PROVO RIVER

1 9 5 1

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

1 9 5 1

CFS

| MONTH | TOT | MAX | MIN | MEAN | AFT |
|---|---|---|---|---|---|
| Apl | 17270 | 705 | 400 | 576 | 34255 |
| May | 32973 | 2305 | 580 | 1063 | 65401 |
| Jun | 26949 | 1544 | 604 | 898 | 53453 |
| Jly | 11315 | 527 | 307 | 365 | 22443 |
| Aug | 10261 | 455 | 286 | 331 | 20352 |
| Sep | 8753 | 325 | 263 | 292 | 17361 |
| Max | - | 2305 | | | |
| Min | - | - | 263 | | |
| Mean | - | - | - | 588 | |
| Total | - | - | - | - | 213265 |

- - - -

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

MEAN CFS

1942 - 1951

| Year | Apl | May | Jun | Jly | Aug | Sep | Aft | Seven Year Moving Average |
|---|---|---|---|---|---|---|---|---|
| 1942 | 622 | 631 | 634 | 305 | 259 | 251 | 163182 | 155069 |
| 43 | 698 | 734 | 676 | 325 | 300 | 263 | 181099 | 152556 |
| 44 | 394 | 904 | 817 | 327 | 255 | 248 | 178299 | 151455 |
| 45 | 436 | 869 | 683 | 349 | 357 | 314 | 182055 | 150360 |
| 46 | 802 | 703 | 441 | 277 | 271 | 259 | 165159 | 158618 |
| 47 | 494 | 1010 | 741 | 347 | 383 | 328 | 200086 | 173864 |
| 48 | 589 | 880 | 476 | 273 | 270 | 226 | 164423 | 176319 |
| 49 | 670 | 997 | 889 | 379 | 314 | 305 | 214832 | 183707 |
| 1950 | 671 | 1068 | 1217 | 415 | 324 | 324 | 242833 | 192527 |
| 51 | 576 | 1063 | 898 | 365 | 331 | 292 | 213265 | 192522 |

- - - - -

NATURAL
PROVO RIVER
UTAH VALLEY
1 9 5 1
CFS

| Day | Apl | May | Jun | Jly | Aug | Sep |
|---|---|---|---|---|---|---|
| 1 | 400 | 661 | 1544 | 527 | 327 | 325 |
| 2 | 404 | 637 | 1291 | 436 | 381 | 323 |
| 3 | 418 | 598 | 1074 | 407 | 371 | 304 |
| 4 | 443 | 580 | 726 | 385 | 452 | 294 |
| 5 | 447 | 587 | 755 | 389 | 455 | 299 |
| 6 | 451 | 618 | 735 | 443 | 416 | 292 |
| 7 | 492 | 721 | 735 | 379 | 336 | 293 |
| 8 | 494 | 721 | 820 | 400 | 323 | 298 |
| 9 | 497 | 723 | 818 | 351 | 301 | 308 |
| 10 | 504 | 713 | 805 | 312 | 286 | 315 |
| 11 | 503 | 720 | 762 | 329 | 302 | 307 |
| 12 | 492 | 809 | 741 | 335 | 290 | 301 |
| 13 | 527 | 841 | 776 | 334 | 304 | 300 |
| 14 | 534 | 767 | 822 | 307 | 316 | 294 |
| 15 | 625 | 735 | 918 | 338 | 313 | 295 |
| 16 | 647 | 662 | 1060 | 331 | 314 | 305 |
| 17 | 664 | 662 | 1150 | 321 | 312 | 295 |
| 18 | 644 | 657 | 1095 | 348 | 317 | 284 |
| 19 | 646 | 651 | 1060 | 350 | 317 | 276 |
| 20 | 674 | 875 | 1057 | 350 | 359 | 289 |
| 21 | 677 | 1170 | 1181 | 355 | 315 | 286 |
| 22 | 655 | 1238 | 1070 | 365 | 328 | 280 |
| 23 | 671 | 1336 | 975 | 349 | 336 | 263 |
| 24 | 688 | 1486 | 798 | 366 | 320 | 268 |
| 25 | 683 | 1559 | 763 | 359 | 327 | 279 |
| 26 | 683 | 1830 | 779 | 339 | 328 | 282 |
| 27 | 643 | 2039 | 764 | 333 | 315 | 280 |
| 28 | 674 | 2147 | 638 | 391 | 316 | 276 |
| 29 | 705 | 2305 | 604 | 349 | 292 | 272 |
| 30 | 685 | 1996 | 633 | 385 | 296 | 270 |
| 31 | x | 1929 | x | 352 | 296 | x |
| Tot | 17270 | 32973 | 26949 | 11315 | 10261 | 8753 |
| Max | 705 | 2305 | 1544 | 527 | 455 | 325 |
| Min | 400 | 580 | 604 | 307 | 286 | 263 |
| Mean | 576 | 1063 | 898 | 365 | 331 | 292 |
| Aft | 34255 | 65401 | 53453 | 22443 | 20352 | 17361 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
April 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 313 | 24 | 337 | 46 | 383 | | | | | 17 | 400 |
| 2 | 316 | 24 | 340 | 46 | 386 | | | | | 18 | 404 |
| 3 | 316 | 25 | 341 | 58 | 399 | 308 | 44 | 8 | 360 | 19 | 418 |
| 4 | 318 | 25 | 343 | 80 | 423 | | | | | 20 | 443 |
| 5 | 321 | 25 | 346 | 80 | 426 | 308 | 51 | 8 | 367 | 21 | 447 |
| 6 | 324 | 25 | 349 | 82 | 431 | | | | | 20 | 451 |
| 7 | 330 | 26 | 356 | 116 | 472 | | | | | 20 | 492 |
| 8 | 332 | 26 | 358 | 117 | 475 | | | | | 19 | 494 |
| 9 | 338 | 25 | 363 | 116 | 479 | 301 | 70 | 10 | 381 | 18 | 497 |
| 10 | 341 | 25 | 366 | 116 | 482 | | | | | 22 | 504 |
| 11 | 335 | 25 | 360 | 116 | 476 | 299 | 78 | 10 | 387 | 27 | 503 |
| 12 | 330 | 25 | 355 | 116 | 471 | | | | | 21 | 492 |
| 13 | 335 | 25 | 360 | 152 | 512 | | | | | 15 | 527 |
| 14 | 338 | 24 | 362 | 163 | 525 | 262 | 96 | 13 | 371 | 9 | 534 |
| 15 | 341 | 24 | 365 | 222 | 587 | | | | | 38 | 625 |
| 16 | 344 | 23 | 367 | 213 | 580 | 219 | 202 | 13 | 434 | 67 | 647 |
| 17 | 344 | 25 | 369 | 248 | 617 | | | | | 47 | 664 |
| 18 | 344 | 25 | 369 | 248 | 617 | 167 | 216 | 13 | 396 | 27 | 644 |
| 19 | 347 | 26 | 373 | 248 | 621 | | | | | 25 | 646 |
| 20 | 376 | 28 | 404 | 248 | 652 | 160 | 253 | 13 | 426 | 22 | 674 |
| 21 | 411 | 27 | 438 | 228 | 666 | | | | | 11 | 677 |
| 22 | 446 | 28 | 474 | 180 | 654 | 186 | 281 | 8 | 475 | 1 | 655 |
| 23 | 483 | 28 | 511 | 156 | 667 | | | | | 4 | 671 |
| 24 | 494 | 31 | 525 | 156 | 681 | | | | | 7 | 688 |
| 25 | 500 | 29 | 529 | 144 | 673 | | | | | 10 | 683 |
| 26 | 508 | 28 | 536 | 134 | 670 | | | | | 13 | 683 |
| 27 | 504 | 27 | 531 | 96 | 627 | | | | | 16 | 643 |
| 28 | 518 | 27 | 545 | 110 | 655 | | | | | 19 | 674 |
| 29 | 532 | 29 | 561 | 122 | 683 | | | | | 22 | 705 |
| 30 | 508 | 28 | 536 | 124 | 660 | | | | | 25 | 685 |
| x | x | x | x | x | x | x | x | x | x | x | x |
| Tot | 11587 | 782 | 12369 | 4281 | 16650 | | | | | 620 | 17270 |
| Max | | | | | | | | | | | 705 |
| Min | | | | | | | | | | | 400 |
| Mean | | | | | | | | | | | 576 |
| Aft | | | | | | | | | | | 34255 |

Abbreviations:- Rivr - River; Tot - Total; Stor - Storage; Nat - Natural; To Lk - To Utah Lake; Dvtd - Diverted; Wks - Waterworks; Infw - Inflow below Vivian Park.

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
May 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 477 | 28 | 505 | 128 | 633 | | | | | 28 | 661 |
| 2 | 477 | 27 | 504 | 103 | 607 | 273 | 254 | 7 | 534 | 30 | 637 |
| 3 | 473 | 26 | 499 | 66 | 565 | | | | | 33 | 598 |
| 4 | 477 | 25 | 502 | 42 | 544 | | | | | 36 | 580 |
| 5 | 480 | 26 | 506 | 42 | 548 | | | | | 39 | 587 |
| 6 | 508 | 26 | 534 | 42 | 576 | | | | | 42 | 618 |
| 7 | 532 | 27 | 559 | 116 | 675 | 227 | 368 | 10 | 605 | 46 | 721 |
| 8 | 543 | 27 | 570 | 103 | 673 | | | | | 48 | 721 |
| 9 | 543 | 27 | 570 | 103 | 673 | 208 | 402 | 10 | 620 | 50 | 723 |
| 10 | 543 | 27 | 570 | 103 | 673 | | | | | 40 | 713 |
| 11 | 557 | 28 | 585 | 104 | 689 | 154 | 452 | 10 | 616 | 31 | 720 |
| 12 | 568 | 29 | 597 | 176 | 775 | | | | | 36 | 809 |
| 13 | 568 | 30 | 598 | 202 | 800 | 151 | 479 | 9 | 639 | 41 | 841 |
| 14 | 568 | 31 | 599 | 117 | 716 | | | | | 51 | 767 |
| 15 | 564 | 30 | 594 | 80 | 674 | 129 | 517 | 9 | 655 | 61 | 735 |
| 16 | 564 | 28 | 592 | 20 | 612 | | | | | 50 | 662 |
| 17 | 575 | 27 | 602 | 20 | 622 | 125 | 508 | 9 | 642 | 40 | 662 |
| 18 | 579 | 26 | 605 | 20 | 625 | | | | | 32 | 657 |
| 19 | 582 | 25 | 607 | 20 | 627 | 94 | 528 | 9 | 631 | 24 | 651 |
| 20 | 597 | 25 | 622 | 231 | 853 | | | | | 22 | 875 |
| 21 | 604 | 28 | 632 | 518 | 1150 | | | | | 20 | 1170 |
| 22 | 608 | 28 | 636 | 583 | 1219 | 105 | 541 | 9 | 655 | 19 | 1238 |
| 23 | 608 | 28 | 636 | 677 | 1313 | | | | | 23 | 1336 |
| 24 | 608 | 30 | 638 | 822 | 1460 | | | | | 26 | 1486 |
| 25 | 615 | 34 | 649 | 880 | 1529 | 95 | 575 | 9 | 679 | 30 | 1559 |
| 26 | 622 | 40 | 662 | 1138 | 1800 | | | | | 30 | 1830 |
| 27 | 637 | 52 | 689 | 1321 | 2010 | 98 | 609 | 11 | 718 | 29 | 2039 |
| 28 | 940 | 57 | 997 | 1124 | 2121 | | | | | 26 | 2147 |
| 29 | 1550 | 56 | 1606 | 676 | 2282 | | | | | 23 | 2305 |
| 30 | 1800 | 48 | 1848 | 128 | 1976 | | | | | 20 | 1996 |
| 31 | 1850 | 41 | 1891 | 21 | 1912 | | | | | 17 | 1929 |
| Tot | 21217 | 987 | 22204 | 9726 | 31930 | | | | | 1043 | 32973 |
| Max | | | | | | | | | | | 2305 |
| Min | | | | | | | | | | | 580 |
| Mean | | | | | | | | | | | 1063 |
| Aft | | | | | | | | | | | 65401 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
May 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 477 | 28 | 505 | 128 | 633 | | | | | 28 | 661 |
| 2 | 477 | 27 | 504 | 103 | 607 | 273 | 254 | 7 | 534 | 30 | 637 |
| 3 | 473 | 26 | 499 | 66 | 565 | | | | | 33 | 598 |
| 4 | 477 | 25 | 502 | 42 | 544 | | | | | 36 | 580 |
| 5 | 480 | 26 | 506 | 42 | 548 | | | | | 39 | 587 |
| 6 | 508 | 26 | 534 | 42 | 576 | | | | | 42 | 618 |
| 7 | 532 | 27 | 559 | 116 | 675 | 227 | 368 | 10 | 605 | 46 | 721 |
| 8 | 543 | 27 | 570 | 103 | 673 | | | | | 48 | 721 |
| 9 | 543 | 27 | 570 | 103 | 673 | 208 | 402 | 10 | 620 | 50 | 723 |
| 10 | 543 | 27 | 570 | 103 | 673 | | | | | 40 | 713 |
| 11 | 557 | 28 | 585 | 104 | 689 | 154 | 452 | 10 | 616 | 31 | 720 |
| 12 | 568 | 29 | 597 | 176 | 775 | | | | | 36 | 809 |
| 13 | 568 | 30 | 598 | 202 | 800 | 151 | 479 | 9 | 639 | 41 | 841 |
| 14 | 568 | 31 | 599 | 117 | 716 | | | | | 51 | 767 |
| 15 | 564 | 30 | 594 | 80 | 674 | 129 | 517 | 9 | 655 | 61 | 735 |
| 16 | 564 | 28 | 592 | 20 | 612 | | | | | 50 | 662 |
| 17 | 575 | 27 | 602 | 20 | 622 | 125 | 508 | 9 | 642 | 40 | 662 |
| 18 | 579 | 26 | 605 | 20 | 625 | | | | | 32 | 657 |
| 19 | 582 | 25 | 607 | 20 | 627 | 94 | 528 | 9 | 631 | 24 | 651 |
| 20 | 597 | 25 | 622 | 231 | 853 | | | | | 22 | 875 |
| 21 | 604 | 28 | 632 | 518 | 1150 | | | | | 20 | 1170 |
| 22 | 608 | 28 | 636 | 583 | 1219 | 105 | 541 | 9 | 655 | 19 | 1238 |
| 23 | 608 | 28 | 636 | 677 | 1313 | | | | | 23 | 1336 |
| 24 | 608 | 30 | 638 | 822 | 1460 | | | | | 26 | 1486 |
| 25 | 615 | 34 | 649 | 880 | 1529 | 95 | 575 | 9 | 679 | 30 | 1559 |
| 26 | 622 | 40 | 662 | 1138 | 1800 | | | | | 30 | 1830 |
| 27 | 637 | 52 | 689 | 1321 | 2010 | 98 | 609 | 11 | 718 | 29 | 2039 |
| 28 | 940 | 57 | 997 | 1124 | 2121 | | | | | 26 | 2147 |
| 29 | 1550 | 56 | 1606 | 676 | 2282 | | | | | 23 | 2305 |
| 30 | 1800 | 48 | 1848 | 128 | 1976 | | | | | 20 | 1996 |
| 31 | 1850 | 41 | 1891 | 21 | 1912 | | | | | 17 | 1929 |
| Tot | 21217 | 987 | 22204 | 9726 | 31930 | | | | | 1043 | 32973 |
| Max | | | | | | | | | | | 2305 |
| Min | | | | | | | | | | | 580 |
| Mean | | | | | | | | | | | 1063 |
| Aft | | | | | | | | | | | 65401 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
June 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 1550 | 36 | 1586 | -56 | 1530 | 955 | 634 | 11 | 1600 | 14 | 1544 |
| 2 | 1300 | 35 | 1335 | 56 | 1279 | | | | | 12 | 1291 |
| 3 | 971 | 28 | 999 | /65 | 1064 | | | | | 10 | 1074 |
| 4 | 590 | 22 | 612 | 106 | 718 | | | | | 8 | 726 |
| 5 | 671 | 12 | 683 | 65 | 748 | 60 | 616 | 14 | 690 | 7 | 755 |
| 6 | 710 | 17 | 727 | -2 | 725 | | | | | 10 | 735 |
| 7 | 714 | 24 | 738 | 16 | 722 | 78 | 659 | 14 | 751 | 13 | 735 |
| 8 | 714 | 20 | 734 | /52 | 786 | 78 | 676 | 14 | 768 | 34 | 820 |
| 9 | 734 | 20 | 754 | 38 | 792 | | | | | 26 | 818 |
| 10 | 768 | 20 | 788 | -2 | 786 | 107 | 687 | 13 | 807 | 19 | 805 |
| 11 | 747 | 20 | 767 | 43 | 724 | | | | | 38 | 762 |
| 12 | 664 | 21 | 685 | 2 | 683 | 52 | 678 | 13 | 743 | 58 | 741 |
| 13 | 637 | 23 | 660 | /52 | 712 | 27 | 684 | 13 | 724 | 64 | 776 |
| 14 | 637 | 22 | 659 | 106 | 765 | 22 | 681 | 13 | 716 | 57 | 822 |
| 15 | 749 | 20 | 769 | 92 | 861 | | | | | 57 | 918 |
| 16 | 915 | 23 | 938 | 65 | 1003 | | | | | 57 | 1060 |
| 17 | 1030 | 26 | 1056 | 52 | 1108 | | | | | 42 | 1150 |
| 18 | 1050 | 26 | 1076 | 11 | 1087 | 321 | 751 | 12 | 1084 | 8 | 1095 |
| 19 | 1030 | 25 | 1055 | -15 | 1040 | | | | | 20 | 1060 |
| 20 | 975 | 26 | 1001 | /24 | 1025 | 294 | 727 | 12 | 1033 | 32 | 1057 |
| 21 | 970 | 26 | 996 | 160 | 1156 | | | | | 25 | 1181 |
| 22 | 1030 | 24 | 1054 | -2 | 1052 | 368 | 692 | 12 | 1072 | 18 | 1070 |
| 23 | 1060 | 25 | 1085 | 137 | 948 | 391 | 706 | 15 | 1112 | 27 | 975 |
| 24 | 838 | 25 | 863 | 106 | 757 | | | | | 41 | 798 |
| 25 | 696 | 24 | 720 | 12 | 708 | | | | | 55 | 763 |
| 26 | 634 | 24 | 658 | /52 | 710 | | | | | 69 | 779 |
| 27 | 641 | 23 | 664 | 18 | 682 | 35 | 696 | 15 | 746 | 82 | 764 |
| 28 | 645 | 23 | 668 | -96 | 572 | 27 | 692 | 15 | 734 | 66 | 638 |
| 29 | 645 | 24 | 669 | 120 | 549 | 22 | 687 | 15 | 724 | 55 | 604 |
| 30 | 592 | 23 | 615 | 110 | 505 | 17 | 711 | 15 | 743 | 128 | 633 |
| x | x | x | x | x | x | x | x | x | x | x | x |
| Tot | 24907 | 707 | 25614 | 183 | 25797 | | | | | 1152 | 26949 |
| Max | | | | | | | | | | | 1544 |
| Min | | | | | | | | | | | 604 |
| Mean | | | | | | | | | | | 898 |
| Aft | | | | | | | | | | | 53453 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
July 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 514 | 23 | 537 | 100 | 437 | 6 | 606 | 15 | 627 | 90 | 527 |
| 2 | 508 | 22 | 530 | 152 | 378 | 6 | 567 | 15 | 588 | 58 | 436 |
| 3 | 522 | 20 | 542 | 194 | 348 | 0 | 586 | 15 | 601 | 59 | 407 |
| 4 | 514 | 20 | 534 | 206 | 328 | 0 | 576 | 15 | 591 | 57 | 385 |
| 5 | 511 | 21 | 532 | 203 | 329 | 3 | 574 | 15 | 592 | 60 | 389 |
| 6 | 504 | 20 | 524 | 154 | 370 | 2 | 580 | 15 | 597 | 73 | 443 |
| 7 | 508 | 20 | 528 | 205 | 323 | 0 | 568 | 16 | 584 | 56 | 379 |
| 8 | 514 | 20 | 534 | 184 | 350 | 0 | 578 | 16 | 584 | 50 | 400 |
| 9 | 508 | 21 | 529 | 249 | 280 | 0 | 584 | 16 | 600 | 71 | 351 |
| 10 | 511 | 20 | 531 | 280 | 251 | 0 | 576 | 16 | 592 | 61 | 312 |
| 11 | 500 | 21 | 521 | 272 | 249 | 2 | 583 | 16 | 601 | 80 | 329 |
| 12 | 497 | 21 | 518 | 259 | 259 | 2 | 576 | 16 | 594 | 76 | 335 |
| 13 | 494 | 21 | 515 | 260 | 255 | 0 | 578 | 16 | 594 | 79 | 334 |
| 14 | 490 | 20 | 510 | 285 | 225 | 1 | 575 | 16 | 592 | 82 | 307 |
| 15 | 494 | 17 | 511 | 255 | 256 | 0 | 577 | 16 | 593 | 82 | 338 |
| 16 | 508 | 16 | 524 | 264 | 260 | 0 | 579 | 16 | 595 | 71 | 331 |
| 17 | 511 | 16 | 527 | 280 | 247 | 0 | 585 | 16 | 601 | 74 | 321 |
| 18 | 518 | 19 | 537 | 266 | 271 | | | | | 77 | 348 |
| 19 | 518 | 20 | 538 | 269 | 269 | 3 | 600 | 16 | 619 | 81 | 350 |
| 20 | 514 | 23 | 537 | 266 | 271 | 2 | 598 | 16 | 616 | 79 | 350 |
| 21 | 508 | 25 | 533 | 268 | 265 | | | | | 90 | 355 |
| 22 | 487 | 26 | 513 | 248 | 265 | 5 | 594 | 14 | 613 | 100 | 365 |
| 23 | 466 | 24 | 490 | 242 | 248 | 2 | 575 | 14 | 591 | 101 | 349 |
| 24 | 460 | 23 | 483 | 216 | 267 | 0 | 568 | 14 | 582 | 99 | 366 |
| 25 | 456 | 23 | 479 | 220 | 259 | 0 | 565 | 14 | 579 | 100 | 359 |
| 26 | 460 | 23 | 483 | 244 | 239 | 0 | 569 | 14 | 583 | 100 | 339 |
| 27 | 450 | 24 | 474 | 252 | 222 | 0 | 571 | 14 | 585 | 111 | 333 |
| 28 | 443 | 24 | 467 | 178 | 289 | 0 | 556 | 13 | 569 | 102 | 391 |
| 29 | 446 | 24 | 470 | 226 | 244 | 2 | 560 | 13 | 575 | 105 | 349 |
| 30 | 420 | 24 | 444 | 180 | 264 | 3 | 549 | 13 | 565 | 121 | 385 |
| 31 | 401 | 22 | 423 | 177 | 246 | 3 | 513 | 13 | 529 | 106 | 352 |
| Tot | 15155 | 663 | 15818 | 7054 | 8764 | | | | | 2551 | 11315 |
| Max | | | | | | | | | | | 527 |
| Min | | | | | | | | | | | 307 |
| Mean | | | | | | | | | | | 365 |
| Aft | | | | | | | | | | | 22443 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
August 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 398 | 25 | 423 | 192 | 231 | 0 | 506 | 13 | 519 | 96 | 327 |
| 2 | 398 | 25 | 423 | 138 | 285 | 0 | 506 | 13 | 519 | 96 | 381 |
| 3 | 404 | 27 | 431 | 151 | 280 | 0 | 509 | 13 | 522 | 91 | 371 |
| 4 | 330 | 26 | 356 | 128 | 384 | 5 | 507 | 12 | 524 | 68 | 452 |
| 5 | 242 | 25 | 267 | 93 | 360 | 6 | 344 | 12 | 362 | 95 | 455 |
| 6 | 234 | 24 | 258 | 66 | 324 | 2 | 336 | 12 | 350 | 92 | 416 |
| 7 | 232 | 25 | 257 | -3 | 254 | 0 | 327 | 12 | 339 | 82 | 336 |
| 8 | 230 | 25 | 255 | 15 | 240 | 0 | 326 | 12 | 338 | 83 | 323 |
| 9 | 232 | 25 | 257 | 30 | 227 | 0 | 319 | 12 | 331 | 74 | 301 |
| 10 | 247 | 24 | 271 | 52 | 219 | 0 | 326 | 12 | 338 | 67 | 286 |
| 11 | 408 | 24 | 432 | 196 | 236 | | | | | 66 | 302 |
| 12 | 473 | 25 | 498 | 274 | 224 | 0 | 549 | 15 | 564 | 66 | 290 |
| 13 | 480 | 26 | 506 | 284 | 222 | 0 | 573 | 15 | 588 | 82 | 304 |
| 14 | 480 | 27 | 507 | 270 | 237 | 0 | 571 | 15 | 586 | 79 | 316 |
| 15 | 480 | 27 | 507 | 270 | 237 | 0 | 568 | 15 | 583 | 76 | 313 |
| 16 | 477 | 20 | 497 | 270 | 227 | 0 | 569 | 15 | 584 | 87 | 314 |
| 17 | 470 | 15 | 485 | 256 | 229 | 0 | 553 | 15 | 568 | 83 | 312 |
| 18 | 470 | 19 | 489 | 252 | 237 | 0 | 556 | 13 | 569 | 80 | 317 |
| 19 | 470 | 22 | 492 | 252 | 240 | 0 | 556 | 13 | 569 | 77 | 317 |
| 20 | 424 | 26 | 450 | 215 | 235 | 0 | 561 | 13 | 574 | 124 | 359 |
| 21 | 395 | 30 | 425 | 190 | 235 | 0 | 492 | 13 | 505 | 80 | 315 |
| 22 | 395 | 30 | 425 | 178 | 247 | 0 | 493 | 13 | 506 | 81 | 328 |
| 23 | 392 | 30 | 422 | 175 | 247 | 0 | 498 | 13 | 511 | 89 | 336 |
| 24 | 389 | 29 | 418 | 175 | 243 | 0 | 482 | 13 | 495 | 77 | 320 |
| 25 | 386 | 30 | 416 | 162 | 254 | 0 | 476 | 13 | 489 | 73 | 327 |
| 26 | 386 | 30 | 416 | 162 | 254 | | | | | 74 | 328 |
| 27 | 386 | 30 | 416 | 175 | 241 | 0 | 477 | 13 | 490 | 74 | 315 |
| 28 | 386 | 28 | 414 | 175 | 239 | 0 | 478 | 13 | 491 | 77 | 316 |
| 29 | 392 | 28 | 420 | 198 | 222 | 0 | 477 | 13 | 490 | 70 | 292 |
| 30 | 401 | 28 | 429 | 195 | 234 | 0 | 478 | 13 | 491 | 62 | 296 |
| 31 | 417 | 28 | 445 | 209 | 236 | 0 | 492 | 13 | 505 | 60 | 296 |
| Tot | 11904 | 803 | 12707 | 4927 | 7780 | | | | | 2481 | 10261 |
| Max | | | | | | | | | | | 455 |
| Min | | | | | | | | | | | 286 |
| Mean | | | | | | | | | | | 331 |
| Aft | | | | | | | | | | | 20352 |

