | 94.83 | 5 349.68 | 0.00 | 99.53 | 83.67 | 5 324.64 | 103 830.45 |
| 8 | 9.99 | 5.00 | 0.19 | 4.99 | 66.95 | 4.99 | 0.00 | 74.64 | 91.55 | 2 239.14 | 0.00 | 99.99 | 68.32 | 2 238.95 | 10 075.26 |
| | | 0.00 | 0.81 | 9.69 | 66.74 | 9.69 | 0.00 | 88.61 | 94.82 | 5 330.04 | 0.00 | 99.54 | 83.63 | 5 305.27 | 103 452.67 |
| 9 | 9.73 | 5.00 | 0.19 | 4.73 | 66.97 | 4.73 | 0.00 | 72.98 | 91.09 | 2 066.05 | 0.00 | 99.99 | 66.47 | 2 065.88 | 9 296.47 |
| | | 0.00 | 0.81 | 9.43 | 66.76 | 9.43 | 0.00 | 88.43 | 94.72 | 5 173.64 | 0.00 | 99.56 | 83.39 | 5 150.94 | 100 443.24 |
| 10 | 9.56 | 5.00 | 0.19 | 4.56 | 66.98 | 4.56 | 0.00 | 71.91 | 90.80 | 1 957.81 | 0.00 | 99.99 | 65.29 | 1 957.66 | 8 809.46 |
| | | 0.00 | 0.81 | 9.26 | 66.78 | 9.26 | 0.00 | 88.31 | 94.66 | 5 072.86 | 0.00 | 99.58 | 83.24 | 5 051.44 | 98 503.09 |
| 11 | 9.56 | 5.00 | 0.19 | 4.56 | 66.98 | 4.56 | 0.00 | 71.91 | 90.80 | 1 957.81 | 0.00 | 99.99 | 65.29 | 1 957.66 | 8 809.46 |
| | | 0.00 | 0.81 | 9.26 | 66.78 | 9.26 | 0.00 | 88.31 | 94.66 | 5 072.86 | 0.00 | 99.58 | 83.24 | 5 051.44 | 98 503.09 |
| 12 | 9.78 | 5.00 | 0.19 | 4.78 | 66.96 | 4.78 | 0.00 | 73.27 | 91.17 | 2 096.08 | 0.00 | 99.99 | 66.80 | 2 095.91 | 9 431.58 |
| | | 0.00 | 0.81 | 9.48 | 66.76 | 9.48 | 0.00 | 88.46 | 94.74 | 5 201.19 | 0.00 | 99.56 | 83.43 | 5 178.12 | 100 973.35 |
| 13 | 11.11 | 5.00 | 0.19 | 6.11 | 66.78 | 6.11 | 0.00 | 79.50 | 93.34 | 2 972.28 | 0.00 | 99.93 | 74.14 | 2 970.06 | 13 365.26 |
| | | 0.00 | 0.81 | 10.81 | 66.54 | 10.81 | 0.00 | 88.24 | 95.19 | 5 929.41 | 0.00 | 99.44 | 83.52 | 5 895.97 | 114 971.46 |
| 14 | 11.49 | 5.00 | 0.19 | 6.49 | 66.76 | 6.49 | 0.00 | 80.93 | 93.49 | 3 218.23 | 0.00 | 99.88 | 75.57 | 3 214.52 | 14 465.32 |
| | | 0.00 | 0.81 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 118 726.37 |
| 15 | 11.15 | 5.00 | 0.19 | 6.15 | 66.78 | 6.15 | 0.00 | 79.61 | 93.35 | 2 991.69 | 0.00 | 99.92 | 74.26 | 2 989.36 | 13 452.10 |
| | | 0.00 | 0.81 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 115 269.11 |
| 16 | 11.11 | 5.00 | 0.19 | 6.11 | 66.78 | 6.11 | 0.00 | 79.50 | 93.34 | 2 972.28 | 0.00 | 99.93 | 74.14 | 2 970.06 | 13 365.26 |
| | | 0.00 | 0.81 | 10.81 | 66.54 | 10.81 | 0.00 | 88.24 | 95.19 | 5 929.41 | 0.00 | 99.44 | 83.52 | 5 895.97 | 114 971.46 |
| 17 | 10.98 | 5.00 | 0.19 | 5.98 | 66.79 | 5.98 | 0.00 | 78.97 | 93.22 | 2 883.34 | 0.00 | 99.94 | 73.57 | 2 881.61 | 12 967.24 |
| | | 0.00 | 0.81 | 10.68 | 66.55 | 10.68 | 0.00 | 88.34 | 95.14 | 5 859.53 | 0.00 | 99.45 | 83.59 | 5 827.17 | 113 629.76 |
| 18 | 10.60 | 5.00 | 0.19 | 5.60 | 66.81 | 5.60 | 0.00 | 77.43 | 92.57 | 2 629.69 | 0.00 | 99.98 | 71.66 | 2 629.21 | 11 831.45 |
| | | 0.00 | 0.81 | 10.30 | 66.59 | 10.30 | 0.00 | 88.62 | 95.02 | 5 664.51 | 0.00 | 99.48 | 83.77 | 5 635.05 | 109 883.51 |
| 19 | 10.51 | 5.00 | 0.19 | 5.51 | 66.82 | 5.51 | 0.00 | 77.06 | 92.41 | 2 570.43 | 0.00 | 99.99 | 71.21 | 2 570.17 | 11 565.78 |
| | | 0.00 | 0.81 | 10.21 | 66.59 | 10.21 | 0.00 | 88.69 | 95.00 | 5 617.51 | 0.00 | 99.49 | 83.82 | 5 588.73 | 108 980.24 |
| 20 | 10.37 | 5.00 | 0.19 | 5.37 | 66.82 | 5.37 | 0.00 | 76.43 | 92.18 | 2 479.96 | 0.00 | 99.99 | 70.45 | 2 479.72 | 11 158.75 |
| | | 0.00 | 0.81 | 10.07 | 66.61 | 10.07 | 0.00 | 88.79 | 94.95 | 5 546.87 | 0.00 | 99.50 | 83.88 | 5 519.10 | 107 622.37 |
| 21 | 10.25 | 5.00 | 0.19 | 5.25 | 66.83 | 5.25 | 0.00 | 75.87 | 91.97 | 2 400.72 | 0.00 | 99.99 | 69.77 | 2 400.50 | 10 802.23 |
| | | 0.00 | 0.81 | 9.95 | 66.62 | 9.95 | 0.00 | 88.80 | 94.91 | 5 479.14 | 0.00 | 99.51 | 83.87 | 5 452.32 | 106 320.29 |
| 22 | 10.60 | 5.00 | 0.19 | 5.60 | 66.81 | 5.60 | 0.00 | 77.43 | 92.57 | 2 629.69 | 0.00 | 99.98 | 71.66 | 2 629.21 | 11 831.45 |
| | | 0.00 | 0.81 | 10.30 | 66.59 | 10.30 | 0.00 | 88.62 | 95.02 | 5 664.51 | 0.00 | 99.48 | 83.77 | 5 635.05 | 109 883.51 |
| 23 | 11.07 | 5.00 | 0.19 | 6.07 | 66.78 | 6.07 | 0.00 | 79.32 | 93.32 | 2 943.26 | 0.00 | 99.93 | 73.97 | 2 941.20 | 13 235.38 |
| | | 0.00 | 0.81 | 10.77 | 66.55 | 10.77 | 0.00 | 88.27 | 95.17 | 5 906.14 | 0.00 | 99.44 | 83.54 | 5 873.06 | 114 524.64 |
| 24 | 10.81 | 5.00 | 0.19 | 5.81 | 66.80 | 5.81 | 0.00 | 78.29 | 92.93 | 2 770.39 | 0.00 | 99.96 | 72.73 | 2 769.24 | 12 461.58 |
| | | 0.00 | 0.81 | 10.51 | 66.57 | 10.51 | 0.00 | 88.46 | 95.09 | 5 773.89 | 0.00 | 99.46 | 83.67 | 5 742.81 | 111 984.88 |
| 25 | 10.98 | 5.00 | 0.19 | 5.98 | 66.79 | 5.98 | 0.00 | 78.97 | 93.22 | 2 883.34 | 0.00 | 99.94 | 73.57 | 2 881.61 | 12 967.24 |
| | | 0.00 | 0.81 | 10.68 | 66.55 | 10.68 | 0.00 | 88.34 | 95.14 | 5 859.53 | 0.00 | 99.45 | 83.59 | 5 827.17 | 113 629.76 |
| 26 | 10.98 | 5.00 | 0.19 | 5.98 | 66.79 | 5.98 | 0.00 | 78.97 | 93.22 | 2 883.34 | 0.00 | 99.94 | 73.57 | 2 881.61 | 12 967.24 |
| | | 0.00 | 0.81 | 10.68 | 66.55 | 10.68 | 0.00 | 88.34 | 95.14 | 5 859.53 | 0.00 | 99.45 | 83.59 | 5 827.17 | 113 629.76 |
| 27 | 10.86 | 5.00 | 0.19 | 5.86 | 66.80 | 5.86 | 0.00 | 78.48 | 93.01 | 2 800.98 | 0.00 | 99.95 | 72.96 | 2 799.68 | 12 598.56 |
| | | 0.00 | 0.81 | 10.56 | 66.56 | 10.56 | 0.00 | 88.43 | 95.11 | 5 797.27 | 0.00 | 99.46 | 83.65 | 5 765.85 | 112 434.03 |
| 28 | 10.81 | 5.00 | 0.19 | 5.81 | 66.80 | 5.81 | 0.00 | 78.29 | 92.93 | 2 770.39 | 0.00 | 99.96 | 72.73 | 2 769.24 | 12 461.58 |
| | | 0.00 | 0.81 | 10.51 | 66.57 | 10.51 | 0.00 | 88.46 | 95.09 | 5 773.89 | 0.00 | 99.46 | 83.67 | 5 742.81 | 111 984.88 |
| 29 | 11.54 | 5.00 | 0.19 | 6.54 | 66.76 | 6.54 | 0.00 | 81.10 | 93.51 | 3 248.07 | 0.00 | 99.88 | 75.74 | 3 244.15 | 14 598.69 |
| | | 0.00 | 0.81 | 11.24 | 66.50 | 11.24 | 0.00 | 88.05 | 95.23 | 6 149.26 | 0.00 | 99.40 | 83.35 | 6 112.35 | 119 190.83 |
| 30 | 14.60 | 5.00 | 0.19 | 9.60 | 66.54 | 9.60 | 0.00 | 88.56 | 94.77 | 5 257.71 | 0.00 | 99.55 | 83.55 | 5 233.90 | 23 552.56 |
| | | 0.00 | 0.81 | 14.30 | 66.20 | 14.30 | 0.00 | 87.99 | 95.51 | 7 802.06 | 0.00 | 99.21 | 83.37 | 7 740.71 | 150 943.91 |
| 31 | 13.21 | 5.00 | 0.19 | 8.21 | 66.64 | 8.21 | 0.00 | 86.51 | 94.22 | 4 376.80 | 0.00 | 99.69 | 81.26 | 4 363.36 | 19 635.11 |
| | | 0.00 | 0.81 | 12.91 | 66.34 | 12.91 | 0.00 | 87.87 | 95.38 | 7 043.86 | 0.00 | 99.29 | 83.22 | 6 993.86 | 136 380.30 |

* Débit esthétique voir explication

3 810 750

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

SEPTEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 12.95 | 5.00 | 0.19 | 7.95 | 66.66 | 7.95 | 0.00 | 85.92 | 94.12 | 4 206.42 | 0.00 | 99.72 | 80.64 | 4 194.69 | 18 876.10 |
| | | 0.00 | 0.81 | 12.65 | 66.37 | 12.65 | 0.00 | 87.88 | 95.36 | 6 904.93 | 0.00 | 99.30 | 83.22 | 6 856.88 | 133 709.17 |
| 2 | 14.81 | 5.00 | 0.19 | 9.81 | 66.52 | 9.81 | 0.00 | 88.71 | 94.85 | 5 386.62 | 0.00 | 99.53 | 83.75 | 5 361.08 | 24 124.86 |
| | | 0.00 | 0.81 | 14.51 | 66.18 | 14.51 | 0.00 | 87.99 | 95.53 | 7 917.51 | 0.00 | 99.20 | 83.38 | 7 854.34 | 153 159.66 |
| 3 | 14.51 | 5.00 | 0.19 | 9.51 | 66.55 | 9.51 | 0.00 | 88.50 | 94.74 | 5 202.63 | 0.00 | 99.56 | 83.47 | 5 179.54 | 23 307.94 |
| | | 0.00 | 0.81 | 14.21 | 66.21 | 14.21 | 0.00 | 87.98 | 95.50 | 7 752.53 | 0.00 | 99.22 | 83.37 | 7 691.96 | 149 993.31 |
| 4 | 17.49 | 5.00 | 0.19 | 12.49 | 66.28 | 12.49 | 0.00 | 87.91 | 95.34 | 6 804.29 | 0.00 | 99.31 | 83.24 | 6 757.63 | 30 409.33 |
| | | 0.00 | 0.81 | 17.19 | 65.86 | 17.19 | 0.00 | 89.20 | 95.72 | 9 479.84 | 0.00 | 99.04 | 84.56 | 9 389.27 | 183 090.85 |
| 5 | 21.29 | 5.00 | 0.19 | 16.29 | 65.87 | 16.29 | 0.00 | 88.52 | 95.69 | 8 915.05 | 0.00 | 99.10 | 83.95 | 8 834.96 | 39 757.31 |
| | | 0.00 | 0.81 | 20.99 | 65.34 | 20.99 | 0.00 | 90.07 | 95.79 | 11 606.24 | 0.00 | 98.83 | 85.26 | 11 470.49 | 223 674.63 |
| 6 | 22.35 | 5.00 | 0.19 | 17.35 | 65.74 | 17.35 | 0.00 | 89.37 | 95.72 | 9 572.65 | 0.00 | 99.04 | 84.72 | 9 480.30 | 42 661.36 |
| | | 0.00 | 0.81 | 22.05 | 66.29 | 11.03 | 11.03 | 88.10 | 95.21 | 6 013.42 | 6 013.42 | 98.79 | 82.86 | 11 881.07 | 231 680.94 |
| 7 | 22.05 | 5.00 | 0.19 | 17.05 | 65.78 | 17.05 | 0.00 | 89.07 | 95.71 | 9 377.99 | 0.00 | 99.05 | 84.44 | 9 289.36 | 41 802.12 |
| | | 0.00 | 0.81 | 21.75 | 65.23 | 21.75 | 0.00 | 89.61 | 95.80 | 11 946.15 | 0.00 | 98.80 | 84.81 | 11 802.33 | 230 145.41 |
| 8 | 20.83 | 5.00 | 0.19 | 15.83 | 65.92 | 15.83 | 0.00 | 88.26 | 95.65 | 8 642.81 | 0.00 | 99.13 | 83.68 | 8 567.53 | 38 553.90 |
| | | 0.00 | 0.81 | 20.53 | 65.41 | 20.53 | 0.00 | 90.09 | 95.78 | 11 367.34 | 0.00 | 98.85 | 85.30 | 11 237.13 | 219 123.96 |
| 9 | 20.83 | 5.00 | 0.19 | 15.83 | 65.92 | 15.83 | 0.00 | 88.26 | 95.65 | 8 642.81 | 0.00 | 99.13 | 83.68 | 8 567.53 | 38 553.90 |
| | | 0.00 | 0.81 | 20.53 | 65.41 | 20.53 | 0.00 | 90.09 | 95.78 | 11 367.34 | 0.00 | 98.85 | 85.30 | 11 237.13 | 219 123.96 |
| 10 | 24.02 | 5.00 | 0.19 | 19.02 | 65.53 | 19.02 | 0.00 | 90.34 | 95.75 | 10 578.98 | 0.00 | 98.93 | 85.58 | 10 466.20 | 47 097.91 |
| | | 0.00 | 0.81 | 23.72 | 66.20 | 11.86 | 11.86 | 87.98 | 95.28 | 6 457.33 | 6 457.33 | 98.70 | 82.74 | 12 746.56 | 248 557.98 |
| 11 | 30.71 | 5.00 | 0.19 | 25.71 | 66.00 | 12.86 | 12.86 | 87.91 | 95.37 | 6 979.21 | 6 979.21 | 98.58 | 82.66 | 13 760.70 | 61 923.15 |
| | | 0.00 | 0.81 | 30.41 | 65.80 | 15.21 | 15.21 | 88.09 | 95.58 | 8 264.51 | 8 264.51 | 98.30 | 82.76 | 16 248.11 | 316 838.23 |
| 12 | 36.19 | 5.00 | 0.19 | 31.19 | 65.67 | 15.59 | 15.59 | 88.23 | 95.62 | 8 475.42 | 8 475.42 | 98.25 | 82.89 | 16 654.90 | 74 947.04 |
| | | 0.00 | 0.81 | 35.89 | 65.44 | 17.94 | 17.94 | 89.95 | 95.73 | 9 918.26 | 9 918.26 | 97.93 | 84.32 | 19 425.53 | 378 797.83 |
| 13 | 38.32 | 5.00 | 0.19 | 33.32 | 65.53 | 16.66 | 16.66 | 88.82 | 95.70 | 9 103.73 | 9 103.73 | 98.12 | 83.41 | 17 864.38 | 80 389.72 |
| | | 0.00 | 0.81 | 38.02 | 65.28 | 19.01 | 19.01 | 90.37 | 95.75 | 10 533.43 | 10 533.43 | 97.77 | 84.60 | 20 597.44 | 401 650.08 |
| 14 | 40.75 | 5.00 | 0.19 | 35.75 | 65.37 | 17.87 | 17.87 | 89.88 | 95.73 | 9 862.47 | 9 862.47 | 97.94 | 84.27 | 19 319.06 | 86 935.77 |
| | | 0.00 | 0.81 | 40.45 | 65.10 | 20.22 | 20.22 | 90.04 | 95.77 | 11 137.94 | 11 137.94 | 97.62 | 84.18 | 21 745.28 | 424 032.95 |
| 15 | 48.20 | 5.00 | 0.19 | 43.20 | 64.81 | 21.60 | 21.60 | 89.71 | 95.79 | 11 801.23 | 11 801.23 | 97.45 | 83.75 | 23 000.46 | 103 502.06 |
| | | 0.00 | 0.81 | 44.00 | 64.76 | 22.00 | 22.00 | 89.45 | 95.80 | 11 975.96 | 11 975.96 | 97.40 | 83.47 | 23 330.36 | 454 942.08 |
| 16 | 54.74 | 0.00 | 0.00 | 0.00 | 66.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.79 | 11 960.79 | 97.41 | 83.49 | 23 301.73 | 559 241.55 |
| 17 | 48.20 | 0.00 | 0.00 | 0.00 | 66.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.76 | 22.00 | 22.00 | 89.45 | 95.80 | 11 975.96 | 11 975.96 | 97.40 | 83.47 | 23 330.36 | 559 928.71 |
| 18 | 41.66 | 0.00 | 0.00 | 0.00 | 66.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 41.36 | 65.03 | 20.68 | 20.68 | 90.07 | 95.78 | 11 380.89 | 11 380.89 | 97.56 | 84.16 | 22 205.53 | 532 932.81 |
| 19 | 38.01 | 0.00 | 0.00 | 0.00 | 66.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.71 | 65.30 | 18.86 | 18.86 | 90.32 | 95.75 | 10 446.28 | 10 446.28 | 97.79 | 84.57 | 20 431.64 | 490 359.41 |
| 20 | 27.98 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.68 | 65.97 | 13.84 | 13.84 | 87.98 | 95.46 | 7 521.78 | 7 521.78 | 98.46 | 82.70 | 14 812.49 | 355 499.85 |
| 21 | 27.67 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.37 | 65.99 | 13.69 | 13.69 | 87.97 | 95.45 | 7 438.83 | 7 438.83 | 98.48 | 82.69 | 14 651.87 | 351 644.91 |
| 22 | 25.85 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.55 | 66.09 | 12.77 | 12.77 | 87.91 | 95.36 | 6 943.69 | 6 943.69 | 98.59 | 82.66 | 13 691.74 | 328 601.81 |
| 23 | 29.19 | 0.00 | 0.00 | 0.00 | 66.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 28.89 | 65.89 | 14.45 | 14.45 | 88.00 | 95.51 | 7 849.75 | 7 849.75 | 98.39 | 82.71 | 15 447.02 | 370 728.50 |
| 24 | 27.98 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.68 | 65.97 | 13.84 | 13.84 | 87.98 | 95.46 | 7 521.78 | 7 521.78 | 98.46 | 82.70 | 14 812.49 | 355 499.85 |
| 25 | 27.52 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.22 | 66.00 | 13.61 | 13.61 | 87.96 | 95.44 | 7 397.34 | 7 397.34 | 98.49 | 82.68 | 14 571.50 | 349 715.89 |
| 26 | 28.43 | 0.00 | 0.00 | 0.00 | 66.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 28.13 | 65.94 | 14.07 | 14.07 | 88.00 | 95.48 | 7 645.57 | 7 645.57 | 98.44 | 82.71 | 15 052.10 | 361 250.38 |
| 27 | 31.63 | 0.00 | 0.00 | 0.00 | 66.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.33 | 65.74 | 15.66 | 15.66 | 88.24 | 95.63 | 8 523.81 | 8 523.81 | 98.24 | 82.90 | 16 748.18 | 401 956.21 |
| 28 | 29.95 | 0.00 | 0.00 | 0.00 | 66.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 29.65 | 65.85 | 14.83 | 14.83 | 88.01 | 95.55 | 8 054.02 | 8 054.02 | 98.35 | 82.70 | 15 841.76 | 380 202.16 |
| 29 | 28.58 | 0.00 | 0.00 | 0.00 | 66.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 28.28 | 65.93 | 14.14 | 14.14 | 88.00 | 95.49 | 7 686.40 | 7 686.40 | 98.43 | 82.71 | 15 131.10 | 363 146.41 |
| 30 | 27.06 | 0.00 | 0.00 | 0.00 | 66.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.76 | 66.02 | 13.38 | 13.38 | 87.94 | 95.42 | 7 272.70 | 7 272.70 | 98.52 | 82.67 | 14 329.97 | 343 919.37 |

* Débit esthétique voir explication

10 825 991

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

OCTOBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 25.54 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.24 | 66.11 | 12.62 | 12.62 | 87.92 | 95.35 | 6 862.76 | 6 862.76 | 98.61 | 82.67 | 13 534.61 | 324 830.73 |
| 2 | 27.06 | 0.00 | 0.00 | 0.00 | 66.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 26.76 | 66.02 | 13.38 | 13.38 | 87.94 | 95.42 | 7 272.70 | 7 272.70 | 98.52 | 82.67 | 14 329.97 | 343 919.37 |
| 3 | 25.85 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.55 | 66.09 | 12.77 | 12.77 | 87.91 | 95.36 | 6 943.69 | 6 943.69 | 98.59 | 82.66 | 13 691.74 | 328 601.81 |
| 4 | 25.09 | 0.00 | 0.00 | 0.00 | 66.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.79 | 66.14 | 12.39 | 12.39 | 87.94 | 95.33 | 6 741.19 | 6 741.19 | 98.64 | 82.69 | 13 298.46 | 319 163.12 |
| 5 | 24.33 | 0.00 | 0.00 | 0.00 | 66.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.03 | 66.18 | 12.01 | 12.01 | 87.96 | 95.30 | 6 538.11 | 6 538.11 | 98.68 | 82.72 | 12 903.70 | 309 688.71 |
| 6 | 22.35 | 0.00 | 0.00 | 0.00 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.05 | 66.29 | 11.03 | 11.03 | 88.10 | 95.21 | 6 013.42 | 6 013.42 | 98.79 | 82.86 | 11 881.07 | 285 145.77 |
| 7 | 20.83 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.53 | 65.41 | 20.53 | 0.00 | 90.09 | 95.78 | 11 367.34 | 0.00 | 98.85 | 85.30 | 11 237.13 | 269 691.02 |
| 8 | 18.85 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.55 | 65.68 | 18.55 | 0.00 | 90.18 | 95.75 | 10 323.02 | 0.00 | 98.96 | 85.45 | 10 215.63 | 245 175.12 |
| 9 | 19.61 | 0.00 | 0.00 | 0.00 | 66.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.31 | 65.58 | 19.31 | 0.00 | 90.29 | 95.76 | 10 743.17 | 0.00 | 98.92 | 85.52 | 10 626.86 | 255 044.67 |
| 10 | 19.92 | 0.00 | 0.00 | 0.00 | 66.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.62 | 65.54 | 19.62 | 0.00 | 90.23 | 95.76 | 10 898.93 | 0.00 | 98.90 | 85.46 | 10 779.22 | 258 701.27 |
| 11 | 20.83 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.53 | 65.41 | 20.53 | 0.00 | 90.09 | 95.78 | 11 367.34 | 0.00 | 98.85 | 85.30 | 11 237.13 | 269 691.02 |
| 12 | 22.20 | 0.00 | 0.00 | 0.00 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.90 | 65.21 | 21.90 | 0.00 | 89.51 | 95.80 | 12 012.20 | 0.00 | 98.79 | 84.71 | 11 866.79 | 284 802.88 |
| 13 | 24.33 | 0.00 | 0.00 | 0.00 | 66.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.03 | 66.18 | 12.01 | 12.01 | 87.96 | 95.30 | 6 538.11 | 6 538.11 | 98.68 | 82.72 | 12 903.70 | 309 688.71 |
| 14 | 24.02 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.72 | 66.20 | 11.86 | 11.86 | 87.98 | 95.28 | 6 457.33 | 6 457.33 | 98.70 | 82.74 | 12 746.56 | 305 917.51 |
| 15 | 23.26 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.96 | 66.24 | 11.48 | 11.48 | 88.03 | 95.25 | 6 255.55 | 6 255.55 | 98.74 | 82.79 | 12 353.36 | 296 480.67 |
| 16 | 22.81 | 0.00 | 0.00 | 0.00 | 66.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.51 | 66.26 | 11.25 | 11.25 | 88.06 | 95.23 | 6 134.49 | 6 134.49 | 98.76 | 82.82 | 12 117.28 | 290 814.83 |
| 17 | 23.57 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.27 | 66.22 | 11.63 | 11.63 | 88.01 | 95.26 | 6 336.26 | 6 336.26 | 98.72 | 82.77 | 12 510.68 | 300 256.35 |
| 18 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.88 | 66.19 | 11.94 | 11.94 | 87.97 | 95.29 | 6 497.69 | 6 497.69 | 98.69 | 82.73 | 12 825.08 | 307 801.92 |
| 19 | 25.54 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.24 | 66.11 | 12.62 | 12.62 | 87.92 | 95.35 | 6 862.76 | 6 862.76 | 98.61 | 82.67 | 13 534.61 | 324 830.73 |
| 20 | 25.24 | 0.00 | 0.00 | 0.00 | 66.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.94 | 66.13 | 12.47 | 12.47 | 87.93 | 95.34 | 6 781.74 | 6 781.74 | 98.63 | 82.68 | 13 377.24 | 321 053.77 |
| 21 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.88 | 66.19 | 11.94 | 11.94 | 87.97 | 95.29 | 6 497.69 | 6 497.69 | 98.69 | 82.73 | 12 825.08 | 307 801.92 |
| 22 | 23.72 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.42 | 66.21 | 11.71 | 11.71 | 88.00 | 95.27 | 6 376.61 | 6 376.61 | 98.71 | 82.76 | 12 589.32 | 302 143.78 |
| 23 | 23.26 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.96 | 66.24 | 11.48 | 11.48 | 88.03 | 95.25 | 6 255.55 | 6 255.55 | 98.74 | 82.79 | 12 353.36 | 296 480.67 |
| 24 | 22.81 | 0.00 | 0.00 | 0.00 | 66.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.51 | 66.26 | 11.25 | 11.25 | 88.06 | 95.23 | 6 134.49 | 6 134.49 | 98.76 | 82.82 | 12 117.28 | 290 814.83 |
| 25 | 22.20 | 0.00 | 0.00 | 0.00 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.90 | 65.21 | 21.90 | 0.00 | 89.51 | 95.80 | 12 012.20 | 0.00 | 98.79 | 84.71 | 11 866.79 | 284 802.88 |
| 26 | 21.29 | 0.00 | 0.00 | 0.00 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.99 | 65.34 | 20.99 | 0.00 | 90.07 | 95.79 | 11 606.24 | 0.00 | 98.83 | 85.26 | 11 470.49 | 275 291.85 |
| 27 | 20.68 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.38 | 65.43 | 20.38 | 0.00 | 90.10 | 95.78 | 11 288.20 | 0.00 | 98.86 | 85.32 | 11 159.78 | 267 834.81 |
| 28 | 20.07 | 0.00 | 0.00 | 0.00 | 66.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.77 | 65.52 | 19.77 | 0.00 | 90.20 | 95.77 | 10 976.19 | 0.00 | 98.89 | 85.43 | 10 854.78 | 260 514.62 |
| 29 | 20.07 | 0.00 | 0.00 | 0.00 | 66.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.77 | 65.52 | 19.77 | 0.00 | 90.20 | 95.77 | 10 976.19 | 0.00 | 98.89 | 85.43 | 10 854.78 | 260 514.62 |
| 30 | 19.16 | 0.00 | 0.00 | 0.00 | 66.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.86 | 65.64 | 18.86 | 0.00 | 90.29 | 95.75 | 10 498.43 | 0.00 | 98.94 | 85.54 | 10 387.36 | 249 296.55 |
| 31 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.40 | 65.70 | 18.40 | 0.00 | 90.13 | 95.74 | 10 235.46 | 0.00 | 98.97 | 85.40 | 10 129.89 | 243 117.26 |