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
September 1951

| | Vivian Park | | | | | Utah Valley | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Rivr | Fork | Tot | Stor | Nat | To Lk | Dvtd | Wks | Tot | Infw | Nat |
| 1 | 411 | 28 | 439 | 189 | 250 | 3 | 497 | 14 | 514 | 75 | 325 |
| 2 | 395 | 26 | 421 | 189 | 232 | 3 | 495 | 14 | 512 | 91 | 323 |
| 3 | 386 | 28 | 414 | 190 | 224 | 0 | 480 | 14 | 494 | 80 | 304 |
| 4 | 389 | 30 | 419 | 198 | 221 | 0 | 478 | 14 | 492 | 73 | 294 |
| 5 | 395 | 26 | 421 | 198 | 223 | 0 | 483 | 14 | 497 | 76 | 299 |
| 6 | 398 | 21 | 419 | 198 | 221 | 0 | 476 | 14 | 490 | 71 | 292 |
| 7 | 404 | 27 | 431 | 210 | 221 | 2 | 487 | 14 | 503 | 72 | 293 |
| 8 | 404 | 25 | 429 | 209 | 220 | 2 | 491 | 147 | 507 | 78 | 298 |
| 9 | 408 | 29 | 437 | 208 | 229 | | | | | 79 | 308 |
| 10 | 411 | 30 | 441 | 206 | 235 | | | | | 80 | 315 |
| 11 | 401 | 30 | 431 | 206 | 225 | 12 | 487 | 14 | 513 | 82 | 307 |
| 12 | 395 | 29 | 424 | 206 | 218 | 12 | 481 | 147 | 507 | 83 | 301 |
| 13 | 392 | 28 | 420 | 206 | 214 | | | | | 86 | 300 |
| 14 | 392 | 28 | 420 | 216 | 204 | 14 | 482 | 14 | 510 | 90 | 294 |
| 15 | 392 | 27 | 419 | 215 | 204 | | | | | 91 | 295 |
| 16 | 389 | 26 | 415 | 202 | 213 | 4 | 490 | 13 | 507 | 92 | 305 |
| 17 | 389 | 26 | 415 | 203 | 212 | 4 | 481 | 13 | 498 | 83 | 295 |
| 18 | 379 | 26 | 405 | 203 | 202 | | | | | 82 | 284 |
| 19 | 373 | 25 | 398 | 203 | 195 | 9 | 457 | 13 | 479 | 81 | 276 |
| 20 | 373 | 24 | 397 | 188 | 209 | | | | | 80 | 289 |
| 21 | 373 | 24 | 397 | 190 | 207 | 11 | 452 | 13 | 476 | 79 | 286 |
| 22 | 373 | 24 | 397 | 190 | 207 | | | | | 73 | 280 |
| 23 | 373 | 24 | 397 | 201 | 196 | 24 | 427 | 13 | 464 | 67 | 263 |
| 24 | 373 | 25 | 398 | 201 | 197 | | | | | 71 | 268 |
| 25 | 379 | 25 | 404 | 200 | 204 | 42 | 424 | 13 | 479 | 75 | 279 |
| 26 | 376 | 24 | 400 | 198 | 202 | | | | | 80 | 282 |
| 27 | 370 | 25 | 395 | 199 | 196 | 52 | 414 | 13 | 479 | 84 | 280 |
| 28 | 364 | 26 | 390 | 200 | 190 | | | | | 86 | 276 |
| 29 | 358 | 25 | 383 | 1 | 184 | 31 | 431 | 9 | 471 | 88 | 272 |
| 30 | 355 | 24 | 379 | 198 | 181 | 31 | 428 | 9 | 468 | 89 | 270 |
| x | x | x | x | x | x | x | x | x | x | x | x |
| Tot | 11570 | 785 | 12355 | 6019 | 6336 | | | | | 2417 | 8753 |
| Max | | | | | | | | | | | 325 |
| Min | | | | | | | | | | | 263 |
| Mean | | | | | | | | | | | 292 |
| Aft | | | | | | | | | | | 17361 |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY ^22 WATER RESOURCES BRANCH

Daily Discharge, in second feet, of Provo River at Vivian Park, Utah, for the year ending September 30, 1951.

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 344 | 173 | 291 | 302 | 306 | 302 | 313 | 477 | 1550 | 514 | 398 | 411 |
| 2 | 344 | 182 | 291 | 302 | 308 | 305 | 316 | 477 | 1300 | 508 | 398 | 395 |
| 3 | 344 | 186 | 302 | 302 | 309 | 305 | 316 | 475 | 971 | 522 | 404 | 386 |
| 4 | 344 | 188 | 316 | 305 | 310 | 305 | 318 | 477 | 590 | 514 | 350 | 389 |
| 5 | 248 | 188 | 296 | 305 | 311 | 302 | 321 | 480 | 671 | 511 | 242 | 395 |
| 6 | 193 | 188 | 294 | 302 | 312 | 302 | 324 | 508 | 710 | 504 | 234 | 398 |
| 7 | 182 | 188 | 292 | 302 | 313 | 305 | 330 | 532 | 714 | 508 | 232 | 404 |
| 8 | 180 | 188 | 296 | 305 | 313 | 307 | 332 | 543 | 714 | 514 | 230 | 404 |
| 9 | 180 | 188 | 294 | 305 | 313 | 307 | 338 | 543 | 734 | 508 | 232 | 408 |
| 10 | 186 | 188 | 294 | 307 | 313 | 307 | 341 | 543 | 768 | 511 | 247 | 411 |
| 11 | 201 | 188 | 294 | 307 | 313 | 302 | 335 | 557 | 747 | 500 | 408 | 401 |
| 12 | 201 | 188 | 291 | 307 | 310 | 302 | 330 | 568 | 664 | 497 | 473 | 395 |
| 13 | 215 | 188 | 291 | 284 | 310 | 305 | 335 | 568 | 637 | 494 | 480 | 392 |
| 14 | 227 | 188 | 291 | 305 | 307 | 305 | 338 | 568 | 637 | 490 | 480 | 392 |
| 15 | 227 | 188 | 294 | 305 | 307 | 302 | 341 | 564 | 749 | 494 | 480 | 392 |
| 16 | 227 | 188 | 291 | 305 | 307 | 302 | 344 | 564 | 915 | 508 | 477 | 389 |
| 17 | 227 | 188 | 288 | 310 | 307 | 302 | 344 | 575 | 1030 | 511 | 470 | 389 |
| 18 | 227 | 199 | 288 | 310 | 307 | 302 | 344 | 579 | 1050 | 518 | 470 | 379 |
| 19 | 227 | 218 | 288 | 307 | 307 | 302 | 347 | 582 | 1030 | 518 | 470 | 373 |
| 20 | 227 | 206 | 288 | 307 | 307 | 302 | 376 | 597 | 975 | 514 | 424 | 373 |
| 21 | 220 | 210 | 288 | 307 | 307 | 305 | 411 | 604 | 970 | 508 | 395 | 373 |
| 22 | 215 | 197 | 286 | 310 | 307 | 305 | 446 | 608 | 1030 | 487 | 395 | 373 |
| 23 | 215 | 195 | 286 | 310 | 307 | 305 | 483 | 608 | 1060 | 466 | 392 | 373 |
| 24 | 208 | 193 | 286 | 310 | 307 | 307 | 494 | 608 | 838 | 460 | 389 | 373 |
| 25 | 204 | 222 | 286 | 307 | 307 | 307 | 500 | 615 | 696 | 456 | 386 | 379 |
| 26 | 204 | 247 | 286 | 307 | 305 | 310 | 508 | 622 | 634 | 460 | 386 | 376 |
| 27 | 208 | 278 | 288 | 307 | 305 | 310 | 504 | 637 | 641 | 450 | 386 | 370 |
| 28 | 210 | 291 | 299 | 307 | 305 | 310 | 518 | 940 | 645 | 443 | 386 | 364 |
| 29 | 220 | 291 | 302 | 307 | x | 310 | 532 | 1550 | 645 | 446 | 392 | 358 |
| 30 | 215 | 291 | 305 | 307 | x | 310 | 508 | 1800 | 592 | 420 | 401 | 355 |
| 31 | 182 | x | 302 | 305 | x | 313 | x | 1850 | x | 401 | 417 | x |
| | 7052 | 6211 | 9091 | 9468 | 8640 | 9465 | 11587 | 21217 | 24907 | 15155 | 11904 | 11570 |
| Mean | 227 | 207 | 293 | 305 | 309 | 305 | 386 | 684 | 830 | 489 | 384 | 386 |
| Aft | 13990 | 12320 | 18030 | 18780 | 17140 | 18770 | 22980 | 42080 | 49400 | 30060 | 23610 | 22950 |

Year Mean 401
Acre Feet 290,100

Unpublished Records
Subject To revision

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- WATER RESOURCES BRANCH

Daily Discharge, in second feet, of South Fork Provo River at Vivian Park, Utah, for the year ending September 30, 1951.

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | June | July | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31 | 34 | 29 | 27 | 27 | 25 | 24 | 28 | 36 | 23 | 25 | 28 |
| 2 | 30 | 33 | 28 | 27 | 26 | 25 | 24 | 27 | 35 | 22 | 25 | 26 |
| 3 | 30 | 33 | 30 | 26 | 27 | 25 | 25 | 26 | 28 | 20 | 27 | 28 |
| 4 | 30 | 33 | 30 | 27 | 27 | 25 | 25 | 25 | 22 | 20 | 26 | 30 |
| 5 | 30 | 32 | 31 | 27 | 27 | 25 | 25 | 26 | 12 | 21 | 25 | 26 |
| 6 | 30 | 31 | 30 | 26 | 28 | 25 | 25 | 26 | 17 | 20 | 24 | 21 |
| 7 | 31 | 31 | 31 | 26 | 27 | 25 | 26 | 27 | 24 | 20 | 25 | 27 |
| 8 | 32 | 31 | 30 | 27 | 28 | 26 | 26 | 27 | 20 | 20 | 25 | 25 |
| 9 | 32 | 31 | 30 | 27 | 28 | 26 | 25 | 27 | 20 | 21 | 25 | 29 |
| 10 | 30 | 31 | 30 | 27 | 28 | 25 | 25 | 27 | 20 | 20 | 24 | 30 |
| 11 | 32 | 31 | 30 | 27 | 28 | 25 | 25 | 28 | 20 | 21 | 24 | 30 |
| 12 | 32 | 31 | 29 | 26 | 28 | 25 | 25 | 29 | 21 | 21 | 25 | 29 |
| 13 | 32 | 32 | 29 | 26 | 28 | 25 | 25 | 30 | 23 | 21 | 26 | 28 |
| 14 | 31 | 32 | 30 | 25 | 27 | 25 | 24 | 31 | 22 | 20 | 27 | 28 |
| 15 | 32 | 32 | 29 | 25 | 27 | 26 | 24 | 30 | 20 | 17 | 27 | 27 |
| 16 | 31 | 31 | 28 | 25 | 27 | 25 | 23 | 28 | 23 | 16 | 20 | 26 |
| 17 | 31 | 31 | 28 | 24 | 28 | 25 | 25 | 27 | 26 | 16 | 15 | 26 |
| 18 | 31 | 33 | 28 | 24 | 27 | 25 | 25 | 26 | 26 | 19 | 19 | 26 |
| 19 | 31 | 40 | 28 | 24 | 27 | 25 | 26 | 25 | 25 | 20 | 22 | 25 |
| 20 | 31 | 37 | 28 | 24 | 26 | 25 | 28 | 25 | 26 | 23 | 26 | 24 |
| 21 | 31 | 37 | 27 | 24 | 26 | 25 | 27 | 28 | 26 | 25 | 30 | 24 |
| 22 | 30 | 34 | 26 | 25 | 27 | 25 | 28 | 28 | 24 | 26 | 30 | 24 |
| 23 | 31 | 33 | 27 | 25 | 26 | 24 | 28 | 28 | 25 | 24 | 30 | 24 |
| 24 | 29 | 32 | 27 | 25 | 26 | 24 | 31 | 30 | 25 | 23 | 29 | 25 |
| 25 | 28 | 31 | 27 | 26 | 26 | 25 | 29 | 34 | 24 | 23 | 30 | 25 |
| 26 | 28 | 31 | 27 | 26 | 25 | 25 | 28 | 40 | 24 | 23 | 30 | 24 |
| 27 | 30 | 31 | 27 | 27 | 25 | 25 | 27 | 52 | 23 | 24 | 30 | 25 |
| 28 | 30 | 30 | 26 | 27 | 25 | 24 | 27 | 57 | 23 | 24 | 28 | 26 |
| 29 | 29 | 30 | 26 | 28 | x | 24 | 29 | 56 | 24 | 24 | 28 | 25 |
| 30 | 33 | 30 | 26 | 27 | x | 24 | 28 | 48 | 23 | 24 | 28 | 24 |
| 31 | 33 | x | 26 | 27 | x | 24 | x | 41 | x | 22 | 28 | x |
| | 952 | 969 | 878 | 804 | 752 | 772 | 782 | 987 | 707 | 663 | 803 | 785 |
| Mean | 30.7 | 32.3 | 28.3 | 25.9 | 26.9 | 24.9 | 26.1 | 31.8 | 23.6 | 21.4 | 25.9 | 26.2 |
| Aft | 1890 | 1920 | 1740 | 1590 | 1490 | 1530 | 1550 | 1960 | 1400 | 1320 | 1590 | 1560 |

Year Mean 27.0
Acre Feet 19540

Unpublished Records
Subject to Revision

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- WATER RESOURCES BRANCH

Daily Discharge, in second feet, of Provo River at Provo, Utah for the year ending September 30, 1951.

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | June | July | Aug | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 86 | 164 | 285 | 314 | 333 | 325 | 312 | 273 | 955 | 6.2 | 1.9 | 2.6 |
| 2 | 101 | 173 | 290 | 312 | 226 | 328 | 308 | 273 | 810 | 5.8 | 1.8 | 2.9 |
| 3 | 100 | 180 | 303 | 314 | 336 | 326 | 308 | 254 | 510 | 4.9 | 2.7 | 3.0 |
| 4 | 96 | 180 | 338 | 314 | 338 | 326 | 310 | 242 | 125 | 3.9 | 4.6 | 3.5 |
| 5 | 91 | 180 | 317 | 314 | 333 | 326 | 308 | 244 | 60 | 5.8 | 6.0 | 2.7 |
| 6 | 140 | 178 | 305 | 312 | 331 | 326 | 303 | 242 | 72 | 4.6 | 3.2 | 2.5 |
| 7 | 138 | 178 | 317 | 310 | 331 | 331 | 303 | 227 | 78 | 3.9 | 2.6 | 3.9 |
| 8 | 133 | 180 | 319 | 314 | 336 | 333 | 303 | 219 | 78 | 4.7 | 3.4 | 3.0 |
| 9 | 128 | 180 | 317 | 314 | 336 | 333 | 301 | 208 | 81 | 3.6 | 2.6 | 5.0 |
| 10 | 73 | 178 | 319 | 312 | 336 | 333 | 303 | 172 | 107 | 4.2 | 2.0 | 9.9 |
| 11 | 88 | 188 | 317 | 312 | 340 | 326 | 299 | 154 | 109 | 4.6 | 2.0 | 12 |
| 12 | 90 | 189 | 317 | 308 | 340 | 319 | 281 | 154 | 52 | 5.0 | 1.6 | 12 |
| 13 | 88 | 188 | 317 | 295 | 338 | 314 | 268 | 151 | 27 | 5.2 | 1.4 | 13 |
| 14 | 89 | 201 | 317 | 312 | 336 | 314 | 262 | 139 | 22 | 3.6 | 1.2 | 14 |
| 15 | 100 | 205 | 312 | 312 | 336 | 314 | 248 | 129 | 45 | 2.6 | 1.2 | 9.1 |
| 16 | 124 | 203 | 308 | 310 | 333 | 317 | 219 | 131 | 165 | 2.3 | 1.2 | 7.8 |
| 17 | 139 | 207 | 308 | 317 | 333 | 312 | 178 | 125 | 281 | 2.4 | 1.1 | 8.8 |
| 18 | 117 | 219 | 308 | 319 | 333 | 310 | 167 | 94 | 321 | 2.9 | 1.2 | 9.6 |
| 19 | 116 | 264 | 308 | 319 | 331 | 310 | 161 | 94 | 326 | 4.2 | 1.3 | 9.1 |
| 20 | 116 | 229 | 305 | 317 | 331 | 308 | 160 | 89 | 294 | 4.3 | 1.3 | 9.6 |
| 21 | 104 | 260 | 301 | 319 | 331 | 310 | 172 | 94 | 319 | 7.0 | 1.5 | 11 |
| 22 | 90 | 236 | 301 | 326 | 333 | 312 | 186 | 105 | 368 | 5.2 | 1.3 | 17 |
| 23 | 98 | 223 | 305 | 324 | 331 | 312 | 196 | 115 | 391 | 3.5 | 1.5 | 24 |
| 24 | 131 | 217 | 303 | 324 | 328 | 312 | 216 | 125 | 255 | 2.1 | 1.4 | 40 |
| 25 | 102 | 234 | 303 | 324 | 326 | 310 | 242 | 95 | 130 | 1.9 | 1.4 | 42 |
| 26 | 97 | 262 | 303 | 324 | 326 | 310 | 248 | 102 | 52 | 2.0 | 1.6 | 52 |
| 27 | 119 | 277 | 303 | 326 | 326 | 314 | 248 | 98 | 35 | 2.2 | 1.7 | 52 |
| 28 | 162 | 294 | 314 | 324 | 326 | 312 | 242 | 270 | 27 | 2.2 | 1.7 | 42 |
| 29 | 172 | 296 | 317 | 326 | x | 310 | 260 | 780 | 22 | 2.9 | 1.5 | 31 |
| 30 | 158 | 292 | 317 | 321 | x | 308 | 279 | 1020 | 17 | 2.8 | 1.4 | 31 |
| 31 | 166 | x | 321 | 317 | x | 314 | x | 1150 | x | 3.2 | 1.7 | x |
| | 3552 | 6455 | 9615 | 9806 | 9314 | 9856 | 7591 | 7568 | 6134 | 119.7 | 61.0 | 486.0 |
| Mean | 115 | 215 | 310 | 316 | 333 | 318 | 253 | 244 | 204 | 3.86 | 1.97 | 16.2 |
| Aft | 7050 | 12800 | 19070 | 19450 | 18470 | 19550 | 15060 | 1'010 | 12170 | 237 | 121 | 964 |

Year Mean 193
Acre Feet 140,000

Unpublished Records
Subject to Revision

PRECIPITATION

PRECIPITATION FIVE STATIONS

1950x1951

| | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HEBER | | | | | | | | | | | | |
| Prec | 0.89 | 2.57 | 2.51 | 2.75 | 1.02 | 0.56 | 1.40 | 1.37 | 0.80 | 1.29 | 1.80 | 0.03 |
| Normal | 1.34 | 1.33 | 1.64 | 1.95 | 1.90 | 1.82 | 1.38 | 1.27 | 0.73 | 0.78 | 1.03 | 1.00 |
| Depart | -.45 | +1.24 | +.87 | +.80 | -.88 | -1.26 | +.02 | +.10 | +.07 | +.51 | +.77 | -.97 |
| Month % | 66 | 193 | 153 | 141 | 54 | 31 | 101 | 108 | 110 | 156 | 175 | 3 |
| Tot Prec | 0.89 | 3.46 | 5.97 | 8.72 | 9.74 | 10.30 | 11.70 | 13.07 | 13.87 | 15.16 | 16.96 | 16.99 |
| Tot Norm | 1.34 | 2.67 | 4.31 | 6.26 | 8.16 | 9.98 | 11.36 | 12.36 | 13.36 | 14.14 | 15.17 | 16.17 |
| Accum | -.45 | +.79 | +1.66 | +2.46 | +1.58 | +.32 | + .34 | +.44 | +.51 | +1.02 | +1.79 | +.82 |
| Percent | 66 | 130 | 139 | 139 | 119 | 103 | 103 | 103 | 104 | 107 | 112 | 105 |
| PROVO | | | | | | | | | | | | |
| Prec | 0.60 | 2.16 | 1.48 | 1.26 | 0.65 | 0.81 | 2.47 | 1.63 | 0.48 | 0.55 | 1.03 | 0.06 |
| Normal | 1.36 | 1.18 | 1.43 | 1.52 | 1.54 | 1.55 | 1.38 | 1.48 | 0.74 | 0.62 | 0.84 | 0.88 |
| Depart | -.76 | +.98 | +.05 | -.26 | -.89 | -.74 | +1.09 | +.15 | -.26 | -.07 | +.19 | -.82 |
| Month % | 44 | 183 | 102 | 82 | 42 | 52 | 179 | 110 | 65 | 89 | 123 | 7 |
| Tot Prec | 0.60 | 2.76 | 4.24 | 5.50 | 6.15 | 6.96 | 9.43 | 11.06 | 11.54 | 12.09 | 13.12 | 13.18 |
| Tot Norm | 1.36 | 2.54 | 3.97 | 5.49 | 7.03 | 8.58 | 9.96 | 11.44 | 12.18 | 12.80 | 13.64 | 14.52 |
| Accum | -.76 | +.22 | +.27 | +.01 | -.88 | -1.62 | -.53 | -.38 | -.64 | -.71 | -.52 | -1.34 |
| Percent | 44 | 109 | 106 | 100 | 88 | 81 | 95 | 97 | 95 | 94 | 96 | 91 |
| SALT LAKE CITY | | | | | | | | | | | | |
| Prec | 0.49 | 2.17 | 0.59 | 1.20 | 0.74 | 1.30 | 2.55 | 1.25 | 0.11 | 1.68 | 2.91 | T |
| Normal | 1.44 | 1.35 | 1.43 | 1.31 | 1.51 | 1.98 | 2.05 | 1.92 | 0.80 | 0.51 | 0.85 | 0.98 |
| Depart | -.95 | +.82 | -.84 | -.ii | -.77 | -.68 | +.50 | -.67 | -.69 | +1.17 | +2.06 | -.98 |
| Month % | 34 | 161 | 41 | 92 | 49 | 66 | 124 | 65 | 14 | 330 | 341 | 0 |
| Tot Prec | 0.49 | 2.66 | 3.25 | 4.45 | 5.19 | 6.49 | 9.04 | 10.29 | 10.40 | 12.08 | 14.99 | 14.99 |
| Tot Norm | 1.44 | 2.79 | 4.22 | 5.53 | 7.04 | 9.02 | 11.07 | 12.99 | 13.79 | 14.30 | 15.15 | 16.13 |
| Accum | -.95 | -.13 | -.97 | -1.08 | -1.85 | -2.53 | -2.03 | -2.70 | -3.39 | -2.22 | -.16 | -1.14 |
| Percent | 34 | 95 | 77 | 81 | 74 | 72 | 81 | 79 | 75 | 85 | 99 | 92 |
| BRIGHTON | | | | | | | | | | | | |
| Prec | 1.89 | 8.69 | 6.10 | 6.34 | 4.65 | 5.20 | 3.53 | 3.18 | 1.45 | 2.00 | 2.53 | 0.05 |
| Normal | 2.97 | 3.85 | 4.76 | 4.70 | 5.31 | 5.33 | 4.08 | 2.54 | 1.71 | 1.48 | 1.93 | 2.07 |
| Depart | -1.08 | +4.94 | +1.34 | +1.64 | -.66 | -.13 | -.55 | +.64 | -.26 | +.52 | +.60 | -2.02 |
| Month % | 64 | 213 | 126 | 135 | 88 | 98 | 87 | 138 | 85 | 135 | 128 | 2 |
| Tot Prec | 1.89 | 1.58 | 16.68 | 23.02 | 27.67 | 32.87 | 36.40 | 39.58 | 41.03 | 43.03 | 45.56 | 45.61 |
| Tot Norm | 2.97 | 6.82 | 11.58 | 16.28 | 21.59 | 26.92 | 31.00 | 33.54 | 35.25 | 36.73 | 38.66 | 40.73 |
| Accum | -1.08 | +3.76 | +5.10 | +6.74 | +6.08 | +5.93 | +5.40 | +6.04 | +5.78 | +6.30 | +6.90 | +4.88 |
| Percent | 64 | 155 | 144 | 142 | 128 | 122 | 117 | 118 | 116 | 117 | 118 | 117 |
| SNAKE CREEK | | | | | | | | | | | | |
| Prec | 0.92 | 4.22 | 3.93 | 4.24 | 2.29 | 1.22 | 1.94 | 1.82 | 0.82 | 1.48 | 1.53 | 0.07 |
| Normal | 1.59 | 1.92 | 2.67 | 2.95 | 3.02 | 2.57 | 2.07 | 1.42 | 0.92 | 1.03 | 1.24 | 1.27 |
| Depart | -.67 | +2.30 | +1.26 | +1.29 | -.73 | -1.35 | -.13 | +.40 | -.10 | +.45 | +.29 | -1.20 |
| Month % | 58 | 220 | 147 | 144 | 76 | 47 | 94 | 128 | 89 | 144 | 123 | 6 |
| Tot Prec | 0.92 | 5.14 | 9.07 | 13.31 | 15.60 | 16.82 | 18.76 | 20.58 | 21.40 | 22.88 | 24.41 | 24.48 |
| Tot Norm | 1.59 | 3.51 | 6.18 | 9.13 | 12.15 | 14.72 | 16.79 | 18.21 | 19.13 | 20.16 | 21.40 | 22.67 |
| Accum | -.67 | +1.63 | +2.89 | +4.18 | +3.45 | +2.10 | +1.97 | +2.37 | +2.27 | +2.72 | +3.01 | +1.81 |
| Percent | 58 | 142 | 147 | 146 | 128 | 114 | 112 | 113 | 111 | 114 | 114 | 108 |
| AVERAGE | | | | | | | | | | | | |
| Prec | 0.96 | 3.96 | 2.92 | 3.16 | 1.87 | 1.82 | 2.38 | 1.85 | 0.73 | 1.40 | 1.96 | 0.04 |
| Normal | 1.74 | 1.93 | 2.39 | 2.49 | 2.66 | 2.65 | 2.19 | 1.73 | 0.98 | 0.88 | 1.18 | 1.24 |
| Depart | -.78 | +2.33 | +.53 | +.67 | -.79 | -.83 | +.19 | +.12 | -.25 | + .52 | +.78 | -1.20 |
| Month % | 55 | 205 | 122 | 127 | 70 | 69 | 109 | 107 | 75 | 159 | 166 | 3 |
| Tot Prec | 0.96 | 4.92 | 7.84 | 11.00 | 12.87 | 14.69 | 17.07 | 18.92 | 19.65 | 21.05 | 23.01 | 23.05 |
| Tot Norm | 1.74 | 3.67 | 6.06 | 8.55 | 11.21 | 13.86 | 16.05 | 17.78 | 18.76 | 19.64 | 20.82 | 22.06 |
| Accum | -.78 | +1.25 | +1.78 | +2.45 | +1.66 | +.83 | +1.02 | +1.14 | +.89 | +1.41 | +2.19 | +.99 |
| Percent | 55 | 135 | 129 | 128 | 115 | 106 | 106 | 106 | 105 | 107 | 110 | 105 |