* Débit esthétique voir explication

8 989 914

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

NOVEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1958

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 18.25 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.95 | 65.76 | 17.95 | 0.00 | 89.95 | 95.73 | 9 969.40 | 0.00 | 99.00 | 85.24 | 9 869.24 | 236 861.72 |
| 2 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.40 | 65.70 | 18.40 | 0.00 | 90.13 | 95.74 | 10 235.46 | 0.00 | 98.97 | 85.40 | 10 129.89 | 243 117.26 |
| 3 | 17.03 | 0.00 | 0.00 | 0.00 | 66.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.73 | 65.92 | 16.73 | 0.00 | 88.82 | 95.71 | 9 196.35 | 0.00 | 99.07 | 84.22 | 9 111.13 | 218 667.00 |
| 4 | 16.42 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.12 | 65.99 | 16.12 | 0.00 | 88.39 | 95.68 | 8 825.61 | 0.00 | 99.11 | 83.81 | 8 747.12 | 209 930.82 |
| 5 | 15.66 | 0.00 | 0.00 | 0.00 | 66.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.36 | 66.08 | 15.36 | 0.00 | 88.11 | 95.60 | 8 387.68 | 0.00 | 99.15 | 83.52 | 8 316.78 | 199 602.79 |
| 6 | 15.36 | 0.00 | 0.00 | 0.00 | 66.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.06 | 66.12 | 15.06 | 0.00 | 88.02 | 95.58 | 8 215.20 | 0.00 | 99.17 | 83.43 | 8 147.18 | 195 532.40 |
| 7 | 15.51 | 0.00 | 0.00 | 0.00 | 66.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.21 | 66.10 | 15.21 | 0.00 | 88.06 | 95.59 | 8 301.39 | 0.00 | 99.16 | 83.47 | 8 231.94 | 197 566.63 |
| 8 | 14.81 | 0.00 | 0.00 | 0.00 | 66.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.51 | 66.18 | 14.51 | 0.00 | 87.99 | 95.53 | 7 917.51 | 0.00 | 99.20 | 83.38 | 7 854.34 | 188 504.20 |
| 9 | 13.17 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.87 | 66.35 | 12.87 | 0.00 | 87.87 | 95.38 | 7 019.36 | 0.00 | 99.29 | 83.22 | 6 969.71 | 167 272.99 |
| 10 | 12.22 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.92 | 66.44 | 11.92 | 0.00 | 87.93 | 95.29 | 6 512.20 | 0.00 | 99.34 | 83.24 | 6 469.46 | 155 267.15 |
| 11 | 11.49 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 146 124.76 |
| 12 | 11.49 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 146 124.76 |
| 13 | 12.22 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.92 | 66.44 | 11.92 | 0.00 | 87.93 | 95.29 | 6 512.20 | 0.00 | 99.34 | 83.24 | 6 469.46 | 155 267.15 |
| 14 | 11.84 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.54 | 66.48 | 11.54 | 0.00 | 87.99 | 95.26 | 6 310.61 | 0.00 | 99.37 | 83.30 | 6 271.04 | 150 505.07 |
| 15 | 11.49 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 146 124.76 |
| 16 | 11.15 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 141 869.68 |
| 17 | 10.86 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.56 | 66.56 | 10.56 | 0.00 | 88.43 | 95.11 | 5 797.27 | 0.00 | 99.46 | 83.65 | 5 765.85 | 138 380.34 |
| 18 | 10.76 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.46 | 66.57 | 10.46 | 0.00 | 88.50 | 95.08 | 5 750.49 | 0.00 | 99.47 | 83.69 | 5 719.76 | 137 274.25 |
| 19 | 10.55 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.25 | 66.59 | 10.25 | 0.00 | 88.65 | 95.01 | 5 641.02 | 0.00 | 99.48 | 83.80 | 5 611.90 | 134 685.63 |
| 20 | 10.60 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.30 | 66.59 | 10.30 | 0.00 | 88.62 | 95.02 | 5 664.51 | 0.00 | 99.48 | 83.77 | 5 635.05 | 135 241.24 |
| 21 | 10.86 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.56 | 66.56 | 10.56 | 0.00 | 88.43 | 95.11 | 5 797.27 | 0.00 | 99.46 | 83.65 | 5 765.85 | 138 380.34 |
| 22 | 11.63 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.33 | 66.50 | 11.33 | 0.00 | 88.03 | 95.24 | 6 197.67 | 0.00 | 99.39 | 83.33 | 6 159.98 | 147 839.42 |
| 23 | 11.49 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 146 124.76 |
| 24 | 11.54 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.24 | 66.50 | 11.24 | 0.00 | 88.05 | 95.23 | 6 149.26 | 0.00 | 99.40 | 83.35 | 6 112.35 | 146 696.41 |
| 25 | 12.32 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.02 | 66.43 | 12.02 | 0.00 | 87.91 | 95.30 | 6 560.73 | 0.00 | 99.34 | 83.23 | 6 517.35 | 156 416.45 |
| 26 | 11.84 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.54 | 66.48 | 11.54 | 0.00 | 87.99 | 95.26 | 6 310.61 | 0.00 | 99.37 | 83.30 | 6 271.04 | 150 505.07 |
| 27 | 11.84 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.54 | 66.48 | 11.54 | 0.00 | 87.99 | 95.26 | 6 310.61 | 0.00 | 99.37 | 83.30 | 6 271.04 | 150 505.07 |
| 28 | 11.19 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.89 | 66.54 | 10.89 | 0.00 | 88.18 | 95.20 | 5 967.64 | 0.00 | 99.43 | 83.47 | 5 933.61 | 142 406.59 |
| 29 | 11.15 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 141 869.68 |
| 30 | 11.11 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.81 | 66.54 | 10.81 | 0.00 | 88.24 | 95.19 | 5 929.41 | 0.00 | 99.44 | 83.52 | 5 895.97 | 141 503.34 |

* Débit esthétique voir explication

4 906 168

Productibilité de la rivière SHELDRAKE

Courbe du saut, bassin versant 1040 km²

ANNÉE 1974

ANNÉE MOYENNE

D'après les données de la rivière Au Tonnerre, stations 073301 & 073303

Hauteur de chute brute 67.0 m

Deux turbines DOUBLE FRANCIS 22,0 m³/s,

débit écologique 0,1 m³/s

débit de la passe à poissons 0,2 m³/s de mai à novembre

débit esthétique de 5 m³/s du 15 juin au 15 septembre

| Puissance 25 000 kW | | |
|----------------------------|-----------------------|-------------------------------|
| Mois | Production kWh | Production retenue kWh |
| Décembre | 8 887 260 | 8 531 770 |
| Janvier | 4 141 679 | 3 976 011 |
| Février | 975 458 | 936 439 |
| Mars | 1 148 984 | 1 103 025 |
| Total Hiver | 15 153 381 | 14 547 245 |
| Avril | 2 419 382 | 2 322 606 |
| Mai | 15 534 951 | 14 913 552 |
| Juin | 16 070 290 | 15 427 479 |
| Juillet | 8 580 652 | 8 237 426 |
| Août | 5 127 381 | 4 922 286 |
| Septembre | 9 237 872 | 8 868 358 |
| Octobre | 11 292 617 | 10 840 912 |
| Novembre | 6 282 980 | 6 031 661 |
| Total Été | 74 546 125 | 71 564 280 |
| TOTAL | 89 699 506 | 86 111 525 |

Taux de disponibilité

96%

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

DÉCEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1973

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débites Rivière | Débit * Esthétique | Proportion du temps | Débites Turbinés | Hauteur Chute nette | Débites I Turbinés | Débites II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|-----------------|--------------------|---------------------|------------------|---------------------|--------------------|---------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 7.97 | 0.00 | 0.00 | 0.00 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.87 | 66.90 | 7.87 | 0.00 | 85.58 | 94.09 | 4 157.76 | 0.00 | 99.73 | 80.30 | 4 146.49 | 99 515.81 |
| 2 | 7.88 | 0.00 | 0.00 | 0.00 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.78 | 66.91 | 7.78 | 0.00 | 85.28 | 94.05 | 4 093.75 | 0.00 | 99.74 | 79.99 | 4 083.09 | 97 994.14 |
| 3 | 7.71 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.61 | 66.92 | 7.61 | 0.00 | 84.73 | 93.97 | 3 977.38 | 0.00 | 99.76 | 79.43 | 3 967.79 | 95 226.99 |
| 4 | 7.66 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.56 | 66.93 | 7.56 | 0.00 | 84.58 | 93.95 | 3 945.87 | 0.00 | 99.76 | 79.27 | 3 936.56 | 94 477.39 |
| 5 | 7.45 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.35 | 66.95 | 7.35 | 0.00 | 83.87 | 93.86 | 3 800.05 | 0.00 | 99.79 | 78.56 | 3 792.00 | 91 007.98 |
| 6 | 7.45 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.35 | 66.95 | 7.35 | 0.00 | 83.87 | 93.86 | 3 800.05 | 0.00 | 99.79 | 78.56 | 3 792.00 | 91 007.98 |
| 7 | 7.62 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.52 | 66.93 | 7.52 | 0.00 | 84.42 | 93.93 | 3 914.44 | 0.00 | 99.77 | 79.12 | 3 905.41 | 93 729.96 |
| 8 | 7.40 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.30 | 66.95 | 7.30 | 0.00 | 83.72 | 93.84 | 3 769.07 | 0.00 | 99.79 | 78.40 | 3 761.28 | 90 270.69 |
| 9 | 7.36 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.26 | 66.95 | 7.26 | 0.00 | 83.57 | 93.82 | 3 738.18 | 0.00 | 99.80 | 78.25 | 3 730.65 | 89 535.58 |
| 10 | 7.36 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.26 | 66.95 | 7.26 | 0.00 | 83.57 | 93.82 | 3 738.18 | 0.00 | 99.80 | 78.25 | 3 730.65 | 89 535.58 |
| 11 | 9.43 | 0.00 | 0.00 | 0.00 | 67.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.33 | 66.78 | 9.33 | 0.00 | 88.35 | 94.68 | 5 111.36 | 0.00 | 99.57 | 83.29 | 5 089.45 | 122 146.88 |
| 12 | 10.20 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.10 | 66.61 | 10.10 | 0.00 | 88.76 | 94.96 | 5 564.15 | 0.00 | 99.50 | 83.87 | 5 536.13 | 132 867.21 |
| 13 | 9.90 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.80 | 66.74 | 9.80 | 0.00 | 88.68 | 94.86 | 5 396.59 | 0.00 | 99.52 | 83.73 | 5 370.92 | 128 902.00 |
| 14 | 9.69 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.59 | 66.76 | 9.59 | 0.00 | 88.53 | 94.78 | 5 267.46 | 0.00 | 99.55 | 83.53 | 5 243.52 | 125 844.53 |
| 15 | 9.64 | 0.00 | 0.00 | 0.00 | 67.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.54 | 66.76 | 9.54 | 0.00 | 88.50 | 94.76 | 5 239.86 | 0.00 | 99.55 | 83.49 | 5 216.28 | 125 190.81 |
| 16 | 9.31 | 0.00 | 0.00 | 0.00 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.21 | 66.79 | 9.21 | 0.00 | 88.26 | 94.64 | 5 038.17 | 0.00 | 99.58 | 83.18 | 5 017.19 | 120 412.51 |
| 17 | 9.00 | 0.00 | 0.00 | 0.00 | 67.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.90 | 66.82 | 8.90 | 0.00 | 87.91 | 94.52 | 4 848.17 | 0.00 | 99.61 | 82.77 | 4 829.50 | 115 908.09 |
| 18 | 11.28 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.18 | 66.51 | 11.18 | 0.00 | 88.06 | 95.23 | 6 118.63 | 0.00 | 99.40 | 83.36 | 6 082.21 | 145 973.07 |
| 19 | 31.32 | 0.00 | 0.00 | 0.00 | 66.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.22 | 65.75 | 15.61 | 15.61 | 88.22 | 95.62 | 8 494.55 | 8 494.55 | 98.25 | 82.88 | 16 691.78 | 400 602.73 |
| 20 | 64.62 | 0.00 | 0.00 | 0.00 | 65.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.52 | 22.00 | 22.00 | 89.50 | 95.80 | 11 938.75 | 11 938.75 | 97.41 | 83.52 | 23 260.12 | 558 242.94 |
| 21 | 65.08 | 0.00 | 0.00 | 0.00 | 65.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.52 | 22.00 | 22.00 | 89.50 | 95.80 | 11 937.76 | 11 937.76 | 97.41 | 83.52 | 23 258.26 | 558 198.20 |
| 22 | 65.38 | 0.00 | 0.00 | 0.00 | 65.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.51 | 22.00 | 22.00 | 89.50 | 95.80 | 11 937.10 | 11 937.10 | 97.41 | 83.52 | 23 257.02 | 558 168.37 |
| 23 | 76.63 | 0.00 | 0.00 | 0.00 | 65.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.36 | 22.00 | 22.00 | 89.53 | 95.80 | 11 913.40 | 11 913.40 | 97.42 | 83.55 | 23 212.27 | 557 094.60 |
| 24 | 97.31 | 0.00 | 0.00 | 0.00 | 65.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.11 | 22.00 | 22.00 | 89.58 | 95.80 | 11 872.65 | 11 872.65 | 97.43 | 83.61 | 23 135.34 | 555 248.05 |
| 25 | 97.31 | 0.00 | 0.00 | 0.00 | 65.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.11 | 22.00 | 22.00 | 89.58 | 95.80 | 11 872.65 | 11 872.65 | 97.43 | 83.61 | 23 135.34 | 555 248.05 |
| 26 | 80.13 | 0.00 | 0.00 | 0.00 | 65.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.32 | 22.00 | 22.00 | 89.54 | 95.80 | 11 906.19 | 11 906.19 | 97.42 | 83.56 | 23 198.66 | 556 767.74 |
| 27 | 65.08 | 0.00 | 0.00 | 0.00 | 65.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.52 | 22.00 | 22.00 | 89.50 | 95.80 | 11 937.76 | 11 937.76 | 97.41 | 83.52 | 23 258.26 | 558 198.20 |
| 28 | 54.28 | 0.00 | 0.00 | 0.00 | 66.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.67 | 22.00 | 22.00 | 89.47 | 95.80 | 11 961.84 | 11 961.84 | 97.41 | 83.49 | 23 303.70 | 559 288.82 |
| 29 | 46.98 | 0.00 | 0.00 | 0.00 | 66.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.77 | 22.00 | 22.00 | 89.45 | 95.80 | 11 978.88 | 11 978.88 | 97.40 | 83.46 | 23 335.87 | 560 060.87 |
| 30 | 39.84 | 0.00 | 0.00 | 0.00 | 66.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 39.74 | 65.16 | 19.87 | 19.87 | 90.09 | 95.77 | 10 956.75 | 10 956.75 | 97.66 | 84.26 | 21 401.62 | 513 638.79 |
| 31 | 34.67 | 0.00 | 0.00 | 0.00 | 66.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 34.57 | 65.53 | 17.28 | 17.28 | 89.32 | 95.72 | 9 498.82 | 9 498.82 | 98.03 | 83.81 | 18 623.15 | 446 955.63 |

* Débit esthétique voir explication

8 887 260

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JANVIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute brute | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 30.41 | 0.00 | 0.00 | 0.00 | 66.50 | 66.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 30.31 | 66.50 | 65.81 | 15.15 | 15.15 | 88.07 | 95.58 | 8 235.37 | 8 235.37 | 98.31 | 82.75 | 16 191.88 | 388 605.09 |
| 2 | 27.22 | 0.00 | 0.00 | 0.00 | 66.56 | 66.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.12 | 66.56 | 66.01 | 13.56 | 13.56 | 87.96 | 95.44 | 7 369.31 | 7 369.31 | 98.50 | 82.68 | 14 517.18 | 348 412.40 |
| 3 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.08 | 66.62 | 66.18 | 12.04 | 12.04 | 87.96 | 95.30 | 6 551.26 | 6 551.26 | 98.68 | 82.72 | 12 929.26 | 310 302.30 |
| 4 | 21.59 | 0.00 | 0.00 | 0.00 | 66.67 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.49 | 66.67 | 65.27 | 21.49 | 0.00 | 89.77 | 95.80 | 11 834.11 | 0.00 | 98.81 | 84.97 | 11 692.97 | 280 631.38 |
| 5 | 19.61 | 0.00 | 0.00 | 0.00 | 66.70 | 66.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.51 | 66.70 | 65.56 | 19.51 | 0.00 | 90.25 | 95.76 | 10 846.61 | 0.00 | 98.91 | 85.48 | 10 728.05 | 257 473.14 |
| 6 | 16.57 | 0.00 | 0.00 | 0.00 | 66.77 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.47 | 66.77 | 65.95 | 16.47 | 0.00 | 88.64 | 95.70 | 9 041.35 | 0.00 | 99.09 | 84.06 | 8 958.97 | 215 015.17 |
| 7 | 14.17 | 0.00 | 0.00 | 0.00 | 66.83 | 66.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.07 | 66.83 | 66.23 | 14.07 | 0.00 | 87.98 | 95.49 | 7 679.96 | 0.00 | 99.23 | 83.36 | 7 620.52 | 182 892.46 |
| 8 | 12.57 | 0.00 | 0.00 | 0.00 | 66.86 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.47 | 66.86 | 66.39 | 12.47 | 0.00 | 87.89 | 95.34 | 6 808.39 | 0.00 | 99.31 | 83.22 | 6 761.68 | 162 280.24 |
| 9 | 11.63 | 0.00 | 0.00 | 0.00 | 66.88 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.53 | 66.88 | 66.48 | 11.53 | 0.00 | 88.00 | 95.26 | 6 304.18 | 0.00 | 99.37 | 83.30 | 6 264.72 | 150 353.32 |
| 10 | 10.89 | 0.00 | 0.00 | 0.00 | 66.90 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.79 | 66.90 | 66.55 | 10.79 | 0.00 | 88.26 | 95.18 | 5 915.50 | 0.00 | 99.44 | 83.53 | 5 882.27 | 141 174.60 |
| 11 | 10.34 | 0.00 | 0.00 | 0.00 | 66.91 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.24 | 66.91 | 66.60 | 10.24 | 0.00 | 88.66 | 95.01 | 5 634.76 | 0.00 | 99.48 | 83.80 | 5 605.73 | 134 537.60 |
| 12 | 9.73 | 0.00 | 0.00 | 0.00 | 67.03 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.63 | 67.03 | 66.75 | 9.63 | 0.00 | 88.57 | 94.80 | 5 295.09 | 0.00 | 99.54 | 83.57 | 5 270.78 | 126 498.77 |
| 13 | 9.26 | 0.00 | 0.00 | 0.00 | 67.05 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.16 | 67.05 | 66.80 | 9.16 | 0.00 | 88.23 | 94.62 | 5 010.77 | 0.00 | 99.59 | 83.14 | 4 990.13 | 119 763.07 |
| 14 | 8.82 | 0.00 | 0.00 | 0.00 | 67.06 | 67.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.72 | 67.06 | 66.83 | 8.72 | 0.00 | 87.53 | 94.44 | 4 725.45 | 0.00 | 99.64 | 82.36 | 4 708.21 | 112 997.13 |
| 15 | 8.39 | 0.00 | 0.00 | 0.00 | 67.08 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.29 | 67.08 | 66.87 | 8.29 | 0.00 | 86.64 | 94.27 | 4 442.91 | 0.00 | 99.68 | 81.41 | 4 428.78 | 106 290.77 |
| 16 | 7.97 | 0.00 | 0.00 | 0.00 | 67.09 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.87 | 67.09 | 66.90 | 7.87 | 0.00 | 85.58 | 94.09 | 4 157.76 | 0.00 | 99.73 | 80.30 | 4 146.49 | 99 515.81 |
| 17 | 7.62 | 0.00 | 0.00 | 0.00 | 67.10 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.52 | 67.10 | 66.93 | 7.52 | 0.00 | 84.42 | 93.93 | 3 914.44 | 0.00 | 99.77 | 79.12 | 3 905.41 | 93 729.96 |
| 18 | 7.31 | 0.00 | 0.00 | 0.00 | 67.11 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.21 | 67.11 | 66.96 | 7.21 | 0.00 | 83.42 | 93.80 | 3 707.39 | 0.00 | 99.80 | 78.09 | 3 700.11 | 88 802.63 |
| 19 | 7.02 | 0.00 | 0.00 | 0.00 | 67.12 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.92 | 67.12 | 66.98 | 6.92 | 0.00 | 82.43 | 93.68 | 3 513.57 | 0.00 | 99.84 | 77.10 | 3 507.79 | 84 187.05 |
| 20 | 6.67 | 0.00 | 0.00 | 0.00 | 67.13 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.57 | 67.13 | 67.00 | 6.57 | 0.00 | 81.17 | 93.53 | 3 281.00 | 0.00 | 99.87 | 75.82 | 3 276.87 | 78 644.80 |
| 21 | 6.42 | 0.00 | 0.00 | 0.00 | 67.14 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.32 | 67.14 | 67.02 | 6.32 | 0.00 | 80.20 | 93.43 | 3 111.72 | 0.00 | 99.90 | 74.86 | 3 108.68 | 74 608.25 |
| 22 | 6.20 | 0.00 | 0.00 | 0.00 | 67.15 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.10 | 67.15 | 67.04 | 6.10 | 0.00 | 79.39 | 93.34 | 2 974.41 | 0.00 | 99.92 | 74.05 | 2 972.17 | 71 332.05 |
| 23 | 5.95 | 0.00 | 0.00 | 0.00 | 67.16 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.85 | 67.16 | 67.05 | 5.85 | 0.00 | 78.38 | 93.01 | 2 803.05 | 0.00 | 99.95 | 72.87 | 2 801.74 | 67 241.74 |
| 24 | 5.76 | 0.00 | 0.00 | 0.00 | 67.16 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.66 | 67.16 | 67.07 | 5.66 | 0.00 | 77.65 | 92.70 | 2 681.76 | 0.00 | 99.97 | 71.96 | 2 681.04 | 64 344.98 |
| 25 | 5.60 | 0.00 | 0.00 | 0.00 | 67.17 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.50 | 67.17 | 67.08 | 5.50 | 0.00 | 76.98 | 92.42 | 2 572.62 | 0.00 | 99.99 | 71.14 | 2 572.36 | 61 736.75 |
| 26 | 5.43 | 0.00 | 0.00 | 0.00 | 67.17 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.33 | 67.17 | 67.09 | 5.33 | 0.00 | 76.21 | 92.13 | 2 462.13 | 0.00 | 99.99 | 70.21 | 2 461.90 | 59 085.53 |
| 27 | 5.25 | 0.00 | 0.00 | 0.00 | 67.18 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.15 | 67.18 | 67.10 | 5.15 | 0.00 | 75.37 | 91.83 | 2 344.18 | 0.00 | 99.99 | 69.20 | 2 343.97 | 56 255.20 |
| 28 | 5.12 | 0.00 | 0.00 | 0.00 | 67.18 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.02 | 67.18 | 67.11 | 5.02 | 0.00 | 74.81 | 91.62 | 2 267.02 | 0.00 | 99.99 | 68.54 | 2 266.83 | 54 403.80 |
| 29 | 4.99 | 0.00 | 0.00 | 0.00 | 67.19 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.89 | 67.19 | 67.12 | 4.89 | 0.00 | 73.98 | 91.38 | 2 175.25 | 0.00 | 99.99 | 67.60 | 2 175.07 | 52 201.58 |
| 30 | 4.87 | 0.00 | 0.00 | 0.00 | 67.19 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.77 | 67.19 | 67.12 | 4.77 | 0.00 | 73.20 | 91.17 | 2 094.08 | 0.00 | 99.99 | 66.73 | 2 093.91 | 50 253.95 |
| 31 | 4.73 | 0.00 | 0.00 | 0.00 | 67.20 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.63 | 67.20 | 67.13 | 4.63 | 0.00 | 72.32 | 90.93 | 2 004.62 | 0.00 | 99.99 | 65.76 | 2 004.46 | 48 107.09 |

* Débit esthétique voir explication

4 141 679

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

FÉVRIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débites Rivière | Débit * Esthétique | Proportion du temps | Débites Turbinés | Hauteur Chute brute | Hauteur Chute nette | Débites I Turbinés | Débites II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|-------------------------------------|-----------------|--------------------|---------------------|------------------|---------------------|---------------------|--------------------|---------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 4.65 | 0.00 | 0.00 | 0.00 | 67.20 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.55 | 67.20 | 67.14 | 4.55 | 0.00 | 71.84 | 90.80 | 1 955.75 | 0.00 | 99.99 | 65.22 | 1 955.60 | 46 934.46 |
| 2 | 4.52 | 0.00 | 0.00 | 0.00 | 67.20 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.42 | 67.20 | 67.15 | 4.42 | 0.00 | 70.88 | 90.56 | 1 866.93 | 0.00 | 99.99 | 64.18 | 1 866.80 | 44 803.13 |
| 3 | 4.39 | 0.00 | 0.00 | 0.00 | 67.21 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.29 | 67.21 | 67.15 | 4.29 | 0.00 | 69.98 | 90.35 | 1 788.45 | 0.00 | 99.99 | 63.22 | 1 788.33 | 42 919.94 |
| 4 | 4.30 | 0.00 | 0.00 | 0.00 | 67.21 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.20 | 67.21 | 67.16 | 4.20 | 0.00 | 69.30 | 90.19 | 1 730.71 | 0.00 | 99.99 | 62.50 | 1 730.60 | 41 534.32 |
| 5 | 4.24 | 0.00 | 0.00 | 0.00 | 67.21 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.14 | 67.21 | 67.16 | 4.14 | 0.00 | 68.85 | 90.09 | 1 692.75 | 0.00 | 99.99 | 62.02 | 1 692.63 | 40 623.22 |
| 6 | 3.97 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.87 | 67.22 | 67.18 | 3.87 | 0.00 | 66.27 | 89.60 | 1 513.81 | 0.00 | 99.99 | 59.38 | 1 513.72 | 36 329.31 |
| 7 | 4.09 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.99 | 67.22 | 67.17 | 3.99 | 0.00 | 67.68 | 89.83 | 1 598.62 | 0.00 | 99.99 | 60.80 | 1 598.52 | 38 364.51 |
| 8 | 4.03 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.93 | 67.22 | 67.17 | 3.93 | 0.00 | 66.98 | 89.72 | 1 555.90 | 0.00 | 99.99 | 60.09 | 1 555.81 | 37 339.33 |
| 9 | 3.97 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.87 | 67.22 | 67.18 | 3.87 | 0.00 | 66.27 | 89.60 | 1 513.81 | 0.00 | 99.99 | 59.38 | 1 513.72 | 36 329.31 |
| 10 | 3.91 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.81 | 67.22 | 67.18 | 3.81 | 0.00 | 65.57 | 89.49 | 1 472.35 | 0.00 | 99.99 | 58.67 | 1 472.27 | 35 334.38 |
| 11 | 3.85 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.75 | 67.23 | 67.18 | 3.75 | 0.00 | 64.86 | 89.37 | 1 431.51 | 0.00 | 99.99 | 57.97 | 1 431.43 | 34 354.43 |
| 12 | 3.82 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.72 | 67.23 | 67.19 | 3.72 | 0.00 | 64.51 | 89.32 | 1 411.33 | 0.00 | 99.99 | 57.62 | 1 411.25 | 33 870.05 |
| 13 | 3.79 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.69 | 67.23 | 67.19 | 3.69 | 0.00 | 64.16 | 89.26 | 1 391.30 | 0.00 | 99.99 | 57.27 | 1 391.22 | 33 389.38 |
| 14 | 3.77 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.67 | 67.23 | 67.19 | 3.67 | 0.00 | 63.98 | 89.23 | 1 381.34 | 0.00 | 99.99 | 57.09 | 1 381.27 | 33 150.44 |
| 15 | 3.74 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.64 | 67.23 | 67.19 | 3.64 | 0.00 | 63.63 | 89.18 | 1 361.54 | 0.00 | 99.99 | 56.74 | 1 361.47 | 32 675.32 |
| 16 | 3.73 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.63 | 67.23 | 67.19 | 3.63 | 0.00 | 63.45 | 89.15 | 1 351.70 | 0.00 | 99.99 | 56.57 | 1 351.63 | 32 439.15 |
| 17 | 3.71 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.61 | 67.23 | 67.19 | 3.61 | 0.00 | 63.28 | 89.13 | 1 341.90 | 0.00 | 99.99 | 56.39 | 1 341.83 | 32 203.90 |
| 18 | 3.71 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.61 | 67.23 | 67.19 | 3.61 | 0.00 | 63.28 | 89.13 | 1 341.90 | 0.00 | 99.99 | 56.39 | 1 341.83 | 32 203.90 |
| 19 | 3.69 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.59 | 67.23 | 67.19 | 3.59 | 0.00 | 63.10 | 89.10 | 1 332.13 | 0.00 | 99.99 | 56.22 | 1 332.07 | 31 969.56 |
| 20 | 3.66 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.56 | 67.23 | 67.19 | 3.56 | 0.00 | 62.75 | 89.04 | 1 312.72 | 0.00 | 99.99 | 55.87 | 1 312.65 | 31 503.65 |
| 21 | 3.66 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.56 | 67.23 | 67.19 | 3.56 | 0.00 | 62.75 | 89.04 | 1 312.72 | 0.00 | 99.99 | 55.87 | 1 312.65 | 31 503.65 |
| 22 | 3.63 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.53 | 67.23 | 67.20 | 3.53 | 0.00 | 62.39 | 88.99 | 1 293.46 | 0.00 | 99.99 | 55.52 | 1 293.39 | 31 041.40 |
| 23 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 24 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 25 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 26 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 27 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 28 | 3.60 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.50 | 67.23 | 67.20 | 3.50 | 0.00 | 62.04 | 88.94 | 1 274.35 | 0.00 | 100.00 | 55.18 | 1 274.28 | 30 582.79 |
| 29 | 0.00 | 0.00 | 0.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| * Débit esthétique voir explication | | | | | | | | | | | | | | | | 975 458 |

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MARS

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débits Turbinés m³/s | Hauteur Chute nette m | Débits I Turbinés m³/s | Débits II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|---------------------|-------------------------|---------------------|----------------------|-----------------------|------------------------|-------------------------|----------------|-----------------|------------------|-------------------|--------------|---------------|-------------------|-----------------------------|
| 1 | 3.56 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.46 | 67.20 | 3.46 | 0.00 | 61.45 | 88.86 | 1 244.72 | 0.00 | 100.00 | 54.60 | 1 244.66 | 29 871.90 |
| 2 | 3.54 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.44 | 67.20 | 3.44 | 0.00 | 61.25 | 88.83 | 1 234.90 | 0.00 | 100.00 | 54.41 | 1 234.84 | 29 636.12 |
| 3 | 3.53 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.43 | 67.20 | 3.43 | 0.00 | 61.06 | 88.80 | 1 225.11 | 0.00 | 100.00 | 54.22 | 1 225.06 | 29 401.35 |
| 4 | 3.63 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.53 | 67.20 | 3.53 | 0.00 | 62.39 | 88.99 | 1 293.46 | 0.00 | 99.99 | 55.52 | 1 293.39 | 31 041.40 |
| 5 | 3.68 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.58 | 67.19 | 3.58 | 0.00 | 62.92 | 89.07 | 1 322.41 | 0.00 | 99.99 | 56.04 | 1 322.34 | 31 736.15 |
| 6 | 3.68 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.58 | 67.19 | 3.58 | 0.00 | 62.92 | 89.07 | 1 322.41 | 0.00 | 99.99 | 56.04 | 1 322.34 | 31 736.15 |
| 7 | 3.66 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.56 | 67.19 | 3.56 | 0.00 | 62.75 | 89.04 | 1 312.72 | 0.00 | 99.99 | 55.87 | 1 312.65 | 31 503.65 |
| 8 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 9 | 3.59 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.49 | 67.20 | 3.49 | 0.00 | 61.85 | 88.91 | 1 264.50 | 0.00 | 100.00 | 54.99 | 1 264.44 | 30 346.49 |
| 10 | 3.56 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.46 | 67.20 | 3.46 | 0.00 | 61.45 | 88.86 | 1 244.72 | 0.00 | 100.00 | 54.60 | 1 244.66 | 29 871.90 |
| 11 | 3.51 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.41 | 67.20 | 3.41 | 0.00 | 60.86 | 88.77 | 1 215.37 | 0.00 | 100.00 | 54.02 | 1 215.32 | 29 167.59 |
| 12 | 3.48 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.38 | 67.20 | 3.38 | 0.00 | 60.46 | 88.72 | 1 196.02 | 0.00 | 100.00 | 53.64 | 1 195.96 | 28 703.10 |
| 13 | 3.45 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.35 | 67.21 | 3.35 | 0.00 | 60.07 | 88.67 | 1 176.83 | 0.00 | 100.00 | 53.26 | 1 176.78 | 28 242.63 |
| 14 | 3.44 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.34 | 67.21 | 3.34 | 0.00 | 59.87 | 88.64 | 1 167.30 | 0.00 | 100.00 | 53.07 | 1 167.25 | 28 013.90 |
| 15 | 3.41 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.31 | 67.21 | 3.31 | 0.00 | 59.48 | 88.59 | 1 148.36 | 0.00 | 100.00 | 52.69 | 1 148.31 | 27 559.44 |
| 16 | 3.38 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.28 | 67.21 | 3.28 | 0.00 | 59.08 | 88.53 | 1 129.59 | 0.00 | 100.00 | 52.30 | 1 129.54 | 27 108.98 |
| 17 | 3.36 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.26 | 67.21 | 3.26 | 0.00 | 58.88 | 88.51 | 1 120.27 | 0.00 | 100.00 | 52.11 | 1 120.22 | 26 885.24 |
| 18 | 3.33 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.23 | 67.21 | 3.23 | 0.00 | 58.49 | 88.46 | 1 101.74 | 0.00 | 100.00 | 51.73 | 1 101.70 | 26 440.74 |
| 19 | 3.35 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.25 | 67.21 | 3.25 | 0.00 | 58.69 | 88.48 | 1 110.99 | 0.00 | 100.00 | 51.92 | 1 110.94 | 26 662.49 |
| 20 | 3.41 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.31 | 67.21 | 3.31 | 0.00 | 59.48 | 88.59 | 1 148.36 | 0.00 | 100.00 | 52.69 | 1 148.31 | 27 559.44 |
| 21 | 3.44 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.34 | 67.21 | 3.34 | 0.00 | 59.87 | 88.64 | 1 167.30 | 0.00 | 100.00 | 53.07 | 1 167.25 | 28 013.90 |
| 22 | 3.45 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.35 | 67.21 | 3.35 | 0.00 | 60.07 | 88.67 | 1 176.83 | 0.00 | 100.00 | 53.26 | 1 176.78 | 28 242.63 |
| 23 | 3.47 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.37 | 67.20 | 3.37 | 0.00 | 60.27 | 88.69 | 1 186.40 | 0.00 | 100.00 | 53.45 | 1 186.35 | 28 472.36 |
| 24 | 3.47 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.37 | 67.20 | 3.37 | 0.00 | 60.27 | 88.69 | 1 186.40 | 0.00 | 100.00 | 53.45 | 1 186.35 | 28 472.36 |
| 25 | 4.11 | 0.00 | 0.00 | 0.00 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.01 | 67.17 | 4.01 | 0.00 | 67.84 | 89.86 | 1 608.85 | 0.00 | 99.99 | 60.96 | 1 608.75 | 38 609.96 |
| 26 | 5.17 | 0.00 | 0.00 | 0.00 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.07 | 67.11 | 5.07 | 0.00 | 75.02 | 91.70 | 2 295.82 | 0.00 | 99.99 | 68.79 | 2 295.62 | 55 094.77 |
| 27 | 5.90 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.80 | 67.06 | 5.80 | 0.00 | 78.20 | 92.93 | 2 772.50 | 0.00 | 99.96 | 72.64 | 2 771.34 | 66 512.15 |
| 28 | 6.37 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.27 | 67.02 | 6.27 | 0.00 | 80.03 | 93.41 | 3 082.10 | 0.00 | 99.91 | 74.68 | 3 079.24 | 73 901.64 |
| 29 | 6.33 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.23 | 67.03 | 6.23 | 0.00 | 79.86 | 93.39 | 3 052.59 | 0.00 | 99.91 | 74.51 | 3 049.90 | 73 197.52 |
| 30 | 6.25 | 0.00 | 0.00 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.15 | 67.03 | 6.15 | 0.00 | 79.57 | 93.36 | 3 003.63 | 0.00 | 99.92 | 74.22 | 3 001.23 | 72 029.52 |
| 31 | 6.39 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.29 | 67.02 | 6.29 | 0.00 | 80.09 | 93.41 | 3 091.96 | 0.00 | 99.91 | 74.74 | 3 089.04 | 74 136.90 |