HEBER
Daily Precipitation.
Year Ending September 30, 1951

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | T | | | | | .05 | | | | |
| 2 | | .09 | .11 | | .05 | .14 | | .10 | | | | |
| 3 | | | .62 | .21 | .04 | | | | | | .45 | |
| 4 | | | .92 | .10 | .34 | .15 | T | | | | .19 | |
| 5 | | | .07 | .06 | .20 | .07 | | | | | .43 | |
| 6 | | | | | .12 | .09 | | | | | | |
| 7 | | | .29 | | .01 | .09 | | | | | | |
| 8 | | .05 | .03 | | .06 | | | | | | | |
| 9 | | T | .04 | | | | | | | | | |
| 10 | | | | | | T | | | | | | |
| 11 | | | | | .04 | | | .08 | | | | |
| 12 | | | | | | | | .06 | | | | |
| 13 | | | | | .04 | | | | | | | |
| 14 | | .66 | .02 | .08 | | | | .13 | | | | |
| 15 | | .13 | .08 | | | | | .12 | | | | |
| 16 | | | | .03 | | | | | | | | |
| 17 | | | | .36 | | T | | | .06 | | | |
| 18 | | .20 | | T | T | | .02 | .04 | T | | | |
| 19 | | .75 | | 1.20 | | | .06 | T | | | T | |
| 20 | | .10 | | T | | | .63 | .08 | .30 | .27 | .05 | |
| 21 | | .59 | | .08 | | | .09 | .37 | .27 | .35 | .30 | T |
| 22 | | | | .39 | | T | | .08 | | | | |
| 23 | | | | | T | | | .14 | | | .20 | |
| 24 | | | | .13 | | | .35 | .02 | .15 | | | |
| 25 | | | | | | | | | T | | | |
| 26 | | | | | .07 | | T | | | .05 | | |
| 27 | .63 | | | | .05 | T | | | | .26 | | |
| 28 | | | T | | T | | | .10 | | .15 | T | |
| 29 | | | .07 | .11 | | | .25 | | | .21 | | .03 |
| 30 | | T | | T | | | T | | | | .16 | |
| 31 | .26 | | .26 | | | .02 | | | | | .02 | |
| Tot | .89 | 2.57 | 2.51 | 2.25 | 1.02 | .56 | 1.40 | 1.37 | .80 | 1.29 | 1.80 | .03 |

PROVO
Daily Precipitation.
Year Ending September 30, 1951

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | .10 | | | | .02 | .26 | | | | |
| 2 | | T | .08 | T | | .45 | | .09 | | | | |
| 3 | | .04 | .09 | .05 | T | .08 | | | | | .75 | |
| 4 | | | .43 | .02 | .13 | T | | | | | .13 | |
| 5 | | | .10 | .01 | .04 | | | | | | .07 | |
| 6 | | | | | .05 | .11 | | | | | | |
| 7 | | | .18 | | | | | | | | | |
| 8 | | | T | | .01 | | | | | | | |
| 9 | | T | .04 | | | | | | T | | | |
| 10 | | | | | | T | | | | | | |
| 11 | | | | .08 | | | | | | | | |
| 12 | | | | .02 | | | | .01 | | | | |
| 13 | | | | | T | | | .14 | | | | |
| 14 | | .04 | | T | | | | T | | | | |
| 15 | T | .21 | .24 | | | | | | | | | |
| 16 | T | | T | | | | | .06 | | | | |
| 17 | | | | .23 | | .05 | | | | | | |
| 18 | | | | .07 | | | T | | T | | T | T |
| 19 | | .82 | | .47 | .16 | | .04 | T | | | T | |
| 20 | | T | | .02 | | | .29 | .17 | T | | T | |
| 21 | | .79 | | T | | | .11 | .30 | .27 | .09 | | |
| 22 | | .26 | | T | | | | | .10 | .05 | | |
| 23 | | | | .19 | | | | .02 | .11 | | .08 | |
| 24 | | | | | .14 | | .25 | .14 | | | | |
| 25 | | | | | | | .11 | | T | | | |
| 26 | | | | | .05 | | .15 | | | | | |
| 27 | | | | | .03 | | .03 | | | .15 | | |
| 28 | .28 | | | | .04 | .28 | | | | | | |
| 29 | | | .13 | .07 | | | .37 | .44 | | .20 | | .06 |
| 30 | | | T | .03 | | T | 1.10 | | | .06 | | |
| 31 | .32 | | .09 | | | .12 | | | | | | |
| Tot | .60 | 2.16 | 1.48 | 1.26 | .65 | .81 | 2.47 | 1.63 | .48 | .55 | 1.03 | .06 |

WATER SUPPLY
March 31, 1951

Precipitation Six Months Oct 1-Mar 31

| Station | 1951 | 1950 | Normal | 1951 % Nor |
|---|---|---|---|---|
| Heber | 10.30 | 12.44 | 9.98 | 103 |
| Provo AP | 6.96 | 8.79 | 8.58 | 81 |
| S Lake City | 6.49 | 8.77 | 9.02 | 72 |
| Brighton | 32.87 | 34.43 | 26.92 | 122 |
| Snake Crk | 16.82 | 20.92 | 14.72 | 114 |
| Average | 14.69 | 16.96 | 13.84 | 106 |
| % Normal | 106 | 122 | | |

% Normal & Altitude

| Station | Alt | %Nor |
|---|---|---|
| Provo River: | | |
| Provo | 4453 | 81 |
| Daniels | 8000 | 89 |
| Soapstone | 7800 | 122 |
| Long Lake | 10300 | 136 |
| Weber River: | | |
| Ogden | 4400 | 125 |
| Smith-More | 7600 | 118 |
| Up Redmine | 9000 | 106 |

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STORAGE

| Year | Utah Lake Gage | Utah Lake Aft | Straw Lake Aft | Deer Lake Aft | Echo Resr Aft |
|---|---|---|---|---|---|
| 1951 | -0.72 | 782,000 | 119,200 | 127,015 | 48,200 |
| 1950 | -0.65 | 788,600 | 97,200 | 120,715 | 43,900 |
| 1949 | -1.07 | 749,500 | 77,860 | 105,176 | 14,000 |

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SNOW SURVEYS:

| | Elev | 1951 S | 1951 W | 1950 S | 1950 W | Nor W | 1951 % Nor |
|---|---|---|---|---|---|---|---|
| Timp Divide | 8200 | 61.3 | 25.4 | 94.8 | 40.0 | 25.3 | 100 |
| Daniels | 8000 | 37.9 | 12.8 | 55.3 | 20.3 | 14.4 | 89 |
| Soapstone | 7800 | 45.3 | 13.7 | 60.7 | 16.0 | 11.2 | 122 |
| Trial Lake | 9800 | 88.6 | 33.9 | 112.2 | 38.0 | 25.3 | 134 |
| Long Lake | 10300 | 101.1 | 39.3 | 114.0 | 39.0 | 28.8 | 136 |
| Smith-More | 7600 | 42.3 | 14.9 | 55.2 | 19.5 | 12.6 | 118 |
| Up Redmine | 9000 | 55.6 | 21.2 | 80.4 | 30.9 | 20.0 | 106 |

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DEER CREEK RESERVOIR

DEER CREEK RESERVOIR
Grand Summary
Year Ending Oct. 15, 1951
Acre Feet Storage

| Name | Bal Oct 15 1950 | Impd | Bot | Sold | Loss | Drft | Bal Oct 15 1951 |
|---|---|---|---|---|---|---|---|
| Deer Prjt | 119939 | 35218 | 2729 | 30798 | 8383 | 54 | 118051 |
| Evap Loss | - | | 8383 | | 8383 | | - |
| U P & L | 394 | (12668)<br>4109 | - | (8559) | - | 3939 | 564 |
| Murdock | - | - | 11802 | - | - | 11672 | 130 |
| Salt Lake | 1366 | - | 4000 | 1366 | - | 3991 | 9 |
| Highland | 1125 | - | 3700 | 1226 | - | 3221 | 378 |
| Dist Comy | - | - | 8100 | 227 | - | 7873 | 0 |
| Provo City | 222 | - | 778 | 222 | - | 365 | 413 |
| Dixon Irr. | 16 | - | 288 | 76 | - | 208 | 20 |
| Pl Grove | - | - | 1800 | - | - | 1800 | 0 |
| Orem | - | - | 207 | - | - | 207 | 0 |
| Provo Bench | - | - | 1000 | 489 | - | 511 | 0 |
| Hewlett | - | - | 125 | 125 | - | - | 0 |
| Reservoir | 122462 | 39327 | | | 8383 | 33841 | 119565 |
| | 161789 | | | | | 161789 | |

Deer Creek Storage utilized 29902 acre feet.

DEER CREEK RESERVOIR
GRAND SUMMARY
STORAGE USE
YEAR ENDING
OCT. 15, 1951

| Name | Acre Feet |
|---|---|
| Deer Prjt | 54 |
| Murdock | 11672 |
| Salt Lake | 3991 |
| Highland | 3221 |
| Dist Comy | 7873 |
| Dixon Irr. | 208 |
| Pl Grove | 1800 |
| Provo City | 365 |
| Orem | 207 |
| Provo Bench | 511 |
| Total | 29902 |

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STORAGE SUMMARY DEER CREEK RESERVOIR

Year Ending October 15, 1951

Deer Creek Project

| Date | Sheet | Impd P R | Impd W R | Bot | x Sold | Loss | Dft | Bal |
|---|---|---|---|---|---|---|---|---|
| 1950 | | | | | | | | |
| Oct 15 | 49-50 | | | | | | | 119339 |
| 31 | 50 | | | | | 253 | 54 | 119032 |
| Nov 15 | 51 | | | | | 90 | | 118942 |
| 30 | 52 | | | | | 92 | | 118850 |
| Dec 15 | 53 | | | | | 35 | | 118815 |
| 28 | 54 | | | 2729 | | | | 121544 |
| 31 | 55 | | | | | 36 | | 121508 |
| 1951 | | | | | | | | |
| Jan 15 | 3-51 | | | | | 35 | | 121473 |
| 31 | 4 | | | | | 35 | | 121438 |
| Feb 15 | 5 | | | | | 52 | | 121386 |
| 28 | 6 | | | | | 41 | | 121345 |
| Mar 15 | 7 | | | | | 165 | | 121180 |
| 31 | 8 | | | | | 180 | | 121000 |
| Apl 6 | 9 | | | | 2000 | | | 119000 |
| 6 | 10 | | | | 900 | | | 118100 |
| 6 | 11 | | | | 13 | | | 118087 |
| 6 | 12 | | | | 178 | | | 117909 |
| 15 | 13 | 9269 | | | | 345 | | 126833 |
| 18 | 14 | | | | 1000 | | | 125833 |
| 30 | 15 | 5316 | | | | 366 | | 130783 |
| May 15 | 16 | 3053 | | | | 525 | | 133311 |
| 28 | 17 | | | | 1000 | | | 132311 |
| 31 | 18 | 16395 | | | | 639 | | 148067 |
| Jun 5 | 19 | | | | 200 | | | 147867 |
| 15 | 20 | 797 | | | | 743 | | 147921 |
| 27 | 21 | | | | 400 | | | 147521 |
| 30 | 22 | 350 | 14 | | | 742 | | 147143 |
| Jly 3 | 23 | | | | 2000 | | | 145143 |
| 9 | 24 | | | | 1000 | | | 144143 |
| 10 | 25 | | | | 150 | | | 143993 |
| 11 | 28 | | | | 200 | | | 143793 |

Deer Creek Project

| Date | Sheet | Impd P R | Impd W R | Bot x | Sold | Loss | Dft | Bal |
|---|---|---|---|---|---|---|---|---|
| 1951 | | | | | | | | |
| Jly 13 | 29 | | | | 2000 | | | 141793 |
| 15 | 30 | | 24 | | | 757 | | 141060 |
| 16 | 31 | | | | 125 | | | 140935 |
| 18 | 32 | | | | 2000 | | | 138935 |
| 20 | 33,33B | | | | 2000 | | | 136935 |
| 27 | 34 | | | | 1000 | | | 135935 |
| 30 | 35 | | | | 2400 | | | 133535 |
| 31 | 36 | | | | | 795 | | 132740 |
| Aug 2 | 37 | | | | 80 | | | 132660 |
| 3 | 38 | | | | 1500 | | | 131160 |
| 10 | 39 | | | | 400 | | | 130760 |
| 15 | 40 | | | | | 645 | | 130115 |
| 27 | 41 | | | | 300 | | | 129815 |
| 27 | 42 | | | | 2000 | | | 127815 |
| 31 | 43 | | | | | 675 | | 127140 |
| Sep 4 | 44 | | | | 45 | | | 127095 |
| 4 | 45 | | | | 200 | | | 126895 |
| 5 | 46 | | | | 1500 | | | 125395 |
| 10 | 47 | | | | 2000 | | | 123395 |
| 12 | 48 | | | | 300 | | | 123095 |
| 14 | 49 | | | | 1000 | | | 122095 |
| 15 | 50 | | | | | 465 | | 121630 |
| 20 | 51 | | | | 1100 | | | 120530 |
| 25 | 53 | | | | 1000 | | | 119530 |
| 30 | 54 | | | | | 432 | | 119098 |
| Oct 1 | 55 | | | | 800 | | | 118298 |
| 11 | 56 | | | | 7 | | | 118291 |
| 15 | 57 | | | | | 240 | | 118051 |
| Totals | | 35180 | 38 | 2729 | 30798 | 8383 | 54 | 118051 |
| | | 35218 | | x | | | | |
| | | 157286 | | | | | 157286 | |

EVAPORATION LOSSES

| Date | Sheet | Loss. | Alot | Bal |
|---|---|---|---|---|
| 1950 | | | | |
| Oct 15 | 49-50 | | | 0 |
| 30 | 50 | 253 | 253 | 0 |
| Nov 15 | 51 | 90 | 90 | 0 |
| 30 | 52 | 92 | 92 | 0 |
| Dec 15 | 53 | 35 | 35 | 0 |
| 31 | 55 | 36 | 36 | 0 |
| 1951 | | | | |
| Jan 15 | 3-51 | 35 | 35 | 0 |
| 31 | 4 | 35 | 35 | 0 |
| Feb 15 | 5 | 52 | 52 | 0 |
| 28 | 6 | 41 | 41 | 0 |
| Mar 15 | 7 | 165 | 165 | 0 |
| 31 | 8 | 180 | 180 | 0 |
| Apl 15 | 13 | 345 | 345 | 0 |
| 30 | 15 | 366 | 366 | 0 |
| May 15 | 16 | 525 | 525 | 0 |
| 31 | 18 | 639 | 639 | 0 |
| Jun 15 | 20 | 743 | 743 | 0 |
| 30 | 22 | 742 | 742 | 0 |
| Jly 15 | 30 | 757 | 757 | 0 |
| 31 | 36 | 795 | 795 | 0 |
| Aug 15 | 40 | 645 | 645 | 0 |
| 31 | 43 | 675 | 675 | 0 |
| Sep 15 | 50 | 465 | 465 | 0 |
| 30 | 54 | 432 | 432 | 0 |
| Oct 15 | 57 | 240 | 240 | 0 |
| Totals | | 8383 | 8383 | |

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U P & L Olmsted Plant

| Date | Sheet | Impd | Drft | Trans | Bal |
|---|---|---|---|---|---|
| 1950 | | | | | |
| Oct 15 | 49-50 | | | | 394 |
| 31 | 50 | | 432 | | -38 |
| Nov 15 | 51 | 2456 | | | 2418 |
| 30 | 52 | 4667 | | | 7085 |
| Dec 15 | 53 | 2005 | | | 9090 |
| 31 | 55 | | 153 | | 8937 |
| 1951 | | | | | |
| Jan 15 | 3-51 | | 1140 | | 7797 |
| 31 | 4 | | 1248 | | 6549 |
| Feb 15 | 5 | | 251 | | 6298 |
| 28 | 6 | | 651 | | 5647 |
| Mar 15 | 7 | | 64 | | 5583 |
| 31 | 8 | 432 | | | 6015 |
| Apl 15 | 13 | 2544 | | -8559 | 0 |
| Oct 15 | 57 | 564 | | | 564 |
| Totals | | 12668 | 3939 | 8559 | 564 |
| | | 13062 x | | 13062 | |

Provo Reservoir Water Users Company

| Date | | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|---|
| 1951 | | | | | | |
| Jly | 3 | 23 | 2000 | | | 2000 |
| | 10 | 26 | 60 | | i | 2060 |
| | 15 | 30 | 328 | | 1493 | 895 |
| | 16 | 31 | 125 | | | 1020 |
| | 20 | 33,33B | 2000 | | | 3020 |
| | 31 | 36 | | | 1519 | 1501 |
| Aug | 15 | 40 | | | 669 | 2170 |
| | 27 | 42 | 2000 | | | 4170 |
| | 31 | 43 | | | 2969 | 1201 |
| Sep | 10 | 47 | 2000 | | | 3201 |
| | 14 | 49 | 1000 | | | 4201 |
| | 15 | 50 | | | 2785 | 1416 |
| | 21 | 52 | 489 | | | 1905 |
| | 25 | 53 | 1000 | | | 2905 |
| | 30 | 54 | | | 3256 | -351 |
| Oct | 1 | 55 | 800 | | | 449 |
| | 15 | 57 | | | 319 | 130 |
| Totals | | | 11802 | | 11672 | 130 |
| | | | 11802 x | | 11802 | |

Salt Lake City Thru Aqueduct

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1950 | | | | | |
| Oct 15 | 49-50 | | | | 1366 |
| 31 | 50 | | | | 1366 |
| Nov 30 | 52 | | | | 1366 |
| Dec | 28 | | 1366 | | 0 |
| 1951 | | | | | |
| Apl 6 | 9 | 2000 | | | 2000 |
| 30 | 15 | | | | 2000 |
| May 31 | 18 | | | | 2000 |
| Jly 13 | 29 | 2000 | | | 4000 |
| 15 | 30 | | | 49 | 3951 |
| 31 | 36 | | | 355 | 3596 |
| Aug 15 | 40 | | | 785 | 2811 |
| 31 | 43 | | | 827 | 1984 |
| Sep 15 | 50 | | | 741 | 1243 |
| 30 | 54 | | | 737 | 506 |
| Oct 15 | 57 | | | 497 | 9 |
| Totals | | 4000 | 1366 | 3991 | 9 |
| | | 5366 x | | 5366 | |

Highland Conservation District

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1950 | | | | | |
| Oct 15 | 49-50 | | | | 1125 |
| 31 | 50 | | | | 1125 |
| Nov 30 | 52 | | | | 1125 |
| Dec 28 | 54 | | 1125 | | 0 |
| 1951 | | | | | |
| Apl 6 | 10-51 | 900 | | | 900 |
| 30 | 15 | | | | 900 |
| May 31 | | | | | 900 |
| June27 | 21 | 400 | | | 1300 |
| Jly 15 | 30 | | 101 | 515 | 684 |
| 30 | 35 | 2400 | | | 3084 |
| 31 | 36 | | | 635 | 2449 |
| Aug 15 | 40 | | | 307 | 2142 |
| 31 | 43 | | | 608 | 1534 |
| Sep 15 | 50 | | | 570 | 964 |
| 30 | 54 | | | 481 | 483 |
| Oct 15 | 57 | | | 105 | 378 |
| Totals | | 3700 | 1226 | 3221 | 378 |
| | | 4825 x | | 4825 | |

Utah Lake Distributing Company

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1951 | | | | | |
| Apl 18 | 14-51 | 1000 | | | 1000 |
| 30 | 15 | | | | 1000 |
| May 28 | 17 | 1000 | | | 2000 |
| 31 | 18 | | | | 2000 |
| Jly 15 | 30 | | 227 | 1213 | 560 |
| 18 | 32 | 2000 | | | 2560 |
| 31 | 36 | | | 1628 | 932 |
| Aug 3 | 38 | 1500 | | | 2342 |
| 15 | 40 | | | 652 | 1780 |
| 31 | 43 | | | 1348 | 432 |
| Sep 5 | 46 | 1500 | | | 1932 |
| 15 | 50 | | | 1320 | 612 |
| 20 | 51 | 1100 | | | 1712 |
| 30 | 54 | | | 1320 | 392 |
| Oct 15 | 57 | | | 392 | 0 |
| Totals | | 8100 | x 227 | 7873 | 0 |
| | | 8100 | | 8100 | |

PROVO CITY CORPORATION

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1950 | | | | | |
| Oct 15 | 49-50 | | | | 222 |
| 31 | 50 | | | | 222 |
| Nov 30 | 52 | | | | 222 |
| Dec 28 | 54 | | 222 | | 0 |
| 1951 | | | | | |
| Apl 6 | 12-51 | 178 | | | 178 |
| 30 | 15 | | | | 178 |
| May 31 | 18 | | | | 178 |
| Jly 11 | 28 | 200 | | | 378 |
| 15 | 30 | | | 235 | 143 |
| 31 | 36 | | | 88 | 55 |
| Aug 10 | 39 | 400 | | | 455 |
| 15 | 40 | | | 30 | 425 |
| 31 | 43 | | | 5 | 420 |
| Sep 30 | 54 | | | 7 | 413 |
| Oct 15 | 57 | | | | 413 |
| Totals | | 778 | 222 | 365 | 413 |

1000 x 1000

Dixon Irrigation Company

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1950 | | | | | |
| Oct 15 | 49-50 | | | | 16 |
| 31 | 50 | | | | 16 |
| Nov 30 | 52 | | | | 16 |
| Dec 28 | 54 | | 16 | | 0 |
| 1951 | | | | | |
| Apl 6 | 11 | 13 | | | 13 |
| 30 | 15 | | | | 13 |
| May 31 | 18 | | | | 13 |
| Jly 10 | 25 | 150 | | | 163 |
| 10 | 26 | | 60 | | 103 |
| 15 | 30 | | | 42 | 61 |
| 31 | 36 | | | 48 | 13 |
| Aug 2 | 37 | 80 | | | 93 |
| 15 | 40 | | | 45 | 48 |
| 31 | 43 | | | 48 | 0 |
| Sep 4 | 44 | 45 | | | 45 |
| 15 | 50 | | | 25 | 20 |
| 30 | 54 | | | | 20 |
| Oct 15 | 57 | | | | 20 |
| Totals | | 288 | 76 | 208 | 20 |
| | | 304 x | | 304 | |

Pleasant Grove Irrigation Company

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1951 | | | | | |
| Jly 9 | 24 | 1000 | | | 1000 |
| 15 | 30 | | | 133 | 867 |
| 31 | 36 | | | 400 | 467 |
| Aug 15 | 40 | | | 215 | 252 |
| 27 | 41 | 300 | | | 552 |
| 31 | 43 | | | 471 | 81 |
| Sep 4 | 45 | 200 | | | 281 |
| 12 | 48 | 300 | | | 581 |
| 15 | 50 | | | 450 | 131 |
| 30 | 54 | | | 131 | 0 |
| Totals | | 1800 x | | 1800 | 0 |

x x x x

Orem Metro District

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1951 | | | | | |
| Jun 5 | 19 | 200 | | | 200 |
| Jly 15 | 30 | | | 98 | 102 |
| 31 | 36 | | | 13 | 89 |
| Aug 15 | 40 | | | 2 | 87 |
| 31 | 43 | | | 36 | 51 |
| Sep 15 | 50 | | | 30 | 21 |
| 30 | 54 | | | 21 | 0 |
| Oct 11 | 56 | 7 | | | 7 |
| 15 | 57 | | | 7 | 0 |
| Totals | | 207 x | | 207 | 0 |

Provo Bench C & I Company

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1951 | | | | | |
| Jly 27 | 34 | 1000 | | | 1000 |
| 31 | 36 | | | 142 | 858 |
| Aug 15 | 40 | | | 135 | 723 |
| 31 | 43 | | | 152 | 571 |
| Sep 15 | 50 | | | 82 | 489 |
| 21 | 52 | | 489 | | 0 |
| Totals | | 1000 | 489 | 511 | 0 |
| | | 1000 x | 1000 | | |

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Hewlett Ranch Inc.

| Date | Sheet | Bot | Sold | Drft | Bal |
|---|---|---|---|---|---|
| 1951 | | | | | |
| Jly 16 | 31-51 | 125 | 125 | -- | 0 |

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Class "A" Rights (Class "A" Waters)

| Date | Sheet | Impd | Drft | Bal |
|---|---|---|---|---|
| 1951 | | | | |
| Jly 15 | 30 | 100 | | 100 |
| 31 | 36 | | 60 | 40 |
| Aug 15 | 40 | 63 | | 103 |
| 31 | 43 | | 20 | 83 |
| Sep 15 | 50 | | 83 | 0 |
| Totals | | 163 x 163 | | |