* Débit esthétique voir explication

1 148 984

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AVRIL

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 6.02 | 0.00 | 0.00 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.92 | 67.05 | 5.92 | 0.00 | 78.68 | 93.14 | 2 854.32 | 0.00 | 99.94 | 73.25 | 2 852.74 | 68 465.76 |
| 2 | 5.99 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.89 | 67.05 | 5.89 | 0.00 | 78.56 | 93.09 | 2 833.76 | 0.00 | 99.95 | 73.10 | 2 832.29 | 67 974.94 |
| 3 | 5.95 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.85 | 67.05 | 5.85 | 0.00 | 78.38 | 93.01 | 2 803.05 | 0.00 | 99.95 | 72.87 | 2 801.74 | 67 241.74 |
| 4 | 5.99 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.89 | 67.05 | 5.89 | 0.00 | 78.56 | 93.09 | 2 833.76 | 0.00 | 99.95 | 73.10 | 2 832.29 | 67 974.94 |
| 5 | 6.33 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.23 | 67.03 | 6.23 | 0.00 | 79.86 | 93.39 | 3 052.59 | 0.00 | 99.91 | 74.51 | 3 049.90 | 73 197.52 |
| 6 | 6.58 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.48 | 67.01 | 6.48 | 0.00 | 80.84 | 93.49 | 3 221.26 | 0.00 | 99.88 | 75.49 | 3 217.52 | 77 220.53 |
| 7 | 6.89 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.79 | 66.99 | 6.79 | 0.00 | 81.94 | 93.62 | 3 421.81 | 0.00 | 99.85 | 76.60 | 3 416.70 | 82 000.90 |
| 8 | 6.98 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.88 | 66.98 | 6.88 | 0.00 | 82.27 | 93.66 | 3 482.88 | 0.00 | 99.84 | 76.93 | 3 477.33 | 83 455.87 |
| 9 | 7.02 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.92 | 66.98 | 6.92 | 0.00 | 82.43 | 93.68 | 3 513.57 | 0.00 | 99.84 | 77.10 | 3 507.79 | 84 187.05 |
| 10 | 7.02 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.92 | 66.98 | 6.92 | 0.00 | 82.43 | 93.68 | 3 513.57 | 0.00 | 99.84 | 77.10 | 3 507.79 | 84 187.05 |
| 11 | 6.98 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.88 | 66.98 | 6.88 | 0.00 | 82.27 | 93.66 | 3 482.88 | 0.00 | 99.84 | 76.93 | 3 477.33 | 83 455.87 |
| 12 | 6.89 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.79 | 66.99 | 6.79 | 0.00 | 81.94 | 93.62 | 3 421.81 | 0.00 | 99.85 | 76.60 | 3 416.70 | 82 000.90 |
| 13 | 6.80 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.70 | 66.99 | 6.70 | 0.00 | 81.61 | 93.58 | 3 361.17 | 0.00 | 99.86 | 76.27 | 3 356.49 | 80 555.76 |
| 14 | 6.63 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.53 | 67.01 | 6.53 | 0.00 | 81.01 | 93.51 | 3 251.14 | 0.00 | 99.88 | 75.66 | 3 247.21 | 77 933.07 |
| 15 | 6.54 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.44 | 67.01 | 6.44 | 0.00 | 80.66 | 93.48 | 3 191.24 | 0.00 | 99.89 | 75.32 | 3 187.70 | 76 504.76 |
| 16 | 6.54 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.44 | 67.01 | 6.44 | 0.00 | 80.66 | 93.48 | 3 191.24 | 0.00 | 99.89 | 75.32 | 3 187.70 | 76 504.76 |
| 17 | 6.58 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.48 | 67.01 | 6.48 | 0.00 | 80.84 | 93.49 | 3 221.26 | 0.00 | 99.88 | 75.49 | 3 217.52 | 77 220.53 |
| 18 | 6.58 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.48 | 67.01 | 6.48 | 0.00 | 80.84 | 93.49 | 3 221.26 | 0.00 | 99.88 | 75.49 | 3 217.52 | 77 220.53 |
| 19 | 6.51 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.41 | 67.02 | 6.41 | 0.00 | 80.55 | 93.46 | 3 171.29 | 0.00 | 99.89 | 75.20 | 3 167.87 | 76 028.97 |
| 20 | 6.54 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.44 | 67.01 | 6.44 | 0.00 | 80.66 | 93.48 | 3 191.24 | 0.00 | 99.89 | 75.32 | 3 187.70 | 76 504.76 |
| 21 | 6.58 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.48 | 67.01 | 6.48 | 0.00 | 80.84 | 93.49 | 3 221.26 | 0.00 | 99.88 | 75.49 | 3 217.52 | 77 220.53 |
| 22 | 6.63 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.53 | 67.01 | 6.53 | 0.00 | 81.01 | 93.51 | 3 251.14 | 0.00 | 99.88 | 75.66 | 3 247.21 | 77 933.07 |
| 23 | 6.67 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.57 | 67.00 | 6.57 | 0.00 | 81.17 | 93.53 | 3 281.00 | 0.00 | 99.87 | 75.82 | 3 276.87 | 78 644.80 |
| 24 | 6.77 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.67 | 67.00 | 6.67 | 0.00 | 81.50 | 93.57 | 3 341.05 | 0.00 | 99.86 | 76.16 | 3 336.51 | 80 076.23 |
| 25 | 6.84 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.74 | 66.99 | 6.74 | 0.00 | 81.77 | 93.60 | 3 391.44 | 0.00 | 99.86 | 76.43 | 3 386.55 | 81 277.11 |
| 26 | 6.98 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.88 | 66.98 | 6.88 | 0.00 | 82.27 | 93.66 | 3 482.88 | 0.00 | 99.84 | 76.93 | 3 477.33 | 83 455.87 |
| 27 | 7.24 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.14 | 66.96 | 7.14 | 0.00 | 83.16 | 93.77 | 3 656.29 | 0.00 | 99.81 | 77.84 | 3 649.41 | 87 585.89 |
| 28 | 7.62 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.52 | 66.93 | 7.52 | 0.00 | 84.42 | 93.93 | 3 914.44 | 0.00 | 99.77 | 79.12 | 3 905.41 | 93 729.96 |
| 29 | 8.18 | 0.00 | 0.00 | 0.00 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.08 | 66.89 | 8.08 | 0.00 | 86.19 | 94.18 | 4 303.65 | 0.00 | 99.70 | 80.93 | 4 290.95 | 102 982.79 |
| 30 | 9.05 | 0.00 | 0.00 | 0.00 | 67.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.95 | 66.81 | 8.95 | 0.00 | 88.01 | 94.54 | 4 879.01 | 0.00 | 99.61 | 82.88 | 4 859.97 | 116 639.28 |

* Débit esthétique voir explication

2 419 382

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MAI

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 9.69 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.39 | 66.77 | 9.39 | 0.00 | 88.39 | 94.70 | 5 146.13 | 0.00 | 99.57 | 83.35 | 5 123.77 | 122 970.53 |
| 2 | 10.67 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.37 | 66.58 | 10.37 | 0.00 | 88.56 | 95.05 | 5 703.62 | 0.00 | 99.47 | 83.74 | 5 673.59 | 136 166.16 |
| 3 | 12.06 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.76 | 66.46 | 11.76 | 0.00 | 87.96 | 95.28 | 6 423.51 | 0.00 | 99.35 | 83.26 | 6 382.04 | 153 168.95 |
| 4 | 21.59 | 0.00 | 0.00 | 0.00 | 66.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 21.29 | 65.30 | 21.29 | 0.00 | 89.89 | 95.79 | 11 744.33 | 0.00 | 98.82 | 85.09 | 11 605.33 | 278 527.98 |
| 5 | 35.12 | 0.00 | 0.00 | 0.00 | 66.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 34.82 | 65.51 | 17.41 | 17.41 | 89.44 | 95.72 | 9 579.63 | 9 579.63 | 98.01 | 83.91 | 18 778.18 | 450 676.27 |
| 6 | 48.65 | 0.00 | 0.00 | 0.00 | 66.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.75 | 22.00 | 22.00 | 89.45 | 95.80 | 11 974.87 | 11 974.87 | 97.41 | 83.47 | 23 328.30 | 559 879.12 |
| 7 | 53.82 | 0.00 | 0.00 | 0.00 | 66.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.67 | 22.00 | 22.00 | 89.47 | 95.80 | 11 962.88 | 11 962.88 | 97.41 | 83.49 | 23 305.67 | 559 336.09 |
| 8 | 65.38 | 0.00 | 0.00 | 0.00 | 65.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.51 | 22.00 | 22.00 | 89.50 | 95.80 | 11 937.10 | 11 937.10 | 97.41 | 83.52 | 23 257.02 | 558 168.37 |
| 9 | 81.80 | 0.00 | 0.00 | 0.00 | 65.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.30 | 22.00 | 22.00 | 89.54 | 95.80 | 11 902.87 | 11 902.87 | 97.42 | 83.57 | 23 192.40 | 556 617.56 |
| 10 | 95.94 | 0.00 | 0.00 | 0.00 | 65.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.12 | 22.00 | 22.00 | 89.58 | 95.80 | 11 875.27 | 11 875.27 | 97.43 | 83.61 | 23 140.27 | 555 366.58 |
| 11 | 96.85 | 0.00 | 0.00 | 0.00 | 65.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.11 | 22.00 | 22.00 | 89.58 | 95.80 | 11 873.52 | 11 873.52 | 97.43 | 83.61 | 23 136.98 | 555 287.56 |
| 12 | 90.77 | 0.00 | 0.00 | 0.00 | 65.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.18 | 22.00 | 22.00 | 89.56 | 95.80 | 11 885.14 | 11 885.14 | 97.43 | 83.59 | 23 158.93 | 555 814.26 |
| 13 | 93.05 | 0.00 | 0.00 | 0.00 | 65.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.16 | 22.00 | 22.00 | 89.57 | 95.80 | 11 880.79 | 11 880.79 | 97.43 | 83.60 | 23 150.70 | 555 616.77 |
| 14 | 120.57 | 0.00 | 0.00 | 0.00 | 65.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.84 | 22.00 | 22.00 | 89.55 | 95.79 | 11 819.73 | 11 819.73 | 97.44 | 83.59 | 23 035.40 | 552 849.69 |
| 15 | 133.50 | 0.00 | 0.00 | 0.00 | 65.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.70 | 22.00 | 22.00 | 89.51 | 95.79 | 11 787.81 | 11 787.81 | 97.45 | 83.56 | 22 975.11 | 551 402.57 |
| 16 | 124.07 | 0.00 | 0.00 | 0.00 | 65.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.80 | 22.00 | 22.00 | 89.54 | 95.79 | 11 810.98 | 11 810.98 | 97.45 | 83.59 | 23 018.86 | 552 452.63 |
| 17 | 130.00 | 0.00 | 0.00 | 0.00 | 65.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.74 | 22.00 | 22.00 | 89.52 | 95.79 | 11 796.13 | 11 796.13 | 97.45 | 83.57 | 22 990.81 | 551 779.51 |
| 18 | 148.09 | 0.00 | 0.00 | 0.00 | 65.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.55 | 22.00 | 22.00 | 89.46 | 95.79 | 11 753.13 | 11 753.13 | 97.46 | 83.52 | 22 909.58 | 549 829.90 |
| 19 | 145.51 | 0.00 | 0.00 | 0.00 | 65.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.57 | 22.00 | 22.00 | 89.47 | 95.79 | 11 759.27 | 11 759.27 | 97.46 | 83.53 | 22 921.18 | 550 108.32 |
| 20 | 144.60 | 0.00 | 0.00 | 0.00 | 65.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.58 | 22.00 | 22.00 | 89.47 | 95.79 | 11 761.44 | 11 761.44 | 97.46 | 83.53 | 22 925.27 | 550 206.59 |
| 21 | 150.22 | 0.00 | 0.00 | 0.00 | 64.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.52 | 22.00 | 22.00 | 89.46 | 95.79 | 11 748.11 | 11 748.11 | 97.46 | 83.52 | 22 900.10 | 549 602.34 |
| 22 | 133.50 | 0.00 | 0.00 | 0.00 | 65.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.70 | 22.00 | 22.00 | 89.51 | 95.79 | 11 787.81 | 11 787.81 | 97.45 | 83.56 | 22 975.11 | 551 402.57 |
| 23 | 122.25 | 0.00 | 0.00 | 0.00 | 65.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.82 | 22.00 | 22.00 | 89.55 | 95.79 | 11 815.55 | 11 815.55 | 97.45 | 83.59 | 23 027.49 | 552 659.78 |
| 24 | 128.33 | 0.00 | 0.00 | 0.00 | 65.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.75 | 22.00 | 22.00 | 89.53 | 95.79 | 11 800.32 | 11 800.32 | 97.45 | 83.57 | 22 998.72 | 551 969.35 |
| 25 | 129.54 | 0.00 | 0.00 | 0.00 | 65.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.74 | 22.00 | 22.00 | 89.52 | 95.79 | 11 797.27 | 11 797.27 | 97.45 | 83.57 | 22 992.97 | 551 831.29 |
| 26 | 121.49 | 0.00 | 0.00 | 0.00 | 65.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 552 746.10 |
| 27 | 112.36 | 0.00 | 0.00 | 0.00 | 65.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.93 | 22.00 | 22.00 | 89.58 | 95.80 | 11 840.31 | 11 840.31 | 97.44 | 83.62 | 23 074.26 | 553 782.18 |
| 28 | 112.36 | 0.00 | 0.00 | 0.00 | 65.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.93 | 22.00 | 22.00 | 89.58 | 95.80 | 11 840.31 | 11 840.31 | 97.44 | 83.62 | 23 074.26 | 553 782.18 |
| 29 | 111.91 | 0.00 | 0.00 | 0.00 | 65.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.94 | 22.00 | 22.00 | 89.58 | 95.80 | 11 841.45 | 11 841.45 | 97.44 | 83.62 | 23 076.42 | 553 834.00 |
| 30 | 113.27 | 0.00 | 0.00 | 0.00 | 65.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.92 | 22.00 | 22.00 | 89.58 | 95.80 | 11 838.02 | 11 838.02 | 97.44 | 83.61 | 23 069.94 | 553 678.55 |
| 31 | 115.40 | 0.00 | 0.00 | 0.00 | 65.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.90 | 22.00 | 22.00 | 89.57 | 95.80 | 11 832.69 | 11 832.69 | 97.44 | 83.61 | 23 059.87 | 553 436.77 |

* Débit esthétique voir explication

15 534 951

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUIN

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débits Turbinés m³/s | Hauteur Chute brute m | Hauteur Chute nette m | Débits I Turbinés m³/s | Débits II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|------------------------|----------------------------|---------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|-------------------|--------------------|---------------------|----------------------|-----------------|------------------|----------------------|--------------------------------|
| 1 | 132.58 | 0.00 | 0.00 | 0.00 | 65.17 | 65.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.17 | 63.71 | 22.00 | 22.00 | 89.51 | 95.79 | 11 789.98 | 11 789.98 | 97.45 | 83.56 | 22 979.20 | 551 500.90 |
| 2 | 164.21 | 0.00 | 0.00 | 0.00 | 64.84 | 64.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.84 | 63.39 | 22.00 | 22.00 | 89.42 | 95.79 | 11 717.25 | 11 717.25 | 97.47 | 83.49 | 22 841.78 | 548 202.68 |
| 3 | 162.69 | 0.00 | 0.00 | 0.00 | 64.86 | 64.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.86 | 63.40 | 22.00 | 22.00 | 89.42 | 95.79 | 11 720.60 | 11 720.60 | 97.47 | 83.49 | 22 848.12 | 548 354.78 |
| 4 | 153.57 | 0.00 | 0.00 | 0.00 | 64.95 | 64.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.95 | 63.49 | 22.00 | 22.00 | 89.45 | 95.79 | 11 740.73 | 11 740.73 | 97.46 | 83.51 | 22 886.15 | 549 267.56 |
| 5 | 148.09 | 0.00 | 0.00 | 0.00 | 65.00 | 65.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.00 | 63.55 | 22.00 | 22.00 | 89.46 | 95.79 | 11 753.13 | 11 753.13 | 97.46 | 83.52 | 22 909.58 | 549 829.90 |
| 6 | 129.54 | 0.00 | 0.00 | 0.00 | 65.20 | 65.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.20 | 63.74 | 22.00 | 22.00 | 89.52 | 95.79 | 11 797.27 | 11 797.27 | 97.45 | 83.57 | 22 992.97 | 551 831.29 |
| 7 | 111.15 | 0.00 | 0.00 | 0.00 | 65.40 | 65.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.40 | 63.95 | 22.00 | 22.00 | 89.58 | 95.80 | 11 843.36 | 11 843.36 | 97.44 | 83.62 | 23 080.02 | 553 920.36 |
| 8 | 102.48 | 0.00 | 0.00 | 0.00 | 65.50 | 65.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.50 | 64.05 | 22.00 | 22.00 | 89.59 | 95.80 | 11 862.92 | 11 862.92 | 97.43 | 83.62 | 23 116.97 | 554 807.21 |
| 9 | 103.39 | 0.00 | 0.00 | 0.00 | 65.49 | 65.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.49 | 64.03 | 22.00 | 22.00 | 89.59 | 95.80 | 11 861.24 | 11 861.24 | 97.43 | 83.62 | 23 113.78 | 554 730.75 |
| 10 | 105.98 | 0.00 | 0.00 | 0.00 | 65.46 | 65.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.46 | 64.00 | 22.00 | 22.00 | 89.60 | 95.80 | 11 856.46 | 11 856.46 | 97.44 | 83.63 | 23 104.75 | 554 514.09 |
| 11 | 95.18 | 0.00 | 0.00 | 0.00 | 65.59 | 65.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.59 | 64.13 | 22.00 | 22.00 | 89.57 | 95.80 | 11 876.72 | 11 876.72 | 97.43 | 83.60 | 23 143.02 | 555 432.42 |
| 12 | 84.39 | 0.00 | 0.00 | 0.00 | 65.72 | 65.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.72 | 64.26 | 22.00 | 22.00 | 89.55 | 95.80 | 11 897.75 | 11 897.75 | 97.42 | 83.57 | 23 182.73 | 556 385.43 |
| 13 | 79.22 | 0.00 | 0.00 | 0.00 | 65.79 | 65.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.79 | 64.33 | 22.00 | 22.00 | 89.53 | 95.80 | 11 908.06 | 11 908.06 | 97.42 | 83.56 | 23 202.19 | 556 852.65 |
| 14 | 72.83 | 0.00 | 0.00 | 0.00 | 65.87 | 65.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.87 | 64.41 | 22.00 | 22.00 | 89.52 | 95.80 | 11 921.25 | 11 921.25 | 97.42 | 83.54 | 23 227.10 | 557 450.31 |
| 15 | 67.20 | 5.00 | 0.19 | 44.00 | 65.94 | 64.49 | 22.00 | 22.00 | 89.50 | 95.80 | 11 933.15 | 11 933.15 | 97.42 | 83.53 | 23 249.56 | 104 623.01 |
| | | 0.00 | 0.81 | 44.00 | 65.94 | 64.49 | 22.00 | 22.00 | 89.50 | 95.80 | 11 933.15 | 11 933.15 | 97.42 | 83.53 | 23 249.56 | 453 366.37 |
| 16 | 59.45 | 5.00 | 0.19 | 44.00 | 66.05 | 64.59 | 22.00 | 22.00 | 89.48 | 95.80 | 11 950.01 | 11 950.01 | 97.41 | 83.50 | 23 281.37 | 104 766.18 |
| | | 0.00 | 0.81 | 44.00 | 66.05 | 64.59 | 22.00 | 22.00 | 89.48 | 95.80 | 11 950.01 | 11 950.01 | 97.41 | 83.50 | 23 281.37 | 453 986.80 |
| 17 | 52.91 | 5.00 | 0.19 | 44.00 | 66.14 | 64.69 | 22.00 | 22.00 | 89.46 | 95.80 | 11 964.97 | 11 964.97 | 97.41 | 83.48 | 23 309.61 | 104 893.24 |
| | | 0.00 | 0.81 | 44.00 | 66.14 | 64.69 | 22.00 | 22.00 | 89.46 | 95.80 | 11 964.97 | 11 964.97 | 97.41 | 83.48 | 23 309.61 | 454 537.38 |
| 18 | 54.74 | 5.00 | 0.19 | 44.00 | 66.12 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.79 | 11 960.79 | 97.41 | 83.49 | 23 301.73 | 104 857.79 |
| | | 0.00 | 0.81 | 44.00 | 66.12 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.79 | 11 960.79 | 97.41 | 83.49 | 23 301.73 | 454 383.76 |
| 19 | 117.99 | 5.00 | 0.19 | 44.00 | 65.33 | 63.87 | 22.00 | 22.00 | 89.56 | 95.80 | 11 826.21 | 11 826.21 | 97.44 | 83.60 | 23 047.63 | 103 714.35 |
| | | 0.00 | 0.81 | 44.00 | 65.33 | 63.87 | 22.00 | 22.00 | 89.56 | 95.80 | 11 826.21 | 11 826.21 | 97.44 | 83.60 | 23 047.63 | 449 428.86 |
| 20 | 121.49 | 5.00 | 0.19 | 44.00 | 65.29 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 103 639.89 |
| | | 0.00 | 0.81 | 44.00 | 65.29 | 63.83 | 22.00 | 22.00 | 89.55 | 95.79 | 11 817.45 | 11 817.45 | 97.45 | 83.59 | 23 031.09 | 449 106.21 |
| 21 | 90.77 | 5.00 | 0.19 | 44.00 | 65.64 | 64.18 | 22.00 | 22.00 | 89.56 | 95.80 | 11 885.14 | 11 885.14 | 97.43 | 83.59 | 23 158.93 | 104 215.17 |
| | | 0.00 | 0.81 | 44.00 | 65.64 | 64.18 | 22.00 | 22.00 | 89.56 | 95.80 | 11 885.14 | 11 885.14 | 97.43 | 83.59 | 23 158.93 | 451 599.09 |
| 22 | 72.37 | 5.00 | 0.19 | 44.00 | 65.88 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 922.19 | 11 922.19 | 97.42 | 83.54 | 23 228.87 | 104 529.94 |
| | | 0.00 | 0.81 | 44.00 | 65.88 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 922.19 | 11 922.19 | 97.42 | 83.54 | 23 228.87 | 452 963.06 |
| 23 | 67.66 | 5.00 | 0.19 | 44.00 | 65.94 | 64.48 | 22.00 | 22.00 | 89.50 | 95.80 | 11 932.16 | 11 932.16 | 97.42 | 83.53 | 23 247.69 | 104 614.62 |
| | | 0.00 | 0.81 | 44.00 | 65.94 | 64.48 | 22.00 | 22.00 | 89.50 | 95.80 | 11 932.16 | 11 932.16 | 97.42 | 83.53 | 23 247.69 | 453 330.01 |
| 24 | 62.80 | 5.00 | 0.19 | 44.00 | 66.00 | 64.55 | 22.00 | 22.00 | 89.49 | 95.80 | 11 942.70 | 11 942.70 | 97.41 | 83.51 | 23 267.58 | 104 704.10 |
| | | 0.00 | 0.81 | 44.00 | 66.00 | 64.55 | 22.00 | 22.00 | 89.49 | 95.80 | 11 942.70 | 11 942.70 | 97.41 | 83.51 | 23 267.58 | 453 717.78 |
| 25 | 51.70 | 5.00 | 0.19 | 44.00 | 66.16 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 967.75 | 11 967.75 | 97.41 | 83.48 | 23 314.86 | 104 916.87 |
| | | 0.00 | 0.81 | 44.00 | 66.16 | 64.70 | 22.00 | 22.00 | 89.46 | 95.80 | 11 967.75 | 11 967.75 | 97.41 | 83.48 | 23 314.86 | 454 639.78 |
| 26 | 43.03 | 5.00 | 0.19 | 38.03 | 66.29 | 65.20 | 19.01 | 19.01 | 90.37 | 95.75 | 10 525.11 | 10 525.11 | 97.77 | 84.61 | 20 581.62 | 92 617.27 |
| | | 0.00 | 0.81 | 42.73 | 66.29 | 64.92 | 21.36 | 21.36 | 89.86 | 95.79 | 11 711.28 | 11 711.28 | 97.47 | 83.90 | 22 830.50 | 445 194.79 |
| 27 | 37.71 | 5.00 | 0.19 | 32.71 | 66.38 | 65.58 | 16.35 | 16.35 | 88.62 | 95.69 | 8 921.16 | 8 921.16 | 98.16 | 83.24 | 17 513.30 | 78 809.86 |
| | | 0.00 | 0.81 | 37.41 | 66.38 | 65.33 | 18.70 | 18.70 | 90.26 | 95.75 | 10 358.62 | 10 358.62 | 97.82 | 84.53 | 20 264.82 | 395 163.93 |
| 28 | 34.97 | 5.00 | 0.19 | 29.97 | 66.43 | 65.75 | 14.99 | 14.99 | 88.02 | 95.56 | 8 130.46 | 8 130.46 | 98.33 | 82.71 | 15 989.37 | 71 952.17 |
| | | 0.00 | 0.81 | 34.67 | 66.43 | 65.52 | 17.34 | 17.34 | 89.37 | 95.72 | 9 531.38 | 9 531.38 | 98.02 | 83.85 | 18 685.62 | 364 369.63 |
| 29 | 31.93 | 5.00 | 0.19 | 26.93 | 66.48 | 65.93 | 13.46 | 13.46 | 87.95 | 95.43 | 7 308.96 | 7 308.96 | 98.51 | 82.68 | 14 400.24 | 64 801.08 |
| | | 0.00 | 0.81 | 31.63 | 66.48 | 65.72 | 15.81 | 15.81 | 88.29 | 95.64 | 8 610.48 | 8 610.48 | 98.22 | 82.95 | 16 915.17 | 329 845.81 |
| 30 | 28.74 | 5.00 | 0.19 | 23.74 | 66.53 | 66.11 | 11.87 | 11.87 | 87.99 | 95.28 | 6 453.33 | 6 453.33 | 98.70 | 82.75 | 12 738.78 | 57 324.50 |
| | | 0.00 | 0.81 | 28.44 | 66.53 | 65.92 | 14.22 | 14.22 | 88.00 | 95.49 | 7 727.23 | 7 727.23 | 98.42 | 82.71 | 15 210.09 | 296 596.82 |
| | | | | | | | | | | | | | | | | 16 070 290 |