STORAGE HEAD PROVO RIVER

STORAGE HEAD PROVO RIVER SUMMARY 1951

Series D
Acre Feet

| Name | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|
| Murdock | 4378 | 494 | 425 | 160 | 4287 | 0 |
| Extension | 422 | 50 | 292 | 17 | 163 | 0 |
| Wasatch | 1529 | 250 | | 71 | 1708 | 0 |
| Timpanogos | 2253 | - | 202 | 90 | 1961 | 0 |
| Provo City | 784 | - | 784 | - | - | 0 |
| Washington | 871 | 250 | - | 45 | 1076 | 0 |
| South Kamas | - | 534 | - | 21 | 513 | 0 |
| Hewlett | - | 125 | - | 5 | 120 | 0 |
| Totals | 10237 | 1703 | 1703 | 409 | 9828 | 0 |
| | | 11940 x | | | 11940 | |

STORAGE HEAD PROVO RIVER 1951

Murdock - Provo Reservoir Water Users Company

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 1 | D1 | 4378 | | | | | 4378 |
| 15 | D2 | | | | | 308 | 4070 |
| 16 | 31-51 | | | 125 | | | 3945 |
| 28 | D4 | | | 250 | | | 3695 |
| 31 | D5 | | 494 | | 160 | 2097 | 1932 |
| Aug 4 | D6 | | | 50 | | | 1882 |
| 15 | D7 | | | | | 1882 | 0 |
| Totals | | 4378 | 494 | 425 | 160 | 4287 | 0 |
| | | 4872 | | | 4872 | | |

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Extension Irrigation Company

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 1 | D1 | 422 | | | | | 422 |
| 15 | D2 | | | | | | 422 |
| 31 | D5 | | | 292 | 17 | | 113 |
| Aug 4 | D6 | | 50 | | | | 163 |
| 15 | D7 | | | | | 163 | 0 |
| Totals | | 422 | 50 | 292 | 17 | 163 | 0 |
| | | 472 | x | | 472 | | |

STORAGE HEAD PROVO RIVER 1951

Wasatch Irrigation Company

| Date | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| 1951 | | | | | | | |
| Jly 1 | D1 | 1529 | | | | | 1529 |
| 15 | D2 | | | | | 480 | 1049 |
| 28 | D4 | | 250 | | | | 1299 |
| 31 | D5 | | | | 71 | 658 | 570 |
| Aug 15 | D7 | | | | | 570 | 0 |
| Totals | | 1529 | 250 x | | 71 | 1708 | 0 |
| | | 1779 | | | 1779 | | |

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Timpanogos Irrigation Company

| Date | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| 1951 | | | | | | | |
| Jly 1 | D1 | 2253 | | | | | 2253 |
| 15 | D2 | | | | | 440 | 1813 |
| 31 | A2 | | | 202 | | | 1611 |
| 31 | D5 | | | | 90 | 1521 | 0 |
| Totals | | 2253 | | x 202 | 90 | 1961 | 0 |
| | | 2253 | | | 2253 | | |

STORAGE HEAD PROVO RIVER 1951

Provo City Corporation

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 1 | D1 | 784 | | | | | 784 |
| 17 | D3 | | | 784 | | | 0 |
| Totals | | 784 | | 784 | | | 0 |

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Washington Irrigation Company

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 1 | D1 | 871 | | | | | 871 |
| 15 | D2 | | | | | 72 | 799 |
| 17 | D3 | | 250 | | | | 1049 |
| 31 | D5 | | | | 45 | 334 | 670 |
| Aug 15 | D7 | | | | | 54 | 616 |
| 31 | D8 | | | | | 432 | 184 |
| Sep 7 | D9 | | | | | 184 | 0 |
| Totals | | 871 | 250 | | 45 | 1076 | 0 |
| | | 1121 | | | 1121 | | |

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South Kamas Irrigation Company

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 17 | D3 | | 534 | | | | 534 |
| 31 | D5 | | | | 21 | 130 | 383 |
| Aug 15 | D7 | | | | | 21 | 362 |
| 31 | D8 | | | | | 256 | 106 |
| Sep 7 | D9 | | | | | 106 | 0 |
| Totals | | | 534 | | 21 | 513 | 0 |
| | | | 534 | | | 534 | |

STORAGE HEAD PROVO RIVER

Hewlett Ranch Company

| Date 1951 | Sheet | Impd | Bot | Sold | Loss | Drft | Bal |
|---|---|---|---|---|---|---|---|
| Jly 16 | 31-51 | | 125 | | | | 125 |
| 31 | D5 | | | | 5 | 60 | 60 |
| Aug 15 | D7 | | | | | 60 | 0 |
| Totals | | | 125 | | 5 | 120 | 0 |
| | | | 125 | | | 125 | |

Reservoirs

| Date 1951 | Sheet | Impd | Drft | Bal |
|---|---|---|---|---|
| Jly 1 | D1 | 10237 | | 10237 |
| 15 | D2 | | 1767 | 8470 |
| 31 | D5 | | 4992 | 3478 |
| Aug 15 | D7 | | 2528 | 950 |
| 31 | D8 | | 704 | 246 |
| Sep 7 | D9 | | 246 | 0 |
| Totals | | 10237 | 10237 | 0 |

ECHO STORAGE
SUMMARY
1 9 5 1
Acre Feet

| Date 1951 | Sheet | Recd Prvo Rivr | Infw | Loss | Net | Delivery Mur dock | Extn sion | Dist Comy | High land | Timp ogos |
|---|---|---|---|---|---|---|---|---|---|---|
| Jly 15 | A1 | 3005 | 99 | 120 | 2786 | 2128 | 128 | 227 | 101 | 202 |
| 15 | 30-51 | | | | | +328 | | -227 | -101 | |
| 31 | A2 | 1157 | 64 | 45 | 1048 | 600 | 448 | - | - | -202 |
| 31 | D5 | | | | | +494 | -292 | | | -202 |
| Aug 3 | A3 | 65 | 7 | 3 | 55 | 51 | 4 | | | |
| Totals | | 4227 | 170 | 168 | 3889 | 3601 | 288 | | | |
| | | | | | 3889 | 3889 | | | | |
| | | 4227 | | | 4227 | | | | | |

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WEBER RIVER
TO
PROVO RIVER
SUMMARY
1 9 5 1

Series C
Acre Feet

| Date 1951 | Sheet | Recd Prvo Rivr | Infw | Loss | Net | To Deer Lake | To Mur dock | To Utah Lake |
|---|---|---|---|---|---|---|---|---|
| Jun 30 | C1 | 793 | 33 | - | 760 | 14 | 501 | 245 |
| Jly 2 | C2 | 364 | 15 | 15 | 334 | 24 | 291 | 19 |
| Totals | | 1157 | 48 | 15 | 1094 | 38 | 792 | 264 |
| | | 1157 | | 1157 | | | 1094 | |

- - - - - -

ECHO STORAGE
SUMMARY
1 9 5 1
Acre Feet

| Date 1951 | Sheet | Recd Prvo Rivr | Infw | Loss | Net | Delivery Mur dock | Extn sion | Dist Comy | High land | Timp ogos |
|---|---|---|---|---|---|---|---|---|---|---|
| Jly 15 | A1 | 3005 | 99 | 120 | 2786 | 2128 | 128 | 227 | 101 | 202 |
| 15 | 30-51 | | | | | /328 | | -227 | -101 | |
| 31 | A2 | 1157 | 64 | 45 | 1048 | 600 | 448 | - | - | -202 |
| 31 | D5 | | | | | /494 | -292 | | | -202 |
| Aug 3 | A3 | 65 | 7 | 3 | 55 | 51 | 4 | | | |
| Totals | | 4227 | 170 | 168 | 3889 | 3601 | 288 | | | |
| | | | | | 3889 | 3889 | | | | |
| | | 4227 | | | 4227 | | | | | |

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WEBER RIVER
TO
PROVO RIVER
SUMMARY
1 9 5 1

Series C
Acre Feet

| Date 1951 | Sheet | Recd Prvo Rivr | Infw | Loss | Net | To Deer Lake | To Mur dock | To Utah Lake |
|---|---|---|---|---|---|---|---|---|
| Jun 30 | C1 | 793 | 33 | - | 760 | 14 | 501 | 245 |
| Jly 2 | C2 | 364 | 15 | 15 | 334 | 24 | 291 | 19 |
| Totals | | 1157 | 48 | 15 | 1094 | 38 | 792 | 264 |
| | | 1157 | | 1157 | | | 1094 | |

- - - - - -

DISTRIBUTION

OUTLINE DISTRIBUTION PROVO DIVISION 1951

| | May 10 Jun 20 Cfs | Jun 20 Jly 20 Cfs | Jly 20 Sep 1 Cfs | Sep 1 May 10 Cfs |
|---|---|---|---|---|
| 1. West Union, Smith, Carter | 33.47 | 30.29 | 27.23 | 27.14 |
| 2. P&N - B&Y | 2.74 | 2.49 | 2.18 | 1.96 |
| 3. Timpanogos Canal Co. | 14.12 | 12.83 | 11.29 | 11.29 |
| 4. U E Union & Faucett Fd | 15.16 | 13.73 | 12.31 | 12.19 |
| 5. ERBWCo and City Creek | 10.00 | 9.20 | 8.20 | 7.77 |
| 6. Provo City, Irr & Power | 63.08 | 59.59 | 56.28 | 53.42 |
| 7. Little Dry Creek | 8.43 | 7.67 | 6.75 | 6.75 |
| 8. Fort Field, Upper Canal | 6.36 | 5.65 | 5.08 | 4.07 |
| 9. Lake Bottom Canal | 15.93 | 14.17 | 12.75 | 10.20 |
| 10. Spring Creek Users | 7.20 | 6.55 | 5.71 | 5.14 |
| 11. Murdock Canal: | | | | |
| Blue Cliff Right | 5.57 | 9.55 | 13.31 | 13.31 |
| Wright Est Springs and River less .6, not above | 1.20 | 1.20 | 1.20 | 1.20 |
| Round Valley, not above | | 3.12 | 3.12 | 3.12 |
| Other Rights as shown | . . . | . . . | . . . | . . . |
| 12. Provo City and Orem Waterworks as shown | | | | |

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Provo City includes 26 acre water right of Provo Brick and Tile Co.
The above are net quantities as of 100% award, losses and inflows as shown.

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1951

| One share of | Is Equal To Shares Of Provo Bench | North Union | Murdock PRWUCo | Dixon Ir. Co. |
|---|---|---|---|---|
| a. Provo Bench C & I Co | - - - | 1.89 | 2.85 | 2.85 |
| b. North Union Ir. Co | 0.529 | - - - | 1.5 | 1.5 |
| c. Murdock | 0.351 | 0.663 | - - - | 1.0 |
| d. Dixon Ir. Co | 0.351 | 0.663 | 1.0 | - - - |
| | | May 10 Jun 20 Cfs | Jun 20 Jly 20 Cfs | Jly 20 May 10 Cfs |
| e. One P B Share equals | | 0.05 | .04525 | .04074 |
| f. One N U Share equals | | 0.02647 | .02395 | .02156 |
| g. One Murdock acre share on duty 57,63,70 equals | | 0.01754 | .01587 | .01429 |
| h. One Dixon acre share on duty 57,63,70, equals | | 0.01754 | .01587 | .01429 |
| i. PBC&ICO Decree 1520.4 shares | | 76.01 | 68.77 | 61.89 |
| j. Tanner Deed, Par 30, 5 shares | | 0.25 | 0.25 | 0.25 |
| K. Tanner Deed 28 shares | | 1.24 | 1.24 | 1.24 |
| l. Provo Res. Co Deed, 250 shares | | 12.50 | 11.31 | 10.18 |
| m. J.D Dixon Deed, 31 shares | | 1.55 | 1.40 | 1.26 |
| n. Provo Res Co Deed, 120 shares | | 6.00 | 5.43 | 4.89 |
| o. Total issued stock 1954.4 shares | | 97.55 | 88.40 | 79.71 |
| p. Provo Res. Co. No Certificate 617.67 acre shares, duty 57,63,70 | | 10.84 | 9.80 | 8.82 |
| q. Tanners, No Cert. 57.75 P B shrs | | 2.88 | 2.61 | 2.35 |
| r. Tanner Deeds 42.25 P B shares | | 2.11 | 1.91 | 1.72 |
| 9.00 N U Shares | | 0.24 | 0.22 | 0.19 |
| s. Dixon Ir. Co. 38.0 acre shares duty 57,63,70 | | 0.67 | 0.60 | 0.54 |
| t. Total | | 114.29 | 103.54 | 93.33 |
| NORTH OPENING: | | | | |
| u. Provo Res. Co. 615.5 acres shars on duty 57,63,70 | | 10.80 | 9.77 | 8.80 |
| v. Tanners 4.0 acres, duty 57,63,70 | | 0.07 | 0.06 | 0.06 |
| w. Dixon Ir. Co. 50 acres, Dty 57,63,70 | | 0.88 | 0.79 | 0.71 |
| x. Total North Opening | | 11.75 | 10.62 | 9.57 |
| y. PBC&ICo "storage shares" 93.94 | | 4.70 | 4.25 | 3.83 |

DISTRIBUTION PROVO BENCH CANAL 1951

| Name | Provo Bench Shares | North Union Shares | Acres Shares | Equal To PB Shares | Per Cent |
|---|---|---|---|---|---|
| PBC&ICo. | 1954.4 | - | - | 1954.4 | |
| Storage | 93.94 | - | - | 93.94 | |
| | | | | 2048.34 | 78.2 |
| Prvo Resr. W U Co | - | - | 1233.7 | 432.88 | 16.5 |
| Tanners | 57.75 | | | 57.75 | |
| | | | 4 | 1.4 | |
| | | | | 59.15 | 2.3 |
| Tanner Deeds | 42.25 | | | 42.25 | |
| | | 9 | | 4.75 | |
| | | | | 47.0 | 1.8 |
| Dixon Irr. Co | - | - | 88.0 | 30.88 | 1.2 |
| Totals | | | | 2618.25 | 100.0 |

OUTLINE DISTRIBUTION CITY CREEK 1951

Alfred Young Ditch Company:

73.7 Acres.

May 10-June 20, Duty 57, 1.29 cfs A
Jun 20-Jly 20, " 63, 1.17 " B
Jly 20-May 10, " 70, 1.05 " C

Totals

| Name | May 10 Jun 20 | Jun 20 Jly 20 | Jly 20 Sep 1 | Sep 1 May 10 |
|---|---|---|---|---|
| A B & C | 1.29 | 1.17 | 1.05 | 1.05 |
| ERBWCO | 7.96 | 7.35 | 6.56 | 6.17 |
| Rowe A Clinger | .327 | .298 | .262 | .243 |
| Birch Boyce | .300 | .281 | .246 | .229 |
| Elmer J Smith | .110 | .100 | .087 | .079 |
| Total | 10.0 | 9.2 | 8.2 | 7.77 |

- - - - - -

OUTLINE DISTRIBUTION PROVO DIVISION
1 9 5 1
LOSS AND GAIN ALLOWANCES
Second Feet

| Name | Loss Cfs | Gain Cfs |
|---|---|---|
| Provo Bench Canal | 5 | - |
| Timpanogos Canal | 2 | - |
| U E Union Canal | 2 | - |
| City Creek | 1 | - |
| Provo City: | | |
| Factory | - | 5 |
| Union | 2 | - |
| City | 1 | - |
| Tanner | 1 | 3 (5th West Drain) |
| | 4 | 8 |

Gain 4

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PROVO BENCH CANAL 1951

Maintained by lease of Class A, Blue Cliff Right and Tunnel Waters to the percent of Decree:-

| Dates | Percent |
|---|---|
| Jly 2-19 | 109 |
| 20-31 | 120 |
| Aug 1-31 | 120 |
| Sep 1-8 | 120 |
| 9- | 100 |

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OUTLINE DISTRIBUTION NATURAL RIVER
WASATCH DAM
HEAD HEBER VALLEY
1 9 5 1

Second Feet

| | Classes: 1 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total |
|---|---|---|---|---|---|---|---|---|---|
| Wasatch Canl | 49.67 | - | - | - | - | - | - | 22.33 | 72.00 |
| North Field | 32.71b | 5.95 | - | - | - | - | - | 19.34 | 58.00 |
| Timpanogos | - | - | - | - | 38.33c | - | 16.67 | 25.00 | 80.00 |
| Extension | - | - | - | - | 13.33 | - | - | 6.67 | 20.00 |
| Midway etal | 5.00 | - | - | 12.17 | - | 20.00 | - | "X" | 37.17 |
| Sagebrush | - | - | 8.33 | - | - | - | - | 4.17 | 12.50 |
| Up Charleston | 12.00 | - | - | - | - | - | 1.67 | 6.83 | 20.50 |
| Totals | 99.38 | 5.95 | 8.33 | 12.17 | 51.66 | 20.00 | 18.34 | 84.34d | 300.17 |
| Grand Totals | 99.38 | 105.33 | 113.66 | 125.83 | 177.49 | 197.49 | 215.83 | 300.17d | 300.17 |

a - Includes 5 10ss and 3 Billy Mac; 1 - Less 3 Billy Mac; "X" Depends on the flow of Snake Creek; d- Exclusive "X"; c - Includes 5 loss,

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OUTLINE DISTRIBUTION NATURAL RIVER
WOODLAND
1 9 5 1
Second Feet

| | Classes: 1 | 2 | 5 | 11 | 17 | Total |
|---|---|---|---|---|---|---|
| South Kamas | 17.50 | 10.83 | - | - | 14.17 | 42.50 |
| Washington | - | - | 21.03 | - | 10.52 | 31.55 |
| Sunrise | 4.00 | - | - | 2.40 | 3.20 | 9.60 |
| Totals | 21.50 | 10.83 | 21.03 | 2.40 | 27.89 | 83.65 |

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CANAL DISCHARGE
PROVO DIVISION

CANAL DISCHARGE PROVO DIVISION

SUMMARY

1 9 5 1

Acre Feet

| Canal | Apl | May | June | July | Aug | Sept | Oct | Total |
|---|---|---|---|---|---|---|---|---|
| Murdock | 3972 | 14448 | 18275 | 17798 | 12887 | 12103 | 2960 | 82443 |
| Provo Bench | 1305 | 8035 | 10908 | 8370 | 8147 | 7824 | - | 44769 |
| Timpanogos | - | 710 | 972 | 918 | 831 | 792 | - | 4223 |
| U E Union | 330 | 806 | 1140 | 955 | 918 | 930 | - | 5079. |
| City Creek | 984 | 1153 | 1566 | 713 | 589 | 600 | - | 5605 |
| West Union | 642 | 1190 | 2004 | 1860 | 1680 | 1392 | - | 8768 |
| P&N and B&Y | 162 | 273 | 390 | 223 | 143 | 198 | - | 1389 |
| Provo City | 1776 | 2424 | 2922 | 2468 | 2443 | 2352 | - | 14385 |
| Dry Creek | 213 | 384 | 630 | 682 | 570 | 672 | - | 3133 |
| Fort Field | - | - - | 300 | 459 | 353 | 366 | - | 1478 |
| Lake Bottom | - | 196 | 1008 | 942 | 707 | 522 | - | 3375 |
| Spring Creek | - | - | 198 | 267 | 229 | 84 | - | 778 |
| Geneva Steel Oct 15, 1950 to June 21, 1951 | | | | | | | | 5371 |

- - - - -

DEER CREEK RESERVOIR

Daily End of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct 31,51

| | November | | December | | January | | February | | March | | April | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5404.50 | 121835 | 07.50 | 128687 | 08.22 | 130374 | 07.15 | 127870 | 06.73 | 126901 | 06.81 | 127084 |
| 2 | .55 | 121947 | .50 | 128687 | .19 | 130303 | .10 | 127754 | .69 | 126809 | .84 | 127153 |
| 3 | .60 | 122059 | .60 | 128920 | .16 | 130232 | .05 | 127638 | .65 | 126717 | .88 | 127245 |
| 4 | .65 | 122171 | .80 | 129387 | .12 | 130137 | .05 | 127638 | .61 | 126625 | .94 | 127383 |
| 5 | .72 | 122328 | .85 | 129504 | .08 | 130043 | .07 | 127684 | .57 | 126533 | 07.00 | 127521 |
| 6 | .79 | 122485 | .88 | 129573 | .04 | 129948 | .10 | 127754 | .55 | 126487 | .06 | 127661 |
| 7 | .86 | 122641 | .93 | 129690 | .00 | 129853 | .07 | 127684 | .57 | 126533 | .15 | 127870 |
| 8 | .92 | 122776 | 08.00 | 129853 | 07.95 | 129736 | .05 | 127638 | .61 | 126625 | .24 | 128081 |
| 9 | .98 | 122910 | .07 | 130019 | .90 | 129620 | .05 | 127638 | .65 | 126717 | .33 | 128291 |
| 10 | 05.04 | 123045 | .13 | 130161 | .85 | 129504 | .05 | 127638 | .69 | 126809 | .42 | 128501 |
| 11 | .10 | 123182 | .19 | 130303 | .80 | 129387 | .07 | 127684 | .73 | 126901 | .51 | 128710 |
| 12 | .16 | 123318 | .25 | 130445 | .75 | 129270 | .13 | 127824 | .70 | 126832 | .60 | 128920 |
| 13 | .26 | 123544 | .28 | 130516 | .75 | 129270 | .11 | 127777 | .67 | 126763 | .72 | 129200 |
| 14 | .40 | 123832 | .31 | 130587 | .75 | 129270 | .09 | 127731 | .67 | 126763 | .85 | 129503 |
| 15 | .50 | 124089 | .33 | 130634 | .75 | 129270 | .07 | 127684 | .67 | 126763 | 08.03 | 129924 |
| 16 | .60 | 124316 | .35 | 130682 | .75 | 129270 | .05 | 127637 | .66 | 126740 | .20 | 130327 |
| 17 | .70 | 124543 | .37 | 130729 | .72 | 129200 | .03 | 127591 | .65 | 126717 | .40 | 130800 |
| 18 | 06.00 | 125223 | .38 | 130753 | .68 | 129106 | .01 | 127544 | .65 | 126717 | .60 | 131274 |
| 19 | .23 | 125752 | .39 | 130776 | .64 | 129013 | 06.98 | 127475 | .66 | 126740 | .80 | 131747 |
| 20 | .46 | 126280 | .40 | 130800 | .60 | 128920 | .95 | 127406 | .67 | 126763 | 09.00 | 132221 |
| 21 | .69 | 126809 | .39 | 130776 | .56 | 128827 | .92 | 127337 | .68 | 126786 | .18 | 132655 |
| 22 | .92 | 127337 | .38 | 130753 | .54 | 128780 | .89 | 127268 | .69 | 126809 | .32 | 132991 |
| 23 | 07.07 | 127684 | .37 | 130729 | .52 | 128734 | .86 | 127199 | .70 | 126832 | .44 | 133280 |
| 24 | .20 | 127987 | .36 | 130706 | .49 | 128664 | .83 | 127130 | .71 | 126855 | .56 | 133570 |
| 25 | .28 | 128174 | .35 | 130682 | .46 | 128594 | .80 | 127061 | .72 | 126878 | .67 | 133835 |
| 26 | .33 | 128291 | .34 | 130658 | .43 | 128524 | .79 | 127038 | .73 | 126901 | .77 | 134075 |
| 27 | .37 | 128384 | .33 | 130634 | .40 | 128454 | .78 | 127015 | .74 | 126924 | .84 | 134243 |
| 28 | .41 | 128477 | .31 | 130587 | .35 | 128338 | .77 | 126992 | .75 | 126946 | .92 | 134436 |
| 29 | .45 | 128570 | .29 | 130539 | .30 | 128221 | x | x | .76 | 126969 | 10.01 | 134653 |
| 30 | .49 | 128664 | .27 | 130492 | .25 | 128104 | x | x | .77 | 126992 | .10 | 134871 |
| 31 | x | x | .25 | 130445 | .20 | 127987 | x | x | .78 | 127015 | x | x |