* Débit esthétique voir explication

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUILLET

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 25.70 | 5.00 | 0.19 | 20.70 | 65.30 | 20.70 | 0.00 | 90.08 | 95.78 | 11 438.00 | 0.00 | 98.85 | 85.28 | 11 306.16 | 50 877.73 |
| | | 0.00 | 0.81 | 25.40 | 66.10 | 12.70 | 12.70 | 87.92 | 95.36 | 6 903.23 | 6 903.23 | 98.60 | 82.66 | 13 613.21 | 265 457.57 |
| 2 | 24.02 | 5.00 | 0.19 | 19.02 | 65.53 | 19.02 | 0.00 | 90.34 | 95.75 | 10 578.98 | 0.00 | 98.93 | 85.58 | 10 466.20 | 47 097.91 |
| | | 0.00 | 0.81 | 23.72 | 66.20 | 11.86 | 11.86 | 87.98 | 95.28 | 6 457.33 | 6 457.33 | 98.70 | 82.74 | 12 746.56 | 248 557.98 |
| 3 | 23.11 | 5.00 | 0.19 | 18.11 | 65.65 | 18.11 | 0.00 | 90.04 | 95.74 | 10 054.03 | 0.00 | 98.99 | 85.32 | 9 952.16 | 44 784.73 |
| | | 0.00 | 0.81 | 22.81 | 66.25 | 11.41 | 11.41 | 88.04 | 95.24 | 6 215.20 | 6 215.20 | 98.75 | 82.80 | 12 274.68 | 239 356.31 |
| 4 | 24.63 | 5.00 | 0.19 | 19.63 | 65.45 | 19.63 | 0.00 | 90.22 | 95.76 | 10 889.36 | 0.00 | 98.90 | 85.45 | 10 769.86 | 48 464.39 |
| | | 0.00 | 0.81 | 24.33 | 66.16 | 12.17 | 12.17 | 87.95 | 95.31 | 6 619.41 | 6 619.41 | 98.66 | 82.71 | 13 061.78 | 254 704.65 |
| 5 | 26.00 | 5.00 | 0.19 | 21.00 | 65.25 | 21.00 | 0.00 | 90.07 | 95.79 | 11 598.72 | 0.00 | 98.83 | 85.27 | 11 463.15 | 51 584.16 |
| | | 0.00 | 0.81 | 25.70 | 66.09 | 12.85 | 12.85 | 87.91 | 95.37 | 6 984.11 | 6 984.11 | 98.58 | 82.65 | 13 770.21 | 268 519.15 |
| 6 | 26.30 | 5.00 | 0.19 | 21.30 | 65.21 | 21.30 | 0.00 | 89.89 | 95.79 | 11 734.51 | 0.00 | 98.82 | 85.08 | 11 595.74 | 52 180.85 |
| | | 0.00 | 0.81 | 26.00 | 66.07 | 13.00 | 13.00 | 87.89 | 95.39 | 7 064.92 | 7 064.92 | 98.56 | 82.63 | 13 927.03 | 271 577.02 |
| 7 | 24.18 | 5.00 | 0.19 | 19.18 | 65.51 | 19.18 | 0.00 | 90.31 | 95.76 | 10 657.22 | 0.00 | 98.93 | 85.55 | 10 542.76 | 47 442.41 |
| | | 0.00 | 0.81 | 23.88 | 66.19 | 11.94 | 11.94 | 87.97 | 95.29 | 6 497.69 | 6 497.69 | 98.69 | 82.73 | 12 825.08 | 250 089.06 |
| 8 | 21.59 | 5.00 | 0.19 | 16.59 | 65.84 | 16.59 | 0.00 | 88.74 | 95.70 | 9 099.81 | 0.00 | 99.08 | 84.15 | 9 016.36 | 40 573.63 |
| | | 0.00 | 0.81 | 21.29 | 65.30 | 21.29 | 0.00 | 89.89 | 95.79 | 11 744.33 | 0.00 | 98.82 | 85.09 | 11 605.33 | 226 303.98 |
| 9 | 22.81 | 5.00 | 0.19 | 17.81 | 65.69 | 17.81 | 0.00 | 89.81 | 95.73 | 9 865.76 | 0.00 | 99.01 | 85.12 | 9 767.67 | 43 954.51 |
| | | 0.00 | 0.81 | 22.51 | 66.26 | 11.25 | 11.25 | 88.06 | 95.23 | 6 134.49 | 6 134.49 | 98.76 | 82.82 | 12 117.28 | 236 287.05 |
| 10 | 26.91 | 5.00 | 0.19 | 21.91 | 65.12 | 21.91 | 0.00 | 89.48 | 95.80 | 11 999.69 | 0.00 | 98.79 | 84.69 | 11 854.58 | 53 345.62 |
| | | 0.00 | 0.81 | 26.61 | 66.03 | 13.31 | 13.31 | 87.93 | 95.41 | 7 231.15 | 7 231.15 | 98.53 | 82.66 | 14 249.42 | 277 863.67 |
| 11 | 34.51 | 5.00 | 0.19 | 29.51 | 65.78 | 14.76 | 14.76 | 88.02 | 95.54 | 8 007.71 | 8 007.71 | 98.36 | 82.71 | 15 752.30 | 70 885.34 |
| | | 0.00 | 0.81 | 34.21 | 65.55 | 17.11 | 17.11 | 89.15 | 95.71 | 9 386.82 | 9 386.82 | 98.05 | 83.67 | 18 408.21 | 358 960.05 |
| 12 | 31.17 | 5.00 | 0.19 | 26.17 | 65.97 | 13.08 | 13.08 | 87.91 | 95.39 | 7 101.52 | 7 101.52 | 98.56 | 82.65 | 13 998.02 | 62 991.10 |
| | | 0.00 | 0.81 | 30.87 | 65.77 | 15.43 | 15.43 | 88.16 | 95.60 | 8 394.04 | 8 394.04 | 98.27 | 82.83 | 16 497.97 | 321 710.51 |
| 13 | 26.30 | 5.00 | 0.19 | 21.30 | 65.21 | 21.30 | 0.00 | 89.89 | 95.79 | 11 734.51 | 0.00 | 98.82 | 85.08 | 11 595.74 | 52 180.85 |
| | | 0.00 | 0.81 | 26.00 | 66.07 | 13.00 | 13.00 | 87.89 | 95.39 | 7 064.92 | 7 064.92 | 98.56 | 82.63 | 13 927.03 | 271 577.02 |
| 14 | 22.65 | 5.00 | 0.19 | 17.65 | 65.71 | 17.65 | 0.00 | 89.67 | 95.73 | 9 767.91 | 0.00 | 99.02 | 84.99 | 9 671.76 | 43 522.91 |
| | | 0.00 | 0.81 | 22.35 | 66.27 | 11.18 | 11.18 | 88.07 | 95.22 | 6 094.13 | 6 094.13 | 98.77 | 82.84 | 12 038.56 | 234 751.99 |
| 15 | 22.50 | 5.00 | 0.19 | 17.50 | 65.73 | 17.50 | 0.00 | 89.52 | 95.72 | 9 670.20 | 0.00 | 99.03 | 84.85 | 9 575.97 | 43 091.85 |
| | | 0.00 | 0.81 | 22.20 | 66.28 | 11.10 | 11.10 | 88.08 | 95.22 | 6 053.78 | 6 053.78 | 98.78 | 82.85 | 11 959.83 | 233 216.62 |
| 16 | 23.57 | 5.00 | 0.19 | 18.57 | 65.59 | 18.57 | 0.00 | 90.19 | 95.74 | 10 316.80 | 0.00 | 98.96 | 85.46 | 10 209.54 | 45 942.93 |
| | | 0.00 | 0.81 | 23.27 | 66.22 | 11.63 | 11.63 | 88.01 | 95.26 | 6 336.26 | 6 336.26 | 98.72 | 82.77 | 12 510.68 | 243 958.28 |
| 17 | 22.20 | 5.00 | 0.19 | 17.20 | 65.76 | 17.20 | 0.00 | 89.22 | 95.72 | 9 475.24 | 0.00 | 99.05 | 84.58 | 9 384.76 | 42 231.44 |
| | | 0.00 | 0.81 | 21.90 | 65.21 | 21.90 | 0.00 | 89.51 | 95.80 | 12 012.20 | 0.00 | 98.79 | 84.71 | 11 866.79 | 231 402.34 |
| 18 | 19.61 | 5.00 | 0.19 | 14.61 | 66.06 | 14.61 | 0.00 | 88.00 | 95.53 | 7 961.76 | 0.00 | 99.20 | 83.39 | 7 897.88 | 35 540.44 |
| | | 0.00 | 0.81 | 19.31 | 65.58 | 19.31 | 0.00 | 90.29 | 95.76 | 10 743.17 | 0.00 | 98.92 | 85.52 | 10 626.86 | 207 223.79 |
| 19 | 21.29 | 5.00 | 0.19 | 16.29 | 65.87 | 16.29 | 0.00 | 88.52 | 95.69 | 8 915.05 | 0.00 | 99.10 | 83.95 | 8 834.96 | 39 757.31 |
| | | 0.00 | 0.81 | 20.99 | 65.34 | 20.99 | 0.00 | 90.07 | 95.79 | 11 606.24 | 0.00 | 98.83 | 85.26 | 11 470.49 | 223 674.63 |
| 20 | 32.23 | 5.00 | 0.19 | 27.23 | 65.91 | 13.62 | 13.62 | 87.97 | 95.44 | 7 391.85 | 7 391.85 | 98.49 | 82.69 | 14 560.85 | 65 523.82 |
| | | 0.00 | 0.81 | 31.93 | 65.70 | 15.97 | 15.97 | 88.35 | 95.65 | 8 697.25 | 8 697.25 | 98.21 | 82.99 | 17 082.32 | 333 105.29 |
| 21 | 29.50 | 5.00 | 0.19 | 24.50 | 66.07 | 12.25 | 12.25 | 87.96 | 95.32 | 6 655.81 | 6 655.81 | 98.65 | 82.72 | 13 132.54 | 59 096.41 |
| | | 0.00 | 0.81 | 29.20 | 65.88 | 14.60 | 14.60 | 88.01 | 95.53 | 7 931.44 | 7 931.44 | 98.37 | 82.71 | 15 604.93 | 304 296.23 |
| 22 | 24.48 | 5.00 | 0.19 | 19.48 | 65.47 | 19.48 | 0.00 | 90.25 | 95.76 | 10 812.41 | 0.00 | 98.91 | 85.48 | 10 694.60 | 48 125.70 |
| | | 0.00 | 0.81 | 24.18 | 66.17 | 12.09 | 12.09 | 87.96 | 95.30 | 6 578.77 | 6 578.77 | 98.67 | 82.71 | 12 982.77 | 253 163.92 |
| 23 | 20.83 | 5.00 | 0.19 | 15.83 | 65.92 | 15.83 | 0.00 | 88.26 | 95.65 | 8 642.81 | 0.00 | 99.13 | 83.68 | 8 567.53 | 38 553.90 |
| | | 0.00 | 0.81 | 20.53 | 65.41 | 20.53 | 0.00 | 90.09 | 95.78 | 11 367.34 | 0.00 | 98.85 | 85.30 | 11 237.13 | 219 123.96 |
| 24 | 18.40 | 5.00 | 0.19 | 13.40 | 66.19 | 13.40 | 0.00 | 87.92 | 95.42 | 7 298.64 | 0.00 | 99.26 | 83.28 | 7 244.95 | 32 602.29 |
| | | 0.00 | 0.81 | 18.10 | 65.74 | 18.10 | 0.00 | 90.03 | 95.74 | 10 060.63 | 0.00 | 98.99 | 85.32 | 9 958.63 | 194 193.22 |
| 25 | 16.57 | 5.00 | 0.19 | 11.57 | 66.37 | 11.57 | 0.00 | 88.00 | 95.26 | 6 316.56 | 0.00 | 99.37 | 83.30 | 6 276.90 | 28 246.05 |
| | | 0.00 | 0.81 | 16.27 | 65.97 | 16.27 | 0.00 | 88.50 | 95.69 | 8 918.85 | 0.00 | 99.10 | 83.92 | 8 838.69 | 172 354.45 |
| 26 | 16.88 | 5.00 | 0.19 | 11.88 | 66.34 | 11.88 | 0.00 | 87.95 | 95.29 | 6 478.07 | 0.00 | 99.35 | 83.26 | 6 435.78 | 28 961.02 |
| | | 0.00 | 0.81 | 16.58 | 65.94 | 16.58 | 0.00 | 88.71 | 95.70 | 9 103.99 | 0.00 | 99.08 | 84.12 | 9 020.46 | 175 899.02 |
| 27 | 16.12 | 5.00 | 0.19 | 11.12 | 66.41 | 11.12 | 0.00 | 88.08 | 95.22 | 6 074.22 | 0.00 | 99.41 | 83.38 | 6 038.51 | 27 173.29 |
| | | 0.00 | 0.81 | 15.82 | 66.03 | 15.82 | 0.00 | 88.24 | 95.65 | 8 647.15 | 0.00 | 99.13 | 83.67 | 8 571.80 | 167 150.10 |
| 28 | 14.51 | 5.00 | 0.19 | 9.51 | 66.55 | 9.51 | 0.00 | 88.50 | 94.74 | 5 202.63 | 0.00 | 99.56 | 83.47 | 5 179.54 | 23 307.94 |
| | | 0.00 | 0.81 | 14.21 | 66.21 | 14.21 | 0.00 | 87.98 | 95.50 | 7 752.53 | 0.00 | 99.22 | 83.37 | 7 691.96 | 149 993.31 |
| 29 | 13.99 | 5.00 | 0.19 | 8.99 | 66.59 | 8.99 | 0.00 | 88.12 | 94.55 | 4 891.42 | 0.00 | 99.61 | 82.98 | 4 872.23 | 21 925.05 |
| | | 0.00 | 0.81 | 13.69 | 66.27 | 13.69 | 0.00 | 87.94 | 95.45 | 7 469.46 | 0.00 | 99.25 | 83.31 | 7 413.23 | 144 558.07 |
| 30 | 13.47 | 5.00 | 0.19 | 8.47 | 66.63 | 8.47 | 0.00 | 87.05 | 94.33 | 4 546.38 | 0.00 | 99.66 | 81.84 | 4 531.14 | 20 390.14 |
| | | 0.00 | 0.81 | 13.17 | 66.32 | 13.17 | 0.00 | 87.89 | 95.40 | 7 184.94 | 0.00 | 99.28 | 83.24 | 7 132.92 | 139 091.92 |
| 31 | 12.92 | 5.00 | 0.19 | 7.92 | 66.66 | 7.92 | 0.00 | 85.82 | 94.10 | 4 185.01 | 0.00 | 99.72 | 80.54 | 4 173.49 | 18 780.68 |
| | | 0.00 | 0.81 | 12.62 | 66.37 | 12.62 | 0.00 | 87.89 | 95.36 | 6 888.57 | 0.00 | 99.31 | 83.22 | 6 840.75 | 133 394.57 |

* Débit esthétique voir explication

8 580 652

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AOUT

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 13.52 | 5.00 | 0.19 | 8.52 | 66.62 | 8.52 | 0.00 | 87.14 | 94.35 | 4 576.51 | 0.00 | 99.66 | 81.94 | 4 560.94 | 20 524.24 |
| | | 0.00 | 0.81 | 13.22 | 66.31 | 13.22 | 0.00 | 87.89 | 95.41 | 7 210.05 | 0.00 | 99.27 | 83.25 | 7 157.66 | 139 574.35 |
| 2 | 13.78 | 5.00 | 0.19 | 8.78 | 66.60 | 8.78 | 0.00 | 87.68 | 94.46 | 4 748.40 | 0.00 | 99.63 | 82.51 | 4 730.89 | 21 289.02 |
| | | 0.00 | 0.81 | 13.48 | 66.29 | 13.48 | 0.00 | 87.92 | 95.43 | 7 352.30 | 0.00 | 99.26 | 83.28 | 7 297.83 | 142 307.66 |
| 3 | 13.00 | 5.00 | 0.19 | 8.00 | 66.66 | 8.00 | 0.00 | 86.07 | 94.14 | 4 238.62 | 0.00 | 99.72 | 80.79 | 4 226.57 | 19 019.55 |
| | | 0.00 | 0.81 | 12.70 | 66.37 | 12.70 | 0.00 | 87.88 | 95.36 | 6 929.46 | 0.00 | 99.30 | 83.22 | 6 881.07 | 134 180.92 |
| 4 | 11.75 | 5.00 | 0.19 | 6.75 | 66.74 | 6.75 | 0.00 | 81.88 | 93.60 | 3 888.60 | 0.00 | 99.86 | 76.53 | 3 383.73 | 15 226.78 |
| | | 0.00 | 0.81 | 11.45 | 66.48 | 11.45 | 0.00 | 88.01 | 95.25 | 6 262.21 | 0.00 | 99.38 | 83.31 | 6 223.45 | 121 357.34 |
| 5 | 11.54 | 5.00 | 0.19 | 6.54 | 66.76 | 6.54 | 0.00 | 81.10 | 93.51 | 3 248.07 | 0.00 | 99.88 | 75.74 | 3 244.15 | 14 598.69 |
| | | 0.00 | 0.81 | 11.24 | 66.50 | 11.24 | 0.00 | 88.05 | 95.23 | 6 149.26 | 0.00 | 99.40 | 83.35 | 6 112.35 | 119 190.83 |
| 6 | 12.18 | 5.00 | 0.19 | 7.18 | 66.72 | 7.18 | 0.00 | 83.37 | 93.78 | 3 673.55 | 0.00 | 99.81 | 78.04 | 3 666.54 | 16 499.42 |
| | | 0.00 | 0.81 | 11.88 | 66.45 | 11.88 | 0.00 | 87.93 | 95.29 | 6 488.01 | 0.00 | 99.35 | 83.24 | 6 445.59 | 125 689.09 |
| 7 | 12.32 | 5.00 | 0.19 | 7.32 | 66.71 | 7.32 | 0.00 | 83.82 | 93.84 | 3 765.61 | 0.00 | 99.79 | 78.50 | 3 757.85 | 16 910.32 |
| | | 0.00 | 0.81 | 12.02 | 66.43 | 12.02 | 0.00 | 87.91 | 95.30 | 6 560.73 | 0.00 | 99.34 | 83.23 | 6 517.35 | 127 088.37 |
| 8 | 12.44 | 5.00 | 0.19 | 7.44 | 66.70 | 7.44 | 0.00 | 84.22 | 93.89 | 3 848.15 | 0.00 | 99.78 | 78.90 | 3 839.69 | 17 278.62 |
| | | 0.00 | 0.81 | 12.14 | 66.42 | 12.14 | 0.00 | 87.91 | 95.31 | 6 626.39 | 0.00 | 99.33 | 83.23 | 6 582.14 | 128 351.73 |
| 9 | 11.71 | 5.00 | 0.19 | 6.71 | 66.75 | 6.71 | 0.00 | 81.71 | 93.58 | 3 358.29 | 0.00 | 99.86 | 76.36 | 3 353.63 | 15 091.34 |
| | | 0.00 | 0.81 | 11.41 | 66.49 | 11.41 | 0.00 | 88.02 | 95.25 | 6 238.01 | 0.00 | 99.39 | 83.32 | 6 199.65 | 120 893.22 |
| 10 | 10.72 | 5.00 | 0.19 | 5.72 | 66.80 | 5.72 | 0.00 | 77.92 | 92.77 | 2 709.67 | 0.00 | 99.97 | 72.27 | 2 708.82 | 12 189.69 |
| | | 0.00 | 0.81 | 10.42 | 66.58 | 10.42 | 0.00 | 88.53 | 95.06 | 5 727.06 | 0.00 | 99.47 | 83.71 | 5 696.69 | 111 085.37 |
| 11 | 9.69 | 5.00 | 0.19 | 4.69 | 66.97 | 4.69 | 0.00 | 72.69 | 91.01 | 2 036.24 | 0.00 | 99.99 | 66.15 | 2 036.08 | 9 162.34 |
| | | 0.00 | 0.81 | 9.39 | 66.77 | 9.39 | 0.00 | 88.39 | 94.70 | 5 146.13 | 0.00 | 99.57 | 83.35 | 5 123.77 | 99 913.55 |
| 12 | 8.82 | 5.00 | 0.19 | 3.82 | 67.02 | 3.82 | 0.00 | 65.70 | 89.50 | 1 476.16 | 0.00 | 99.99 | 58.79 | 1 476.08 | 6 642.34 |
| | | 0.00 | 0.81 | 8.52 | 66.84 | 8.52 | 0.00 | 87.11 | 94.36 | 4 591.64 | 0.00 | 99.66 | 81.92 | 4 575.91 | 89 230.24 |
| 13 | 8.18 | 5.00 | 0.19 | 3.18 | 67.05 | 3.18 | 0.00 | 57.84 | 88.36 | 1 069.16 | 0.00 | 100.00 | 51.11 | 1 069.12 | 4 811.04 |
| | | 0.00 | 0.81 | 7.88 | 66.90 | 7.88 | 0.00 | 85.63 | 94.09 | 4 166.46 | 0.00 | 99.73 | 80.35 | 4 155.11 | 81 024.74 |
| 14 | 7.66 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.36 | 66.94 | 7.36 | 0.00 | 83.91 | 93.87 | 3 808.50 | 0.00 | 99.79 | 78.60 | 3 800.38 | 74 107.40 |
| 15 | 7.15 | 5.00 | 0.19 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.85 | 66.98 | 6.85 | 0.00 | 82.15 | 93.65 | 3 460.63 | 0.00 | 99.84 | 76.81 | 3 455.25 | 67 377.35 |
| 16 | 6.67 | 5.00 | 0.19 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.37 | 67.01 | 6.37 | 0.00 | 80.42 | 93.45 | 3 149.54 | 0.00 | 99.90 | 75.08 | 3 146.26 | 61 352.11 |
| 17 | 6.28 | 5.00 | 0.19 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.98 | 67.04 | 5.98 | 0.00 | 78.92 | 93.24 | 2 893.74 | 0.00 | 99.94 | 73.54 | 2 891.95 | 56 393.04 |
| 18 | 6.46 | 5.00 | 0.19 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.16 | 67.03 | 6.16 | 0.00 | 79.62 | 93.36 | 3 011.60 | 0.00 | 99.92 | 74.27 | 3 009.15 | 58 678.35 |
| 19 | 7.10 | 5.00 | 0.19 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.80 | 66.98 | 6.80 | 0.00 | 81.99 | 93.63 | 3 430.12 | 0.00 | 99.85 | 76.65 | 3 424.96 | 66 786.71 |
| 20 | 6.84 | 5.00 | 0.19 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.54 | 67.00 | 6.54 | 0.00 | 81.05 | 93.52 | 3 259.24 | 0.00 | 99.88 | 75.71 | 3 255.25 | 63 477.39 |
| 21 | 6.37 | 5.00 | 0.19 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.07 | 67.03 | 6.07 | 0.00 | 79.27 | 93.32 | 2 953.19 | 0.00 | 99.93 | 73.92 | 2 951.07 | 57 545.94 |
| 22 | 6.11 | 5.00 | 0.19 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.81 | 67.05 | 5.81 | 0.00 | 78.25 | 92.96 | 2 780.81 | 0.00 | 99.96 | 72.71 | 2 779.60 | 54 202.29 |
| 23 | 7.36 | 5.00 | 0.19 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.06 | 66.96 | 7.06 | 0.00 | 82.91 | 93.74 | 3 603.60 | 0.00 | 99.82 | 77.58 | 3 597.14 | 70 144.30 |
| 24 | 8.32 | 5.00 | 0.19 | 3.32 | 67.05 | 3.32 | 0.00 | 59.62 | 88.60 | 1 152.39 | 0.00 | 100.00 | 52.82 | 1 152.34 | 5 185.51 |
| | | 0.00 | 0.81 | 8.02 | 66.89 | 8.02 | 0.00 | 86.06 | 94.15 | 4 262.22 | 0.00 | 99.71 | 80.79 | 4 249.94 | 82 873.74 |
| 25 | 15.51 | 5.00 | 0.19 | 10.51 | 66.46 | 10.51 | 0.00 | 88.47 | 95.09 | 5 763.86 | 0.00 | 99.46 | 83.67 | 5 732.94 | 25 798.22 |
| | | 0.00 | 0.81 | 15.21 | 66.10 | 15.21 | 0.00 | 88.06 | 95.59 | 8 301.39 | 0.00 | 99.16 | 83.47 | 8 231.94 | 160 522.89 |
| 26 | 21.29 | 5.00 | 0.19 | 16.29 | 65.87 | 16.29 | 0.00 | 88.52 | 95.69 | 8 915.05 | 0.00 | 99.10 | 83.95 | 8 834.96 | 39 757.31 |
| | | 0.00 | 0.81 | 20.99 | 65.34 | 20.99 | 0.00 | 90.07 | 95.79 | 11 606.24 | 0.00 | 98.83 | 85.26 | 11 470.49 | 223 674.63 |
| 27 | 21.29 | 5.00 | 0.19 | 16.29 | 65.87 | 16.29 | 0.00 | 88.52 | 95.69 | 8 915.05 | 0.00 | 99.10 | 83.95 | 8 834.96 | 39 757.31 |
| | | 0.00 | 0.81 | 20.99 | 65.34 | 20.99 | 0.00 | 90.07 | 95.79 | 11 606.24 | 0.00 | 98.83 | 85.26 | 11 470.49 | 223 674.63 |
| 28 | 44.40 | 5.00 | 0.19 | 39.40 | 65.10 | 19.70 | 19.70 | 90.14 | 95.76 | 10 859.65 | 10 859.65 | 97.69 | 84.32 | 21 217.31 | 95 477.91 |
| | | 0.00 | 0.81 | 44.00 | 64.81 | 22.00 | 22.00 | 89.44 | 95.80 | 11 985.08 | 11 985.08 | 97.40 | 83.46 | 23 347.57 | 455 277.60 |
| 29 | 51.24 | 5.00 | 0.19 | 44.00 | 64.71 | 22.00 | 22.00 | 89.46 | 95.80 | 11 968.79 | 11 968.79 | 97.41 | 83.48 | 23 316.83 | 104 925.73 |
| | | 0.00 | 0.81 | 44.00 | 64.71 | 22.00 | 22.00 | 89.46 | 95.80 | 11 968.79 | 11 968.79 | 97.41 | 83.48 | 23 316.83 | 454 678.18 |
| 30 | 37.25 | 5.00 | 0.19 | 32.25 | 65.61 | 16.13 | 16.13 | 88.46 | 95.67 | 8 783.21 | 8 783.21 | 98.19 | 83.10 | 17 247.83 | 77 615.23 |
| | | 0.00 | 0.81 | 36.95 | 65.36 | 18.48 | 18.48 | 90.17 | 95.74 | 10 227.34 | 10 227.34 | 97.85 | 84.48 | 20 014.82 | 390 288.91 |
| 31 | 31.47 | 5.00 | 0.19 | 26.47 | 65.96 | 13.24 | 13.24 | 87.93 | 95.40 | 7 184.53 | 7 184.53 | 98.54 | 82.66 | 14 159.02 | 63 715.61 |
| | | 0.00 | 0.81 | 31.17 | 65.75 | 15.59 | 15.59 | 88.22 | 95.62 | 8 480.53 | 8 480.53 | 98.25 | 82.88 | 16 664.74 | 324 962.37 |

* Débit esthétique voir explication

5 127 381

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

SEPTEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 34.51 | 5.00 | 0.19 | 29.51 | 65.78 | 14.76 | 14.76 | 88.02 | 95.54 | 8 007.71 | 8 007.71 | 98.36 | 82.71 | 15 752.30 | 70 885.34 |
| | | 0.00 | 0.81 | 34.21 | 65.55 | 17.11 | 17.11 | 89.15 | 95.71 | 9 386.82 | 9 386.82 | 98.05 | 83.67 | 18 408.21 | 358 960.05 |
| 2 | 42.12 | 5.00 | 0.19 | 37.12 | 65.27 | 18.56 | 18.56 | 90.21 | 95.74 | 10 263.23 | 10 263.23 | 97.84 | 84.50 | 20 083.17 | 90 374.27 |
| | | 0.00 | 0.81 | 41.82 | 64.99 | 20.91 | 20.91 | 90.09 | 95.78 | 11 503.46 | 11 503.46 | 97.53 | 84.16 | 22 437.51 | 437 531.53 |
| 3 | 36.04 | 5.00 | 0.19 | 31.04 | 65.68 | 15.52 | 15.52 | 88.20 | 95.61 | 8 432.15 | 8 432.15 | 98.26 | 82.87 | 16 571.47 | 74 571.63 |
| | | 0.00 | 0.81 | 35.74 | 65.45 | 17.87 | 17.87 | 89.87 | 95.73 | 9 869.79 | 9 869.79 | 97.94 | 84.27 | 19 333.04 | 376 994.24 |
| 4 | 28.58 | 5.00 | 0.19 | 23.58 | 66.12 | 11.79 | 11.79 | 88.00 | 95.28 | 6 412.92 | 6 412.92 | 98.71 | 82.76 | 12 660.06 | 56 970.28 |
| | | 0.00 | 0.81 | 28.28 | 65.93 | 14.14 | 14.14 | 88.00 | 95.49 | 7 686.40 | 7 686.40 | 98.43 | 82.71 | 15 131.10 | 295 056.46 |
| 5 | 24.18 | 5.00 | 0.19 | 19.18 | 65.51 | 19.18 | 0.00 | 90.31 | 95.76 | 10 657.22 | 0.00 | 98.93 | 85.55 | 10 542.76 | 47 442.41 |
| | | 0.00 | 0.81 | 23.88 | 66.19 | 11.94 | 11.94 | 87.97 | 95.29 | 6 497.69 | 6 497.69 | 98.69 | 82.73 | 12 825.08 | 250 089.06 |
| 6 | 20.98 | 5.00 | 0.19 | 15.98 | 65.91 | 15.98 | 0.00 | 88.31 | 95.66 | 8 729.79 | 0.00 | 99.12 | 83.74 | 8 652.99 | 38 938.44 |
| | | 0.00 | 0.81 | 20.68 | 65.39 | 20.68 | 0.00 | 90.08 | 95.78 | 11 446.73 | 0.00 | 98.85 | 85.28 | 11 314.69 | 220 636.36 |
| 7 | 18.40 | 5.00 | 0.19 | 13.40 | 66.19 | 13.40 | 0.00 | 87.92 | 95.42 | 7 298.64 | 0.00 | 99.26 | 83.28 | 7 244.95 | 32 602.29 |
| | | 0.00 | 0.81 | 18.10 | 65.74 | 18.10 | 0.00 | 90.03 | 95.74 | 10 060.63 | 0.00 | 98.99 | 85.32 | 9 958.63 | 194 193.22 |
| 8 | 16.57 | 5.00 | 0.19 | 11.57 | 66.37 | 11.57 | 0.00 | 88.00 | 95.26 | 6 316.56 | 0.00 | 99.37 | 83.30 | 6 276.90 | 28 246.05 |
| | | 0.00 | 0.81 | 16.27 | 65.97 | 16.27 | 0.00 | 88.50 | 95.69 | 8 918.85 | 0.00 | 99.10 | 83.92 | 8 838.69 | 172 354.45 |
| 9 | 14.95 | 5.00 | 0.19 | 9.95 | 66.51 | 9.95 | 0.00 | 88.81 | 94.90 | 5 469.77 | 0.00 | 99.51 | 83.87 | 5 443.09 | 24 493.89 |
| | | 0.00 | 0.81 | 14.65 | 66.16 | 14.65 | 0.00 | 87.99 | 95.54 | 7 991.66 | 0.00 | 99.19 | 83.39 | 7 927.30 | 154 582.31 |
| 10 | 13.52 | 5.00 | 0.19 | 8.52 | 66.62 | 8.52 | 0.00 | 87.14 | 94.35 | 4 576.51 | 0.00 | 99.66 | 81.94 | 4 560.94 | 20 524.24 |
| | | 0.00 | 0.81 | 13.22 | 66.31 | 13.22 | 0.00 | 87.89 | 95.41 | 7 210.05 | 0.00 | 99.27 | 83.25 | 7 157.66 | 139 574.35 |
| 11 | 12.27 | 5.00 | 0.19 | 7.27 | 66.71 | 7.27 | 0.00 | 83.67 | 93.82 | 3 734.83 | 0.00 | 99.80 | 78.34 | 3 727.32 | 16 772.95 |
| | | 0.00 | 0.81 | 11.97 | 66.44 | 11.97 | 0.00 | 87.92 | 95.30 | 6 536.39 | 0.00 | 99.34 | 83.23 | 6 493.33 | 126 619.99 |
| 12 | 11.59 | 5.00 | 0.19 | 6.59 | 66.75 | 6.59 | 0.00 | 81.26 | 93.53 | 3 277.99 | 0.00 | 99.87 | 75.91 | 3 273.87 | 14 732.43 |
| | | 0.00 | 0.81 | 11.29 | 66.50 | 11.29 | 0.00 | 88.04 | 95.24 | 6 173.47 | 0.00 | 99.40 | 83.34 | 6 136.16 | 119 655.21 |
| 13 | 11.19 | 5.00 | 0.19 | 6.19 | 66.78 | 6.19 | 0.00 | 79.78 | 93.37 | 3 020.89 | 0.00 | 99.92 | 74.43 | 3 018.39 | 13 582.74 |
| | | 0.00 | 0.81 | 10.89 | 66.54 | 10.89 | 0.00 | 88.18 | 95.20 | 5 967.64 | 0.00 | 99.43 | 83.47 | 5 933.61 | 115 705.36 |
| 14 | 12.18 | 5.00 | 0.19 | 7.18 | 66.72 | 7.18 | 0.00 | 83.37 | 93.78 | 3 673.55 | 0.00 | 99.81 | 78.04 | 3 666.54 | 16 499.42 |
| | | 0.00 | 0.81 | 11.88 | 66.45 | 11.88 | 0.00 | 87.93 | 95.29 | 6 488.01 | 0.00 | 99.35 | 83.24 | 6 445.59 | 125 689.09 |
| 15 | 12.62 | 5.00 | 0.19 | 7.62 | 66.69 | 7.62 | 0.00 | 84.82 | 93.97 | 3 973.21 | 0.00 | 99.76 | 79.51 | 3 963.66 | 17 836.48 |
| | | 0.00 | 0.81 | 12.32 | 66.40 | 12.32 | 0.00 | 87.90 | 95.33 | 6 724.80 | 0.00 | 99.32 | 83.23 | 6 679.22 | 130 244.82 |
| 16 | 13.99 | 0.00 | 0.00 | 0.00 | 66.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.69 | 66.27 | 13.69 | 0.00 | 87.94 | 95.45 | 7 469.46 | 0.00 | 99.25 | 83.31 | 7 413.23 | 177 917.63 |
| 17 | 17.18 | 0.00 | 0.00 | 0.00 | 66.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.88 | 65.90 | 16.88 | 0.00 | 88.93 | 95.71 | 9 288.80 | 0.00 | 99.06 | 84.32 | 9 201.85 | 220 844.32 |
| 18 | 23.72 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.42 | 66.21 | 11.71 | 11.71 | 88.00 | 95.27 | 6 376.61 | 6 376.61 | 98.71 | 82.76 | 12 589.32 | 302 143.78 |
| 19 | 25.54 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.24 | 66.11 | 12.62 | 12.62 | 87.92 | 95.35 | 6 862.76 | 6 862.76 | 98.61 | 82.67 | 13 534.61 | 324 830.73 |
| 20 | 23.42 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 23.12 | 66.23 | 11.56 | 11.56 | 88.02 | 95.26 | 6 295.90 | 6 295.90 | 98.73 | 82.78 | 12 432.03 | 298 368.65 |
| 21 | 24.94 | 0.00 | 0.00 | 0.00 | 66.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.64 | 66.15 | 12.32 | 12.32 | 87.94 | 95.32 | 6 700.62 | 6 700.62 | 98.64 | 82.70 | 13 219.63 | 317 271.04 |
| 22 | 28.43 | 0.00 | 0.00 | 0.00 | 66.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 28.13 | 65.94 | 14.07 | 14.07 | 88.00 | 95.48 | 7 645.57 | 7 645.57 | 98.44 | 82.71 | 15 052.10 | 361 250.38 |
| 23 | 32.69 | 0.00 | 0.00 | 0.00 | 66.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 32.39 | 65.67 | 16.20 | 16.20 | 88.50 | 95.68 | 8 834.26 | 8 834.26 | 98.18 | 83.12 | 17 346.09 | 416 306.18 |
| 24 | 30.41 | 0.00 | 0.00 | 0.00 | 66.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 30.11 | 65.82 | 15.05 | 15.05 | 88.04 | 95.57 | 8 178.30 | 8 178.30 | 98.32 | 82.72 | 16 081.72 | 385 961.40 |
| 25 | 25.70 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.40 | 66.10 | 12.70 | 12.70 | 87.92 | 95.36 | 6 903.23 | 6 903.23 | 98.60 | 82.66 | 13 613.21 | 326 717.01 |
| 26 | 23.26 | 0.00 | 0.00 | 0.00 | 66.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.96 | 66.24 | 11.48 | 11.48 | 88.03 | 95.25 | 6 255.55 | 6 255.55 | 98.74 | 82.79 | 12 353.36 | 296 480.67 |
| 27 | 34.97 | 0.00 | 0.00 | 0.00 | 66.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 34.67 | 65.52 | 17.34 | 17.34 | 89.37 | 95.72 | 9 531.38 | 9 531.38 | 98.02 | 83.85 | 18 685.62 | 448 454.92 |
| 28 | 42.12 | 0.00 | 0.00 | 0.00 | 66.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 41.82 | 64.99 | 20.91 | 20.91 | 90.09 | 95.78 | 11 503.46 | 11 503.46 | 97.53 | 84.16 | 22 437.51 | 538 500.34 |
| 29 | 37.25 | 0.00 | 0.00 | 0.00 | 66.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.95 | 65.36 | 18.48 | 18.48 | 90.17 | 95.74 | 10 227.34 | 10 227.34 | 97.85 | 84.48 | 20 014.82 | 480 355.58 |
| 30 | 46.53 | 0.00 | 0.00 | 0.00 | 66.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.78 | 22.00 | 22.00 | 89.44 | 95.80 | 11 979.98 | 11 979.98 | 97.40 | 83.46 | 23 337.93 | 560 110.43 |

* Débit esthétique voir explication

9 237 872

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

OCTOBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débites Rivière | Débit * Esthétique | Proportion du temps | Débites Turbinés | Hauteur Chute nette | Débites I Turbinés | Débites II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|-----------------|--------------------|---------------------|------------------|---------------------|--------------------|---------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 98.22 | 0.00 | 0.00 | 0.00 | 65.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.10 | 22.00 | 22.00 | 89.58 | 95.80 | 11 870.91 | 11 870.91 | 97.43 | 83.61 | 23 132.04 | 555 169.02 |
| 2 | 79.22 | 0.00 | 0.00 | 0.00 | 65.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.33 | 22.00 | 22.00 | 89.53 | 95.80 | 11 908.06 | 11 908.06 | 97.42 | 83.56 | 23 202.19 | 556 852.65 |
| 3 | 83.47 | 0.00 | 0.00 | 0.00 | 65.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.28 | 22.00 | 22.00 | 89.54 | 95.80 | 11 899.56 | 11 899.56 | 97.42 | 83.57 | 23 186.14 | 556 467.36 |
| 4 | 130.91 | 0.00 | 0.00 | 0.00 | 65.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.73 | 22.00 | 22.00 | 89.52 | 95.79 | 11 793.96 | 11 793.96 | 97.45 | 83.57 | 22 986.72 | 551 681.17 |
| 5 | 109.32 | 0.00 | 0.00 | 0.00 | 65.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.97 | 22.00 | 22.00 | 89.59 | 95.80 | 11 848.01 | 11 848.01 | 97.44 | 83.62 | 23 088.80 | 554 131.13 |
| 6 | 87.43 | 0.00 | 0.00 | 0.00 | 65.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.23 | 22.00 | 22.00 | 89.55 | 95.80 | 11 891.72 | 11 891.72 | 97.43 | 83.58 | 23 171.34 | 556 112.27 |
| 7 | 72.37 | 0.00 | 0.00 | 0.00 | 65.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.42 | 22.00 | 22.00 | 89.52 | 95.80 | 11 922.19 | 11 922.19 | 97.42 | 83.54 | 23 228.87 | 557 492.99 |
| 8 | 59.45 | 0.00 | 0.00 | 0.00 | 66.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.59 | 22.00 | 22.00 | 89.48 | 95.80 | 11 950.01 | 11 950.01 | 97.41 | 83.50 | 23 281.37 | 558 752.98 |
| 9 | 49.87 | 0.00 | 0.00 | 0.00 | 66.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.73 | 22.00 | 22.00 | 89.45 | 95.80 | 11 971.94 | 11 971.94 | 97.41 | 83.47 | 23 322.77 | 559 746.39 |
| 10 | 41.96 | 0.00 | 0.00 | 0.00 | 66.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 41.66 | 65.00 | 20.83 | 20.83 | 90.08 | 95.78 | 11 462.47 | 11 462.47 | 97.54 | 84.16 | 22 359.97 | 536 639.18 |
| 11 | 36.49 | 0.00 | 0.00 | 0.00 | 66.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.19 | 65.41 | 18.10 | 18.10 | 90.03 | 95.73 | 10 009.06 | 10 009.06 | 97.91 | 84.39 | 19 598.75 | 470 370.02 |
| 12 | 31.93 | 0.00 | 0.00 | 0.00 | 66.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 31.63 | 65.72 | 15.81 | 15.81 | 88.29 | 95.64 | 8 610.48 | 8 610.48 | 98.22 | 82.95 | 16 915.17 | 405 964.07 |
| 13 | 28.74 | 0.00 | 0.00 | 0.00 | 66.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 28.44 | 65.92 | 14.22 | 14.22 | 88.00 | 95.49 | 7 727.23 | 7 727.23 | 98.42 | 82.71 | 15 210.09 | 365 042.24 |
| 14 | 25.85 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.55 | 66.09 | 12.77 | 12.77 | 87.91 | 95.36 | 6 943.69 | 6 943.69 | 98.59 | 82.66 | 13 691.74 | 328 601.81 |
| 15 | 24.63 | 0.00 | 0.00 | 0.00 | 66.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.33 | 66.16 | 12.17 | 12.17 | 87.95 | 95.31 | 6 619.41 | 6 619.41 | 98.66 | 82.71 | 13 061.78 | 313 482.65 |
| 16 | 25.54 | 0.00 | 0.00 | 0.00 | 66.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 25.24 | 66.11 | 12.62 | 12.62 | 87.92 | 95.35 | 6 862.76 | 6 862.76 | 98.61 | 82.67 | 13 534.61 | 324 830.73 |
| 17 | 25.24 | 0.00 | 0.00 | 0.00 | 66.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.94 | 66.13 | 12.47 | 12.47 | 87.93 | 95.34 | 6 781.74 | 6 781.74 | 98.63 | 82.68 | 13 377.24 | 321 053.77 |
| 18 | 24.33 | 0.00 | 0.00 | 0.00 | 66.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.03 | 66.18 | 12.01 | 12.01 | 87.96 | 95.30 | 6 538.11 | 6 538.11 | 98.68 | 82.72 | 12 903.70 | 309 688.71 |
| 19 | 23.11 | 0.00 | 0.00 | 0.00 | 66.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.81 | 66.25 | 11.41 | 11.41 | 88.04 | 95.24 | 6 215.20 | 6 215.20 | 98.75 | 82.80 | 12 274.68 | 294 592.38 |
| 20 | 20.68 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.38 | 65.43 | 20.38 | 0.00 | 90.10 | 95.78 | 11 288.20 | 0.00 | 98.86 | 85.32 | 11 159.78 | 267 834.81 |
| 21 | 17.94 | 0.00 | 0.00 | 0.00 | 66.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.64 | 65.80 | 17.64 | 0.00 | 89.65 | 95.73 | 9 773.14 | 0.00 | 99.02 | 84.97 | 9 676.88 | 232 245.24 |
| 22 | 17.64 | 0.00 | 0.00 | 0.00 | 66.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.34 | 65.84 | 17.34 | 0.00 | 89.35 | 95.72 | 9 577.46 | 0.00 | 99.03 | 84.70 | 9 485.02 | 227 640.43 |
| 23 | 19.16 | 0.00 | 0.00 | 0.00 | 66.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.86 | 65.64 | 18.86 | 0.00 | 90.29 | 95.75 | 10 498.43 | 0.00 | 98.94 | 85.54 | 10 387.36 | 249 296.55 |
| 24 | 18.55 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.25 | 65.72 | 18.25 | 0.00 | 90.08 | 95.74 | 10 148.00 | 0.00 | 98.98 | 85.36 | 10 044.22 | 241 061.25 |
| 25 | 17.18 | 0.00 | 0.00 | 0.00 | 66.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.88 | 65.90 | 16.88 | 0.00 | 88.93 | 95.71 | 9 288.80 | 0.00 | 99.06 | 84.32 | 9 201.85 | 220 844.32 |
| 26 | 16.57 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.27 | 65.97 | 16.27 | 0.00 | 88.50 | 95.69 | 8 918.85 | 0.00 | 99.10 | 83.92 | 8 838.69 | 212 128.55 |
| 27 | 15.20 | 0.00 | 0.00 | 0.00 | 66.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.90 | 66.13 | 14.90 | 0.00 | 88.00 | 95.56 | 8 131.54 | 0.00 | 99.18 | 83.40 | 8 064.90 | 193 557.69 |
| 28 | 17.33 | 0.00 | 0.00 | 0.00 | 66.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.03 | 65.88 | 17.03 | 0.00 | 89.04 | 95.71 | 9 382.37 | 0.00 | 99.05 | 84.42 | 9 293.66 | 223 047.90 |
| 29 | 15.81 | 0.00 | 0.00 | 0.00 | 66.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.51 | 66.06 | 15.51 | 0.00 | 88.15 | 95.62 | 8 474.07 | 0.00 | 99.15 | 83.57 | 8 401.71 | 201 640.92 |
| 30 | 14.43 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.13 | 66.22 | 14.13 | 0.00 | 87.98 | 95.49 | 7 711.24 | 0.00 | 99.22 | 83.36 | 7 651.32 | 183 631.63 |
| 31 | 12.83 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.53 | 66.38 | 12.53 | 0.00 | 87.89 | 95.35 | 6 839.47 | 0.00 | 99.31 | 83.22 | 6 792.33 | 163 015.84 |

* Débit esthétique voir explication

11 292 617

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

NOVEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1974

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 16.12 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.82 | 66.03 | 15.82 | 0.00 | 88.24 | 95.65 | 8 647.15 | 0.00 | 99.13 | 83.67 | 8 571.80 | 205 723.20 |
| 2 | 18.25 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.95 | 65.76 | 17.95 | 0.00 | 89.95 | 95.73 | 9 969.40 | 0.00 | 99.00 | 85.24 | 9 869.24 | 236 861.72 |
| 3 | 17.64 | 0.00 | 0.00 | 0.00 | 66.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.34 | 65.84 | 17.34 | 0.00 | 89.35 | 95.72 | 9 577.46 | 0.00 | 99.03 | 84.70 | 9 485.02 | 227 640.43 |
| 4 | 16.73 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.43 | 65.96 | 16.43 | 0.00 | 88.60 | 95.70 | 9 011.70 | 0.00 | 99.09 | 84.03 | 8 929.86 | 214 316.72 |
| 5 | 16.27 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.97 | 66.01 | 15.97 | 0.00 | 88.29 | 95.66 | 8 733.85 | 0.00 | 99.12 | 83.72 | 8 656.98 | 207 767.43 |
| 6 | 15.07 | 0.00 | 0.00 | 0.00 | 66.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.77 | 66.15 | 14.77 | 0.00 | 88.00 | 95.55 | 8 057.51 | 0.00 | 99.19 | 83.40 | 7 992.09 | 191 810.08 |
| 7 | 14.20 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.90 | 66.24 | 13.90 | 0.00 | 87.97 | 95.47 | 7 586.62 | 0.00 | 99.24 | 83.34 | 7 528.61 | 180 686.71 |
| 8 | 13.26 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.96 | 66.34 | 12.96 | 0.00 | 87.87 | 95.39 | 7 068.36 | 0.00 | 99.29 | 83.22 | 7 018.01 | 168 432.16 |
| 9 | 12.36 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.06 | 66.43 | 12.06 | 0.00 | 87.91 | 95.31 | 6 585.36 | 0.00 | 99.34 | 83.23 | 6 541.65 | 156 999.69 |
| 10 | 12.06 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.76 | 66.46 | 11.76 | 0.00 | 87.96 | 95.28 | 6 423.51 | 0.00 | 99.35 | 83.26 | 6 382.04 | 153 168.95 |
| 11 | 12.01 | 0.00 | 0.00 | 0.00 | 66.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.71 | 66.46 | 11.71 | 0.00 | 87.96 | 95.27 | 6 399.32 | 0.00 | 99.36 | 83.27 | 6 358.26 | 152 598.26 |
| 12 | 10.67 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.37 | 66.58 | 10.37 | 0.00 | 88.56 | 95.05 | 5 703.62 | 0.00 | 99.47 | 83.74 | 5 673.59 | 136 166.16 |
| 13 | 10.63 | 0.00 | 0.00 | 0.00 | 66.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.33 | 66.58 | 10.33 | 0.00 | 88.60 | 95.03 | 5 680.16 | 0.00 | 99.48 | 83.76 | 5 650.47 | 135 611.37 |
| 14 | 16.27 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.97 | 66.01 | 15.97 | 0.00 | 88.29 | 95.66 | 8 733.85 | 0.00 | 99.12 | 83.72 | 8 656.98 | 207 767.43 |
| 15 | 22.35 | 0.00 | 0.00 | 0.00 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.05 | 66.29 | 11.03 | 11.03 | 88.10 | 95.21 | 6 013.42 | 6 013.42 | 98.79 | 82.86 | 11 881.07 | 285 145.77 |
| 16 | 30.71 | 0.00 | 0.00 | 0.00 | 66.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 30.41 | 65.80 | 15.21 | 15.21 | 88.09 | 95.58 | 8 264.51 | 8 264.51 | 98.30 | 82.76 | 16 248.11 | 389 954.75 |
| 17 | 29.50 | 0.00 | 0.00 | 0.00 | 66.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 29.20 | 65.88 | 14.60 | 14.60 | 88.01 | 95.53 | 7 931.44 | 7 931.44 | 98.37 | 82.71 | 15 604.93 | 374 518.43 |
| 18 | 27.37 | 0.00 | 0.00 | 0.00 | 66.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.07 | 66.01 | 13.53 | 13.53 | 87.95 | 95.43 | 7 355.81 | 7 355.81 | 98.50 | 82.68 | 14 491.03 | 347 784.75 |
| 19 | 20.68 | 0.00 | 0.00 | 0.00 | 66.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.38 | 65.43 | 20.38 | 0.00 | 90.10 | 95.78 | 11 288.20 | 0.00 | 98.86 | 85.32 | 11 159.78 | 267 834.81 |
| 20 | 19.77 | 0.00 | 0.00 | 0.00 | 66.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.47 | 65.56 | 19.47 | 0.00 | 90.26 | 95.76 | 10 821.27 | 0.00 | 98.91 | 85.49 | 10 703.26 | 256 878.25 |
| 21 | 18.09 | 0.00 | 0.00 | 0.00 | 66.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.79 | 65.78 | 17.79 | 0.00 | 89.80 | 95.73 | 9 871.20 | 0.00 | 99.01 | 85.11 | 9 773.00 | 234 552.06 |
| 22 | 16.73 | 0.00 | 0.00 | 0.00 | 66.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 16.43 | 65.96 | 16.43 | 0.00 | 88.60 | 95.70 | 9 011.70 | 0.00 | 99.09 | 84.03 | 8 929.86 | 214 316.72 |
| 23 | 16.12 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.82 | 66.03 | 15.82 | 0.00 | 88.24 | 95.65 | 8 647.15 | 0.00 | 99.13 | 83.67 | 8 571.80 | 205 723.20 |
| 24 | 14.51 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.21 | 66.21 | 14.21 | 0.00 | 87.98 | 95.50 | 7 752.53 | 0.00 | 99.22 | 83.37 | 7 691.96 | 184 607.15 |
| 25 | 13.56 | 0.00 | 0.00 | 0.00 | 66.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.26 | 66.31 | 13.26 | 0.00 | 87.90 | 95.41 | 7 235.15 | 0.00 | 99.27 | 83.25 | 7 182.40 | 172 377.54 |
| 26 | 13.35 | 0.00 | 0.00 | 0.00 | 66.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.05 | 66.33 | 13.05 | 0.00 | 87.87 | 95.39 | 7 118.00 | 0.00 | 99.28 | 83.22 | 7 066.94 | 169 606.60 |
| 27 | 12.92 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.62 | 66.37 | 12.62 | 0.00 | 87.89 | 95.36 | 6 888.57 | 0.00 | 99.31 | 83.22 | 6 840.75 | 164 177.94 |
| 28 | 12.48 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.18 | 66.42 | 12.18 | 0.00 | 87.91 | 95.32 | 6 651.00 | 0.00 | 99.33 | 83.23 | 6 606.42 | 158 554.13 |
| 29 | 11.59 | 0.00 | 0.00 | 0.00 | 66.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.29 | 66.50 | 11.29 | 0.00 | 88.04 | 95.24 | 6 173.47 | 0.00 | 99.40 | 83.34 | 6 136.16 | 147 267.96 |
| 30 | 10.51 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.21 | 66.59 | 10.21 | 0.00 | 88.69 | 95.00 | 5 617.51 | 0.00 | 99.49 | 83.82 | 5 588.73 | 134 129.53 |

* Débit esthétique voir explication

6 282 980

Productibilité de la rivière SHELDRAKE

Courbe du saut, bassin versant 1040 km²

ANNÉE 1950

ANNÉE SÈCHE

D'après les données de la rivière Au Tonnerre, stations 073301 & 073303

Hauteur de chute brute 67.0 m

Deux turbines DOUBLE FRANCIS 22,0 m³/s,

débit écologique 0,1 m³/s

débit de la passe à poissons 0,2 m³/s de mai à novembre

débit esthétique de 5 m³/s du 15 juin au 15 septembre

| Puissance 25 000 kW | | |
|----------------------------|-----------------------|-------------------------------|
| Mois | Production kWh | Production retenue kWh |
| Décembre | 1 905 051 | 1 828 849 |
| Janvier | 555 963 | 533 724 |
| Février | 0 | 0 |
| Mars | 25 564 | 24 541 |
| Total Hiver | 2 486 578 | 2 387 115 |
| Avril | 6 374 170 | 6 119 203 |
| Mai | 17 092 272 | 16 408 581 |
| Juin | 11 538 445 | 11 076 907 |
| Juillet | 8 123 701 | 7 798 753 |
| Août | 3 460 555 | 3 322 133 |
| Septembre | 3 214 573 | 3 085 990 |
| Octobre | 4 532 420 | 4 351 124 |
| Novembre | 15 317 369 | 14 704 674 |
| Total Été | 69 653 505 | 66 867 365 |
| TOTAL | 72 140 083 | 69 254 479 |

Taux de disponibilité

96%

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

DÉCEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1949

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débites Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débites Turbinés m³/s | Hauteur Chute nette m | Débites I Turbinés m³/s | Débites II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|----------------------|-------------------------|---------------------|-----------------------|-----------------------|-------------------------|--------------------------|----------------|-----------------|------------------|-------------------|--------------|---------------|-------------------|-----------------------------|
| 1 | 9.99 | 0.00 | 0.00 | 0.00 | 67.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.89 | 66.73 | 9.89 | 0.00 | 88.75 | 94.89 | 5 452.10 | 0.00 | 99.52 | 83.81 | 5 425.66 | 130 215.76 |
| 2 | 9.99 | 0.00 | 0.00 | 0.00 | 67.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.89 | 66.73 | 9.89 | 0.00 | 88.75 | 94.89 | 5 452.10 | 0.00 | 99.52 | 83.81 | 5 425.66 | 130 215.76 |
| 3 | 9.73 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.63 | 66.75 | 9.63 | 0.00 | 88.57 | 94.80 | 5 295.09 | 0.00 | 99.54 | 83.57 | 5 270.78 | 126 498.77 |
| 4 | 8.91 | 0.00 | 0.00 | 0.00 | 67.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.81 | 66.83 | 8.81 | 0.00 | 87.72 | 94.48 | 4 786.69 | 0.00 | 99.63 | 82.57 | 4 768.74 | 114 449.86 |
| 5 | 8.32 | 0.00 | 0.00 | 0.00 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.22 | 66.88 | 8.22 | 0.00 | 86.48 | 94.23 | 4 393.02 | 0.00 | 99.69 | 81.24 | 4 379.41 | 105 105.89 |
| 6 | 7.66 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.56 | 66.93 | 7.56 | 0.00 | 84.58 | 93.95 | 3 945.87 | 0.00 | 99.76 | 79.27 | 3 936.56 | 94 477.39 |
| 7 | 7.28 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.18 | 66.96 | 7.18 | 0.00 | 83.32 | 93.79 | 3 686.92 | 0.00 | 99.81 | 77.99 | 3 679.80 | 88 315.21 |
| 8 | 6.72 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.62 | 67.00 | 6.62 | 0.00 | 81.33 | 93.55 | 3 310.96 | 0.00 | 99.87 | 75.99 | 3 306.62 | 79 358.97 |
| 9 | 6.54 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.44 | 67.01 | 6.44 | 0.00 | 80.66 | 93.48 | 3 191.24 | 0.00 | 99.89 | 75.32 | 3 187.70 | 76 504.76 |
| 10 | 6.33 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.23 | 67.03 | 6.23 | 0.00 | 79.86 | 93.39 | 3 052.59 | 0.00 | 99.91 | 74.51 | 3 049.90 | 73 197.52 |
| 11 | 6.11 | 0.00 | 0.00 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.01 | 67.04 | 6.01 | 0.00 | 79.05 | 93.30 | 2 916.27 | 0.00 | 99.93 | 73.70 | 2 914.36 | 69 944.56 |
| 12 | 6.20 | 0.00 | 0.00 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.10 | 67.04 | 6.10 | 0.00 | 79.39 | 93.34 | 2 974.41 | 0.00 | 99.92 | 74.05 | 2 972.17 | 71 332.05 |
| 13 | 5.73 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.63 | 67.07 | 5.63 | 0.00 | 77.53 | 92.65 | 2 661.78 | 0.00 | 99.98 | 71.81 | 2 661.16 | 63 867.77 |
| 14 | 4.91 | 0.00 | 0.00 | 0.00 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.81 | 67.12 | 4.81 | 0.00 | 73.49 | 91.25 | 2 124.34 | 0.00 | 99.99 | 67.05 | 2 124.16 | 50 979.95 |
| 15 | 4.56 | 0.00 | 0.00 | 0.00 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.46 | 67.14 | 4.46 | 0.00 | 71.21 | 90.64 | 1 896.80 | 0.00 | 99.99 | 64.54 | 1 896.66 | 45 519.91 |
| 16 | 4.23 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.13 | 67.16 | 4.13 | 0.00 | 68.74 | 90.06 | 1 683.32 | 0.00 | 99.99 | 61.90 | 1 683.21 | 40 397.02 |
| 17 | 4.44 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.34 | 67.15 | 4.34 | 0.00 | 70.31 | 90.43 | 1 817.68 | 0.00 | 99.99 | 63.58 | 1 817.56 | 43 621.34 |
| 18 | 4.61 | 0.00 | 0.00 | 0.00 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.51 | 67.14 | 4.51 | 0.00 | 71.54 | 90.72 | 1 926.71 | 0.00 | 99.99 | 64.90 | 1 926.57 | 46 237.70 |
| 19 | 4.91 | 0.00 | 0.00 | 0.00 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.81 | 67.12 | 4.81 | 0.00 | 73.49 | 91.25 | 2 124.34 | 0.00 | 99.99 | 67.05 | 2 124.16 | 50 979.95 |
| 20 | 5.12 | 0.00 | 0.00 | 0.00 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.02 | 67.11 | 5.02 | 0.00 | 74.81 | 91.62 | 2 267.02 | 0.00 | 99.99 | 68.54 | 2 266.83 | 54 403.80 |
| 21 | 4.35 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.25 | 67.16 | 4.25 | 0.00 | 69.64 | 90.27 | 1 759.46 | 0.00 | 99.99 | 62.86 | 1 759.34 | 42 224.27 |
| 22 | 3.88 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.78 | 67.18 | 3.78 | 0.00 | 65.22 | 89.43 | 1 451.85 | 0.00 | 99.99 | 58.32 | 1 451.77 | 34 842.53 |
| 23 | 3.79 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.69 | 67.19 | 3.69 | 0.00 | 64.16 | 89.26 | 1 391.30 | 0.00 | 99.99 | 57.27 | 1 391.22 | 33 389.38 |
| 24 | 3.66 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.56 | 67.19 | 3.56 | 0.00 | 62.75 | 89.04 | 1 312.72 | 0.00 | 99.99 | 55.87 | 1 312.65 | 31 503.65 |
| 25 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 26 | 3.57 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.47 | 67.20 | 3.47 | 0.00 | 61.65 | 88.88 | 1 254.59 | 0.00 | 100.00 | 54.79 | 1 254.53 | 30 108.69 |
| 27 | 3.54 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.44 | 67.20 | 3.44 | 0.00 | 61.25 | 88.83 | 1 234.90 | 0.00 | 100.00 | 54.41 | 1 234.84 | 29 636.12 |
| 28 | 3.56 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.46 | 67.20 | 3.46 | 0.00 | 61.45 | 88.86 | 1 244.72 | 0.00 | 100.00 | 54.60 | 1 244.66 | 29 871.90 |
| 29 | 3.53 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.43 | 67.20 | 3.43 | 0.00 | 61.06 | 88.80 | 1 225.11 | 0.00 | 100.00 | 54.22 | 1 225.06 | 29 401.35 |
| 30 | 3.50 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.40 | 67.20 | 3.40 | 0.00 | 60.66 | 88.75 | 1 205.67 | 0.00 | 100.00 | 53.83 | 1 205.62 | 28 934.84 |
| 31 | 3.48 | 0.00 | 0.00 | 0.00 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.38 | 67.20 | 3.38 | 0.00 | 60.46 | 88.72 | 1 196.02 | 0.00 | 100.00 | 53.64 | 1 195.96 | 28 703.10 |

* Débit esthétique voir explication

1 905 051

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JANVIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute brute | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 3.21 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.11 | 67.25 | 67.22 | 3.11 | 0.00 | 56.91 | 88.25 | 1 029.30 | 0.00 | 100.00 | 50.22 | 1 029.26 | 24 702.28 |
| 2 | 3.18 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.08 | 67.25 | 67.22 | 3.08 | 0.00 | 56.51 | 88.20 | 1 011.60 | 0.00 | 100.00 | 49.84 | 1 011.56 | 24 277.49 |
| 3 | 3.15 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.05 | 67.25 | 67.22 | 3.05 | 0.00 | 56.12 | 88.15 | 994.06 | 0.00 | 100.00 | 49.46 | 994.03 | 23 856.60 |
| 4 | 3.15 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.05 | 67.25 | 67.22 | 3.05 | 0.00 | 56.12 | 88.15 | 994.06 | 0.00 | 100.00 | 49.46 | 994.03 | 23 856.60 |
| 5 | 3.31 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.21 | 67.24 | 67.21 | 3.21 | 0.00 | 58.29 | 88.43 | 1 092.55 | 0.00 | 100.00 | 51.54 | 1 092.50 | 26 219.98 |
| 6 | 3.45 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.35 | 67.24 | 67.21 | 3.35 | 0.00 | 60.07 | 88.67 | 1 176.83 | 0.00 | 100.00 | 53.26 | 1 176.78 | 28 242.63 |
| 7 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.23 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 8 | 3.79 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.69 | 67.23 | 67.19 | 3.69 | 0.00 | 64.16 | 89.26 | 1 391.30 | 0.00 | 99.99 | 57.27 | 1 391.22 | 33 389.38 |
| 9 | 4.04 | 0.00 | 0.00 | 0.00 | 67.22 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.94 | 67.22 | 67.17 | 3.94 | 0.00 | 67.16 | 89.74 | 1 566.52 | 0.00 | 99.99 | 60.26 | 1 566.43 | 37 594.20 |
| 10 | 3.71 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.61 | 67.23 | 67.19 | 3.61 | 0.00 | 63.28 | 89.13 | 1 341.90 | 0.00 | 99.99 | 56.39 | 1 341.83 | 32 203.90 |
| 11 | 3.66 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.56 | 67.23 | 67.19 | 3.56 | 0.00 | 62.75 | 89.04 | 1 312.72 | 0.00 | 99.99 | 55.87 | 1 312.65 | 31 503.65 |
| 12 | 3.59 | 0.00 | 0.00 | 0.00 | 67.23 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.49 | 67.23 | 67.20 | 3.49 | 0.00 | 61.85 | 88.91 | 1 264.50 | 0.00 | 100.00 | 54.99 | 1 264.44 | 30 346.49 |
| 13 | 3.53 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.43 | 67.24 | 67.20 | 3.43 | 0.00 | 61.06 | 88.80 | 1 225.11 | 0.00 | 100.00 | 54.22 | 1 225.06 | 29 401.35 |
| 14 | 3.45 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.35 | 67.24 | 67.21 | 3.35 | 0.00 | 60.07 | 88.67 | 1 176.83 | 0.00 | 100.00 | 53.26 | 1 176.78 | 28 242.63 |
| 15 | 3.36 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.26 | 67.24 | 67.21 | 3.26 | 0.00 | 58.88 | 88.51 | 1 120.27 | 0.00 | 100.00 | 52.11 | 1 120.22 | 26 885.24 |
| 16 | 3.33 | 0.00 | 0.00 | 0.00 | 67.24 | 67.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.23 | 67.24 | 67.21 | 3.23 | 0.00 | 58.49 | 88.46 | 1 101.74 | 0.00 | 100.00 | 51.73 | 1 101.70 | 26 440.74 |
| 17 | 3.27 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.17 | 67.25 | 67.21 | 3.17 | 0.00 | 57.70 | 88.35 | 1 065.20 | 0.00 | 100.00 | 50.97 | 1 065.15 | 25 563.62 |
| 18 | 3.21 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.11 | 67.25 | 67.22 | 3.11 | 0.00 | 56.91 | 88.25 | 1 029.30 | 0.00 | 100.00 | 50.22 | 1 029.26 | 24 702.28 |
| 19 | 3.19 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.09 | 67.25 | 67.22 | 3.09 | 0.00 | 56.71 | 88.23 | 1 020.43 | 0.00 | 100.00 | 50.03 | 1 020.39 | 24 489.39 |
| 20 | 3.10 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.00 | 67.25 | 67.22 | 3.00 | 0.00 | 55.52 | 88.08 | 968.06 | 0.00 | 100.00 | 48.90 | 968.02 | 23 232.58 |
| 21 | 3.09 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 3.03 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 3.01 | 0.00 | 0.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.25 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 2.95 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 2.93 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 2.87 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 2.84 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 2.78 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 2.75 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 2.72 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 2.69 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