DEER CREEK RESERVOIR

Daily End of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct31,1951

| | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5410.19 | 135095 | 17.16 | 152996 | 17.09 | 152807 | 13.18 | 142560 | 09.36 | 133088 | 03.79 | 120250 |
| 2 | .26 | 135266 | .10 | 152834 | .04 | 152672 | .15 | 142483 | .19 | 132679 | .66 | 119963 |
| 3 | .30 | 135364 | .13 | 152915 | 16.96 | 152457 | .08 | 142304 | .02 | 132269 | .55 | 119720 |
| 4 | .32 | 135413 | .19 | 153077 | .91 | 152324 | .15 | 142483 | 08.84 | 131842 | .50 | 119609 |
| 5 | .34 | 135462 | .22 | 153158 | .85 | 152164 | .27 | 142791 | .66 | 131416 | .47 | 119542 |
| 6 | .36 | 135511 | .20 | 153104 | .80 | 152031 | .37 | 143047 | .48 | 130990 | .46 | 119520 |
| 7 | .44 | 135707 | .17 | 153023 | .71 | 151791 | .43 | 143201 | .29 | 130539 | .45 | 119498 |
| 8 | .51 | 135878 | .19 | 153077 | .61 | 151525 | .48 | 143330 | .10 | 130090 | .45 | 119498 |
| 9 | .58 | 136049 | .20 | 153104 | .46 | 151124 | .52 | 143431 | 07.91 | 129643 | .45 | 119498 |
| 10 | .65 | 136220 | .18 | 153050 | .28 | 150645 | .53 | 143458 | .72 | 129200 | .45 | 119498 |
| 11 | .72 | 136392 | .13 | 152915 | .10 | 150165 | .36 | 143022 | .53 | 128757 | .45 | 119498 |
| 12 | .85 | 136710 | .11 | 152861 | 15.94 | 149740 | .13 | 142432 | .34 | 128314 | .45 | 119498 |
| 13 | 11.00 | 137078 | .13 | 152915 | .77 | 149292 | 12.89 | 141820 | .15 | 127870 | .45 | 119498 |
| 14 | .08 | 137277 | .19 | 153077 | .60 | 148844 | .66 | 141238 | 06.95 | 127406 | .46 | 119520 |
| 15 | .13 | 137402 | .24 | 153213 | .41 | 148433 | .43 | 140656 | .75 | 126946 | .48 | 119565 |
| 16 | .13 | 137402 | 17.27 | 153293 | .27 | 147975 | .20 | 140074 | .56 | 126510 | .50 | 119609 |
| 17 | .13 | 137402 | .29 | 153347 | .09 | 147501 | 11.98 | 139518 | .37 | 126073 | .51 | 119631 |
| 18 | .13 | 137402 | .28 | 153320 | 14.91 | 147030 | .76 | 138970 | .18 | 125637 | .52 | 119653 |
| 19 | .13 | 137402 | .25 | 153239 | .73 | 146562 | .54 | 138423 | 05.99 | 125200 | .53 | 119675 |
| 20 | .30 | 137825 | .25 | 153239 | .55 | 146094 | .35 | 137950 | .81 | 124792 | .54 | 119697 |
| 21 | .70 | 138821 | .35 | 153509 | .40 | 145704 | .18 | 137526 | .63 | 124384 | .55 | 119720 |
| 22 | 12.15 | 139948 | .33 | 153455 | .28 | 145392 | .02 | 137128 | .45 | 123975 | .56 | 119742 |
| 23 | .67 | 141263 | .21 | 153131 | .14 | 145028 | 10.86 | 136735 | .26 | 123545 | .58 | 119786 |
| 24 | 13.30 | 142868 | .11 | 152861 | .00 | 144664 | .70 | 136343 | .07 | 123114 | .62 | 119874 |
| 25 | .97 | 144587 | .10 | 152834 | 13.85 | 144279 | .55 | 135976 | 04.88 | 122686 | .68 | 120007 |
| 26 | 14.83 | 146822 | .12 | 152888 | .70 | 143894 | .40 | 135609 | .69 | 122261 | .75 | 120161 |
| 27 | 15.82 | 149423 | .13 | 152915 | .55 | 143510 | .24 | 135217 | .50 | 121835 | .80 | 120273 |
| 28 | 16.65 | 151631 | .13 | 152915 | .45 | 143252 | .08 | 134825 | .31 | 121409 | .85 | 120383 |
| 29 | 17.14 | 152942 | .11 | 152861 | .37 | 143047 | 09.90 | 134388 | .12 | 120984 | .83 | 120379 |
| 30 | .22 | 153158 | .10 | 152834 | .30 | 142868 | .72 | 133955 | 03.93 | 120561 | .81 | 120294 |
| 31 | .22 | 153158 | x | x | .25 | 142740 | .53 | 133497 | x | x | .80 | 120272 |

PROVO RESERVOIR WATER USERS COMPANY

SUMMARY

Year Ending October 15, 1951

| | Bal Oct 15 1950 | Impd | Bot | Sold | Loss | Drft | Bal Oct 15 1951 |
|---|---|---|---|---|---|---|---|
| Deer Lake | 0 | 0 | 11802 | 0 | - | 11672 | 130 |
| Head Rivr Stor | | 4378 | 494 | 425 | 160 | 4287 | 0 |
| Echo Stor | | (3601) | - | 822 | - | 2779 | 0 |
| Webr Rivr | | (792) | - | - | - | 792 | 0 |
| Totals | | 8771 | 12296 | 1247 | 160 | 19530 | 130 |
| | | 21067 | | 21067 | | | |

MURDOCK CANAL

USE OF TOTAL DISCHARGE AND

SUMMARY

Year Ending October 15, 1951

Acre Feet

| | Deer Stor | Echo Stor | Webr Rivr | Head Rivr Stor | Prvo Rivr | Total |
|---|---|---|---|---|---|---|
| Prvo Resr. Water Users | 11672 | 2779 | 792 | 4287 | | |
| Highland | 3221 | 101 | - | - | - | 3322 |
| Dist Comy | 7873 | 227 | - | - | | |
| Pl Grove | 1800 | - | - | - | - | 1800 |
| Totals | 24566 | 3107 | 792 | 4287 | 49691 | 82443 |

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MURDOCK CANAL

Daily Discharge In Second Feet of Murdock Canal
Season Ending October 15, 1951.

| Day | Apl | May | June | July | Aug | Sept | Oct |
|---|---|---|---|---|---|---|---|
| 1 | | 170.4 | 2.60.2 | 270.2 | 234.6 | 213.1 | 185.2 |
| 2 | | 170.4 | 258.6 | 270.0 | 234.6 | 210.1 | 186.6 |
| 3 | 3.3 | 164.5 | 269.4 | 291.7 | 231.5 | 211.6 | 189.5 |
| 4 | 3.9 | 163.1 | 261.3 | 283.3 | 175.2 | 211.6 | 141.6 |
| 5 | 3.3 | 165.9 | 260.2 | 279.9 | 63.5 | 211.6 | 88.0 |
| 6 | 5.6 | 188.3 | 266.7 | 288.1 | 64.0 | 213.1 | 74.4 |
| 7 | 3.3 | 204.4 | 273.3 | 283.3 | 64.0 | 214.6 | 73.4 |
| 8 | 10.9 | 202.9 | 278.3 | 288.4 | 63.1 | 214.6 | 72.4 |
| 9 | 10.9 | 207.3 | 286.4 | 291.7 | 63.1 | 214.6 | 72.4 |
| 10 | 10.9 | 218.7 | 288.1 | 290.0 | 63.1 | 211.6 | 72.4 |
| 11 | 12.6 | 231.5 | 285.0 | 290.0 | 204.0 | 214.6 | 67.3 |
| 12 | 3.3 | 251.2 | 302.0 | 291.7 | 288.4 | 216.1 | 74.4 |
| 13 | 3.3 | 251.2 | 210.6 | 291.7 | 298.2 | 213.1 | 72.4 |
| 14 | 13.3 | 254.4 | 319.3 | 291.7 | 301.6 | 211.6 | 70.3 |
| 15 | 11.4 | 247.9 | 321.1 | 295.1 | 302.0 | 210.1 | 39.7 |
| 16 | 19.4 | 242.5 | 327.7 | 298.5 | 298.5 | 208.6 | |
| 17 | 35.4 | 257.7 | 331.2 | 303.7 | 293.4 | 208.6 | |
| 18 | 42.4 | 258.6 | 337.1 | 300.2 | 288.4 | 201.2 | |
| 19 | 44.1 | 258.6 | 338.9 | 300.2 | 291.4 | 193.3 | |
| 20 | 64.8 | 266.7 | 328.2 | 300.2 | 252.1 | 191.4 | |
| 21 | 103.8 | 268.3 | 321.1 | 300.2 | 223.8 | 186.6 | |
| 22 | 128.9 | 268.3 | 321.1 | 300.2 | 223.8 | 186.6 | |
| 23 | 159.9 | 273.3 | 327.7 | 295.1 | 217.7 | 186.6 | |
| 24 | 172.2 | 273.3 | 324.1 | 290.0 | 211.6 | 186.6 | |
| 25 | 175.0 | 262.9 | 322.9 | 290.0 | 213.1 | 186.6 | |
| 26 | 185.0 | 266.2 | 322.9 | 290.0 | 213.1 | 185.2 | |
| 27 | 182.4 | 267.8 | 322.9 | 285.0 | 213.1 | 185.2 | |
| 28 | 189.1 | 251.7 | 330.0 | 279.9 | 213.4 | 183.8 | |
| 29 | 190.9 | 255.3 | 340.1 | 281.0 | 213.1 | 183.8 | |
| 30 | 188.6 | 261.8 | 300.9 | 253.7 | 213.1 | 185.2 | |
| 31 | x | 261.8 | x | 234.6 | 213.1 | x | |
| Mean | 70.9 | 233.0 | 304.6 | 287.1 | 207.9 | 201.7 | 98.7 |
| Aft | 3972 | 14448 | 18275 | 17798 | 12887 | 12103 | 2960 |

Grant Total 82,443 Acre Feet

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1951
1.25' x 14.3' Suppressed Weir and Burnham Submerged Orifice.

| | April | | | | | | May | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Weir | | B S O | | | Tot | Weir | | B S O | | | Tot |
| | G | Cfs | G | A | Cfs | Cfs | G | Cfs | G | A | Cfs | Cfs |
| 1 | | | | | | | | 0 | Ap | | 5.0 | 5.0 |
| 2 | | | | | | 0 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | 110 | 61.4 | 1/2 | 6 | 6.0 | 67.4 |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | 0 | 130 | 80.2 | 1/4 | | 4.3 | 84.5 |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | 0 | 134 | 84.2 | 7 | | 22.4 | 106.6 |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | 139 | 80.2 | 7 1/2 | | 23.2 | 103.4 |
| 14 | | | | | | 0 | | | | | | |
| 15 | | | | | | | 168 | 121.2 | 9 | | 25.4 | 146.6 |
| 16 | 138 | 88.2 | | | 0 | 88.2 | | | | | | |
| 17 | | | | | | | 147 | 97.7 | 10 | | 26.8 | 124.5 |
| 18 | 115 | 65.9 | 2 | 6 | 12.0 | 77.9 | 179 | 134.2 | 10 | | 26.8 | 161.0 |
| 19 | | | | | | | 180 | 135.5 | 10 | | 26.8 | 162.3 |
| 20 | - | 64.9 | 2 | | 12.0 | 76.9 | | | | | | |
| 21 | | | | | | | 136 | 86.2 | 10 | | 26.8 | 113.0 |
| 22 | 84 | 40.1 | 2 | | 12.0 | 52.1 | 157 | 108.6 | 10 | | 26.8 | 135.4 |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | 182 | 137.9 | 10 | | 26.8 | 164.7 |
| 25 | | 0 | Ap | | 5.0 | 5.0 | 180 | 135.5 | 10 | | 26.8 | 162.3 |
| 26 | | | | | | | 180 | 135.5 | 10 | | 26.8 | 162.3 |
| 27 | | 0 | Ap | | 5.0 | 5.0 | 186 | 142.8 | 10 | | 26.8 | 168.6 |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | 186 | 142.8 | 10 | | 26.8 | 168.6 |
| 30 | 41 | 13.4 | 1/2 | | 6.0 | 19.4 | 184 | 140.4 | 10 | | 26.8 | 167.2 |
| 31 | x | x | x | | x | x | | | | | | |
| Mean | | | | | | 46.4 | | | | | | 129.6 |
| Aft | | | | | | 1485 | | | | | | 8035 |

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1951

| | June | | | | | | July | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Weir | | | B S O | | Tot | Weir | | | B S O | | Tot |
| | G | Cfs | G | A | Cfs | Cfs | G | Cfs | G | A | Cfs | Cfs |
| 1 | 205 | 167.2 | 10 | 6 | 26.8 | 194.0 | 190 | 147.9 | 11 | 6 | 28.1 | 176.0 |
| 2 | 176 | 130.6 | 10 | | 26.8 | 157.4 | 174 | 128.2 | 1 5/8 | | 10.8 | 139.0 |
| 3 | 178 | 133.0 | 10 | | 26.8 | 159.8 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 4 | | | | | | | 168 | 121.2 | " | | 10.8 | 132.0 |
| 5 | 197 | 156.8 | 11 | | 28.1 | 184.9 | 171 | 124.7 | " | | 10.8 | 135.5 |
| 6 | 205 | 167.2 | 11 | | 28.1 | 195.3 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 7 | 206 | 168.6 | 11 | | 28.1 | 196.7 | 168 | 121.2 | " | | 10.8 | 132.0 |
| 8 | 197 | 156.8 | 11 | | 28.1 | 184.9 | 170 | 123.5 | " | | 10.8 | 134.3 |
| 9 | 197 | 156.8 | 11 | | 28.1 | 184.9 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 10 | 197 | 156.8 | 11 | | 28.1 | 184.9 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 11 | | | | | | | 170 | 123.5 | " | | 10.8 | 134.3 |
| 12 | 188 | 145.4 | 16 1/2 | | 34.4 | 179.8 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 13 | 188 | 145.4 | " | | 34.4 | 179.8 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 14 | 186 | 142.8 | 11 | | 28.1 | 170.9 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 15 | 184 | 140.4 | 11 | | 28.1 | 168.5 | 168 | 121.2 | " | | 10.8 | 132.0 |
| 16 | 188 | 145.4 | 16.5 | | 34.4 | 179.8 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 17 | 192 | 150.4 | 16.5 | | 34.4 | 184.8 | 169 | 122.3 | " | | 10.8 | 133.1 |
| 18 | 192 | 150.4 | 16.5 | | 34.4 | 184.8 | | | | | | |
| 19 | | | | | | | 172 | 125.8 | 3 | 4.5 | 11.0 | 136.8 |
| 20 | 192 | 150.4 | 16.5 | | 34.4 | 184.8 | 174 | 128.2 | 2 3/8 | | 9.3 | 137.5 |
| 21 | | | | | | | | | | | | |
| 22 | 196 | 155.5 | 11 | | 28.1 | 183.6 | 176 | 130.6 | " | | 9.3 | 139.9 |
| 23 | 196 | 155.5 | 11 | | 28.1 | 183.6 | 168 | 121.2 | " | | 9.3 | 130.5 |
| 24 | | | | | | | 171 | 124.7 | " | | 9.3 | 134.0 |
| 25 | | | | | | | 169 | 122.3 | " | | 9.3 | 131.6 |
| 26 | 200 | 160.7 | 11 | | 28.1 | 188.8 | 170 | 123.5 | " | | 9.3 | 132.8 |
| 27 | 200 | 160.7 | 11 | | 28.1 | 188.8 | 169 | 122.3 | " | | 9.3 | 131.6 |
| 28 | 200 | 160.7 | 11 | | 28.1 | 188.8 | 168 | 121.2 | " | | 9.3 | 130.5 |
| 29 | 182 | 137.9 | 11 | | 28.1 | 166.0 | 170 | 123.5 | " | | 9.3 | 132.8 |
| 30 | 200 | 160.7 | 11 | | 28.1 | 188.8 | 170 | 123.5 | 2.5 | | 10.0 | 133.5 |
| 31 | x | x | x | | x | x | 169 | 122.3 | 2 3/8 | | 9.3 | 131.6 |
| Mean | | | | | | 181.8 | | | | | | 135.0 |
| Aft | | | | | | 10908 | | | | | | 8370 |

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1951

| | August | | | | | | | September | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Weir | | B S O | | | | Tot | Weir | | B S O | | | | Tot |
| | G | Cfs | G | | A | Cfs | Cfs | G | Cfs | G | | A | Cfs | Cfs |
| 1 | 169 | 122.3 | 2 | 3/8 | 4.5 | 9.3 | 131.6 | 171 | 124.7 | 2 | 3/8 | 4.5 | 9.3 | 134.0 |
| 2 | 169 | 122.3 | " | | | 9.3 | 131.6 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 3 | 170 | 123.5 | " | | | 9.3 | 132.8 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 4 | 170 | 123.5 | " | | | 9.3 | 132.8 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 5 | 169 | 122.3 | " | | | 9.3 | 131.6 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 6 | 169 | 122.3 | " | | | 9.3 | 131.6 | 168 | 121.2 | " | | | 9.3 | 130.5 |
| 7 | 168 | 121.2 | " | | | 9.3 | 130.5 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 8 | 168 | 121.2 | " | | | 9.3 | 130.5 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 9 | 168 | 121.2 | " | | | 9.3 | 130.5 | | | | | | | |
| 10 | 169 | 122.3 | " | | | 9.3 | 131.6 | 166 | 118.8 | " | | | 9.3 | 128.1 |
| 11 | | | | | | | | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 12 | 168 | 121.2 | " | | | 9.3 | 130.5 | 167 | 120.0 | " | | | 9.3 | 129.3 |
| 13 | 169 | 122.3 | " | | | 9.3 | 131.6 | 169 | 122.3 | " | | | 9.3 | 131.6 |
| 14 | 169 | 122.3 | " | | | 9.3 | 131.6 | 167 | 120.0 | " | | | 9.3 | 129.3 |
| 15 | 169 | 122.3 | " | | | 9.3 | 131.6 | 173 | 127.0 | " | | | 9.3 | 136.3 |
| 16 | 169 | 122.3 | " | | | 9.3 | 131.6 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 17 | 169 | 122.3 | " | | | 9.3 | 131.6 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 18 | 169 | 122.3 | " | | | 9.3 | 131.6 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 19 | 169 | 122.3 | " | | | 9.3 | 131.6 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 20 | 168 | 121.2 | " | | | 9.3 | 130.5 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 21 | 169 | 122.3 | " | | | 9.3 | 131.6 | 180 | 135.5 | " | | | 9.3 | 144.8 |
| 22 | 169 | 122.3 | " | | | 9.3 | 131.6 | 160 | 112.0 | 2 | | | 9.0 | 121.0 |
| 23 | 169 | 122.3 | " | | | 9.3 | 131.6 | 146 | 96.6 | 2 | | | 9.0 | 105.6 |
| 24 | 169 | 122.3 | " | | | 9.3 | 131.6 | | | | | | | |
| 25 | 169 | 122.3 | " | | | 9.3 | 131.6 | 141 | 91.3 | 2 | | | 9.0 | 100.3 |
| 26 | 169 | 122.3 | " | | | 9.3 | 131.6 | | | | | | | |
| 27 | 169 | 122.3 | " | | | 9.3 | 131.6 | 141 | 91.3 | 2 | | | 9.0 | 100.3 |
| 28 | 168 | 121.2 | " | | | 9.3 | 130.5 | | | | | | | |
| 29 | 168 | 121.2 | " | | | 9.3 | 130.5 | 165 | 117.7 | 2 | | | 9.0 | 126.7 |
| 30 | 169 | 122.3 | " | | | 9.3 | 131.6 | 165 | 117.7 | 2 | | | 9.0 | 126.7 |
| 31 | 170 | 123.5 | " | | | 9.3 | 132.8 | x | x | x | | | x | x |
| Mean | | | | | | | 131.4 | | | | | | | 130.4 |
| Aft | | | | | | | 8147 | | | | | | | 7824 |

Total April-October 44,769 Acre Feet

TIMPANOGUS CANAL COMPANY CANAL

Daily Discharge in Second Feet of Timpanogus Canal Company Canal
Nine-Foot Burnham Submerged Orifice April-September 1951.

| | April | | | May | | | June | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | A | Cfs | G | A | Cfs | G | A | Cfs |
| 1 | | | | | | | 3 5/8 | 6 | 15.3 |
| 2 | | | | | | 0 | 3 1/2 | | 15.8 |
| 3 | | | 4 | | | | 3 | | 14.7 |
| 4 | | | | | | | | | |
| 5 | | | 4 | | | | 4 5/8 | | 18.2 |
| 6 | | | | | | | | | |
| 7 | | | | 3 7/8 | 6 | 16.7 | 3 5/8 | | 16.1 |
| 8 | | | | | | | | | |
| 9 | | | 4 | 2 | | 12.0 | 3 7/8 | | 16.7 |
| 10 | | | | | | | 3 3/4 | | 16.4 |
| 11 | | | 4 | 1 3/4 | | 11.2 | | | |
| 12 | | | | | | | 2 3/4 | | 14.0 |
| 13 | | | | 1 7/8 | | 11.6 | 3 1/2 | | 15.8 |
| 14 | | | 4 | | | | 3 3/4 | | 16.4 |
| 15 | | | | 1 7/8 | | 11.6 | 4 | | 17.0 |
| 16 | | | 4 | | | | 3 5/8 | | 16.1 |
| 17 | | | | 2 1/8 | | 12.4 | | | |
| 18 | | | 0 | 2 | | 12.0 | 3 3/4 | | 16.4 |
| 19 | | | | 1 3/4 | | 11.2 | | | |
| 20 | | | 0 | | | | 3 1/2 | | 15.8 |
| 21 | | | | 4 | | 17.0 | | | |
| 22 | | | 0 | 3 3/4 | | 16.4 | 3 3/4 | | 16.4 |
| 23 | | | | | | | 3 7/8 | | 16.7 |
| 24 | | | | 3 | | 14.7 | | | |
| 25 | | | 0 | 3 1/2 | | 15.8 | | | |
| 26 | | | | | | | 3 3/4 | | 16.4 |
| 27 | | | 0 | 3 1/2 | | 15.8 | 3 3/4 | | 16.4 |
| 28 | | | | | | | 3 7/8 | | 16.7 |
| 29 | | | | 5 1/8 | | 19.3 | 3 3/4 | | 16.4 |
| 30 | | | 0 | 3 | | 14.7 | 3 3/4 | | 16.4 |
| 31 | x | | x | | | | x | | x |
| Mean | | | - | | | 14.2 | | | 16.2 |
| Aft | | | o | | | 710 | | | 972 |

TIMPANOGUS CANAL COMPANY CANAL

Daily Discharge in Second Feet of Timpanogus Canal Company Canal
April-September 1951

| | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | A | Cfs | G | A | Cfs | G | A | Cfs |
| 1 | 3 1/4 | 6 | 15.3 | 3 | 6 | 14.7 | 2 1/2 | 6 | 13.4 |
| 2 | 3 | | 14.7 | 2 5/8 | | 13.7 | 2 1/2 | | 13.4 |
| 3 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 4 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 5 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 6 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 7 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 8 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 9 | 3 | | 14.7 | 2 1/2 | | 13.4 | | | |
| 10 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 11 | 2 3/4 | | 14.0 | | | | 2 1/2 | | 13.4 |
| 12 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 3/8 | | 13.1 |
| 13 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 1/4 | | 12.7 |
| 14 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 3/8 | | 13.1 |
| 15 | 2 7/8 | | 14.3 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 16 | 2 7/8 | | 14.3 | 2 1/2 | | 13.4 | 2 3/8 | | 13.1 |
| 17 | 2 7/8 | | 14.3 | 2 1/2 | | 13.4 | 2 | | 12.0 |
| 18 | | | | 2 1/2 | | 13.4 | 2 1/4 | | 12.7 |
| 19 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 20 | 3 3/8 | | 15.6 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 21 | | | | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 22 | 4 3/8 | | 17.8 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 23 | 4 3/8 | | 17.8 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 24 | 3 | | 14.7 | 2 1/2 | | 13.4 | | | |
| 25 | 3 1/2 | | 15.8 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 26 | 3 1/2 | | 15.8 | 2 1/2 | | 13.4 | | | |
| 27 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 28 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | | | |
| 29 | 3 | | 14.7 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 |
| 30 | 2 3/4 | | 14.0 | 2 1/2 | | 13.4 | 2 | | 12.0 |
| 31 | 2 1/2 | | 13.4 | 2 1/2 | | 13.4 | x | | x |
| Mean | | | 14.8 | | | 13.4 | | | 13.2 |
| Aft | | | 918 | | | 831 | | | 792 |

Grand Total April-September 4,223 Acre Feet

UPPER EAST UNION CANAL

Daily Discharge in Second Feet of Upper East Union Canal Apl-Sept 1951
1' x 7' Suppressed Weir

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | 80 | 18.6 | 78 | 17.8 | 69 | 14.8 | 73 | 16.1 |
| 2 | | | 47 | 8.1 | | | 72. | 15.8 | 69 | 14.8 | 70 | 15.0 |
| 3 | 23 | 2.8 | | | 71 | 15.4 | 72 | 15.8 | 70 | 15.0 | 68 | 14.4 |
| 4 | | | | | | | 71 | 15.4 | 71 | 15.4 | 68 | 14.4 |
| 5 | 23 | 2.8 | | | 78 | 17.8 | 72 | 15.8 | 72 | 15.8 | 69 | 14.8 |
| 6 | | | | | | | 72 | 15.8 | 69 | 14.8 | 68 | 14.4 |
| 7 | | | 40 | 6.4 | 80 | 18.6 | 71 | 15.4 | 68 | 14.4 | 69 | 14.8 |
| 8 | | | | | | | 72 | 15.8 | 68 | 14.4 | 69 | 14.8 |
| 9 | | 0 | 58 | 11.3 | 80 | 18.6 | 72 | 15.8 | 68 | 14.4 | | |
| 10 | | | | | 84 | 20.1 | 72 | 15.8 | 69 | 14.8 | 76 | 17.2 |
| 11 | | 0 | 60 | 11.8 | | | 72 | 15.8 | | | 75 | 16.8 |
| 12 | | | | | 81 | 19.0 | 71 | 15.4 | 69 | 14.8 | 72 | 15.8 |
| 13 | | | Est | 1.0 | 79 | 18.2 | 71 | 15.4 | 69 | 14.8 | 72 | 15.8 |
| 14 | 18 | 2.1 | | | 81 | 19.0 | 71 | 15.4 | 70 | 15.0 | 74 | 16.4 |
| 15 | | | 68 | 14.4 | 90 | 22.4 | 71 | 15.4 | 70 | 15.0 | 68 | 14.4 |
| 16 | | 0 | | | 86 | 20.9 | 71 | 15.4 | 69 | 14.8 | 68 | 14.4 |
| 17 | | | 67 | 14.1 | | | 71 | 15.4 | 67 | 14.1 | 68 | 14.4 |
| 18 | 67 | 14.1 | 64 | 13.2 | 80 | 18.6 | | | 66 | 13.8 | 68 | 14.4 |
| 19 | | | 70 | 15.0 | | | 71 | 15.4 | 69 | 14.8 | 68 | 14.4 |
| 20 | 55 | 10.4 | | | 80 | 18.6 | 70 | 15.0 | 70 | 15.0 | 68 | 14.4 |
| 21 | | | 72 | 15.8 | | | | | 68 | 14.4 | 68 | 14.4 |
| 22 | 47 | 8.1 | 67 | 14.1 | 79 | 18.2 | 68 | 14.4 | 69 | 14.8 | 73 | 16.1 |
| 23 | | | | | 80 | 18.6 | 68 | 14.4 | 70 | 15.0 | 77 | 17.5 |
| 24 | | | 64 | 13.2 | | | 69 | 14.8 | 69 | 14.8 | | |
| 25 | 49 | 8.7 | 67 | 14.1 | | | 69 | 14.8 | 69 | 14.8 | 77 | 17.5 |
| 26 | | | | | 85 | 20.5 | 70 | 15.0 | 69 | 14.8 | | |
| 27 | 48 | 8.4 | 70 | 15.0 | 83 | 19.7 | 69 | 14.8 | 68 | 14.4 | 77 | 17.5 |
| 28 | | | | | 81 | 19.0 | 69 | 14.8 | 68 | 14.4 | | |
| 29 | | | 95. | 24.4 | 83 | 19.7 | 69 | 14.8 | 68 | 14.4 | 72 | 15.8 |
| 30 | 49 | 8.7 | 74 | 16.4 | 81 | 19.0 | 69 | 14.8 | 68 | 14.4 | 73 | 16.1 |
| 31 | x | x | | | x | x | 73 | 16.1 | 73 | 16.1 | x | x |
| Mean | | 5.5 | | 13.0 | | 19.0 | | 15.4 | | 14.8 | | 15.5 |
| Aft | | 330 | | 806 | | 1140 | | 955 | | 918 | | 930 |

Grand Total Spril-September 5,079 Acre 7

CITY CREEK

Daily Discharge in Second Feet Of City Creek. April-Sept 1951
1' x 7' Suppressed Weir.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | 100 | 26.5 | 79 | 18.2 | 52 | 9.5 | 55 | 10.4 |
| 2 | | | 93 | 23.6 | | | 69 | 14.8 | 52 | 9.5 | 53 | 9.8 |
| 3 | 70 | 15.0 | | | 88 | 21.6 | 59 | 11.6 | 53 | 9.8 | 51 | 9.2 |
| 4 | | | | | | | 59 | 11.6 | 54 | 10.1 | 51 | 9.2 |
| 5 | 70 | 15.0 | | | 88 | 21.6 | 60 | 11.8 | 56 | 10.7 | 52 | 9.5 |
| 6 | | | | | | | 59 | 11.6 | 51 | 9.2 | 52 | 9.5 |
| 7 | | | 92 | 23.2 | 92 | 23.2 | 58 | 11.3 | 51 | 9.2 | 53 | 9.8 |
| 8 | | | | | | | 60 | 11.8 | 51 | 9.2 | 53 | 9.8 |
| 9 | 82 | 19.3 | 76 | 17.2 | 92 | 23.2 | 60 | 11.8 | 51 | 9.2 | | |
| 10 | | | | | 97 | 25.3 | 60 | 11.8 | 52 | 9.5 | 57 | 11.0 |
| 11 | 79 | 18.2 | 73 | 16.1 | | | 60 | 11.8 | | | 57 | 11.0 |
| 12 | | | | | 88 | 21.6 | 59 | 11.6 | 52 | 9.5 | 55 | 10.4 |
| 13 | | | 100 | 26.5 | 86 | 20.9 | 58 | 11.3 | 52 | 9.5 | 55 | 10.4 |
| 14 | 18 | 2.1 | | | 86 | 20.9 | 58 | 11.3 | 52 | 9.5 | 56 | 10.7 |
| 15 | | | 58 | 11.3 | 80 | 18.6 | 58 | 11.3 | 52 | 9.5 | 52 | 9.5 |
| 16 | 57 | 5.7 | | | 110 | 30.9 | 58 | 11.3 | 51 | 9.2 | 51 | 9.2 |
| 17 | | | 63 | 12.8 | | | 58 | 11.3 | 51 | 9.2 | 51 | 9.2 |
| 18 | 58 | 11.3 | 57 | 11.0 | 130 | 40.4 | | | 50 | 9.0 | 51 | 9.2 |
| 19 | | | 58 | 11.3 | | | 58 | 11.3 | 52 | 9.5 | 51 | 9.2 |
| 20 | 78 | 17.8 | | | 126 | 38.4 | 58 | 11.3 | 52 | 9.5 | 51 | 9.2 |
| 21 | | | 74 | 16.4 | | | | | 51 | 9.2 | 51 | 9.2 |
| 22 | 88 | 21.6 | 71 | 15.4 | 130 | 40.4 | 57 | 11.0 | 52 | 9.5 | 54 | 10.1 |
| 23 | | | | | 130 | 40.4 | 56 | 10.7 | 53 | 9.8 | 57 | 11.0 |
| 24 | | | 57 | 11.0 | | | 57 | 11.0 | 52 | 9.5 | | |
| 25 | 92 | 23.2 | 80 | 18.6 | | | 57 | 11.0 | 51 | 9.2 | 58 | 11.3 |
| 26 | | | | | 90 | 22.4 | 56 | 10.7 | 51 | 9.2 | | |
| 27 | 94 | 24.0 | 88 | 21.6 | 87 | 21.3 | 56 | 10.7 | 51 | 9.2 | 57 | 11.0 |
| 28 | | | | | 88 | 21.6 | 52 | 9.5 | 51 | 9.2 | | |
| 29 | | | 100 | 26.5 | 88 | 21.6 | 53 | 9.8 | 51 | 9.2 | 53 | 9.8 |
| 30 | 94 | 24.0 | 120 | 35.5 | 87 | 21.3 | 53 | 9.8 | 51 | 9.2 | 54 | 10.1 |
| 31 | x | x | | | x | x | 54 | 10.1 | 54 | 10.1 | x | x |
| Mean | | 16.4 | | 18.6 | | 26.1 | | 11.5 | | 9.5 | | 10.0 |
| Aft | | 984 | | 1153 | | 1566 | | 713 | | 589 | | 600 |

Grand Total April-September 5,605 Acre Feet

WEST UNION CANAL

Daily Discharge in Second Feet of West Union Canal, April-Sept 1951
1' x 12' Suppressed Weir.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | 60 | 20.3 | 82 | 33.1 | 72 | 27.0 | 77 | 30.0 |
| 2 | | | 20 | 4.0 | | | 76 | 29.4 | 72 | 27.0 | 75 | 28.8 |
| 3 | | 0.5 | | | 67 | 24.1 | 80 | 31.9 | 73 | 27.6 | 72 | 27.0 |
| 4 | | | | | | | 78 | 30.6 | 75 | 28.8 | 73 | 27.6 |
| 5 | 22 | 4.6 | | | 80 | 31.9 | 80 | 31.9 | 75 | 28.8 | 74 | 28.2 |
| 6 | | | | | | | 79 | 31.2 | 68 | 24.7 | 73 | 27.6 |
| 7 | | | 41 | 11.4 | 87 | 36.5 | 78 | 30.6 | 67 | 24.1 | 74 | 28.2 |
| 8 | | | | | | | 80 | 31.9 | 67 | 24.1 | 74 | 28.2 |
| 9 | 34 | 8.6 | 54 | 17.3 | 86 | 35.8 | 80 | 31.9 | 74 | 28.2 | | |
| 10 | | | | | 87 | 36.5 | 80 | 31.9 | 80 | 31.9 | 73 | 27.6 |
| 11 | 34 | 8.6 | 54 | 17.3 | | | 80 | 31.9 | | | 72 | 27.0 |
| 12 | | | | | 83 | 33.8 | 78 | 30.6 | 72 | 27.0 | 66 | 23.6 |
| 13 | | | 51 | 15.8 | 86 | 35.8 | 79 | 31.2 | 72 | 27.0 | 66 | 23.6 |
| 14 | 44 | 12.6 | | | 88 | 37.1 | 78 | 30.6 | 72 | 27.0 | 66 | 23.6 |
| 15 | | | 57 | 18.8 | 88 | 37.1 | 80 | 31.9 | 73 | 27.6 | 61 | 20.9 |
| 16 | 41 | 11.4 | | | 90 | 38.4 | 80 | 31.9 | 72 | 27.0 | 60 | 20.3 |
| 17 | | | 58 | 19.3 | | | 78 | 30.6 | 71 | 26.4 | 60 | 20.3 |
| 18 | 55 | 17.8 | 60 | 20.3 | 91 | 39.1 | | | 69 | 25.3 | 60 | 20.3 |
| 19 | | | 58 | 19.3 | | | 79 | 31.2 | 75 | 28.8 | 60 | 20.3 |
| 20 | 59 | 19.8 | | | 89 | 37.8 | 78 | 30.6 | 75 | 28.8 | 60 | 20.3 |
| 21 | | | 58 | 19.3 | | | | | 71 | 26.4 | 58 | 19.3 |
| 22 | 50 | 15.4 | 60 | 20.3 | 68 | 24.7 | 76 | 29.4 | 71 | 26.4 | 62 | 21.4 |
| 23 | | | | | 70 | 25.8 | 74 | 28.2 | 73 | 27.6 | 66 | 23.6 |
| 24 | | | 66 | 23.6 | | | 72 | 27.0 | 72 | 27.0 | | |
| 25 | 46 | 13.6 | 62 | 21.4 | | | 72 | 27.0 | 72 | 27.0 | 47 | 13.9 |
| 26 | | | | | 79 | 31.2 | 72 | 27.0 | 71 | 26.4 | | |
| 27 | 44 | 12.6 | 75 | 28.8 | 86 | 35.8 | 72 | 27.0 | 72 | 27.0 | 44 | 12.6 |
| 28 | | | | | 84 | 34.4 | 71 | 26.4 | 71 | 26.4 | | |
| 29 | | | 70 | 25.8 | 86 | 35.8 | 72 | 27.0 | 70 | 25.8 | 60 | 20.3 |
| 30 | 18 | 3.1 | 69 | 25.3 | 86 | 35.8 | 72 | 27.0 | 72 | 27.0 | 59 | 19.8 |
| 31 | x | x | | | x | x | 76 | 29.4 | 77 | 30.0 | x | x |
| Mean | | 10.7 | | 19.2 | | 33.4 | | 30.0 | | 27.1 | | 23.2 |
| Aft | | 642 | | 1190 | | 2004 | | 1860 | | 1680 | | 1392 |

Grand Total April-September 8,768 Acre Feet

PARK & NUTTAL AND BARTON & YOUNG DITCHES

Daily Discharge in Second Feet of Park & Nuttal and Barton & Young Ditches.
2 Foot Parshalls. April-Sept 1951

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | Ap | 8. | 90 | 6.8 | | 0 | 72 | 4.8 |
| 2 | | | 90 | 6.8 | | | 74 | 5.0 | | 0 | 72 | 4.8 |
| 3 | | | | | 100 | 8.0 | 77 | 5.3 | | 0 | | 0 |
| 4 | | | | | | | 74 | 5.0 | | 0 | | 0 |
| 5 | | | | | 92 | 7.0 | 80 | 5.7 | 74 | 5.0 | | 0 |
| 6 | | | | | | | 80 | 5.7 | 67 | 4.3 | | 0 |
| 7 | | | 67 | 4.3 | 92 | 7.0 | 76 | 5.2 | 67 | 4.3 | 72 | 4.8 |
| 8 | | | | | | | 76 | 5.2 | 67 | 4.3 | 72 | 4.8 |
| 9 | | | 65 | 4.1 | 92 | 7.0 | 76 | 5.2 | | 0 | | |
| 10 | | | | | 82 | 5.9 | 76 | 5.2 | | 0 | 72 | 4.8 |
| 11 | | | 58 | 3.4 | | | 76 | 5.2 | | | | 0 |
| 12 | | | | | 80 | 5.7 | 76 | 5.2 | 70 | 4.6 | | 0 |
| 13 | | | 61 | 3.7 | 75 | 5.1 | 76 | 5.2 | 67 | 4.3 | | 0 |
| 14 | | | | | 75 | 5.1 | | 0 | 67 | 4.3 | | 0 |
| 15 | | | 50 | 2.7 | 75 | 5.1 | | 0 | 70 | 4.6 | 71 | 4.7 |
| 16 | 74 | 5.0 | | | 100 | 8.0 | | 0 | 70 | 4.6 | 68 | 4.4 |
| 17 | | | 53 | 3.0 | | | | 0 | | 0 | 68 | 4.4 |
| 18 | 44 | 2.2 | 53 | 3.0 | 100 | 8.0 | | | | 0 | 68 | 4.4 |
| 19 | | | 53 | 3.0 | | | 80 | 5.7 | | 0 | 68 | 4.4 |
| 20 | 80 | 5.7 | | | 100 | 8.0 | 79 | 5.6 | | 0 | 68 | 4.4 |
| 21 | | | 53 | 3.0 | | | | | 66 | 4.2 | 68 | 4.4 |
| 22 | 80 | 5.7 | 59 | 3.5 | 100 | 8.0 | 78 | 5.4 | 66 | 4.2 | | |
| 23 | | | | | 100 | 8.0 | | 0 | 67 | 4.3 | 82 | 5.9 |
| 24 | | | | | | | | 0 | 66 | 4.2 | | |
| 25 | 85 | 6.2 | 58 | 3.4 | | | | 0 | | 0 | 84 | 6.1 |
| 26 | | | | | 81 | 5.8 | | 0 | | 0 | | |
| 27 | 85 | 6.2 | 78 | 5.4 | 81 | 5.8 | 70 | 4.6 | | 0 | 84 | 6.1 |
| 28 | | | | | 51 | 2.8 | 70 | 4.6 | | 0 | | |
| 29 | | | ap | 8.0 | 81 | 5.8 | 70 | 4.6 | 64 | 4.0 | 84 | 6.1 |
| 30 | 90 | 6.8 | ap | 8.0 | 90 | 6.8 | 70 | 4.6 | 66 | 4.2 | 68 | 4.4 |
| 31 | x | x | | | x | x | | 0 | 72 | 4.8 | x | x |
| Mean | | 5.4 | | 4.4 | | 6.5 | | 3.6 | | 2.3 | | 3.3 |
| Aft | | 162 | | 273 | | 390 | | 223 | | 143 | | 198 |

Grand Total April-September 1,389 Acre Feet

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race. April-Sept. 1951. Union Canal 1.5' x 8' Supp. Weir; Factory Race 1' x 12' Supp. Weir; City Race 1' x 8' Supp. Weir; and Tanner Race 6' Rectangular Weir.

April 1951:

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | 0 | 41 | 11.4 | | 0 | | 0 | 11.4 |
| 4 | | | | | | | | | |
| 5 | | 0 | 41 | 11.4 | | 0 | | 0 | 11.4 |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | 0 | 42 | 11.8 | | 0 | 39 | 4.8 | 16.6 |
| 10 | | | | | | | | | |
| 11 | | 0 | 42 | 11.8 | | 0 | 37 | 4.4 | 16.2 |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | 87 | 23.3 | 44 | 12.6 | | 0 | 62 | 9.6 | 45.5 |
| 15 | | | | | | | | | |
| 16 | 85 | 22.5 | 44 | 12.6 | | 0 | 63 | 9.8 | 44.9 |
| 17 | | | | | | | | | |
| 18 | 67 | 16.2 | 36 | 9.4 | 33 | 5.4 | 61 | 9.3 | 40.3 |
| 19 | | | | | | | | | |
| 20 | 70 | 16.6 | 42 | 11.8 | 24 | 3.4 | 53 | 7.6 | 39.4 |
| 21 | | | | | | | | | |
| 22 | 78 | 19.7 | 43 | 12.2 | | 0 | 55 | 8.0 | 39.9 |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | 20 | 2.6 | 45 | 13.1 | 23 | 3.2 | 61 | 9.3 | 28.2 |
| 26 | | | | | | | | | |
| 27 | 33 | 5.4 | 46 | 13.6 | 24 | 3.4 | 61 | 9.3 | 31.7 |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| x | x | x | x | x | x | x | x | x | x |
| Mean | | | | 12.0 | | | | | 29.6 |
| Aft | | | | 720 | | | | | 1776 |

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

May 1951:

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | | | | | | | | | |
| 2 | 50 | 10.0 | 45 | 13.1 | 17 | 2.1 | 24 | 2.3 | 27.5 |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | 63 | 14.2 | 41 | 11.4 | ap | 0.5 | 49 | 6.7 | 32.8 |
| 8 | | | | | | | | | |
| 9 | 75 | 18.6 | 35 | 9.0 | 30 | 4.7 | 54 | 7.8 | 40.1 |
| 10 | | | | | | | | | |
| 11 | 71 | 17.0 | 40 | 10.9 | 34 | 5.8 | 50 | 7.0 | 40.7 |
| 12 | | | | | | | | | |
| 13 | 76 | 18.9 | 45 | 13.1 | 38 | 6.7 | 49 | 6.7 | 45.4 |
| 14 | | | | | | | | | |
| 15 | 75 | 18.6 | 45 | 13.1 | 38 | 6.7 | 43 | 5.6 | 44.0 |
| 16 | | | | | | | | | |
| 17 | 72 | 17.4 | 40 | 10.9 | 30 | 4.7 | 61 | 9.3 | 42.3 |
| 18 | | | | | | | | | |
| 19 | 71 | 17.0 | 40 | 10.9 | 29 | 4.5 | 52 | 7.4 | 39.8 |
| 20 | | | | | | | | | |
| 21 | 71 | 17.0 | 40 | 10.9 | 29 | 4.5 | 58 | 8.7 | 41.1 |
| 22 | 71 | 17.0 | 40 | 10.9 | 29 | 4.5 | 59 | 8.9 | 41.3 |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | 71 | 17.0 | 36 | 9.4 | 19 | 2.4 | 47 | 6.3 | 35.1 |
| 26 | | | | | | | | | |
| 27 | 69 | 16.2 | 40 | 10.9 | 21 | 2.8 | 62 | 9.6 | 39.5 |
| 28 | | | | | | | | | |
| 29 | 70 | 16.6 | 38 | 10.1 | 21 | 2.8 | 60 | 9.1 | 38.6 |
| 30 | 84 | 22.1 | 45 | 13.1 | 34 | 5.8 | 53 | 7.6 | 48.6 |
| 31 | | | | | | | | | |
| Mean | | | | 11.3 | | | | | 39.1 |
| Aft | | | | 701 | | | | | 2424 |

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

June 1951:

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | 78 | 19.7 | 44 | 12.6 | 28 | 4.2 | 60 | 9.1 | 45.6 |
| 2 | | | | | | | | | |
| 3 | 73 | 17.8 | 43 | 12.2 | 29 | 4.5 | 49 | 6.7 | 41.2 |
| 4 | | | | | | | | | |
| 5 | 76 | 18.9 | 39 | 10.6 | 33 | 5.4 | 58 | 8.7 | 43.6 |
| 6 | | | | | | | | | |
| 7 | 95 | 26.7 | 43 | 12.2 | 35 | 6.0 | 60 | 9.1 | 53.8 |
| 8 | | | | | | | | | |
| 9 | 96 | 27.2 | 44 | 12.6 | 38 | 6.7 | 60 | 9.1 | 55.6 |
| 10 | 96 | 27.2 | 44 | 12.6 | 38 | 6.7 | 65 | 10.2 | 56.7 |
| 11 | | | | | | | | | |
| 12 | 87 | 23.3 | 45 | 13.1 | 37 | 6.5 | 56 | 8.2 | 51.1 |
| 13 | 86 | 22.9 | 42 | 11.8 | 34 | 5.8 | 50 | 10.2 | 47.7 |
| 14 | 86 | 22.9 | 42 | 11.8 | 34 | 5.8 | 55 | 8.0 | 48.7 |
| 15 | 83 | 21.7 | 43 | 12.2 | 30 | 4.7 | 54 | 7.8 | 46.4 |
| 16 | 88 | 23.8 | 45 | 13.1 | 30 | 4.7 | 58 | 8.7 | 50.3 |
| 17 | | | | | | | | | |
| 18 | 92 | 25.4 | 47 | 13.9 | 30 | 4.7 | 61 | 9.3 | 53.3 |
| 19 | | | | | | | | | |
| 20 | 83 | 21.7 | 36 | 9.4 | 30 | 4.7 | 58 | 8.7 | 44.5 |
| 21 | | | | | | | | | |
| 22 | 84 | 22.1 | 36 | 9.4 | 30 | 4.7 | 57 | 8.4 | 44.6 |
| 23 | 98 | 28.1 | 43 | 12.2 | 35 | 6.0 | 59 | 8.9 | 55.2 |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | 92 | 25.4 | 38 | 10.1 | 30 | 4.7 | 59 | 8.9 | 49.1 |
| 27 | 90 | 24.6 | 35 | 9.0 | 30 | 4.7 | 57 | 8.4 | 46.7 |
| 28 | 90 | 24.6 | 35 | 9.0 | 30 | 4.7 | 56 | 8.2 | 46.5 |
| 29 | 90 | 24.6 | 35 | 9.0 | 30 | 4.7 | 56 | 8.2 | 46.5 |
| 30 | 90 | 24.6 | 35 | 9.0 | 30 | 4.7 | 55 | 8.0 | 46.3 |
| x | x | x | x | x | x | x | x | x | x |
| Mean | | | | 11.3 | | | | | 48.7 |
| Aft | | | | 678 | | | | | 2922 |

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

July 1951:

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | 81 | 20.9 | 31 | 7.4 | 30 | 4.7 | 51 | 7.2 | 40.2 |
| 2 | 80 | 20.4 | 32 | 7.8 | 33 | 5.4 | 55 | 8.0 | 41.6 |
| 3 | 75 | 18.6 | 35 | 9.0 | 18 | 2.4 | 61 | 9.3 | 39.3 |
| 4 | 76 | 18.9 | 35 | 9.0 | 27 | 4.1 | 57 | 8.4 | 40.4 |
| 5 | 76 | 18.9 | 35 | 9.0 | 22 | 3.0 | 60 | 9.1 | 40.0 |
| 6 | 76 | 18.9 | 34 | 8.6 | 22 | 3.0 | 59 | 8.9 | 39.4 |
| 7 | 70 | 16.6 | 31 | 7.4 | 30 | 4.7 | 59 | 8.9 | 37.6 |
| 8 | 72 | 17.4 | 30 | 7.1 | 30 | 4.7 | 59 | 8.9 | 38.1 |
| 9 | 80 | 20.4 | 30 | 7.1 | 33 | 5.4 | 58 | 8.7 | 41.6 |
| 10 | 84 | 22.1 | 25 | 5.4 | 21 | 2.8 | 59 | 8.9 | 39.2 |
| 11 | 72 | 17.4 | 29 | 6.7 | 29 | 4.5 | 59 | 8.9 | 37.5 |
| 12 | 72 | 17.4 | 26 | 5.8 | 24 | 3.4 | 58 | 8.7 | 35.3 |
| 13 | 80 | 20.4 | 18 | 3.5 | 30 | 4.7 | 57 | 8.4 | 37.0 |
| 14 | 78 | 19.7 | 30 | 7.1 | 30 | 4.7 | 57 | 8.4 | 39.9 |
| 15 | 89 | 24.2 | 30 | 7.1 | 30 | 4.7 | 56 | 8.2 | 44.2 |
| 16 | 87 | 23.3 | 30 | 7.1 | 27 | 4.1 | 52 | 7.4 | 41.9 |
| 17 | 86 | 22.9 | 32 | 7.8 | 30 | 4.7 | 56 | 8.2 | 43.6 |
| 18 | | | | | | | | | |
| 19 | 84 | 22.1 | 32 | 7.8 | 30 | 4.7 | 60 | 9.1 | 43.7 |
| 20 | 84 | 22.1 | 30 | 7.1 | 30 | 4.7 | 59 | 8.9 | 42.8 |
| 21 | | | | | | | | | |
| 22 | 69 | 16.2 | 22 | 4.6 | 30 | 4.7 | 55 | 8.0 | 33.5 |
| 23 | 70 | 16.6 | 30 | 7.1 | 35 | 6.0 | 43 | 5.6 | 35.3 |
| 24 | 77 | 19.3 | 28 | 6.4 | 35 | 6.0 | 54 | 7.8 | 39.5 |
| 25 | 75 | 18.6 | 28 | 6.4 | 35 | 6.0 | 58 | 8.7 | 39.7 |
| 26 | 79 | 20.1 | 28 | 6.4 | 35 | 6.0 | 58 | 8.7 | 41.2 |
| 27 | 83 | 21.7 | 28 | 6.4 | 35 | 6.0 | 57 | 8.4 | 42.5 |
| 28 | 80 | 20.4 | 28 | 6.4 | 35 | 6.0 | 54 | 7.8 | 40.6 |
| 29 | 75 | 18.6 | 28 | 6.4 | 35 | 6.0 | 57 | 8.4 | 39.4 |
| 30 | 73 | 17.8 | 28 | 6.4 | 35 | 6.0 | 57 | 8.4 | 38.6 |
| 31 | 78 | 19.7 | 30 | 7.1 | 35 | 6.0 | 58 | 8.7 | 41.5 |
| Mean | | | | 6.9 | | | | | 39.8 |
| Aft | | | | 428 | | | | | 2468 |

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

August 1951

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | 77 | 19.3 | 28 | 6.4 | 35 | 6.0 | 53 | 7.6 | 39.3 |
| 2 | 77 | 19.3 | 30 | 7.1 | 35 | 6.0 | 53 | 7.6 | 40.0 |
| 3 | 78 | 19.7 | 30 | 7.1 | 35 | 6.0 | 52 | 7.4 | 40.2 |
| 4 | 62 | 13.8 | 34 | 8.6 | 35 | 6.0 | 60 | 9.1 | 37.5 |
| 5 | 71 | 17.0 | 34 | 8.6 | 35 | 6.0 | 58 | 8.7 | 40.3 |
| 6 | 68 | 15.9 | 30 | 7.1 | 35 | 6.0 | 53 | 7.6 | 36.6 |
| 7 | 80 | 20.4 | 28 | 6.4 | 35 | 6.0 | 47 | 6.3 | 39.1 |
| 8 | 80 | 20.4 | 28 | 6.4 | 30 | 4.7 | 46 | 6.1 | 37.6 |
| 9 | 64 | 14.6 | 28 | 6.4 | 30 | 4.7 | 47 | 6.3 | 32.0 |
| 10 | 80 | 20.4 | 30 | 7.1 | 27 | 4.1 | 49 | 6.7 | 38.3 |
| 11 | | | | | | | | | |
| 12 | 78 | 19.7 | 22 | 4.6 | 30 | 4.7 | 52 | 7.4 | 36.4 |
| 13 | 77 | 19.3 | 31 | 7.4 | 35 | 6.0 | 57 | 8.4 | 41.1 |
| 14 | 83 | 21.7 | 26 | 5.8 | 30 | 4.7 | 53 | 7.6 | 39.8 |
| 15 | 76 | 18.9 | 30 | 7.1 | 30 | 4.7 | 54 | 7.8 | 38.5 |
| 16 | 77 | 19.3 | 32 | 7.8 | 28 | 4.2 | 49 | 6.7 | 38.0 |
| 17 | 77 | 19.3 | 30 | 7.1 | 28 | 4.2 | 51 | 7.2 | 37.8 |
| 18 | 77 | 19.3 | 34 | 8.6 | 25 | 3.6 | 52 | 7.4 | 38.9 |
| 19 | 80 | 20.4 | 35 | 9.0 | 24 | 3.4 | 59 | 8.9 | 41.7 |
| 20 | 82 | 21.3 | 35 | 9.0 | 33 | 5.4 | 57 | 8.4 | 44.1 |
| 21 | 79 | 20.1 | 34 | 8.6 | 33 | 5.4 | 60 | 9.1 | 43.2 |
| 22 | 79 | 20.1 | 34 | 8.6 | 31 | 5.0 | 57 | 8.4 | 42.1 |
| 23 | 77 | 19.3 | 36 | 9.4 | 32 | 5.2 | 60 | 9.1 | 43.0 |
| 24 | 76 | 18.9 | 34 | 8.6 | 28 | 4.2 | 57 | 8.4 | 40.1 |
| 25 | 76 | 18.9 | 34 | 8.6 | 27 | 4.1 | 59 | 8.9 | 40.5 |
| 26 | | | | | | | | | |
| 27 | 70 | 16.6 | 33 | 8.2 | 32 | 5.2 | 59 | 8.9 | 38.9 |
| 28 | 77 | 19.3 | 40 | 10.9 | 30 | 4.7 | 56 | 8.2 | 43.1 |
| 29 | 74 | 18.2 | 34 | 8.6 | 24 | 3.4 | 51 | 7.2 | 37.4 |
| 30 | 62 | 13.8 | 35 | 9.0 | 39 | 7.0 | 56 | 8.2 | 38.0 |
| 31 | 67 | 15.6 | 31 | 7.4 | 36 | 6.2 | 62 | 9.6 | 38.8 |
| Mean | | | | 7.8 | | | | | 39.4 |
| Aft | | | | 484 | | | | | 2443 |