* Débit esthétique voir explication

555 963

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

FÉVRIER

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute brute | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 2.68 | 0.00 | 0.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 2.65 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 2.58 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 2.58 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 2.55 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 2.54 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 2.51 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 2.49 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 2.45 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 2.42 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 2.42 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 2.40 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 2.39 | 0.00 | 0.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 2.36 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 2.33 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 2.33 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 2.33 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 2.31 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 2.28 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 2.28 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 2.27 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 2.25 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 2.25 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 2.24 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 2.24 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 2.19 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 2.19 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 2.17 | 0.00 | 0.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 0.00 | 0.00 | 0.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.30 | 67.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

* Débit esthétique voir explication

0

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MARS

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débts Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débts Turbinés m³/s | Hauteur Chute nette m | Débts I Turbinés m³/s | Débts II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|--------------------|-------------------------|---------------------|---------------------|-----------------------|-----------------------|------------------------|----------------|-----------------|------------------|-------------------|--------------|---------------|-------------------|-----------------------------|
| 1 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 2.16 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 2.14 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 2.14 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 2.14 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 2.13 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 2.13 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 2.13 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 2.13 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 2.11 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 2.11 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 2.10 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 2.08 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 2.08 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 2.08 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 2.10 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 2.11 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 2.14 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 2.19 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 2.33 | 0.00 | 0.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 2.52 | 0.00 | 0.00 | 0.00 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 2.75 | 0.00 | 0.00 | 0.00 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 3.03 | 0.00 | 0.00 | 0.00 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 0.00 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 3.27 | 0.00 | 0.00 | 0.00 | 67.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.17 | 67.21 | 3.17 | 0.00 | 57.70 | 88.35 | 1 065.20 | 0.00 | 100.00 | 50.97 | 1 065.15 | 25 563.62 |

* Débit esthétique voir explication

25 564

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AVRIL

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 3.62 | 0.00 | 0.00 | 0.00 | 67.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.52 | 67.20 | 3.52 | 0.00 | 62.22 | 88.96 | 1 283.88 | 0.00 | 100.00 | 55.35 | 1 283.82 | 30 811.64 |
| 2 | 4.04 | 0.00 | 0.00 | 0.00 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 3.94 | 67.17 | 3.94 | 0.00 | 67.16 | 89.74 | 1 566.52 | 0.00 | 99.99 | 60.26 | 1 566.43 | 37 594.20 |
| 3 | 4.30 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.20 | 67.16 | 4.20 | 0.00 | 69.30 | 90.19 | 1 730.71 | 0.00 | 99.99 | 62.50 | 1 730.60 | 41 534.32 |
| 4 | 4.65 | 0.00 | 0.00 | 0.00 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.55 | 67.14 | 4.55 | 0.00 | 71.84 | 90.80 | 1 955.75 | 0.00 | 99.99 | 65.22 | 1 955.60 | 46 934.46 |
| 5 | 4.99 | 0.00 | 0.00 | 0.00 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.89 | 67.12 | 4.89 | 0.00 | 73.98 | 91.38 | 2 175.25 | 0.00 | 99.99 | 67.60 | 2 175.07 | 52 201.58 |
| 6 | 4.96 | 0.00 | 0.00 | 0.00 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.86 | 67.12 | 4.86 | 0.00 | 73.78 | 91.33 | 2 154.81 | 0.00 | 99.99 | 67.38 | 2 154.63 | 51 711.18 |
| 7 | 4.77 | 0.00 | 0.00 | 0.00 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.67 | 67.13 | 4.67 | 0.00 | 72.62 | 91.01 | 2 034.22 | 0.00 | 99.99 | 66.08 | 2 034.06 | 48 817.54 |
| 8 | 4.61 | 0.00 | 0.00 | 0.00 | 67.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.51 | 67.14 | 4.51 | 0.00 | 71.54 | 90.72 | 1 926.71 | 0.00 | 99.99 | 64.90 | 1 926.57 | 46 237.70 |
| 9 | 4.44 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.34 | 67.15 | 4.34 | 0.00 | 70.31 | 90.43 | 1 817.68 | 0.00 | 99.99 | 63.58 | 1 817.56 | 43 621.34 |
| 10 | 4.35 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.25 | 67.16 | 4.25 | 0.00 | 69.64 | 90.27 | 1 759.46 | 0.00 | 99.99 | 62.86 | 1 759.34 | 42 224.27 |
| 11 | 4.27 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.17 | 67.16 | 4.17 | 0.00 | 69.08 | 90.14 | 1 711.68 | 0.00 | 99.99 | 62.26 | 1 711.56 | 41 077.51 |
| 12 | 4.20 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.10 | 67.16 | 4.10 | 0.00 | 68.51 | 90.01 | 1 664.55 | 0.00 | 99.99 | 61.67 | 1 664.44 | 39 946.50 |
| 13 | 4.14 | 0.00 | 0.00 | 0.00 | 67.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.04 | 67.17 | 4.04 | 0.00 | 68.06 | 89.91 | 1 627.31 | 0.00 | 99.99 | 61.19 | 1 627.21 | 39 052.98 |
| 14 | 4.26 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.16 | 67.16 | 4.16 | 0.00 | 68.96 | 90.11 | 1 702.20 | 0.00 | 99.99 | 62.14 | 1 702.09 | 40 850.05 |
| 15 | 4.47 | 0.00 | 0.00 | 0.00 | 67.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.37 | 67.15 | 4.37 | 0.00 | 70.54 | 90.48 | 1 837.30 | 0.00 | 99.99 | 63.82 | 1 837.17 | 44 092.13 |
| 16 | 4.82 | 0.00 | 0.00 | 0.00 | 67.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 4.72 | 67.13 | 4.72 | 0.00 | 72.91 | 91.09 | 2 064.05 | 0.00 | 99.99 | 66.40 | 2 063.88 | 49 533.15 |
| 17 | 5.73 | 0.00 | 0.00 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.63 | 67.07 | 5.63 | 0.00 | 77.53 | 92.65 | 2 661.78 | 0.00 | 99.98 | 71.81 | 2 661.16 | 63 867.77 |
| 18 | 6.84 | 0.00 | 0.00 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.74 | 66.99 | 6.74 | 0.00 | 81.77 | 93.60 | 3 391.44 | 0.00 | 99.86 | 76.43 | 3 386.55 | 81 277.11 |
| 19 | 9.21 | 0.00 | 0.00 | 0.00 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.11 | 66.80 | 9.11 | 0.00 | 88.20 | 94.60 | 4 983.39 | 0.00 | 99.59 | 83.10 | 4 963.09 | 119 114.14 |
| 20 | 14.20 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.10 | 66.23 | 14.10 | 0.00 | 87.98 | 95.49 | 7 696.48 | 0.00 | 99.22 | 83.36 | 7 636.79 | 183 282.93 |
| 21 | 24.18 | 0.00 | 0.00 | 0.00 | 66.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 24.08 | 66.18 | 12.04 | 12.04 | 87.96 | 95.30 | 6 551.26 | 6 551.26 | 98.68 | 82.72 | 12 929.26 | 310 302.30 |
| 22 | 52.46 | 0.00 | 0.00 | 0.00 | 66.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.69 | 22.00 | 22.00 | 89.46 | 95.80 | 11 966.01 | 11 966.01 | 97.41 | 83.48 | 23 311.58 | 559 477.89 |
| 23 | 392.28 | 0.00 | 0.00 | 0.00 | 62.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 61.45 | 22.00 | 22.00 | 89.09 | 95.78 | 11 315.65 | 11 315.65 | 97.57 | 83.26 | 22 082.00 | 529 968.04 |
| 24 | 270.64 | 0.00 | 0.00 | 0.00 | 63.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.41 | 22.00 | 22.00 | 89.24 | 95.78 | 11 513.71 | 11 513.71 | 97.52 | 83.36 | 22 456.91 | 538 965.88 |
| 25 | 209.82 | 0.00 | 0.00 | 0.00 | 64.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.95 | 22.00 | 22.00 | 89.29 | 95.79 | 11 619.92 | 11 619.92 | 97.50 | 83.39 | 22 657.79 | 543 786.97 |
| 26 | 252.40 | 0.00 | 0.00 | 0.00 | 64.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.56 | 22.00 | 22.00 | 89.26 | 95.79 | 11 544.16 | 11 544.16 | 97.51 | 83.37 | 22 514.52 | 540 348.41 |
| 27 | 130.46 | 0.00 | 0.00 | 0.00 | 65.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.73 | 22.00 | 22.00 | 89.52 | 95.79 | 11 795.04 | 11 795.04 | 97.45 | 83.57 | 22 988.76 | 551 730.34 |
| 28 | 117.53 | 0.00 | 0.00 | 0.00 | 65.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.87 | 22.00 | 22.00 | 89.56 | 95.80 | 11 827.35 | 11 827.35 | 97.44 | 83.60 | 23 049.79 | 553 195.01 |
| 29 | 123.61 | 0.00 | 0.00 | 0.00 | 65.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.81 | 22.00 | 22.00 | 89.54 | 95.79 | 11 812.12 | 11 812.12 | 97.45 | 83.59 | 23 021.02 | 552 504.42 |
| 30 | 145.51 | 0.00 | 0.00 | 0.00 | 65.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.57 | 22.00 | 22.00 | 89.47 | 95.79 | 11 759.27 | 11 759.27 | 97.46 | 83.53 | 22 921.18 | 550 108.32 |

* Débit esthétique voir explication

6 374 170

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

MAI

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 112.82 | 0.00 | 0.00 | 0.00 | 65.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.93 | 22.00 | 22.00 | 89.58 | 95.80 | 11 839.16 | 11 839.16 | 97.44 | 83.61 | 23 072.10 | 553 730.37 |
| 2 | 113.27 | 0.00 | 0.00 | 0.00 | 65.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.92 | 22.00 | 22.00 | 89.58 | 95.80 | 11 838.02 | 11 838.02 | 97.44 | 83.61 | 23 069.94 | 553 678.55 |
| 3 | 113.73 | 0.00 | 0.00 | 0.00 | 65.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.92 | 22.00 | 22.00 | 89.57 | 95.80 | 11 836.88 | 11 836.88 | 97.44 | 83.61 | 23 067.78 | 553 626.74 |
| 4 | 112.36 | 0.00 | 0.00 | 0.00 | 65.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.93 | 22.00 | 22.00 | 89.58 | 95.80 | 11 840.31 | 11 840.31 | 97.44 | 83.62 | 23 074.26 | 553 782.18 |
| 5 | 111.91 | 0.00 | 0.00 | 0.00 | 65.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.94 | 22.00 | 22.00 | 89.58 | 95.80 | 11 841.45 | 11 841.45 | 97.44 | 83.62 | 23 076.42 | 553 834.00 |
| 6 | 113.73 | 0.00 | 0.00 | 0.00 | 65.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.92 | 22.00 | 22.00 | 89.57 | 95.80 | 11 836.88 | 11 836.88 | 97.44 | 83.61 | 23 067.78 | 553 626.74 |
| 7 | 116.32 | 0.00 | 0.00 | 0.00 | 65.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.89 | 22.00 | 22.00 | 89.57 | 95.80 | 11 830.40 | 11 830.40 | 97.44 | 83.61 | 23 055.55 | 553 333.16 |
| 8 | 118.44 | 0.00 | 0.00 | 0.00 | 65.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.86 | 22.00 | 22.00 | 89.56 | 95.80 | 11 825.07 | 11 825.07 | 97.44 | 83.60 | 23 045.48 | 553 091.41 |
| 9 | 117.53 | 0.00 | 0.00 | 0.00 | 65.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.87 | 22.00 | 22.00 | 89.56 | 95.80 | 11 827.35 | 11 827.35 | 97.44 | 83.60 | 23 049.79 | 553 195.01 |
| 10 | 118.90 | 0.00 | 0.00 | 0.00 | 65.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.86 | 22.00 | 22.00 | 89.56 | 95.79 | 11 823.92 | 11 823.92 | 97.44 | 83.60 | 23 043.32 | 553 039.61 |
| 11 | 109.78 | 0.00 | 0.00 | 0.00 | 65.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.96 | 22.00 | 22.00 | 89.59 | 95.80 | 11 846.81 | 11 846.81 | 97.44 | 83.62 | 23 086.54 | 554 076.96 |
| 12 | 101.57 | 0.00 | 0.00 | 0.00 | 65.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.06 | 22.00 | 22.00 | 89.59 | 95.80 | 11 864.61 | 11 864.61 | 97.43 | 83.62 | 23 120.15 | 554 883.67 |
| 13 | 96.85 | 0.00 | 0.00 | 0.00 | 65.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.11 | 22.00 | 22.00 | 89.58 | 95.80 | 11 873.52 | 11 873.52 | 97.43 | 83.61 | 23 136.98 | 555 287.56 |
| 14 | 100.35 | 0.00 | 0.00 | 0.00 | 65.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.07 | 22.00 | 22.00 | 89.59 | 95.80 | 11 866.86 | 11 866.86 | 97.43 | 83.62 | 23 124.40 | 554 985.60 |
| 15 | 103.39 | 0.00 | 0.00 | 0.00 | 65.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.03 | 22.00 | 22.00 | 89.59 | 95.80 | 11 861.24 | 11 861.24 | 97.43 | 83.62 | 23 113.78 | 554 730.75 |
| 16 | 114.95 | 0.00 | 0.00 | 0.00 | 65.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.90 | 22.00 | 22.00 | 89.57 | 95.80 | 11 833.83 | 11 833.83 | 97.44 | 83.61 | 23 062.02 | 553 488.58 |
| 17 | 127.42 | 0.00 | 0.00 | 0.00 | 65.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.76 | 22.00 | 22.00 | 89.53 | 95.79 | 11 802.60 | 11 802.60 | 97.45 | 83.58 | 23 003.04 | 552 072.90 |
| 18 | 148.55 | 0.00 | 0.00 | 0.00 | 65.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.54 | 22.00 | 22.00 | 89.46 | 95.79 | 11 752.05 | 11 752.05 | 97.46 | 83.52 | 22 907.53 | 549 780.78 |
| 19 | 156.61 | 0.00 | 0.00 | 0.00 | 64.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.46 | 22.00 | 22.00 | 89.44 | 95.79 | 11 734.02 | 11 734.02 | 97.47 | 83.50 | 22 873.47 | 548 963.26 |
| 20 | 162.69 | 0.00 | 0.00 | 0.00 | 64.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.40 | 22.00 | 22.00 | 89.42 | 95.79 | 11 720.60 | 11 720.60 | 97.47 | 83.49 | 22 848.12 | 548 354.78 |
| 21 | 153.57 | 0.00 | 0.00 | 0.00 | 64.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.49 | 22.00 | 22.00 | 89.45 | 95.79 | 11 740.73 | 11 740.73 | 97.46 | 83.51 | 22 886.15 | 549 267.56 |
| 22 | 164.21 | 0.00 | 0.00 | 0.00 | 64.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.39 | 22.00 | 22.00 | 89.42 | 95.79 | 11 717.25 | 11 717.25 | 97.47 | 83.49 | 22 841.78 | 548 202.68 |
| 23 | 173.33 | 0.00 | 0.00 | 0.00 | 64.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.30 | 22.00 | 22.00 | 89.39 | 95.79 | 11 697.14 | 11 697.14 | 97.48 | 83.47 | 22 803.76 | 547 290.33 |
| 24 | 185.50 | 0.00 | 0.00 | 0.00 | 64.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.18 | 22.00 | 22.00 | 89.35 | 95.79 | 11 670.33 | 11 670.33 | 97.48 | 83.44 | 22 753.10 | 546 074.42 |
| 25 | 191.58 | 0.00 | 0.00 | 0.00 | 64.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.12 | 22.00 | 22.00 | 89.34 | 95.79 | 11 656.94 | 11 656.94 | 97.49 | 83.42 | 22 727.78 | 545 466.71 |
| 26 | 187.02 | 0.00 | 0.00 | 0.00 | 64.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.16 | 22.00 | 22.00 | 89.35 | 95.79 | 11 666.98 | 11 666.98 | 97.48 | 83.43 | 22 746.77 | 545 922.48 |
| 27 | 182.46 | 0.00 | 0.00 | 0.00 | 64.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.21 | 22.00 | 22.00 | 89.36 | 95.79 | 11 677.03 | 11 677.03 | 97.48 | 83.44 | 22 765.76 | 546 378.34 |
| 28 | 179.42 | 0.00 | 0.00 | 0.00 | 64.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.24 | 22.00 | 22.00 | 89.37 | 95.79 | 11 683.73 | 11 683.73 | 97.48 | 83.45 | 22 778.43 | 546 682.29 |
| 29 | 156.61 | 0.00 | 0.00 | 0.00 | 64.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.46 | 22.00 | 22.00 | 89.44 | 95.79 | 11 734.02 | 11 734.02 | 97.47 | 83.50 | 22 873.47 | 548 963.26 |
| 30 | 130.46 | 0.00 | 0.00 | 0.00 | 65.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.73 | 22.00 | 22.00 | 89.52 | 95.79 | 11 795.04 | 11 795.04 | 97.45 | 83.57 | 22 988.76 | 551 730.34 |
| 31 | 103.39 | 0.00 | 0.00 | 0.00 | 65.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.03 | 22.00 | 22.00 | 89.59 | 95.80 | 11 861.24 | 11 861.24 | 97.43 | 83.62 | 23 113.78 | 554 730.75 |

* Débit esthétique voir explication

17 092 272

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUIN

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière m³/s | Débit * Esthétique m³/s | Proportion du temps | Débits Turbinés m³/s | Hauteur Chute brute m | Hauteur Chute nette m | Débits I Turbinés m³/s | Débits II Turbinés m³/s | Rdmt Turbine % | Rdmt Générat. % | P Tur I Élect kW | P Tur II Élect kW | Rdmt Élect % | Rdmt Global % | P Installation kW | Production Installation kWh |
|------|------------------------|----------------------------|---------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|-------------------|--------------------|---------------------|----------------------|-----------------|------------------|----------------------|--------------------------------|
| 1 | 77.54 | 0.00 | 0.00 | 0.00 | 65.81 | 65.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 65.81 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 557 009.21 |
| 2 | 61.12 | 0.00 | 0.00 | 0.00 | 66.03 | 66.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.03 | 64.57 | 22.00 | 22.00 | 89.49 | 95.80 | 11 946.32 | 11 946.32 | 97.41 | 83.51 | 23 274.41 | 558 585.90 |
| 3 | 54.74 | 0.00 | 0.00 | 0.00 | 66.12 | 66.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.12 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.79 | 11 960.79 | 97.41 | 83.49 | 23 301.73 | 559 241.55 |
| 4 | 49.87 | 0.00 | 0.00 | 0.00 | 66.19 | 66.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.19 | 64.73 | 22.00 | 22.00 | 89.45 | 95.80 | 11 971.94 | 11 971.94 | 97.41 | 83.47 | 23 322.77 | 559 746.39 |
| 5 | 45.16 | 0.00 | 0.00 | 0.00 | 66.26 | 66.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 66.26 | 64.80 | 22.00 | 22.00 | 89.44 | 95.80 | 11 983.26 | 11 983.26 | 97.40 | 83.46 | 23 344.13 | 560 259.08 |
| 6 | 41.05 | 0.00 | 0.00 | 0.00 | 66.33 | 66.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 40.75 | 66.33 | 65.08 | 20.38 | 20.38 | 90.05 | 95.77 | 11 218.63 | 11 218.63 | 97.60 | 84.17 | 21 898.21 | 525 557.03 |
| 7 | 36.19 | 0.00 | 0.00 | 0.00 | 66.41 | 66.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 35.89 | 66.41 | 65.44 | 17.94 | 17.94 | 89.95 | 95.73 | 9 918.26 | 9 918.26 | 97.93 | 84.32 | 19 425.53 | 466 212.72 |
| 8 | 41.05 | 0.00 | 0.00 | 0.00 | 66.33 | 66.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 40.75 | 66.33 | 65.08 | 20.38 | 20.38 | 90.05 | 95.77 | 11 218.63 | 11 218.63 | 97.60 | 84.17 | 21 898.21 | 525 557.03 |
| 9 | 37.10 | 0.00 | 0.00 | 0.00 | 66.39 | 66.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.80 | 66.39 | 65.37 | 18.40 | 18.40 | 90.15 | 95.74 | 10 183.63 | 10 183.63 | 97.86 | 84.46 | 19 931.54 | 478 357.04 |
| 10 | 39.08 | 0.00 | 0.00 | 0.00 | 66.36 | 66.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 38.78 | 66.36 | 65.23 | 19.39 | 19.39 | 90.26 | 95.76 | 10 722.16 | 10 722.16 | 97.72 | 84.46 | 20 956.19 | 502 948.67 |
| 11 | 38.16 | 0.00 | 0.00 | 0.00 | 66.37 | 66.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.86 | 66.37 | 65.29 | 18.93 | 18.93 | 90.35 | 95.75 | 10 490.15 | 10 490.15 | 97.78 | 84.59 | 20 515.10 | 492 362.47 |
| 12 | 36.80 | 0.00 | 0.00 | 0.00 | 66.40 | 66.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 36.50 | 66.40 | 65.39 | 18.25 | 18.25 | 90.09 | 95.74 | 10 096.29 | 10 096.29 | 97.88 | 84.42 | 19 765.09 | 474 362.13 |
| 13 | 34.21 | 0.00 | 0.00 | 0.00 | 66.44 | 66.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 33.91 | 66.44 | 65.57 | 16.96 | 16.96 | 89.01 | 95.71 | 9 292.03 | 9 292.03 | 98.07 | 83.55 | 18 226.18 | 437 428.44 |
| 14 | 31.17 | 0.00 | 0.00 | 0.00 | 66.49 | 66.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 30.87 | 66.49 | 65.77 | 15.43 | 15.43 | 88.16 | 95.60 | 8 394.04 | 8 394.04 | 98.27 | 82.83 | 16 497.97 | 395 951.40 |
| 15 | 26.46 | 5.00 | 0.19 | 21.46 | 66.57 | 65.19 | 21.46 | 0.00 | 89.79 | 95.79 | 11 801.63 | 0.00 | 98.81 | 84.99 | 11 661.27 | 52 475.72 |
| | | 0.00 | 0.81 | 26.16 | 66.57 | 66.06 | 13.08 | 13.08 | 87.90 | 95.39 | 7 106.48 | 7 106.48 | 98.56 | 82.64 | 14 007.65 | 273 149.18 |
| 16 | 24.02 | 5.00 | 0.19 | 19.02 | 66.62 | 65.53 | 19.02 | 0.00 | 90.34 | 95.75 | 10 578.98 | 0.00 | 98.93 | 85.58 | 10 466.20 | 47 097.91 |
| | | 0.00 | 0.81 | 23.72 | 66.62 | 66.20 | 11.86 | 11.86 | 87.98 | 95.28 | 6 457.33 | 6 457.33 | 98.70 | 82.74 | 12 746.56 | 248 557.98 |
| 17 | 21.74 | 5.00 | 0.19 | 16.74 | 66.66 | 65.82 | 16.74 | 0.00 | 88.84 | 95.71 | 9 191.96 | 0.00 | 99.07 | 84.24 | 9 106.82 | 40 980.68 |
| | | 0.00 | 0.81 | 21.44 | 66.66 | 65.28 | 21.44 | 0.00 | 89.80 | 95.79 | 11 812.13 | 0.00 | 98.81 | 85.00 | 11 671.52 | 227 594.59 |
| 18 | 20.22 | 5.00 | 0.19 | 15.22 | 66.69 | 65.99 | 15.22 | 0.00 | 88.07 | 95.59 | 8 295.99 | 0.00 | 99.16 | 83.48 | 8 226.64 | 37 019.86 |
| | | 0.00 | 0.81 | 19.92 | 66.69 | 65.50 | 19.92 | 0.00 | 90.16 | 95.77 | 11 053.05 | 0.00 | 98.89 | 85.39 | 10 929.93 | 213 133.72 |
| 19 | 17.79 | 5.00 | 0.19 | 12.79 | 66.74 | 66.25 | 12.79 | 0.00 | 87.89 | 95.37 | 6 967.39 | 0.00 | 99.30 | 83.23 | 6 918.47 | 31 133.13 |
| | | 0.00 | 0.81 | 17.49 | 66.74 | 65.82 | 17.49 | 0.00 | 89.50 | 95.72 | 9 675.22 | 0.00 | 99.02 | 84.84 | 9 580.89 | 186 827.33 |
| 20 | 15.96 | 5.00 | 0.19 | 10.96 | 66.79 | 66.42 | 10.96 | 0.00 | 88.13 | 95.21 | 5 994.78 | 0.00 | 99.43 | 83.42 | 5 960.33 | 26 821.49 |
| | | 0.00 | 0.81 | 15.66 | 66.79 | 66.05 | 15.66 | 0.00 | 88.20 | 95.63 | 8 560.56 | 0.00 | 99.14 | 83.62 | 8 486.71 | 165 490.85 |
| 21 | 14.46 | 5.00 | 0.19 | 9.46 | 66.82 | 66.55 | 9.46 | 0.00 | 88.47 | 94.72 | 5 175.12 | 0.00 | 99.56 | 83.43 | 5 152.39 | 23 185.77 |
| | | 0.00 | 0.81 | 14.16 | 66.82 | 66.22 | 14.16 | 0.00 | 87.98 | 95.49 | 7 727.76 | 0.00 | 99.22 | 83.36 | 7 667.58 | 149 517.79 |
| 22 | 14.03 | 5.00 | 0.19 | 9.03 | 66.83 | 66.58 | 9.03 | 0.00 | 88.17 | 94.56 | 4 919.58 | 0.00 | 99.60 | 83.04 | 4 900.06 | 22 050.26 |
| | | 0.00 | 0.81 | 13.73 | 66.83 | 66.26 | 13.73 | 0.00 | 87.95 | 95.46 | 7 494.56 | 0.00 | 99.24 | 83.32 | 7 437.96 | 145 040.24 |
| 23 | 13.61 | 5.00 | 0.19 | 8.61 | 66.84 | 66.62 | 8.61 | 0.00 | 87.33 | 94.39 | 4 636.95 | 0.00 | 99.65 | 82.14 | 4 620.71 | 20 793.21 |
| | | 0.00 | 0.81 | 13.31 | 66.84 | 66.30 | 13.31 | 0.00 | 87.90 | 95.42 | 7 260.25 | 0.00 | 99.27 | 83.26 | 7 207.13 | 140 539.13 |
| 24 | 12.95 | 5.00 | 0.19 | 7.95 | 66.85 | 66.66 | 7.95 | 0.00 | 85.92 | 94.12 | 4 206.42 | 0.00 | 99.72 | 80.64 | 4 194.69 | 18 876.10 |
| | | 0.00 | 0.81 | 12.65 | 66.85 | 66.37 | 12.65 | 0.00 | 87.88 | 95.36 | 6 904.93 | 0.00 | 99.30 | 83.22 | 6 856.88 | 133 709.17 |
| 25 | 14.38 | 5.00 | 0.19 | 9.38 | 66.82 | 66.56 | 9.38 | 0.00 | 88.41 | 94.69 | 5 129.33 | 0.00 | 99.57 | 83.36 | 5 107.19 | 22 982.38 |
| | | 0.00 | 0.81 | 14.08 | 66.82 | 66.22 | 14.08 | 0.00 | 87.98 | 95.49 | 7 686.46 | 0.00 | 99.23 | 83.36 | 7 626.92 | 148 724.94 |
| 26 | 22.35 | 5.00 | 0.19 | 17.35 | 66.65 | 65.74 | 17.35 | 0.00 | 89.37 | 95.72 | 9 572.65 | 0.00 | 99.04 | 84.72 | 9 480.30 | 42 661.36 |
| | | 0.00 | 0.81 | 22.05 | 66.65 | 66.29 | 11.03 | 11.03 | 88.10 | 95.21 | 6 013.42 | 6 013.42 | 98.79 | 82.86 | 11 881.07 | 231 680.94 |
| 27 | 22.96 | 5.00 | 0.19 | 17.96 | 66.64 | 65.67 | 17.96 | 0.00 | 89.96 | 95.73 | 9 963.75 | 0.00 | 99.00 | 85.26 | 9 863.70 | 44 386.65 |
| | | 0.00 | 0.81 | 22.66 | 66.64 | 66.25 | 11.33 | 11.33 | 88.05 | 95.24 | 6 174.84 | 6 174.84 | 98.76 | 82.81 | 12 195.99 | 237 821.82 |
| 28 | 32.08 | 5.00 | 0.19 | 27.08 | 66.47 | 65.92 | 13.54 | 13.54 | 87.96 | 95.43 | 7 350.41 | 7 350.41 | 98.50 | 82.68 | 14 480.56 | 65 162.54 |
| | | 0.00 | 0.81 | 31.78 | 66.47 | 65.71 | 15.89 | 15.89 | 88.32 | 95.65 | 8 653.85 | 8 653.85 | 98.21 | 82.97 | 16 998.73 | 331 475.16 |
| 29 | 47.74 | 5.00 | 0.19 | 42.74 | 66.22 | 64.84 | 21.37 | 21.37 | 89.86 | 95.79 | 11 702.36 | 11 702.36 | 97.47 | 83.91 | 22 813.63 | 102 661.34 |
| | | 0.00 | 0.81 | 44.00 | 66.22 | 64.76 | 22.00 | 22.00 | 89.45 | 95.80 | 11 977.06 | 11 977.06 | 97.40 | 83.47 | 23 332.43 | 454 982.34 |
| 30 | 63.71 | 5.00 | 0.19 | 44.00 | 65.99 | 64.53 | 22.00 | 22.00 | 89.49 | 95.80 | 11 940.72 | 11 940.72 | 97.41 | 83.52 | 23 263.85 | 104 687.33 |
| | | 0.00 | 0.81 | 44.00 | 65.99 | 64.53 | 22.00 | 22.00 | 89.49 | 95.80 | 11 940.72 | 11 940.72 | 97.41 | 83.52 | 23 263.85 | 453 645.09 |

* Débit esthétique voir explication

11 538 445

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

JUILLET

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 69.33 | 5.00 | 0.19 | 44.00 | 64.46 | 22.00 | 22.00 | 89.51 | 95.80 | 11 928.54 | 11 928.54 | 97.42 | 83.53 | 23 240.86 | 104 583.85 |
| | | 0.00 | 0.81 | 44.00 | 64.46 | 22.00 | 22.00 | 89.51 | 95.80 | 11 928.54 | 11 928.54 | 97.42 | 83.53 | 23 240.86 | 453 196.68 |
| 2 | 55.04 | 5.00 | 0.19 | 44.00 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.10 | 11 960.10 | 97.41 | 83.49 | 23 300.42 | 104 851.88 |
| | | 0.00 | 0.81 | 44.00 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.10 | 11 960.10 | 97.41 | 83.49 | 23 300.42 | 454 358.16 |
| 3 | 42.42 | 5.00 | 0.19 | 37.42 | 65.25 | 18.71 | 18.71 | 90.27 | 95.75 | 10 350.81 | 10 350.81 | 97.82 | 84.54 | 20 249.94 | 91 124.74 |
| | | 0.00 | 0.81 | 42.12 | 64.97 | 21.06 | 21.06 | 90.06 | 95.79 | 11 579.13 | 11 579.13 | 97.51 | 84.12 | 22 580.66 | 440 322.93 |
| 4 | 35.58 | 5.00 | 0.19 | 30.58 | 65.71 | 15.29 | 15.29 | 88.12 | 95.59 | 8 302.51 | 8 302.51 | 98.29 | 82.80 | 16 321.43 | 73 446.45 |
| | | 0.00 | 0.81 | 35.28 | 65.48 | 17.64 | 17.64 | 89.66 | 95.73 | 9 724.57 | 9 724.57 | 97.98 | 84.09 | 19 055.76 | 371 587.34 |
| 5 | 32.54 | 5.00 | 0.19 | 27.54 | 65.89 | 13.77 | 13.77 | 87.98 | 95.45 | 7 474.68 | 7 474.68 | 98.47 | 82.70 | 14 721.29 | 66 245.82 |
| | | 0.00 | 0.81 | 32.24 | 65.68 | 16.12 | 16.12 | 88.44 | 95.67 | 8 788.19 | 8 788.19 | 98.19 | 83.08 | 17 257.42 | 336 519.67 |
| 6 | 30.41 | 5.00 | 0.19 | 25.41 | 66.01 | 12.70 | 12.70 | 87.93 | 95.36 | 6 898.48 | 6 898.48 | 98.60 | 82.67 | 13 603.98 | 61 217.91 |
| | | 0.00 | 0.81 | 30.11 | 65.82 | 15.05 | 15.05 | 88.04 | 95.57 | 8 178.30 | 8 178.30 | 98.32 | 82.72 | 16 081.72 | 313 593.63 |
| 7 | 27.52 | 5.00 | 0.19 | 22.52 | 66.17 | 11.26 | 11.26 | 88.07 | 95.23 | 6 130.12 | 6 130.12 | 98.76 | 82.83 | 12 108.76 | 54 489.44 |
| | | 0.00 | 0.81 | 27.22 | 66.00 | 13.61 | 13.61 | 87.96 | 95.44 | 7 397.34 | 7 397.34 | 98.49 | 82.68 | 14 571.50 | 284 144.16 |
| 8 | 26.76 | 5.00 | 0.19 | 21.76 | 65.14 | 21.76 | 0.00 | 89.59 | 95.80 | 11 934.28 | 0.00 | 98.80 | 84.79 | 11 790.75 | 53 058.37 |
| | | 0.00 | 0.81 | 26.46 | 66.04 | 13.23 | 13.23 | 87.92 | 95.41 | 7 189.59 | 7 189.59 | 98.54 | 82.65 | 14 168.85 | 276 292.51 |
| 9 | 24.63 | 5.00 | 0.19 | 19.63 | 65.45 | 19.63 | 0.00 | 90.22 | 95.76 | 10 889.36 | 0.00 | 98.90 | 85.45 | 10 769.86 | 48 464.39 |
| | | 0.00 | 0.81 | 24.33 | 66.16 | 12.17 | 12.17 | 87.95 | 95.31 | 6 619.41 | 6 619.41 | 98.66 | 82.71 | 13 061.78 | 254 704.65 |
| 10 | 22.81 | 5.00 | 0.19 | 17.81 | 65.69 | 17.81 | 0.00 | 89.81 | 95.73 | 9 865.76 | 0.00 | 99.01 | 85.12 | 9 767.67 | 43 954.51 |
| | | 0.00 | 0.81 | 22.51 | 66.26 | 11.25 | 11.25 | 88.06 | 95.23 | 6 134.49 | 6 134.49 | 98.76 | 82.82 | 12 117.28 | 236 287.05 |
| 11 | 21.74 | 5.00 | 0.19 | 16.74 | 65.82 | 16.74 | 0.00 | 88.84 | 95.71 | 9 191.96 | 0.00 | 99.07 | 84.24 | 9 106.82 | 40 980.68 |
| | | 0.00 | 0.81 | 21.44 | 65.28 | 21.44 | 0.00 | 89.80 | 95.79 | 11 812.13 | 0.00 | 98.81 | 85.00 | 11 671.52 | 227 594.59 |
| 12 | 20.53 | 5.00 | 0.19 | 15.53 | 65.96 | 15.53 | 0.00 | 88.16 | 95.62 | 8 469.19 | 0.00 | 99.15 | 83.58 | 8 396.90 | 37 786.07 |
| | | 0.00 | 0.81 | 20.23 | 65.45 | 20.23 | 0.00 | 90.12 | 95.77 | 11 209.27 | 0.00 | 98.87 | 85.33 | 11 082.65 | 216 111.67 |
| 13 | 19.16 | 5.00 | 0.19 | 14.16 | 66.11 | 14.16 | 0.00 | 87.99 | 95.49 | 7 715.15 | 0.00 | 99.22 | 83.37 | 7 655.17 | 34 448.26 |
| | | 0.00 | 0.81 | 18.86 | 65.64 | 18.86 | 0.00 | 90.29 | 95.75 | 10 498.43 | 0.00 | 98.94 | 85.54 | 10 387.36 | 202 553.45 |
| 14 | 18.25 | 5.00 | 0.19 | 13.25 | 66.21 | 13.25 | 0.00 | 87.90 | 95.41 | 7 215.08 | 0.00 | 99.27 | 83.26 | 7 162.62 | 32 231.80 |
| | | 0.00 | 0.81 | 17.95 | 65.76 | 17.95 | 0.00 | 89.95 | 95.73 | 9 969.40 | 0.00 | 99.00 | 85.24 | 9 869.24 | 192 450.15 |
| 15 | 16.73 | 5.00 | 0.19 | 11.73 | 66.35 | 11.73 | 0.00 | 87.98 | 95.27 | 6 397.32 | 0.00 | 99.36 | 83.28 | 6 356.30 | 28 603.33 |
| | | 0.00 | 0.81 | 16.43 | 65.96 | 16.43 | 0.00 | 88.60 | 95.70 | 9 011.70 | 0.00 | 99.09 | 84.03 | 8 929.86 | 174 132.33 |
| 16 | 15.81 | 5.00 | 0.19 | 10.81 | 66.44 | 10.81 | 0.00 | 88.24 | 95.18 | 5 918.91 | 0.00 | 99.44 | 83.52 | 5 885.63 | 26 485.35 |
| | | 0.00 | 0.81 | 15.51 | 66.06 | 15.51 | 0.00 | 88.15 | 95.62 | 8 474.07 | 0.00 | 99.15 | 83.57 | 8 401.71 | 163 833.25 |
| 17 | 14.46 | 5.00 | 0.19 | 9.46 | 66.55 | 9.46 | 0.00 | 88.47 | 94.72 | 5 175.12 | 0.00 | 99.56 | 83.43 | 5 152.39 | 23 185.77 |
| | | 0.00 | 0.81 | 14.16 | 66.22 | 14.16 | 0.00 | 87.98 | 95.49 | 7 727.76 | 0.00 | 99.22 | 83.36 | 7 667.58 | 149 517.79 |
| 18 | 13.94 | 5.00 | 0.19 | 8.94 | 66.59 | 8.94 | 0.00 | 88.02 | 94.53 | 4 860.66 | 0.00 | 99.61 | 82.88 | 4 841.84 | 21 788.28 |
| | | 0.00 | 0.81 | 13.64 | 66.27 | 13.64 | 0.00 | 87.94 | 95.45 | 7 444.35 | 0.00 | 99.25 | 83.30 | 7 388.51 | 144 075.89 |
| 19 | 13.61 | 5.00 | 0.19 | 8.61 | 66.62 | 8.61 | 0.00 | 87.33 | 94.39 | 4 636.95 | 0.00 | 99.65 | 82.14 | 4 620.71 | 20 793.21 |
| | | 0.00 | 0.81 | 13.31 | 66.30 | 13.31 | 0.00 | 87.90 | 95.42 | 7 260.25 | 0.00 | 99.27 | 83.26 | 7 207.13 | 140 539.13 |
| 20 | 12.74 | 5.00 | 0.19 | 7.74 | 66.68 | 7.74 | 0.00 | 85.22 | 94.02 | 4 057.43 | 0.00 | 99.75 | 79.92 | 4 047.11 | 18 212.00 |
| | | 0.00 | 0.81 | 12.44 | 66.39 | 12.44 | 0.00 | 87.89 | 95.34 | 6 790.34 | 0.00 | 99.32 | 83.23 | 6 743.87 | 131 505.55 |
| 21 | 11.75 | 5.00 | 0.19 | 6.75 | 66.74 | 6.75 | 0.00 | 81.88 | 93.60 | 3 388.60 | 0.00 | 99.86 | 76.53 | 3 383.73 | 15 226.78 |
| | | 0.00 | 0.81 | 11.45 | 66.48 | 11.45 | 0.00 | 88.01 | 95.25 | 6 262.21 | 0.00 | 99.38 | 83.31 | 6 223.45 | 121 357.34 |
| 22 | 10.76 | 5.00 | 0.19 | 5.76 | 66.80 | 5.76 | 0.00 | 78.11 | 92.85 | 2 739.95 | 0.00 | 99.96 | 72.50 | 2 738.95 | 12 325.29 |
| | | 0.00 | 0.81 | 10.46 | 66.57 | 10.46 | 0.00 | 88.50 | 95.08 | 5 750.49 | 0.00 | 99.47 | 83.69 | 5 719.76 | 111 535.33 |
| 23 | 10.08 | 5.00 | 0.19 | 5.08 | 66.84 | 5.08 | 0.00 | 75.09 | 91.69 | 2 293.73 | 0.00 | 99.99 | 68.85 | 2 293.53 | 10 320.87 |
| | | 0.00 | 0.81 | 9.78 | 66.63 | 9.78 | 0.00 | 88.68 | 94.85 | 5 377.37 | 0.00 | 99.53 | 83.72 | 5 351.96 | 104 363.22 |
| 24 | 9.82 | 5.00 | 0.19 | 4.82 | 66.96 | 4.82 | 0.00 | 73.56 | 91.25 | 2 126.33 | 0.00 | 99.99 | 67.12 | 2 126.15 | 9 567.68 |
| | | 0.00 | 0.81 | 9.52 | 66.76 | 9.52 | 0.00 | 88.49 | 94.76 | 5 228.75 | 0.00 | 99.55 | 83.47 | 5 205.33 | 101 503.87 |
| 25 | 9.94 | 5.00 | 0.19 | 4.94 | 66.95 | 4.94 | 0.00 | 74.34 | 91.47 | 2 208.08 | 0.00 | 99.99 | 68.00 | 2 207.89 | 9 935.49 |
| | | 0.00 | 0.81 | 9.64 | 66.75 | 9.64 | 0.00 | 88.58 | 94.80 | 5 302.38 | 0.00 | 99.54 | 83.58 | 5 277.98 | 102 920.63 |
| 26 | 11.49 | 5.00 | 0.19 | 6.49 | 66.76 | 6.49 | 0.00 | 80.93 | 93.49 | 3 218.23 | 0.00 | 99.88 | 75.57 | 3 214.52 | 14 465.32 |
| | | 0.00 | 0.81 | 11.19 | 66.51 | 11.19 | 0.00 | 88.06 | 95.23 | 6 125.05 | 0.00 | 99.40 | 83.36 | 6 088.53 | 118 726.37 |
| 27 | 14.29 | 5.00 | 0.19 | 9.29 | 66.56 | 9.29 | 0.00 | 88.35 | 94.66 | 5 074.48 | 0.00 | 99.58 | 83.28 | 5 053.04 | 22 738.66 |
| | | 0.00 | 0.81 | 13.99 | 66.23 | 13.99 | 0.00 | 87.98 | 95.48 | 7 636.83 | 0.00 | 99.23 | 83.35 | 7 578.05 | 147 772.02 |
| 28 | 19.16 | 5.00 | 0.19 | 14.16 | 66.11 | 14.16 | 0.00 | 87.99 | 95.49 | 7 715.15 | 0.00 | 99.22 | 83.37 | 7 655.17 | 34 448.26 |
| | | 0.00 | 0.81 | 18.86 | 65.64 | 18.86 | 0.00 | 90.29 | 95.75 | 10 498.43 | 0.00 | 98.94 | 85.54 | 10 387.36 | 202 553.45 |
| 29 | 25.39 | 5.00 | 0.19 | 20.39 | 65.34 | 20.39 | 0.00 | 90.09 | 95.78 | 11 278.31 | 0.00 | 98.86 | 85.30 | 11 150.12 | 50 175.55 |
| | | 0.00 | 0.81 | 25.09 | 66.12 | 12.55 | 12.55 | 87.93 | 95.34 | 6 822.26 | 6 822.26 | 98.62 | 82.68 | 13 455.96 | 262 391.17 |
| 30 | 22.05 | 5.00 | 0.19 | 17.05 | 65.78 | 17.05 | 0.00 | 89.07 | 95.71 | 9 377.99 | 0.00 | 99.05 | 84.44 | 9 289.36 | 41 802.12 |
| | | 0.00 | 0.81 | 21.75 | 65.23 | 21.75 | 0.00 | 89.61 | 95.80 | 11 946.15 | 0.00 | 98.80 | 84.81 | 11 802.33 | 230 145.41 |
| 31 | 20.22 | 5.00 | 0.19 | 15.22 | 65.99 | 15.22 | 0.00 | 88.07 | 95.59 | 8 295.99 | 0.00 | 99.16 | 83.48 | 8 226.64 | 37 019.86 |
| | | 0.00 | 0.81 | 19.92 | 65.50 | 19.92 | 0.00 | 90.16 | 95.77 | 11 053.05 | 0.00 | 98.89 | 85.39 | 10 929.93 | 213 133.72 |

* Débit esthétique voir explication

8 123 701

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

AOUT

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 20.68 | 5.00 | 0.19 | 15.68 | 65.94 | 15.68 | 0.00 | 88.21 | 95.63 | 8 555.94 | 0.00 | 99.14 | 83.63 | 8 482.17 | 38 169.78 |
| | | 0.00 | 0.81 | 20.38 | 65.43 | 20.38 | 0.00 | 90.10 | 95.78 | 11 288.20 | 0.00 | 98.86 | 85.32 | 11 159.78 | 217 615.79 |
| 2 | 20.98 | 5.00 | 0.19 | 15.98 | 65.91 | 15.98 | 0.00 | 88.31 | 95.66 | 8 729.79 | 0.00 | 99.12 | 83.74 | 8 652.99 | 38 938.44 |
| | | 0.00 | 0.81 | 20.68 | 65.39 | 20.68 | 0.00 | 90.08 | 95.78 | 11 446.73 | 0.00 | 98.85 | 85.28 | 11 314.69 | 220 636.36 |
| 3 | 18.85 | 5.00 | 0.19 | 13.85 | 66.14 | 13.85 | 0.00 | 87.97 | 95.47 | 7 549.30 | 0.00 | 99.24 | 83.34 | 7 491.86 | 33 713.38 |
| | | 0.00 | 0.81 | 18.55 | 65.68 | 18.55 | 0.00 | 90.18 | 95.75 | 10 323.02 | 0.00 | 98.96 | 85.45 | 10 215.63 | 199 204.79 |
| 4 | 17.03 | 5.00 | 0.19 | 12.03 | 66.33 | 12.03 | 0.00 | 87.93 | 95.30 | 6 559.04 | 0.00 | 99.34 | 83.25 | 6 515.68 | 29 320.57 |
| | | 0.00 | 0.81 | 16.73 | 65.92 | 16.73 | 0.00 | 88.82 | 95.71 | 9 196.35 | 0.00 | 99.07 | 84.22 | 9 111.13 | 177 666.94 |
| 5 | 15.11 | 5.00 | 0.19 | 10.11 | 66.50 | 10.11 | 0.00 | 88.77 | 94.96 | 5 561.01 | 0.00 | 99.50 | 83.87 | 5 533.04 | 24 898.66 |
| | | 0.00 | 0.81 | 14.81 | 66.14 | 14.81 | 0.00 | 88.00 | 95.55 | 8 082.20 | 0.00 | 99.19 | 83.40 | 8 016.37 | 156 319.16 |
| 6 | 13.61 | 5.00 | 0.19 | 8.61 | 66.62 | 8.61 | 0.00 | 87.33 | 94.39 | 4 636.95 | 0.00 | 99.65 | 82.14 | 4 620.71 | 20 793.21 |
| | | 0.00 | 0.81 | 13.31 | 66.30 | 13.31 | 0.00 | 87.90 | 95.42 | 7 260.25 | 0.00 | 99.27 | 83.26 | 7 207.13 | 140 539.13 |
| 7 | 11.15 | 5.00 | 0.19 | 6.15 | 66.78 | 6.15 | 0.00 | 79.61 | 93.35 | 2 991.69 | 0.00 | 99.92 | 74.26 | 2 989.36 | 13 452.10 |
| | | 0.00 | 0.81 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 115 269.11 |
| 8 | 10.08 | 5.00 | 0.19 | 5.08 | 66.84 | 5.08 | 0.00 | 75.09 | 91.69 | 2 293.73 | 0.00 | 99.99 | 68.85 | 2 293.53 | 10 320.87 |
| | | 0.00 | 0.81 | 9.78 | 66.63 | 9.78 | 0.00 | 88.68 | 94.85 | 5 377.37 | 0.00 | 99.53 | 83.72 | 5 351.96 | 104 363.22 |
| 9 | 9.52 | 5.00 | 0.19 | 4.52 | 66.98 | 4.52 | 0.00 | 71.61 | 90.72 | 1 928.79 | 0.00 | 99.99 | 64.97 | 1 928.65 | 8 678.91 |
| | | 0.00 | 0.81 | 9.22 | 66.78 | 9.22 | 0.00 | 88.27 | 94.64 | 5 045.43 | 0.00 | 99.58 | 83.19 | 5 024.36 | 97 974.93 |
| 10 | 8.70 | 5.00 | 0.19 | 3.70 | 67.03 | 3.70 | 0.00 | 64.29 | 89.27 | 1 395.10 | 0.00 | 99.99 | 57.39 | 1 395.02 | 6 277.59 |
| | | 0.00 | 0.81 | 8.40 | 66.85 | 8.40 | 0.00 | 86.86 | 94.31 | 4 511.10 | 0.00 | 99.67 | 81.64 | 4 496.24 | 87 676.77 |
| 11 | 8.06 | 5.00 | 0.19 | 3.06 | 67.06 | 3.06 | 0.00 | 56.26 | 88.16 | 997.98 | 0.00 | 100.00 | 49.60 | 997.94 | 4 490.72 |
| | | 0.00 | 0.81 | 7.76 | 66.91 | 7.76 | 0.00 | 85.22 | 94.04 | 4 081.14 | 0.00 | 99.74 | 79.94 | 4 070.60 | 79 376.72 |
| 12 | 7.92 | 5.00 | 0.19 | 0.00 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.62 | 66.92 | 7.62 | 0.00 | 84.77 | 93.98 | 3 985.96 | 0.00 | 99.76 | 79.47 | 3 976.29 | 77 537.72 |
| 13 | 7.83 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.53 | 66.92 | 7.53 | 0.00 | 84.47 | 93.94 | 3 922.98 | 0.00 | 99.77 | 79.17 | 3 913.87 | 76 320.55 |
| 14 | 7.71 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.41 | 66.93 | 7.41 | 0.00 | 84.07 | 93.89 | 3 839.59 | 0.00 | 99.78 | 78.75 | 3 831.21 | 74 708.63 |
| 15 | 7.57 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.27 | 66.94 | 7.27 | 0.00 | 83.61 | 93.83 | 3 746.59 | 0.00 | 99.80 | 78.29 | 3 738.99 | 72 910.24 |
| 16 | 7.54 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.24 | 66.95 | 7.24 | 0.00 | 83.51 | 93.81 | 3 726.04 | 0.00 | 99.80 | 78.19 | 3 718.60 | 72 512.75 |
| 17 | 7.57 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.27 | 66.94 | 7.27 | 0.00 | 83.61 | 93.83 | 3 746.59 | 0.00 | 99.80 | 78.29 | 3 738.99 | 72 910.24 |
| 18 | 7.62 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.32 | 66.94 | 7.32 | 0.00 | 83.76 | 93.85 | 3 777.50 | 0.00 | 99.79 | 78.45 | 3 769.64 | 73 507.94 |
| 19 | 7.54 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.24 | 66.95 | 7.24 | 0.00 | 83.51 | 93.81 | 3 726.04 | 0.00 | 99.80 | 78.19 | 3 718.60 | 72 512.75 |
| 20 | 7.45 | 5.00 | 0.19 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.15 | 66.95 | 7.15 | 0.00 | 83.21 | 93.78 | 3 664.63 | 0.00 | 99.81 | 77.88 | 3 657.69 | 71 325.00 |
| 21 | 7.36 | 5.00 | 0.19 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.06 | 66.96 | 7.06 | 0.00 | 82.91 | 93.74 | 3 603.60 | 0.00 | 99.82 | 77.58 | 3 597.14 | 70 144.30 |
| 22 | 7.40 | 5.00 | 0.19 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.10 | 66.96 | 7.10 | 0.00 | 83.06 | 93.76 | 3 634.07 | 0.00 | 99.82 | 77.73 | 3 627.37 | 70 733.77 |
| 23 | 7.57 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.27 | 66.94 | 7.27 | 0.00 | 83.61 | 93.83 | 3 746.59 | 0.00 | 99.80 | 78.29 | 3 738.99 | 72 910.24 |
| 24 | 7.88 | 5.00 | 0.19 | 0.00 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.58 | 66.92 | 7.58 | 0.00 | 84.62 | 93.96 | 3 954.42 | 0.00 | 99.76 | 79.32 | 3 945.04 | 76 928.25 |
| 25 | 8.01 | 5.00 | 0.19 | 3.01 | 67.06 | 3.01 | 0.00 | 55.67 | 88.09 | 971.95 | 0.00 | 100.00 | 49.03 | 971.91 | 4 373.62 |
| | | 0.00 | 0.81 | 7.71 | 66.91 | 7.71 | 0.00 | 85.07 | 94.02 | 4 049.32 | 0.00 | 99.75 | 79.78 | 4 039.07 | 78 761.96 |
| 26 | 8.27 | 5.00 | 0.19 | 3.27 | 67.05 | 3.27 | 0.00 | 59.03 | 88.52 | 1 124.28 | 0.00 | 100.00 | 52.25 | 1 124.23 | 5 059.02 |
| | | 0.00 | 0.81 | 7.97 | 66.89 | 7.97 | 0.00 | 85.93 | 94.13 | 4 230.90 | 0.00 | 99.72 | 80.66 | 4 218.92 | 82 268.99 |
| 27 | 8.65 | 5.00 | 0.19 | 3.65 | 67.03 | 3.65 | 0.00 | 63.76 | 89.19 | 1 365.33 | 0.00 | 99.99 | 56.86 | 1 365.26 | 6 143.68 |
| | | 0.00 | 0.81 | 8.35 | 66.86 | 8.35 | 0.00 | 86.76 | 94.29 | 4 481.01 | 0.00 | 99.68 | 81.54 | 4 466.48 | 87 096.29 |
| 28 | 9.00 | 5.00 | 0.19 | 4.00 | 67.01 | 4.00 | 0.00 | 67.81 | 89.84 | 1 602.32 | 0.00 | 99.99 | 60.92 | 1 602.22 | 7 210.00 |
| | | 0.00 | 0.81 | 8.70 | 66.83 | 8.70 | 0.00 | 87.49 | 94.43 | 4 713.27 | 0.00 | 99.64 | 82.33 | 4 696.17 | 91 575.39 |
| 29 | 9.43 | 5.00 | 0.19 | 4.43 | 66.98 | 4.43 | 0.00 | 70.95 | 90.57 | 1 869.30 | 0.00 | 99.99 | 64.26 | 1 869.17 | 8 411.25 |
| | | 0.00 | 0.81 | 9.13 | 66.79 | 9.13 | 0.00 | 88.21 | 94.61 | 4 990.64 | 0.00 | 99.59 | 83.11 | 4 970.25 | 96 919.87 |
| 30 | 10.04 | 5.00 | 0.19 | 5.04 | 66.84 | 5.04 | 0.00 | 74.88 | 91.62 | 2 264.95 | 0.00 | 99.99 | 68.60 | 2 264.75 | 10 191.36 |
| | | 0.00 | 0.81 | 9.74 | 66.63 | 9.74 | 0.00 | 88.65 | 94.83 | 5 349.68 | 0.00 | 99.53 | 83.67 | 5 324.64 | 103 830.45 |
| 31 | 8.96 | 5.00 | 0.19 | 3.96 | 67.01 | 3.96 | 0.00 | 67.28 | 89.75 | 1 570.34 | 0.00 | 99.99 | 60.39 | 1 570.25 | 7 066.11 |
| | | 0.00 | 0.81 | 8.66 | 66.83 | 8.66 | 0.00 | 87.40 | 94.42 | 4 682.77 | 0.00 | 99.64 | 82.22 | 4 666.02 | 90 987.42 |

* Débit esthétique voir explication

3 460 555

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

SEPTEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 8.58 | 5.00 | 0.19 | 3.58 | 67.03 | 3.58 | 0.00 | 62.88 | 89.06 | 1 316.50 | 0.00 | 99.99 | 55.99 | 1 316.43 | 5 923.93 |
| | | 0.00 | 0.81 | 8.28 | 66.86 | 8.28 | 0.00 | 86.60 | 94.26 | 4 431.00 | 0.00 | 99.68 | 81.37 | 4 416.99 | 86 131.30 |
| 2 | 7.83 | 5.00 | 0.19 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.53 | 66.92 | 7.53 | 0.00 | 84.47 | 93.94 | 3 922.98 | 0.00 | 99.77 | 79.17 | 3 913.87 | 76 320.55 |
| 3 | 7.31 | 5.00 | 0.19 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 7.01 | 66.96 | 7.01 | 0.00 | 82.76 | 93.72 | 3 573.23 | 0.00 | 99.83 | 77.42 | 3 567.01 | 69 556.60 |
| 4 | 6.77 | 5.00 | 0.19 | 0.00 | 67.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 6.47 | 67.00 | 6.47 | 0.00 | 80.77 | 93.49 | 3 209.38 | 0.00 | 99.89 | 75.42 | 3 205.72 | 62 511.52 |
| 5 | 6.28 | 5.00 | 0.19 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.98 | 67.04 | 5.98 | 0.00 | 78.92 | 93.24 | 2 893.74 | 0.00 | 99.94 | 73.54 | 2 891.95 | 56 393.04 |
| 6 | 5.90 | 5.00 | 0.19 | 0.00 | 67.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.60 | 67.06 | 5.60 | 0.00 | 77.40 | 92.59 | 2 640.07 | 0.00 | 99.98 | 71.65 | 2 639.54 | 51 471.02 |
| 7 | 5.64 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.34 | 67.08 | 5.34 | 0.00 | 76.27 | 92.15 | 2 470.29 | 0.00 | 99.99 | 70.28 | 2 470.05 | 48 166.05 |
| 8 | 5.60 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.30 | 67.08 | 5.30 | 0.00 | 76.06 | 92.08 | 2 440.51 | 0.00 | 99.99 | 70.03 | 2 440.28 | 47 585.38 |
| 9 | 5.60 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.30 | 67.08 | 5.30 | 0.00 | 76.06 | 92.08 | 2 440.51 | 0.00 | 99.99 | 70.03 | 2 440.28 | 47 585.38 |
| 10 | 5.25 | 5.00 | 0.19 | 0.00 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 4.95 | 67.11 | 4.95 | 0.00 | 74.35 | 91.48 | 2 214.59 | 0.00 | 99.99 | 68.01 | 2 214.40 | 43 180.85 |
| 11 | 5.43 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.13 | 67.09 | 5.13 | 0.00 | 75.29 | 91.80 | 2 332.73 | 0.00 | 99.99 | 69.11 | 2 332.52 | 45 484.20 |
| 12 | 5.34 | 5.00 | 0.19 | 0.00 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.04 | 67.10 | 5.04 | 0.00 | 74.87 | 91.64 | 2 274.89 | 0.00 | 99.99 | 68.61 | 2 274.69 | 44 356.46 |
| 13 | 5.47 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.17 | 67.09 | 5.17 | 0.00 | 75.50 | 91.87 | 2 361.90 | 0.00 | 99.99 | 69.36 | 2 361.69 | 46 052.91 |
| 14 | 5.43 | 5.00 | 0.19 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.13 | 67.09 | 5.13 | 0.00 | 75.29 | 91.80 | 2 332.73 | 0.00 | 99.99 | 69.11 | 2 332.52 | 45 484.20 |
| 15 | 5.34 | 5.00 | 0.19 | 0.00 | 67.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.81 | 5.04 | 67.10 | 5.04 | 0.00 | 74.87 | 91.64 | 2 274.89 | 0.00 | 99.99 | 68.61 | 2 274.69 | 44 356.46 |
| 16 | 5.64 | 0.00 | 0.00 | 0.00 | 67.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.34 | 67.08 | 5.34 | 0.00 | 76.27 | 92.15 | 2 470.29 | 0.00 | 99.99 | 70.28 | 2 470.05 | 59 281.29 |
| 17 | 6.20 | 0.00 | 0.00 | 0.00 | 67.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 5.90 | 67.04 | 5.90 | 0.00 | 78.61 | 93.11 | 2 842.15 | 0.00 | 99.95 | 73.16 | 2 840.63 | 68 175.18 |
| 18 | 6.46 | 0.00 | 0.00 | 0.00 | 67.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.16 | 67.03 | 6.16 | 0.00 | 79.62 | 93.36 | 3 011.60 | 0.00 | 99.92 | 74.27 | 3 009.15 | 72 219.50 |
| 19 | 7.02 | 0.00 | 0.00 | 0.00 | 67.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 6.72 | 66.99 | 6.72 | 0.00 | 81.71 | 93.60 | 3 379.51 | 0.00 | 99.86 | 76.37 | 3 374.70 | 80 992.91 |
| 20 | 7.45 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.15 | 66.95 | 7.15 | 0.00 | 83.21 | 93.78 | 3 664.63 | 0.00 | 99.81 | 77.88 | 3 657.69 | 87 784.61 |
| 21 | 8.23 | 0.00 | 0.00 | 0.00 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.93 | 66.89 | 7.93 | 0.00 | 85.78 | 94.11 | 4 198.63 | 0.00 | 99.72 | 80.50 | 4 186.97 | 100 487.36 |
| 22 | 10.42 | 0.00 | 0.00 | 0.00 | 66.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.12 | 66.60 | 10.12 | 0.00 | 88.75 | 94.97 | 5 570.43 | 0.00 | 99.50 | 83.86 | 5 542.33 | 133 015.86 |
| 23 | 11.33 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 11.03 | 66.52 | 11.03 | 0.00 | 88.09 | 95.21 | 6 036.27 | 0.00 | 99.42 | 83.39 | 6 001.16 | 144 027.90 |
| 24 | 14.46 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.16 | 66.22 | 14.16 | 0.00 | 87.98 | 95.49 | 7 727.76 | 0.00 | 99.22 | 83.36 | 7 667.58 | 184 021.90 |
| 25 | 19.46 | 0.00 | 0.00 | 0.00 | 66.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.16 | 65.60 | 19.16 | 0.00 | 90.31 | 95.76 | 10 664.65 | 0.00 | 98.93 | 85.55 | 10 550.03 | 253 200.76 |
| 26 | 17.94 | 0.00 | 0.00 | 0.00 | 66.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.64 | 65.80 | 17.64 | 0.00 | 89.65 | 95.73 | 9 773.14 | 0.00 | 99.02 | 84.97 | 9 676.88 | 232 245.24 |
| 27 | 18.25 | 0.00 | 0.00 | 0.00 | 66.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 17.95 | 65.76 | 17.95 | 0.00 | 89.95 | 95.73 | 9 969.40 | 0.00 | 99.00 | 85.24 | 9 869.24 | 236 861.72 |
| 28 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.40 | 65.70 | 18.40 | 0.00 | 90.13 | 95.74 | 10 235.46 | 0.00 | 98.97 | 85.40 | 10 129.89 | 243 117.26 |
| 29 | 19.01 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.71 | 65.66 | 18.71 | 0.00 | 90.24 | 95.75 | 10 410.68 | 0.00 | 98.95 | 85.49 | 10 301.45 | 247 234.87 |
| 30 | 19.31 | 0.00 | 0.00 | 0.00 | 66.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 19.01 | 65.62 | 19.01 | 0.00 | 90.34 | 95.75 | 10 585.71 | 0.00 | 98.93 | 85.58 | 10 472.78 | 251 346.77 |