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

September 1951:

| | Union | | Factory | | City | | Tanner | | Tot |
|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | Cfs |
| 1 | 71 | 17.0 | 34 | 8.6 | 35 | 6.0 | 63 | 9.8 | 41.4 |
| 2 | 83 | 21.7 | 33 | 8.2 | 33 | 5.4 | 62 | 9.6 | 44.9 |
| 3 | 78 | 19.7 | 30 | 7.1 | 30 | 4.7 | 59 | 8.9 | 40.4 |
| 4 | 71 | 17.0 | 30 | 7.1 | 29 | 4.5 | 59 | 8.9 | 37.5 |
| 5 | 77 | 19.3 | 34 | 8.6 | 27 | 4.1 | 59 | 8.9 | 40.9 |
| 6 | 76 | 18.9 | 32 | 7.8 | 28 | 4.2 | 57 | 8.4 | 39.3 |
| 7 | 79 | 20.1 | 33 | 8.2 | 28 | 4.2 | 52 | 7.4 | 39.9 |
| 8 | 80 | 20.4 | 33 | 8.2 | 30 | 4.7 | 56 | 8.2 | 41.5 |
| 9 | | | | | | | | | |
| 10 | 66 | 15.2 | 38 | 10.1 | 39 | 7.0 | 58 | 8.7 | 41.0 |
| 11 | 76 | 18.9 | 34 | 8.6 | 39 | 7.0 | 54 | 7.8 | 42.3 |
| 12 | 72 | 17.4 | 33 | 8.2 | 32 | 5.2 | 53 | 7.6 | 38.4 |
| 13 | | | | | | | | | |
| 14 | 72 | 17.4 | 34 | 8.6 | 38 | 6.7 | 53 | 7.6 | 40.3 |
| 15 | | | | | | | | | |
| 16 | 75 | 18.6 | 33 | 8.2 | 34 | 5.8 | 53 | 7.6 | 40.2 |
| 17 | 54 | 11.2 | 37 | 9.7 | 36 | 6.2 | 54 | 7.8 | 34.9 |
| 18 | | | | | | | | | |
| 19 | 65 | 14.9 | 33 | 8.2 | 32 | 5.2 | 53 | 7.6 | 35.9 |
| 20 | | | | | | | | | |
| 21 | 62 | 13.8 | 28 | 6.4 | 35 | 6.0 | 51 | 7.2 | 33.4 |
| 22 | | | | | | | | | |
| 23 | 63 | 14.2 | 38 | 10.1 | 30 | 4.7 | 55 | 8.0 | 37.0 |
| 24 | | | | | | | | | |
| 25 | 64 | 14.6 | 40 | 10.9 | 31 | 5.0 | 60 | 9.1 | 39.6 |
| 26 | | | | | | | | | |
| 27 | 72 | 17.4 | 43 | 12.2 | 32 | 5.2 | 55 | 8.0 | 42.8 |
| 28 | | | | | | | | | |
| 29 | 47 | 9.0 | 49 | 14.9 | 32 | 5.2 | 52 | 7.4 | 36.5 |
| 30 | 47 | 9.0 | 42 | 11.8 | 37 | 6.5 | 52 | 7.4 | 34.7 |
| x | x | x | x | x | x | x | x | x | x |
| Mean | | | | 9.1 | | | | | 39.2 |
| Aft | | | | 546 | | | | | 2352 |

LITTLE DRY CREEK CANAL

Daily Discharge in Second Feet of Little Dry Creek Canal
Three Foot Parshall

April-September 1951

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | 91 | 10.4 | 88 | 9.8 | 90 | 10.2 | 102 | 12.4 |
| 2 | | | | 0 | | | 94 | 10.9 | 87 | 9.6 | 100 | 12.0 |
| 3 | | 0 | | | 81 | 8.6 | 96 | 11.3 | 92 | 10.5 | 96 | 11.3 |
| 4 | | | | | | | 78 | 8.1 | 100 | 12.0 | 93 | 10.7 |
| 5 | | 0 | | | 84 | 9.1 | 95 | 11.1 | 91 | 10.4 | 97 | 11.4 |
| 6 | | | | | | | 90 | 10.2 | 87 | 9.6 | 89 | 10.0 |
| 7 | | | | 0 | 93 | 10.7 | 97 | 11.4 | 82 | 8.8 | 97 | 11.4 |
| 8 | | | | | | | 96 | 11.3 | 81 | 8.6 | 99 | 11.8 |
| 9 | | 0 | | 0 | 88 | 9.8 | 97 | 11.4 | 82 | 8.8 | | |
| 10 | ======= | | | | 107 | 13.3 | 99 | 11.8 | 85 | 9.3 | 102 | 12.4 |
| 11 | 83 | 9.0 | 75 | 7.6 | | | 100 | 12.0 | | | 107 | 13.3 |
| 12 | | | | | 88 | 9.8 | 97 | 11.4 | 90 | 10.2 | 83 | 9.0 |
| 13 | | | 81 | 8.6 | 85 | 9.3 | 93 | 10.7 | 94 | 10.9 | 97 | 11.4 |
| 14 | 77 | 8.0 | | | 92 | 10.5 | 93 | 10.7 | 82 | 8.8 | 98 | 11.6 |
| 15 | | | 79 | 8.3 | 92 | 10.5 | 85 | 9.3 | 81 | 8.6 | | |
| 16 | 77 | 8.0 | | | 90 | 10.2 | 72 | 7.2 | 94 | 10.9 | 84 | 9.1 |
| 17 | | | 82 | 8.8 | | | 90 | 10.2 | 76 | 7.8 | 84 | 9.1 |
| 18 | | 0 | | | 92 | 10.5 | | | 74 | 7.5 | | |
| 19 | | | 77 | 8.0 | | | 107 | 13.3 | 80 | 8.5 | 81 | 8.6 |
| 20 | 79 | 8.3 | | | 84 | 9.1 | 107 | 13.3 | 82 | 8.8 | | |
| 21 | | | 80 | 8.5 | | | | | 75 | 7.6 | 88 | 9.8 |
| 22 | 87 | 9.6 | 81 | 8.6 | 86 | 9.5 | 110 | 13.9 | 75 | 7.6 | | |
| 23 | | | | | 74 | 7.5 | 100 | 12.0 | 86 | 9.5 | 98 | 11.6 |
| 24 | | | | | | | 97 | 11.4 | 79 | 8.3 | | |
| 25 | | 0 | 88 | 9.8 | | | 97 | 11.4 | 84 | 9.1 | 108 | 13.5 |
| 26 | | | | | 86 | 9.5 | 97 | 11.4 | | | | |
| 27 | | | 78 | 8.1 | 117 | 15.3 | 97 | 11.4 | 86 | 9.5 | 108 | 13.5 |
| 28 | | | | | 74 | 7.5 | 93 | 10.7 | 78 | 8.1 | | |
| 29 | | | 26 | 1.5 | 97 | 11.4 | 93 | 10.7 | 76 | 7.8 | 96 | 11.3 |
| 30 | | | 84 | 9.1 | 95 | 11.1 | 93 | 10.7 | 80 | 8.5 | 94 | 10.9 |
| 31 | x | x | | | x | x | 93 | 10.7 | 97 | 11.4 | x | x |
| Mean | | 7.1 | | 6.2 | | 10.2 | | 11.0 | | 9.2 | | 11.2 |
| Aft | | 213 | | 384 | | 612 | | 682 | | 570 | | 672 |

Grand Total April-September 3,133 Acre Feet

FORT FIELD CANAL

Daily Discharge in Second Feet of Fort Field Canal
Two Foot Parshall June-September 1951

| | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | 0 | 102 | 8.2 | 87 | 6.4 | 84 | 6.1 |
| 2 | | | 104 | 8.5 | 89 | 6.7 | 84 | 6.1 |
| 3 | est | .5 | 102 | 8.2 | 92 | 7.0 | 80 | 5.7 |
| 4 | | | 92 | 7.0 | 98 | 7.8 | 84 | 6.1 |
| 5 | 26 | 1.0 | 100 | 8.0 | 103 | 8.4 | 80 | 5.7 |
| 6 | | | 100 | 8.0 | 96 | 7.5 | 87 | 6.4 |
| 7 | 98 | 7.8 | 90 | 6.8 | 83 | 6.6 | 90 | 6.8 |
| 8 | | | 98 | 7.8 | 106 | 8.8 | 83 | 6.0 |
| 9 | 116 | 10.1 | 93 | 7.2 | 86 | 6.3 | | |
| 10 | | | 84 | 6.1 | 78 | 5.4 | | |
| 11 | | | 104 | 8.5 | | | 93 | 7.2 |
| 12 | 50 | 2.7 | 100 | 8.0 | 90 | 6.8 | 93 | 7.2 |
| 13 | 51 | 2.8 | 100 | 8.0 | 87 | 6.4 | | |
| 14 | 50 | 2.7 | 90 | 6.8 | 83 | 6.0 | 100 | 8.0 |
| 15 | 67 | 4.3 | 88 | 6.6 | 88 | 6.6 | | |
| 16 | 67 | 4.3 | 82 | 5.9 | 78 | 5.4 | 84 | 6.1 |
| 17 | | | 87 | 6.4 | 73 | 4.9 | 87 | 6.4 |
| 18 | 67 | 4.3 | | | 76 | 5.2 | | |
| 19 | | | 100 | 8.0 | 76 | 5.2 | 91 | 6.9 |
| 20 | 71 | 4.7 | 98 | 7.8 | 72 | 4.8 | | |
| 21 | | | | | 67 | 4.3 | 89 | 6.7 |
| 22 | 66 | 4.2 | 112 | 9.5 | 62 | 3.8 | | |
| 23 | 67 | 4.3 | 98 | 7.8 | 69 | 4.5 | 100 | 8.0 |
| 24 | | | 97. | 7.6 | 63 | 3.9 | | |
| 25 | | | 93 | 7.2 | 64 | 4.0 | 100 | 8.0 |
| 26 | Ap | 8.0 | 87 | 6.4 | | | | |
| 27 | 86 | 6.3 | 86 | 6.3 | 73 | 4.9 | 78 | 5.4 |
| 28 | 87 | 6.4 | 85 | 6.2 | 66 | 4.2 | | |
| 29 | 87 | 6.4 | 87 | 6.4 | 62 | 3.8 | 46 | 2.4 |
| 30 | 110 | 9.3 | 92 | 7.0 | 57 | 3.4 | 46 | 2.4 |
| 31 | X | x | 95 | 7.4 | 73 | 4.9 | x | x |
| Mean | | 5.0 | | 7.4 | | 5.7 | | 6.1 |
| Aft | | 300 | | 459 | | 353 | | 366 |

Grand Total June-September 1,478 Acre Feet

LAKE BOTTOM CANAL

Daily Discharge in Second Feet of Lake Bottom Canal May-Sept 1951

| | May | | | June | | | July | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | A | Cfs | G | A | Cfs | G | A | Cfs |
| 1 | | | | 1 3/4 | 8 | 14.9 | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | 1 7/8 | | 15.5 | | | |
| 8 | | | | | | | 3 1/4 | 8 | 20.4 |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | 2 3/4 | | 21.9 | 1 3/4 | | 14.9 |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | 3/4 | 6 | 7.5 | | | | | | |
| 23 | | | | 1 3/4 | | 14.9 | 2 1/2 | 6 | 13.3 |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | 2 | | 12.0 | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | 1 3/4 | | 14.9 | 2 | | 12.0 |
| 31 | | | | x | | x | | | |
| Mean | | | 9.8 | | | 16.8 | | | 15.2 |
| Aft | | | 196 | | | 1008 | | | 942 |

LAKE BOTTOM CANAL

Daily Discharge in Second Feet of Lake Bottom Canal May-Sept 1951

| | August | | | September | | |
|---|---|---|---|---|---|---|
| | G | A | Cfs | G | A | Cfs |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | 2 | 6 | 12.0 |
| 7 | 1 1/2 | 6 | 10.4 | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | 2 1/2 | | 13.4 |
| 13 | | | | | | |
| 14 | 1 1/4 | | 9.5 | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | Ap | | 6. |
| 22 | 1 1/2 | | 10.4 | | | |
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | Ap | | 6. |
| 28 | | | | | | |
| 29 | 2 1/2 | | 13.4 | | | |
| 30 | 2 1/2 | | 13.4 | Ap | | 6. |
| 31 | | | | x | | x |
| Mean | | | 11.4 | | | 8.7 |
| Aft | | | 707 | | | 522 |

Grant Total May-September 3,375 Acre Feet

SPRING CREEK

Discharge in Second Feet of Spring Creek Users.
June- September 1951

| | June | July | August | September |
|---|---|---|---|---|
| 1 | 2.5 | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | 1.2 |
| 7 | | | 2.4 | |
| 8 | | 0 | | |
| 9 | 4.5 | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | 3.3 |
| 13 | | | | |
| 14 | | | 4.2 | |
| 15 | | | | |
| 16 | 3.0 | 6.1 | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | 1.0 |
| 22 | | | 5.1 | |
| 23 | 2.0 | 5.2 | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | 4.6 | |
| 30 | 4.7 | 5.9 | 2.1 | 0 |
| 31 | x | | | x |
| Mean | 3.3 | 4.3 | 3.7 | 1.4 |
| Aft | 198 | 267 | 229 | 84 |

Grand Total 778 Acre Feet

Lost Creek Waters To
Provo City Waterworks

| Date 1951 | Time | Cfs | Aft |
|---|---|---|---|
| Jun 19-30 | | 1.23 | 29.5 |
| Jly 1-17 | | 1.23 | 41.8 |
| 18-27 | | 2.00 | 40.0 |
| 28-31 | | 2.46 | 19.7 |
| Aug 1 | | 2.46 | 4.9 |
| 8 | 400p | 1.61 | 1.1 |
| 9-27 | | 1.61 | 29.0 |
| Sep 11-21 | | 1.61 | 35.4 |
| 22-23 | | 0.65 | 2.6 |
| 24 | L000a | 0.65/0 | 0.6 |
| Total | | | 204.6 |

(No Bridal Veil Falls Water to Provo City 1951)

GENEVA STEEL COMPANY
SUMMARY

Oct 15, 1950 to Oct 15, 1951
Pumping Plant To Geneva Steel Plant
Sparling Meter

| Date | Sheet | Meter 1159p | 10 M Gal | 16226 Aft | Deer Stor | Total Aft |
|---|---|---|---|---|---|---|
| 1950 | | | | | | |
| Oct 15 | G12 | 835415 | | | - | |
| 31 | G13 | 845849 | 10434 | 320 | - | 320 |
| Nov 30 | G14 | 866167 | 20318 | 624 | - | 944 |
| Dec 31 | G15 | 888239 | 22072 | 677 | - | 1621 |
| 1951 | | | | | | |
| Jan 31 | G1 | 909480 | 21241 | 652 | - | 2273 |
| Feb 28 | G2 | 927711 | 18231 | 560 | - | 2833 |
| Mar 31 | G3 | 949190 | 21479 | 659 | - | 3492 |
| Apl 30 | G4 | 968941 | 19751 | 606 | - | 4098 |
| May 31 | G5 | 991487 | 22546 | 692 | - | 4790 |
| Jun 21 | G6 | 10409 | 18922 | 581 | - | 5371 |

June 21, 1951 - Ceased pumping.

Daily Discharge in Second Feet of Provo City Waterworks
Year Ending October 31, 1951.
Venturi Meters. Readings Every Friday.

| Day | Nov | Dec | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep | Oct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 7.987 | | | | | | 10.605 | | | | |
| 2 | | | | 10.883 | 7.689 | | | | | | | |
| 3 | 7.836 | | | | | | | | | 12.413 | | |
| 4 | | | | | | | 6.852 | | | | | |
| 5 | | | 6.346 | | | | | | | | | 9.325 |
| 6 | | | | | | 8.388 | | | 15.165 | | | |
| 7 | | | | | | | | | | | 14.166 | |
| 8 | | 8.037 | | | | | | 13.943 | | | | |
| 9 | | | | 11.141 | 7.849 | | | | | | | |
| 10 | 8.394 | | | | | | | | | 12.210 | | |
| 11 | | | | | | | 10.060 | | | | | |
| 12 | | | 10.505 | | | | | | | | | |
| 13 | | | | | | 10.445 | | | 15.974 | | | 8.219 |
| 14 | | | | | | | | | | | 13.774 | |
| 15 | | 6.790 | | | | | | 12.988 | | | | |
| 16 | | | | 10.102 | 7.899 | | | | | | | |
| 17 | 8.024 | | | | | | | | | 15.377 | | |
| 18 | | | | | | | 8.790 | | | | | |
| 19 | | | 10.410 | | | | | | | | | 8.255 |
| 20 | | | | | | 12.772 | | | 15.871 | | | |
| 21 | | | | | | | | | | | 13.355 | |
| 22 | | 5.878 | | | | | | 12.026 | | | | |
| 23 | | | | 8.764 | 7.862 | | | | | | | |
| 24 | 7.863 | | | | | | | | | 12.633 | | |
| 25 | | | | | | | 9.014 | | | | | |
| 26 | | | 10.854 | | | | | | | | | 8.017 |
| 27 | | | | | | 7.935 | | | 13.697 | | | |
| 28 | | | | | | | | | | | 13.038 | |
| 29 | | 7.617 | | x | | | | 14.661 | | | | |
| 30 | | | | x | 8.253 | | | | | | | |
| 31 | x | | | x | | x | | x | | 13.320 | x | (8.245) |
| Tot | 241.397 | 308.522 | | 246.807 | | 286.086 | | 459.436 | | 398.981 | | |
| | | 218.933 | 270.260 | | | 288.948 | | 401.096 | | 412.019 | | 259.251 |
| Mean | 8.046 | 7.062 | 9.952 | 9.652 | 7.962 | 9.632 | 9.228 | 13.389 | | 13.291 | | 8.331 |
| | | | | | | | | | 14.821 | | 13.299 | |
| Aft | 479 | 434 | 612 | 536 | 490 | 573 | 567 | 796 | 911 | 817 | 791 | 514 |

Grand Total 7,520 Acre Feet.

Daily Discharge in Second Feet of Olmsted Flume. For year 1951

| Day | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 337 | 323 | 333 | 335 | 336 | 335 | 281 | | | 211 | 332 | 338 |
| 2 | 337 | 332 | 334 | 335 | 336 | 336 | 264 | | | 217 | 329 | 341 |
| 3 | 337 | 335 | 335 | 335 | 336 | 330 | 259 | | | 218 | 330 | 339 |
| 4 | 338 | 339 | 336 | 335 | 336 | 275 | 256 | | | 223 | 330 | 339 |
| 5 | 337 | 337 | 334 | 336 | 337 | 308 | 264 | | | 222 | 329 | 339 |
| 6 | 336 | 336 | 334 | 335 | 337 | 321 | 241 | | | 234 | 332 | 337 |
| 7 | 335 | 336 | 334 | 336 | 336 | 326 | 258 | | | 220 | 338 | 334 |
| 8 | 336 | 336 | 334 | 336 | 337 | 326 | 261 | | | 233 | 337 | 330 |
| 9 | 335 | 337 | 338 | 336 | 336 | 326 | 256 | | 144 | 233 | 337 | 327 |
| 10 | 335 | 336 | 338 | 336 | 336 | 331 | 259 | | 245 | 233 | 337 | 333 |
| 11 | 337 | 335 | 337 | 335 | 335 | 330 | 255 | | 223 | 234 | 336 | 334 |
| 12 | 335 | 335 | 336 | 336 | 337 | 310 | 252 | | 228 | 228 | 332 | 337 |
| 13 | 318 | 334 | 337 | 337 | 337 | 318 | 249 | | 228 | 230 | 302 | 335 |
| 14 | 335 | 335 | 337 | 337 | 337 | 334 | 246 | | 229 | 232 | 307 | 336 |
| 15 | 334 | 336 | 337 | 335 | 337 | 334 | 242 | | 232 | 275 | 318 | 336 |
| 16 | 334 | 335 | 337 | 336 | 336 | 331 | 255 | | 236 | 291 | 322 | 335 |
| 17 | 336 | 334 | 337 | 336 | 335 | 332 | 255 | | 232 | 287 | 321 | 334 |
| 18 | 335 | 334 | 335 | 337 | 335 | 333 | 43 | | 226 | 289 | 322 | 335 |
| 19 | 335 | 334 | 337 | 337 | 335 | 332 | | | 218 | 293 | 326 | 337 |
| 20 | 332 | 334 | 337 | 336 | 335 | 332 | | | 200 | 301 | 326 | 335 |
| 21 | 334 | 333 | 336 | 336 | 335 | 332 | | | 221 | 298 | 328 | 336 |
| 22 | 338 | 333 | 336 | 336 | 334 | 331 | | | 222 | 297 | 326 | 338 |
| 23 | 337 | 333 | 331 | 336 | 333 | 330 | | | 223 | 297 | 324 | 337 |
| 24 | 337 | 333 | 337 | 338 | 333 | 332 | | | 223 | 296 | 325 | 336 |
| 25 | 333 | 334 | 336 | 338 | 271 | 332 | | | 226 | 296 | 323 | 335 |
| 26 | 332 | 334 | 336 | 333 | 333 | 334 | | | 232 | 297 | 322 | 336 |
| 27 | 330 | 333 | 335 | 337 | 334 | 332 | | | 220 | 307 | 316 | 336 |
| 28 | 330 | 334 | 335 | 337 | 335 | 333 | | | 216 | 319 | 331 | 337 |
| 29 | 331 | x | 336 | 337 | 336 | 332 | | | 209 | 327 | 340 | 343 |
| 30 | 330 | x | 335 | 337 | 337 | 319 | | | 205 | 333 | 339 | 339 |
| 31 | 324 | x | 335 | x | 310 | x | | | x | 333 | x | 335 |
| Tot | 10350 | 9360 | 10411 | 10087 | 10313 | 9807 | 4402 | 0 | 4838 | 8304 | 9823 | 10419 |
| Mn | 334 | 334 | 336 | 336 | 333 | 327 | 142 | 0 | 161 | 268 | 327 | 336 |
| Aft | 20530 | 18570 | 20650 | 20010 | 20460 | 19450 | 8730 | 0 | 9600 | 16470 | 19480 | 20670 |

Grand Total 194,600 Acre Feet.

Between July 18 and Sept 9 approximately 7200' of the remaining wood flume was replaced by 8'6" diameter steel pipe. No water was diverted during this period.