* Débit esthétique voir explication

3 214 573

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

OCTOBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débites Rivière | Débit * Esthétique | Proportion du temps | Débites Turbinés | Hauteur Chute nette | Débites I Turbinés | Débites II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|-----------------|--------------------|---------------------|------------------|---------------------|--------------------|---------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 20.37 | 0.00 | 0.00 | 0.00 | 66.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 20.07 | 65.47 | 20.07 | 0.00 | 90.14 | 95.77 | 11 130.56 | 0.00 | 98.88 | 85.36 | 11 005.71 | 264 137.14 |
| 2 | 14.55 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.25 | 66.21 | 14.25 | 0.00 | 87.98 | 95.50 | 7 777.30 | 0.00 | 99.22 | 83.37 | 7 716.34 | 185 192.23 |
| 3 | 12.79 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.49 | 66.39 | 12.49 | 0.00 | 87.89 | 95.34 | 6 814.91 | 0.00 | 99.31 | 83.22 | 6 768.10 | 162 434.51 |
| 4 | 12.62 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.32 | 66.40 | 12.32 | 0.00 | 87.90 | 95.33 | 6 724.80 | 0.00 | 99.32 | 83.23 | 6 679.22 | 160 301.32 |
| 5 | 11.15 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.85 | 66.54 | 10.85 | 0.00 | 88.22 | 95.20 | 5 944.91 | 0.00 | 99.43 | 83.50 | 5 911.24 | 141 869.68 |
| 6 | 10.08 | 0.00 | 0.00 | 0.00 | 66.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.78 | 66.63 | 9.78 | 0.00 | 88.68 | 94.85 | 5 377.37 | 0.00 | 99.53 | 83.72 | 5 351.96 | 128 447.04 |
| 7 | 9.90 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.60 | 66.75 | 9.60 | 0.00 | 88.54 | 94.78 | 5 274.75 | 0.00 | 99.54 | 83.54 | 5 250.72 | 126 017.23 |
| 8 | 9.08 | 0.00 | 0.00 | 0.00 | 67.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.78 | 66.82 | 8.78 | 0.00 | 87.65 | 94.47 | 4 764.24 | 0.00 | 99.63 | 82.50 | 4 746.56 | 113 917.32 |
| 9 | 8.58 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.28 | 66.86 | 8.28 | 0.00 | 86.60 | 94.26 | 4 431.00 | 0.00 | 99.68 | 81.37 | 4 416.99 | 106 007.76 |
| 10 | 8.23 | 0.00 | 0.00 | 0.00 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.93 | 66.89 | 7.93 | 0.00 | 85.78 | 94.11 | 4 198.63 | 0.00 | 99.72 | 80.50 | 4 186.97 | 100 487.36 |
| 11 | 7.88 | 0.00 | 0.00 | 0.00 | 67.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.58 | 66.92 | 7.58 | 0.00 | 84.62 | 93.96 | 3 954.42 | 0.00 | 99.76 | 79.32 | 3 945.04 | 94 680.92 |
| 12 | 7.40 | 0.00 | 0.00 | 0.00 | 67.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.10 | 66.96 | 7.10 | 0.00 | 83.06 | 93.76 | 3 634.07 | 0.00 | 99.82 | 77.73 | 3 627.37 | 87 056.94 |
| 13 | 7.83 | 0.00 | 0.00 | 0.00 | 67.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.53 | 66.92 | 7.53 | 0.00 | 84.47 | 93.94 | 3 922.98 | 0.00 | 99.77 | 79.17 | 3 913.87 | 93 932.98 |
| 14 | 8.23 | 0.00 | 0.00 | 0.00 | 67.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 7.93 | 66.89 | 7.93 | 0.00 | 85.78 | 94.11 | 4 198.63 | 0.00 | 99.72 | 80.50 | 4 186.97 | 100 487.36 |
| 15 | 8.53 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.23 | 66.87 | 8.23 | 0.00 | 86.51 | 94.24 | 4 401.07 | 0.00 | 99.69 | 81.27 | 4 387.37 | 105 297.00 |
| 16 | 8.61 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.31 | 66.86 | 8.31 | 0.00 | 86.67 | 94.27 | 4 450.98 | 0.00 | 99.68 | 81.44 | 4 436.77 | 106 482.36 |
| 17 | 8.74 | 0.00 | 0.00 | 0.00 | 67.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 8.44 | 66.85 | 8.44 | 0.00 | 86.95 | 94.33 | 4 541.25 | 0.00 | 99.67 | 81.75 | 4 526.07 | 108 625.71 |
| 18 | 9.99 | 0.00 | 0.00 | 0.00 | 67.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 9.69 | 66.74 | 9.69 | 0.00 | 88.61 | 94.82 | 5 330.04 | 0.00 | 99.54 | 83.63 | 5 305.27 | 127 326.37 |
| 19 | 11.24 | 0.00 | 0.00 | 0.00 | 66.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 10.94 | 66.53 | 10.94 | 0.00 | 88.15 | 95.21 | 5 990.19 | 0.00 | 99.43 | 83.44 | 5 955.81 | 142 939.50 |
| 20 | 12.79 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.49 | 66.39 | 12.49 | 0.00 | 87.89 | 95.34 | 6 814.91 | 0.00 | 99.31 | 83.22 | 6 768.10 | 162 434.51 |
| 21 | 12.62 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.32 | 66.40 | 12.32 | 0.00 | 87.90 | 95.33 | 6 724.80 | 0.00 | 99.32 | 83.23 | 6 679.22 | 160 301.32 |
| 22 | 12.67 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.37 | 66.40 | 12.37 | 0.00 | 87.90 | 95.33 | 6 749.38 | 0.00 | 99.32 | 83.23 | 6 703.47 | 160 883.35 |
| 23 | 12.74 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.44 | 66.39 | 12.44 | 0.00 | 87.89 | 95.34 | 6 790.34 | 0.00 | 99.32 | 83.23 | 6 743.87 | 161 852.98 |
| 24 | 12.83 | 0.00 | 0.00 | 0.00 | 66.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.53 | 66.38 | 12.53 | 0.00 | 87.89 | 95.35 | 6 839.47 | 0.00 | 99.31 | 83.22 | 6 792.33 | 163 015.84 |
| 25 | 13.17 | 0.00 | 0.00 | 0.00 | 66.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 12.87 | 66.35 | 12.87 | 0.00 | 87.87 | 95.38 | 7 019.36 | 0.00 | 99.29 | 83.22 | 6 969.71 | 167 272.99 |
| 26 | 13.68 | 0.00 | 0.00 | 0.00 | 66.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.38 | 66.30 | 13.38 | 0.00 | 87.91 | 95.42 | 7 302.10 | 0.00 | 99.26 | 83.27 | 7 248.36 | 173 960.67 |
| 27 | 13.91 | 0.00 | 0.00 | 0.00 | 66.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.61 | 66.27 | 13.61 | 0.00 | 87.93 | 95.45 | 7 427.62 | 0.00 | 99.25 | 83.30 | 7 372.02 | 176 928.51 |
| 28 | 14.03 | 0.00 | 0.00 | 0.00 | 66.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.73 | 66.26 | 13.73 | 0.00 | 87.95 | 95.46 | 7 494.56 | 0.00 | 99.24 | 83.32 | 7 437.96 | 178 511.06 |
| 29 | 14.29 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 13.99 | 66.23 | 13.99 | 0.00 | 87.98 | 95.48 | 7 636.83 | 0.00 | 99.23 | 83.35 | 7 578.05 | 181 873.25 |
| 30 | 14.46 | 0.00 | 0.00 | 0.00 | 66.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 14.16 | 66.22 | 14.16 | 0.00 | 87.98 | 95.49 | 7 727.76 | 0.00 | 99.22 | 83.36 | 7 667.58 | 184 021.90 |
| 31 | 16.12 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.82 | 66.03 | 15.82 | 0.00 | 88.24 | 95.65 | 8 647.15 | 0.00 | 99.13 | 83.67 | 8 571.80 | 205 723.20 |

* Débit esthétique voir explication

4 532 420

PRODUCTIBILITÉ RIVIÈRE SHELDRAKE, courbe du saut

NOVEMBRE

Débit max turbiné / turbine

22 m³/s

2 turbines

Hauteur de chute brute

67 m

Débit mini turbiné / turbine

3 m³/s

ANNÉE 1950

Débit écologique

0.1 m³/s

Puissance installée

25000 kW

Débit passe à poissons

0.2 m³/s

| Jour | Débits Rivière | Débit * Esthétique | Proportion du temps | Débits Turbinés | Hauteur Chute nette | Débits I Turbinés | Débits II Turbinés | Rdmt Turbine | Rdmt Générat. | P Tur I Élect | P Tur II Élect | Rdmt Élect | Rdmt Global | P Installation | Production Installation |
|------|----------------|--------------------|---------------------|-----------------|---------------------|-------------------|--------------------|--------------|---------------|---------------|----------------|------------|-------------|----------------|-------------------------|
| | m³/s | m³/s | | m³/s | m | m³/s | m³/s | % | % | kW | kW | % | % | kW | kWh |
| 1 | 16.27 | 0.00 | 0.00 | 0.00 | 66.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 15.97 | 66.01 | 15.97 | 0.00 | 88.29 | 95.66 | 8 733.85 | 0.00 | 99.12 | 83.72 | 8 656.98 | 207 767.43 |
| 2 | 18.70 | 0.00 | 0.00 | 0.00 | 66.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 18.40 | 65.70 | 18.40 | 0.00 | 90.13 | 95.74 | 10 235.46 | 0.00 | 98.97 | 85.40 | 10 129.89 | 243 117.26 |
| 3 | 22.50 | 0.00 | 0.00 | 0.00 | 66.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 22.20 | 66.28 | 11.10 | 11.10 | 88.08 | 95.22 | 6 053.78 | 6 053.78 | 98.78 | 82.85 | 11 959.83 | 287 035.84 |
| 4 | 27.52 | 0.00 | 0.00 | 0.00 | 66.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 27.22 | 66.00 | 13.61 | 13.61 | 87.96 | 95.44 | 7 397.34 | 7 397.34 | 98.49 | 82.68 | 14 571.50 | 349 715.89 |
| 5 | 37.86 | 0.00 | 0.00 | 0.00 | 66.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.56 | 65.32 | 18.78 | 18.78 | 90.29 | 95.75 | 10 402.44 | 10 402.44 | 97.81 | 84.55 | 20 348.21 | 488 357.12 |
| 6 | 38.16 | 0.00 | 0.00 | 0.00 | 66.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 37.86 | 65.29 | 18.93 | 18.93 | 90.35 | 95.75 | 10 490.15 | 10 490.15 | 97.78 | 84.59 | 20 515.10 | 492 362.47 |
| 7 | 46.07 | 0.00 | 0.00 | 0.00 | 66.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.79 | 22.00 | 22.00 | 89.44 | 95.80 | 11 981.07 | 11 981.07 | 97.40 | 83.46 | 23 340.00 | 560 159.98 |
| 8 | 54.74 | 0.00 | 0.00 | 0.00 | 66.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.66 | 22.00 | 22.00 | 89.47 | 95.80 | 11 960.79 | 11 960.79 | 97.41 | 83.49 | 23 301.73 | 559 241.55 |
| 9 | 62.80 | 0.00 | 0.00 | 0.00 | 66.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.55 | 22.00 | 22.00 | 89.49 | 95.80 | 11 942.70 | 11 942.70 | 97.41 | 83.51 | 23 267.58 | 558 421.88 |
| 10 | 75.42 | 0.00 | 0.00 | 0.00 | 65.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.38 | 22.00 | 22.00 | 89.52 | 95.80 | 11 915.91 | 11 915.91 | 97.42 | 83.55 | 23 217.02 | 557 208.44 |
| 11 | 76.63 | 0.00 | 0.00 | 0.00 | 65.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.36 | 22.00 | 22.00 | 89.53 | 95.80 | 11 913.40 | 11 913.40 | 97.42 | 83.55 | 23 212.27 | 557 094.60 |
| 12 | 80.58 | 0.00 | 0.00 | 0.00 | 65.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.31 | 22.00 | 22.00 | 89.54 | 95.80 | 11 905.28 | 11 905.28 | 97.42 | 83.56 | 23 196.95 | 556 726.79 |
| 13 | 76.18 | 0.00 | 0.00 | 0.00 | 65.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.37 | 22.00 | 22.00 | 89.53 | 95.80 | 11 914.34 | 11 914.34 | 97.42 | 83.55 | 23 214.05 | 557 137.29 |
| 14 | 73.59 | 0.00 | 0.00 | 0.00 | 65.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.40 | 22.00 | 22.00 | 89.52 | 95.80 | 11 919.68 | 11 919.68 | 97.42 | 83.54 | 23 224.13 | 557 379.18 |
| 15 | 77.54 | 0.00 | 0.00 | 0.00 | 65.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.35 | 22.00 | 22.00 | 89.53 | 95.80 | 11 911.52 | 11 911.52 | 97.42 | 83.56 | 23 208.72 | 557 009.21 |
| 16 | 77.09 | 0.00 | 0.00 | 0.00 | 65.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.36 | 22.00 | 22.00 | 89.53 | 95.80 | 11 912.46 | 11 912.46 | 97.42 | 83.55 | 23 210.50 | 557 051.91 |
| 17 | 78.76 | 0.00 | 0.00 | 0.00 | 65.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.33 | 22.00 | 22.00 | 89.53 | 95.80 | 11 909.00 | 11 909.00 | 97.42 | 83.56 | 23 203.97 | 556 895.35 |
| 18 | 74.96 | 0.00 | 0.00 | 0.00 | 65.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.38 | 22.00 | 22.00 | 89.52 | 95.80 | 11 916.86 | 11 916.86 | 97.42 | 83.55 | 23 218.80 | 557 251.13 |
| 19 | 69.79 | 0.00 | 0.00 | 0.00 | 65.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.45 | 22.00 | 22.00 | 89.51 | 95.80 | 11 927.55 | 11 927.55 | 97.42 | 83.53 | 23 238.99 | 557 735.78 |
| 20 | 67.20 | 0.00 | 0.00 | 0.00 | 65.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.49 | 22.00 | 22.00 | 89.50 | 95.80 | 11 933.15 | 11 933.15 | 97.42 | 83.53 | 23 249.56 | 557 989.38 |
| 21 | 102.94 | 0.00 | 0.00 | 0.00 | 65.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.04 | 22.00 | 22.00 | 89.59 | 95.80 | 11 862.08 | 11 862.08 | 97.43 | 83.62 | 23 115.37 | 554 768.98 |
| 22 | 218.95 | 0.00 | 0.00 | 0.00 | 64.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.86 | 22.00 | 22.00 | 89.29 | 95.79 | 11 603.62 | 11 603.62 | 97.50 | 83.39 | 22 626.97 | 543 047.30 |
| 23 | 460.70 | 0.00 | 0.00 | 0.00 | 63.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 61.55 | 22.00 | 22.00 | 89.11 | 95.78 | 11 337.26 | 11 337.26 | 97.57 | 83.27 | 22 122.94 | 530 950.46 |
| 24 | 243.27 | 0.00 | 0.00 | 0.00 | 64.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.65 | 22.00 | 22.00 | 89.26 | 95.79 | 11 560.17 | 11 560.17 | 97.51 | 83.37 | 22 544.80 | 541 075.19 |
| 25 | 129.54 | 0.00 | 0.00 | 0.00 | 65.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 63.74 | 22.00 | 22.00 | 89.52 | 95.79 | 11 797.27 | 11 797.27 | 97.45 | 83.57 | 22 992.97 | 551 831.29 |
| 26 | 101.11 | 0.00 | 0.00 | 0.00 | 65.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.06 | 22.00 | 22.00 | 89.59 | 95.80 | 11 865.45 | 11 865.45 | 97.43 | 83.62 | 23 121.75 | 554 921.89 |
| 27 | 92.60 | 0.00 | 0.00 | 0.00 | 65.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 64.16 | 22.00 | 22.00 | 89.57 | 95.80 | 11 881.66 | 11 881.66 | 97.43 | 83.60 | 23 152.34 | 555 656.27 |
| 28 | 215.91 | 0.00 | 0.00 | 0.00 | 64.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 62.89 | 22.00 | 22.00 | 89.29 | 95.79 | 11 609.05 | 11 609.05 | 97.50 | 83.39 | 22 637.24 | 543 293.85 |
| 29 | 322.34 | 0.00 | 0.00 | 0.00 | 63.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 61.99 | 22.00 | 22.00 | 89.20 | 95.78 | 11 430.21 | 11 430.21 | 97.54 | 83.34 | 22 298.90 | 535 173.64 |
| 30 | 447.02 | 0.00 | 0.00 | 0.00 | 63.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 1.00 | 44.00 | 61.55 | 22.00 | 22.00 | 89.11 | 95.78 | 11 338.16 | 11 338.16 | 97.57 | 83.27 | 22 124.64 | 530 991.31 |

* Débit esthétique voir explication

15 317 369

**Centre d'expertise
hydrique**

Québec 

Analyse hydrologique : Débits de crues

Rivière Sheldrake

0732-03-0701

6 novembre 2007

Ministère du Développement durable, de l'Environnement et des Parcs
Édifice Marie-Guyart, aile René-Lévesque, 1^{er} étage, case 28
675, boulevard René-Lévesque Est
Québec (Québec) G1R 5V7

1. Introduction

La présente étude a pour objectif de déterminer les débits de crues de récurrence de 2 ans, 10 ans, 20 ans, 100 ans, 1000 ans et 10 000 ans sur la rivière Sheldrake, à Rivière-au-Tonnerre sur la Côte-Nord.

En premier lieu, ce rapport présente la localisation ainsi qu'une brève description du secteur visé. Par la suite, une étude hydrologique a été réalisée en vue d'évaluer les débits de crues demandés.

2. Site à l'étude

La rivière Sheldrake coule en direction sud sur 106 km avant de se jeter dans le fleuve Saint-Laurent, à la hauteur de la municipalité de Rivière-au-Tonnerre. Le site à l'étude est situé dans cette municipalité, à l'embouchure de la rivière (figure 1). L'aire du bassin versant en amont de ce site est de 1181 km².

On ne dénombre aucun barrage ni station hydrométrique en fonction sur la rivière.

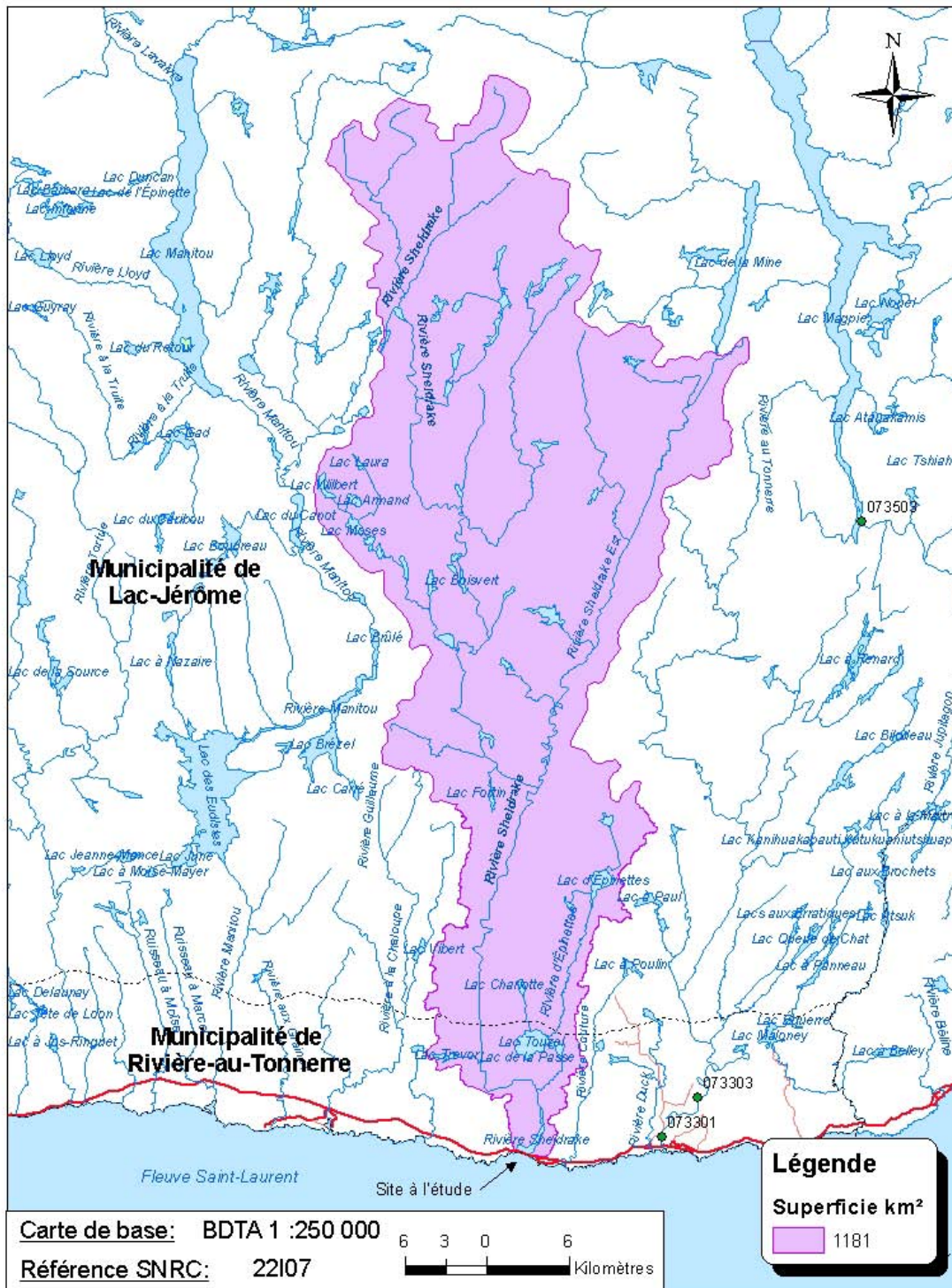


Figure 1 : Localisation du site à l'étude sur la rivière Sheldrake

3. Étude hydrologique

3.1 Objectif

Le but de cette étude hydrologique est d'établir les débits de crues de récurrence de 2 ans, 10 ans, 20 ans, 100 ans, 1000 ans et 10 000 ans de la rivière Shelldrake.

La section 3.2 décrit les principales méthodes utilisées pour évaluer les débits de crues de différentes récurrences, tandis que les sections subséquentes présentent la méthode retenue et les résultats obtenus.

3.2 Description des méthodes utilisées pour la détermination des débits de crues

Les débits de crues sont généralement évalués à partir d'une étude hydrologique dite classique. Celle-ci consiste à réaliser une analyse statistique des débits maximums annuels enregistrés à une station située sur la rivière à l'étude. Pour ce faire, un nombre suffisant de données doit être disponible.

Au Centre d'expertise hydrique du Québec, les analyses statistiques sont réalisées à l'aide du logiciel d'ajustement de lois statistiques Hyfran (Chaire en hydrologie statistique, 2002). Ce dernier a été mis au point au Centre Eau, Terre et Environnement de l'Institut national de la recherche scientifique, anciennement INRS-Eau, par l'équipe du Dr Bernard Bobée, dans un contexte de recherche pour le compte de la Chaire en hydrologie statistique Hydro-Québec/Alcan/CRSNG.

Il arrive fréquemment que la station hydrométrique retenue soit éloignée du secteur à l'étude. On transpose alors au secteur visé les débits de crues estimés à la station en fonction de la superficie des bassins versants des deux sites. Cette technique est communément appelée « transfert de bassin versant ». Elle peut également servir pour les données provenant d'une station hydrométrique située sur un autre cours d'eau. Les bassins versants des deux rivières doivent toutefois posséder des caractéristiques physiographiques similaires, la plus importante étant la superficie.

Dans le cas des sites non jaugés, d'autres techniques de régionalisation peuvent être utilisées pour estimer des débits de crues de différentes récurrences. Ces techniques consistent à regrouper des stations hydrométriques ayant un comportement hydrologique similaire. Une fois les régions homogènes définies, le transfert des informations provenant des sites jaugés vers les sites non jaugés est effectué. L'analyse régionale élaborée par Ancil et autres (1998) compte parmi les plus connues. Elle est basée sur l'ensemble des rivières naturelles ou quasi naturelles du Québec.

3.3 Méthode retenue pour la rivière Sheldrake

Comme il n'y a aucune station hydrométrique en fonction sur la rivière Sheldrake, une station située sur une rivière voisine a été retenue pour l'évaluation des débits de crues. Voici une description de cette station hydrométrique :

- 073303_01 : au Tonnerre, à 6,4 km et à 0,6 km en amont du pont de la route 138 à Rivière-au-Tonnerre (1966-1993).
Aire du bassin versant : 676 km²

La période indiquée peut varier légèrement en fonction des différents paramètres estimés (débit annuel, printanier ou estival).

Bien que l'échantillon de débits utilisé se termine en 1993, une analyse des débits à une station voisine permet de vérifier que l'hydrologie de la région ne s'est pas modifiée depuis ce temps. En effet, le test d'homogénéité de Wilcoxon à l'échelle annuelle appliqué à deux sous-échantillons de débits des stations 073502 et 073503 sur la rivière Magpie (1970-1993 et 1994-2007) ne peut pas conclure que les moyennes des deux sous-échantillons sont différentes.

Les données enregistrées aux stations hydrométriques de la rivière Magpie ne sont pas utilisées pour l'évaluation des débits de crues de la rivière Sheldrake, puisque le bassin versant de la rivière Sheldrake a des caractéristiques physiographiques qui se rapprochent davantage de celles du bassin de la rivière au Tonnerre que de la rivière Magpie. La présence du lac Magpie dans le bassin de la rivière du même nom cause un laminage du débit, ce qui entraîne des débits de crues beaucoup plus faibles que ceux enregistrés sur le bassin de la rivière au Tonnerre.

3.4 Résultats

Les valeurs de débits maximums journaliers annuels, printaniers et automnaux de la station 073303_01 ont été utilisées pour réaliser une analyse statistique. Les débits printaniers sont ceux enregistrés entre le 1^{er} mars et le 31 mai, tandis que les débits d'automne ont été enregistrés entre le 1^{er} juin et le 30 novembre.

À ces débits, l'ensemble des lois statistiques généralement utilisées en hydrologie a été ajusté pour estimer les débits de crues. À la suite de l'analyse des ajustements, principalement basée sur le critère d'adéquation bayésien, la loi Gamma inverse (Maximum de vraisemblance) a été retenue pour les débits annuels et printaniers, et la loi Lognormale (Maximum de vraisemblance) pour les débits d'automne. Les résultats obtenus sont présentés au tableau 3.1.

Le facteur de pointe de la station 073303 est calculé à 1,05 à l'aide de 5 données printanières enregistrées entre 1985 et 1992.

Tableau 3.1. Débits de crues - Rivière au Tonnerre à la station 073303_01

| Récurrence ans | Débit | | |
|-------------------|-----------------------------|--------------------------------|------------------------------|
| | annuel m ³ /s | printemps m ³ /s | automne m ³ /s |
| 2 | 142.9 | 132.0 | 106.5 |
| 10 | 216.5 | 199.2 | 178.3 |
| 20 | 246.2 | 226.2 | 206.3 |
| 100 | 316.7 | 290.3 | 271.3 |
| 1000 | 426.7 | 389.8 | 368.8 |
| 10 000 | 553.9 | 504.3 | 474.8 |

Les débits de crues à la station 073303_01 sont ensuite divisés par l'aire du bassin versant, soit 676 km², afin de pouvoir les transférer au site à l'étude. Ces débits spécifiques sont présentés au tableau 3.2.

Tableau 3.2. Débits de crues spécifiques -Rivière au Tonnerre à la station 073303_01

| Récurrence ans | Débit | | |
|-------------------|---|--|--|
| | annuel spéc. m ³ /s/km ² | printemps spéc. m ³ /s/km ² | automne spéc. m ³ /s/km ² |
| 2 | 0.2114 | 0.1953 | 0.1576 |
| 10 | 0.3203 | 0.2947 | 0.2637 |
| 20 | 0.3641 | 0.3346 | 0.3052 |
| 100 | 0.4685 | 0.4294 | 0.4014 |
| 1000 | 0.6313 | 0.5766 | 0.5455 |
| 10 000 | 0.8194 | 0.7460 | 0.7023 |

Pour évaluer les débits de crues au secteur à l'étude, les débits retenus doivent être transposés par la technique du transfert de bassin versant d'un bassin de 676 km² à un bassin de 1181 km². Le tableau 3.3 présente les résultats.

Tableau 3.3. Débits de crues - Rivière Shel Drake à Rivière-au-Tonnerre

| Récurrence ans | Débit | | |
|-------------------|-----------------------------|--------------------------------|------------------------------|
| | annuel m ³ /s | printemps m ³ /s | automne m ³ /s |
| 2 | 249.7 | 230.6 | 186.1 |
| 10 | 378.2 | 348.0 | 311.5 |
| 20 | 430.1 | 395.2 | 360.5 |
| 100 | 553.3 | 507.1 | 474.0 |
| 1000 | 745.5 | 681.0 | 644.3 |
| 10 000 | 967.7 | 881.1 | 829.4 |

4. Discussion

Les débits calculés sont valides en condition d'écoulement naturel ou peu influencé (influence journalière) pour un cours d'eau qui n'a pas un écoulement intermittent.

Il faut prendre en considération que tous ces débits sont les résultats d'une analyse qui peut comporter une certaine marge d'erreur. En effet, l'utilisation de données provenant d'un bassin versant qui n'a pas les mêmes caractères physiographiques peut donner des résultats ayant une précision variable.

Compte tenu de l'absence d'information hydrologique sur le bassin étudié, il est difficile de connaître la précision de l'estimation des débits de crues obtenus. La prise de mesures de débits en continu pendant une certaine période sur le bassin versant pourrait mener à une amélioration des estimations.

5. Conclusion

L'objectif de cette étude était de déterminer les débits de crues de récurrence de 2 ans, 10 ans, 20 ans, 100 ans, 1000 ans et 10 000 ans sur la rivière Sheldrake, à Rivière-au-Tonnerre sur la Côte-Nord.

Une étude hydrologique classique a été réalisée en utilisant des valeurs de débits maximaux annuels enregistrés à la station 073303_01 qui est située sur la rivière au Tonnerre. Après avoir ajusté différentes lois statistiques aux valeurs observées, les débits de crues ont été évalués à la station concernée. Ces débits ont ensuite été transposés au secteur à l'étude. Le facteur de pointe à la station utilisée est fourni et peut servir à évaluer des débits de crues instantanés.

Original signé par :

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