CANAL DISCHARGE
WASATCH DIVISION

SUMMARY
1951

| | April | | May | | June | | July | | August | | Sept. | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cfs | Aft | Cfs | Aft | Cfs | Aft | Cfs | Aft | Cfs | Aft | Cfs | Aft | |
| Midway R D | 9.4 | 263 | 31.5 | 1953 | 46.2 | 2772 | 23.8 | 1476 | 15.2 | 942 | 12.6 | 655 | 8162 |
| Wasatch | 10.8 | 302 | 73.4 | 6746 | 108.8 | 6528 | 88.9 | 5512 | 61.4 | 3807 | 41.1 | 2137 | 25361 |
| North Fld | 29.4 | 823 | 86.0 | 5332 | 118.7 | 6822 | 53.5 | 3317 | 30.3 | 1879 | 25.7 | 1336 | 19715 |
| Timp Irr. | 8.1 | 113 | 42.0 | 2666 | 55.1 | 3306 | 56.7 | 3289 | | | 7.2 | 288 | 9662 |
| Spring Creek | 21.6 | 475 | 38.2 | 2368 | 57.4 | 3444 | 35.5 | 2201 | 33.3 | 2065 | 19.1 | 1146 | 13764 |
| Upper Charl | 9.2 | 202 | 25.1 | 1556 | 34.0 | 2040 | 23.7 | 1469 | 17.3 | 1073 | 12.4 | 744 | 7085 |
| Island | 3.6 | 35 | 15.8 | 980 | 18.6 | 1116 | 9.0 | 558 | 6.3 | 390 | 4.9 | 294 | 3373 |
| Lower Charl | 4.4 | 97 | 10.3 | 638 | 8.2 | 492 | 6.5 | 403 | 5.3 | 329 | 3.7 | 222 | 2181 |
| S Kam & Wash | | | 26.1 | 1044 | 82.0 | 4920 | 54.4 | 3383 | 28.2 | 1748 | 29.5 | 1770 | 12855 |
| Sunrise C | | | | | 13.0 | 572 | 10.0 | 620 | 4.8 | 298 | 3.0 | 180 | 1670 |
| Hewletts & Duncan | | | 10.5 | 231 | 11.6 | 696 | 5.8 | 359 | 3.9 | 242 | 5.1 | 306 | 1834 |
| Knight & Baird | | | 9.5 | 209 | 11.3 | 678 | 5.3 | 329 | 3.6 | 223 | 3.9 | 234 | 1673 |
| Larson & Cutler | | | 15.5 | 341 | 11.3 | 678 | 4.2 | 261 | .70 | 43 | 1.8 | 108 | 1431 |
| Phillips | | | 1.5 | 33 | 2.5 | 155 | 1.7 | 105 | 1.4 | 87 | 1.6 | 96 | 476 |
| Baum & Snyder | | | 13.0 | 286 | 13.1 | 786 | 7.7 | 447 | 4.7 | 292 | 5.6 | 336 | 2147 |

Natural Provo River Head Heber Valley

1951
Second Feet

| | May | June | July | August | September |
|---|---|---|---|---|---|
| 1 | | | | 75 | 91 |
| 2 | | | 354 | 72 | 88 |
| 3 | | | 299 | 120 | 81 |
| 4 | | | 242 | 115 | 78 |
| 5 | | | 218 | 215 | 77 |
| 6 | | | 227 | 140 | 78 |
| 7 | | | 213 | 113 | 76 |
| 8 | | | 186 | 95 | 73 |
| 9 | | | 190 | 83 | 83 |
| 10 | | | 173 | 67 | 83 |
| 11 | | | 175 | 112 | 84 |
| 12 | | | 111 | 97 | 83 |
| 13 | | | 101 | 94 | 85 |
| 14 | | | 98 | 77 | 80 |
| 15 | | | 107 | 78 | 69 |
| 16 | | | 98 | 91 | 68 |
| 17 | | | 96 | 68 | 67 |
| 18 | | | 89 | 66 | 62 |
| 19 | | | 87 | 66 | 68 |
| 20 | | | 92 | 79 | 67 |
| 21 | | | 113 | 87 | 66 |
| 22 | | | 201 | 97 | 70 |
| 23 | | | 93 | 97 | 70 |
| 24 | | | 87 | 98 | 70 |
| 25 | | | 78 | 84 | |
| 26 | | | 94 | 88 | |
| 27 | | | 92 | 93 | 55 |
| 28 | | | 98 | 86 | |
| 29 | | | 128 | 94 | |
| 30 | | | 104 | 91 | 64 |
| 31 | | | 92 | 94 | xx |

Total Provo River Head Heber Valley

1951
Second Feet

| Date 1951 | May | June | July | August | September |
|---|---|---|---|---|---|
| 1 | | | | 255 | 104 |
| 2 | | | 476 | 244 | 101 |
| 3 | | | 427 | 249 | 94 |
| 4 | | | 501 | 244 | 91 |
| 5 | | | 440 | 344 | 90 |
| 6 | | | 422 | 269 | 91 |
| 7 | | | 397 | 249 | 91. |
| 8 | | | 309 | 229 | 88 |
| 9 | | | 313 | 217 | 98 |
| 10 | | | 295 | 201 | 98 |
| 11 | | | 393 | 145 | 99 |
| 12 | | | 380 | 129 | 98 |
| 13 | | | 362 | 126 | 100 |
| 14 | | | 276 | 110 | 95 |
| 15 | | | 270 | 111 | 84 |
| 16 | | | 265 | 105 | 82 |
| 17 | | | 263 | 82 | 83 |
| 18 | | | 253 | 80 | 77 |
| 19 | | | 230 | 80 | 83 |
| 20 | | | 240 | 93 | 82 |
| 21 | | | 291 | 101 | 81 |
| 22 | | | 370 | 112 | 83 |
| 23 | | | 283 | 111 | 82 |
| 24 | | | 248 | 111 | 82 |
| 25 | | | 240 | 97 | |
| 26 | | | 271 | 101 | |
| 27 | | | 283 | 106 | 69 |
| 28 | | | 270 | 99 | |
| 29 | | | 324 | 107 | |
| 30 | | | 270 | 104 | 79 |
| 31 | | | 247 | 107 | xxx |

Dailey Discharge in Second Feet of Midway Irrigation Canal. April-September 1951. L.5' x 8' Suppressed Weir

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 10 | 1.0 | 118 | 37.6 | 140 | 49.4 | 64 | 14.6 | 68 | 15.9 |
| 2 | | | 60 | 13.1 | 120 | 38.6 | 138 | 48.3 | 64 | 14.6 | 66 | 15.2 |
| 3 | | | 78 | 19.7 | 120 | 38.6 | 138 | 48.3 | 64 | 14.6 | 61 | 13.4 |
| 4 | | | 84 | 22.1 | 110 | 33.7 | 150 | 55.2 | 64 | 14.6 | 58 | 12.5 |
| 5 | | | 94 | 26.3 | 116 | 36.6 | 136 | 47.2 | 68 | 15.9 | 59 | 12.8 |
| 6 | | | 118 | 36.6 | 134 | 46.1 | 132 | 45.0 | 64 | 14.6 | 58 | 12.5 |
| 7 | | | 106 | 31.8 | 136 | 47.2 | 118 | 37.6 | 64 | 14.6 | 58 | 12.5 |
| 8 | | | 94 | 26.3 | 142 | 50.6 | 110 | 33.7 | 64 | 14.6 | 56 | 11.8 |
| 9 | | | 90 | 24.6 | 138 | 48.3 | 94 | 26.3 | 64 | 14.6 | 60 | 13.1 |
| 10 | | | 100 | 29.0 | 130 | 43.9 | 92 | 25.4 | 62 | 13.8 | 60 | 13.1 |
| 11 | | | 122 | 39.7 | 124 | 40.7 | 92 | 25.4 | 58 | 12.5 | 56 | 11.8 |
| 12 | | | 116 | 36.6 | 138 | 48.3 | 90 | 24.6 | 62 | 13.8 | 56 | 11.8 |
| 13 | | | 100 | 29.0 | 136 | 47.2 | 90 | 24.6 | 64 | 14.6 | 56 | 11.8 |
| 14 | | | 98 | 28.1 | 140 | 49.4 | 58 | 12.5 | 60 | 13.1 | 54 | 11.2 |
| 15 | | | 94 | 26.3 | 144 | 51.1 | 62 | 13.8 | 62 | 13.8 | 44 | 8.2 |
| 16 | | | 90 | 24.6 | 146 | 52.9 | 58 | 12.5 | 62 | 13.8 | 54 | 11.2 |
| 17 | 62 | 13.8 | 100 | 29.0 | 146 | 52.9 | 58 | 12.5 | 50 | 10.0 | 52 | 10.6 |
| 18 | | | 114 | 35.7 | 140 | 49.4 | 58 | 12.5 | 62 | 13.8 | 50 | 10.0 |
| 19 | | | 130 | 43.9 | 144 | 51.1 | 58 | 12.5 | 62 | 13.8 | 60 | 13.1 |
| 20 | 84 | 22.1 | 126 | 41.8 | 136 | 47.2 | 62 | 13.8 | 70 | 16.6 | 62 | 13.8 |
| 21 | | | 120 | 38.6 | 136 | 47.2 | 64 | 14.6 | 70 | 16.6 | 66 | 15.2 |
| 22 | 68 | 15.9 | 118 | 37.6 | 128 | 42.8 | 68 | 15.9 | 76 | 18.9 | 62 | 13.8 |
| 23 | | | 106 | 31.8 | 136 | 47.2 | 64 | 14.6 | 82 | 21.3 | 60 | 13.1 |
| 24 | 42 | 7.7 | 108 | 32.7 | 142 | 50.5 | 66 | 13.8 | 81 | 20.9 | 62 | 13.8 |
| 25 | | | 118 | 37.6 | 132 | 45.0 | 62 | 13.8 | 74 | 18.2 | | |
| 26 | 20 | 2.6 | 116 | 36.6 | 138 | 48.3 | 62 | 13.8 | 68 | 15.9 | | |
| 27 | | | 116 | 36.6 | 138 | 48.3 | 62 | 13.8 | 60 | 13.1 | 60 | 13.1 |
| 28 | 20 | 2.6 | 118 | 37.6 | 140 | 49.4 | 62 | 13.8 | 64 | 14.6 | | |
| 29 | | | 128 | 42.3 | 138 | 48.3 | 64 | 14.6 | 52 | 10.6 | | |
| 30 | 10 | 1.0 | 114 | 35.7 | 136 | 47.2 | 64 | 14.6 | 70 | 16.6 | 60 | 13.1 |
| 31 | | xxxx | 130 | 43.9 | | xxxx | 64 | 14.6 | 82 | 21.3 | | xxxx |
| Mean Cfs | | 9.4 | | 31.5 | | 46.2 | | 23.8 | | 15.2 | | 12.6 |
| Aft | | 263.2 | | 1953.0 | | 2772.0 | | 1475.6 | | 942.4 | | 756.0 |

Grand Total April-September 8,162 Acre Feet.

Dailey Discharge in Second Feet of Wasatch Irrigation Canal. April-September 1951.

1' x 18' Suppressed Weir

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 38 | 15.1 | 128 | 101.3 | 130 | 103.7 | 110 | 79.4 | 84 | 51.7 |
| 2 | | | 38 | 15.1 | 110 | 79.4 | 142 | 119.7 | 112 | 81.7 | 81 | 48.8 |
| 3 | | | 44 | 18.9 | 118 | 88.9 | 136 | 111.8 | 110 | 79.4 | 76 | 44.1 |
| 4 | | | 44 | 18.9 | 124 | 96.3 | 136 | 111.8 | 112 | 81.7 | 76 | 44.1 |
| 5 | | | 44 | 18.9 | 136 | 111.8 | 108 | 77.0 | 120 | 91.3 | 74 | 42.3 |
| 6 | | | 40 | 16.4 | 140 | 117.0 | 108 | 77.0 | 124 | 96.3 | 78 | 45.9 |
| 7 | | | 80 | 47.9 | 140 | 117.0 | 108 | 77.0 | 114 | 84.1 | 78 | 45.9 |
| 8 | | | 106 | 74.9 | 142 | 119.7 | 106 | 74.9 | 104 | 72.5 | 74 | 42.3 |
| 9 | | | 108 | 77.0 | 138 | 114.3 | 108 | 77.0 | 100 | 68.2 | 82 | 49.7 |
| 10 | | | 118 | 88.9 | 140 | 117.0 | 118 | 88.9 | 96 | 63.9 | 88 | 49.7 |
| 11 | | | 120 | 91.3 | 138 | 114.3 | 116 | 86.4 | 80 | 47.9 | 78 | 45.9 |
| 12 | | | 118 | 88.9 | 144 | 122.4 | 113 | 83.0 | 106 | 74.9 | 78 | 45.9 |
| 13 | | | 108 | 77.0 | 140 | 117.0 | 108 | 77.0 | 104 | 72.5 | 80 | 47.9 |
| 14 | | | 104 | 72.5 | 146 | 125.3 | 116 | 86.4 | 94 | 61.7 | 76 | 44.1 |
| 15 | | | 112 | 81.7 | 144 | 122.4 | 114 | 84.1 | 98 | 66.1 | 70 | 38.7 |
| 16 | | | 110 | 79.4 | 140 | 117.0 | 114 | 84.1 | 94 | 61.7 | 64 | 35.8 |
| 17 | | 2.0 | 120 | 91.3 | 134 | 109.1 | 114 | 84.1 | 78 | 45.9 | 62 | 32.0 |
| 18 | | | 142 | 119.7 | 130 | 103.7 | 114 | 84.1 | 68 | 37.1 | 60 | 30.4 |
| 19 | | | 130 | 103.7 | 146 | 125.3 | 108 | 77.0 | 68 | 37.1 | 66 | 35.5 |
| 20 | 50 | 23.0 | 130 | 103.7 | 138 | 114.3 | 118 | 88.9 | 76 | 44.1 | 68 | 37.1 |
| 21 | | | 118 | 88.9 | 138 | 114.3 | 146 | 125.3 | 80 | 47.9 | 66 | 35.5 |
| 22 | 28. | 9.5 | 134 | 109.1 | 126 | 98.8 | 140 | 117.0 | 86 | 53.6 | 66 | 35.5 |
| 23 | | | 124 | 96.3 | 110 | 79.4 | 116 | 86.4 | 84 | 51.7 | 66 | 35.5 |
| 24 | 20 | 5.9 | 106 | 74.9 | 128 | 101.3 | 108 | 77.0 | 84 | 51.7 | 66 | 35.5 |
| 25 | | | 96 | 63.9 | 134 | 109.1 | 112 | 81.7 | 76 | 44.1 | | |
| 26 | 20 | 5.9 | 124 | 96.3 | 126 | 98.8 | 113 | 83.0 | 80 | 47.9 | | |
| 27 | | | 102 | 70.3 | 134 | 109.1 | 118 | 88.9 | 86 | 53.6 | 62 | 32.0 |
| 28 | 38 | 15.1 | 124 | 96.3 | 140 | 117.0 | 114 | 84.1 | 80 | 47.9 | | |
| 29 | | | 124 | 96.3 | 130 | 103.7 | 126 | 98.8 | 88 | 55.6 | | |
| 30 | 36 | 14.0 | 114 | 84.1 | 126 | 98.8 | 114 | 84.1 | 84 | 51.7 | 70 | 38.7 |
| 31 | | xxxx | 124 | 96.3 | | xxxx | 108 | 77.0 | 82 | 49.7 | | xxxx |
| Mean Cfs | | 10.8 | | 73.4 | | 108.8 | | 88.9 | | 61.4 | | 41.1 |
| Aft | | 302.4 | | 6745.6 | | 6528.0 | | 5511.8 | | 3806.8 | | 2466. |

Grand Total April-September 25,361 Acre Feet.

Dailey Discharge in Second Feet of North Field Irrigation Canal. April-September 1951. 1.5' x 15' Suppressed Weir.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 66 | 28.5 | 168 | 124.2 | 168 | 124.2 | 70 | 31.2 | 70 | 31.2 |
| 2 | | | 66 | 28.5 | 132 | 84.3 | 168 | 124.2 | 66 | 28.5 | 72 | 32.5 |
| 3 | | | 94 | 49.3 | 130 | 82.3 | 158 | 112.5 | 66 | 28.5 | 69 | 30.4 |
| 4 | | | 98 | 52.6 | 138 | 90.6 | 154 | 108.0 | 66 | 28.5 | 68 | 29.8 |
| 5 | | | 96 | 51.0 | 168 | 124.2 | 114 | 66.9 | 68 | 29.8 | 68 | 29.8 |
| 6 | | | 86 | 42.9 | 170 | 126.6 | 104 | 57.7 | 70 | 31.2 | 64 | 27.3 |
| 7 | | | 120 | 72.4 | 172 | 129.0 | 102 | 56.1 | 74 | 34.0 | 64 | 27.3 |
| 8 | | | 116 | 68.7 | 180 | 138.7 | 102 | 56.1 | 72 | 32.5 | 66 | 28.5 |
| 9 | | | 128 | 80.2 | 166 | 121.8 | 102 | 56.1 | 72 | 32.5 | 68 | 29.8 |
| 10 | | | 118 | 70.5 | 162 | 117.1 | 106 | 59.5 | 68 | 29.8 | 68 | 29.8 |
| 11 | | | 134 | 86.4 | 156 | 110.2 | 106 | 59.5 | 66 | 28.5 | 66 | 28.5 |
| 12 | | | 140 | 92.7 | 168 | 124.2 | 106 | 59.5 | 76 | 35.4 | 66 | 28.5 |
| 13 | | | 130 | 82.3 | 168 | 124.2 | 78 | 36.9 | 74 | 34.0 | 66 | 28.5 |
| 14 | | | 126 | 78.3 | 180 | 138.7 | 84 | 41.4 | 68 | 29.8 | 65 | 27.9 |
| 15 | | | 126 | 78.3 | 190 | 151.5 | 82 | 39.9 | 62 | 25.9 | 62 | 25.9 |
| 16 | | | 124 | 76.3 | 174 | 131.4 | 78 | 36.9 | 60 | 24.6 | 58 | 23.4 |
| 17 | 42 | 14.4 | 144 | 96.9 | 174 | 131.4 | 75 | 34.8 | 54 | 21.0 | 58 | 23.4 |
| 18 | | | 166 | 121.8 | 166 | 121.8 | 72 | 32.5 | 59 | 24.0 | 56 | 22.2 |
| 19 | | | 164 | 119.4 | 190 | 151.5 | 70 | 31.2 | 59 | 24.0 | 52 | 19.8 |
| 20 | 68 | 29.8 | 184 | 143.8 | 168 | 124.2 | 66 | 28.5 | 66 | 28.5 | 52 | 19.8 |
| 21 | | | 138 | 90.6 | 168 | 124.2 | 62 | 25.9 | 70 | 31.2 | 52 | 19.8 |
| 22 | 66 | 28.5 | 170 | 126.6 | 186 | 146.4 | 94 | 49.3 | 74 | 34.0 | 56 | 22.2 |
| 23 | | | 152 | 105.7 | 158 | 112.5 | 84 | 41.4 | 73 | 33.3 | 56 | 22.2 |
| 24 | 80 | 38.2 | 166 | 121.8 | 150 | 103.5 | 82 | 39.9 | 73 | 33.3 | 54 | 21.0 |
| 25 | | | 140 | 92.7 | 160 | 114.7 | 70 | 31.2 | 68 | 29.8 | | |
| 26 | 80 | 38.2 | 142 | 94.8 | 156 | 110.2 | 84 | 41.4 | 71 | 31.9 | | |
| 27 | | | 112 | 64.9 | 150 | 103.5 | 86 | 42.9 | 74 | 34.0 | 50 | 18.7 |
| 28 | 66 | 28.5 | 160 | 114.7 | 160 | 114.7 | 82 | 39.9 | 70 | 31.2 | | |
| 29 | | | 158 | 112.5 | 142 | 94.8 | 96 | 51.0 | 76 | 35.4 | | |
| 30 | 66 | 28.5 | 142 | 94.8 | 136 | 88.5 | 84 | 41.4 | 70 | 31.2 | 54 | 21.0 |
| 31 | | xxxx | 170 | 126.6 | | xxxx | 72 | 32.5 | 70 | 31.2 | | xxxx |
| Mean Cfs | | 29.4 | | 86.0 | | 118.7 | | 53.5 | | 30.3 | | 25.7 |
| Aft | | 823.2 | | 5332.0 | | 6822.0 | | 3317.0 | | 1878.6 | | 1542. |

Grand Total April-September 19,715 Acre Feet.

Dailey Discharge in Second Feet of Timpanogas Irrigation Canal. April-September 1951. 1.5' x 12', Suppressed weir.

| | April | | May | | June | | July | | August | | Septerber | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 34 | 8.5 | 108 | 49.1 | 124 | 61.1 | | | | |
| 2 | | | 34 | 8.5 | 102 | 44.8 | 114 | 53.5 | | | | |
| 3 | | | 82 | 31.8 | 114 | 53.5 | 118 | 56.4 | | | | |
| 4 | | | 86 | 34.3 | 110 | 50.5 | 120 | 57.9 | | | | |
| 5 | | | 86 | 34.3 | 110 | 50.5 | 120 | 57.9 | | | | |
| 6 | | | 80 | 30.6 | 108 | 49.1 | 116 | 54.9 | | | | |
| 7 | | | 82 | 31.8 | 110 | 50.5 | 114 | 53.5 | | | | |
| 8 | | | 104 | 46.2 | 112 | 52.0 | 104 | 46.2 | | | | |
| 9 | | | 106 | 47.7 | 114 | 53.5 | 112 | 52.0 | | | | |
| 10 | | | 108 | 49.1 | 116 | 54.9 | 118 | 56.4 | | | | |
| 11 | | | 110 | 50.5 | 120 | 57.9 | 118 | 56.4 | | | 32 | 7.8 |
| 12 | | | 112 | 52.0 | 118 | 56.4 | 118 | 56.4 | | | 30 | 7.1 |
| 13 | | | 110 | 50.5 | 118 | 56.4 | 116 | 54.9 | | | 30 | 7.1 |
| 14 | | | 106 | 47.7 | 128 | 64.2 | 116 | 54.9 | | | 30 | 7.1 |
| 15 | | | 102 | 44.8 | 122 | 59.5 | 116 | 54.9 | | | 20 | 6.4 |
| 16 | | | 118 | 56.4 | 122 | 59.5 | 116 | 54.9 | | | 36 | 9.2 |
| 17 | | | 112 | 52.0 | 120 | 57.9 | 117 | 55.7 | | | 37 | 9.6 |
| 18 | | | 120 | 57.9 | 120 | 57.9 | 116 | 54.9 | | | 36 | 9.2 |
| 19 | | | 118 | 56.4 | 118 | 56.4 | 114 | 53.5 | | | 36 | 9.2 |
| 20 | | | 120 | 57.9 | 116 | 54.9 | 120 | 57.9 | | | 28 | 6.4 |
| 21 | | | 100 | 43.4 | 118 | 56.4 | 124 | 61.1 | | | 26 | 5.8 |
| 22 | | | 110 | 50.5 | 116 | 54.9 | 124 | 61.1 | | | 28 | 6.4 |
| 23 | | | 106 | 47.7 | 118 | 56.4 | 122 | 59.5 | | | 28 | 6.4 |
| 24 | 34 | 8.5 | 106 | 47.7 | 120 | 57.9 | 120 | 57.9 | | | 30 | 7.1 |
| 25 | | | 84 | 33.0 | 120 | 57.9 | 122 | 59.5 | | | | |
| 26 | 32 | 7.8 | 94 | 39.4 | 118 | 56.4 | 123 | 60.3 | | | | |
| 27 | | | 94 | 39.4 | 116 | 54.9 | 123 | 60.3 | | | 20 | 4.0 |
| 28 | 32 | 7.8 | 86 | 34.3 | 118 | 56.4 | 122 | 59.5 | | | | |
| 29 | | | 86 | 34.3 | 116 | 54.9 | 124 | 61.1 | | | | |
| 30 | 34 | 8.5 | 96 | 40.8 | 118 | 56.4 | | | | | 26 | 5.8 |
| 31 | | xxx | 98 | 42.1 | | xxxx | | | | | | xxx |
| Mean Cfs | | 8.1 | | 42.0 | | 55.1 | | 56.7 | | | | 7.2 |
| Aft | | 113.4 | | 2666.0 | | 3306.0 | | 3288.6 | | | | 288.0 |

Grand Total April-September 9,662 Acre Feet.

Dailey Discharge in Second Feet of Spring Creek Irrigation Canal April-September 1951. 10' Rating Flume. Old Rating changed, August 1 to Sept. 4. After Sept. New Rating.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 24 | 30.4 | 92 | 57.0 | | | 46-06 | 36.0 | 66-54 | 26.2 |
| 2 | | | | | | | | | | | | |
| 3 | | | | | 76 | 49.9 | 60 | 43.5 | | | | |
| 4 | | | | | | | | | 74-12 | 44.3 | 54-60 | 19.6 |
| 5 | | | | 0000 | | | | | | | | |
| 6 | | | | | 92 | 57.0 | 34 | 33.9 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | 42 | 36.7 | | | | | 58-18 | 36.0 | | |
| 9 | | | | | 94 | 58.0 | 22 | 29.7 | | | 62 | 19.8 |
| 10 | | | | | | | | | | | | |
| 11 | | | 44 | 37.4 | | | | | | | | |
| 12 | | | | | 90 | 56.0 | | | 60-24 | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | 24 | 30.4 | | | | |
| 15 | | | 30 | 32.5 | 98 | 60.0 | | | | | | |
| 16 | | | | | | | | | 58-30 | 31.8 | 60 | 18.5 |
| 17 | | | 34 | 33.9 | | | | | | | | |
| 18 | | | | | | | 30 | 32.5 | | | | |
| 19 | | | 74 | 49.1 | 110 | 66.0 | | | | | | |
| 20 | Est | 15.0 | | | | | | | 58-36 | 29.7 | | |
| 21 | | | | | | | 62 | 44.3 | | | | |
| 22 | | | 82 | 52.4 | 98 | 60.0 | | | | | | |
| 23 | | | | | | | | | | | 50 | 16.0 |
| 24 | | | | | | | | | 62-42 | 29.0 | | |
| 25 | | | 62 | 44.3 | | | | | | | | |
| 26 | 26 | 28.3 | | | 78 | 50.7 | 34 | 33.9 | | | | |
| 27 | | | | | | | | | | | 48 | 15.5 |
| 28 | | | | | | | | | 58-48 | 25.5 | | |
| 29 | | | 108 | 65.0 | 96 | 59.0 | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | xxxx | | | | xxxx | | | | | | xxxx |
| Mean Cfs | | 21.6 | | 38.2 | | 57.4 | | 35.5 | | 33.3 | | 19.1 |
| Aft | | 475.2 | | 2368.4 | | 3444.0 | | 2201.0 | | 2064.6 | | 1146.0 |

Grand Total April-September 13,764 Acre Feet.

Dailey Discharge in Second Feet of Island Ditch. April-September 1951. 6' Rectangular Weir.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 46 | 6.1 | 100 | 19.3 | | | 48 | 6.5 | 40 | 5.0 |
| 2 | | | | | | | | | | | | |
| 3 | | | | | 96 | 18.2 | 68 | 10.9 | | | | |
| 4 | | | | | | | | | 48 | 6.5 | 32 | 3.6 |
| 5 | | | 46 | 6.1 | | | | | | | | |
| 6 | | | | | 94 | 17.6 | 82 | 14.4 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | 86 | 15.5 | | | | | 46 | 6.1 | | |
| 9 | | | | | 110 | 22.2 | 68 | 10.9 | | | 40 | 5.0 |
| 10 | | | | | | | | | | | | |
| 11 | | | 82 | 14.4 | | | | | | | | |
| 12 | | | | | 110 | 22.2 | | | 52 | 7.3 | | |
| 13 | | | | | | | | | | | | |
| 14 | | | 90 | 16.5 | | | 46 | 6.1 | | | | |
| 15 | | | | | 110 | 22.2 | | | | | | |
| 16 | | | 94 | 17.6 | | | | | 50 | 6.9 | 38 | 4.6 |
| 17 | | | | | | | | | | | | |
| 18 | | | 100 | 19.3 | | | 46 | 6.1 | | | | |
| 19 | | | | | 110 | 22.2 | | | | | | |
| 20 | | | | | | | | | 36 | 4.3 | | |
| 21 | | | | | | | 58 | 8.6 | | | | |
| 22 | | | 100 | 19.3 | 56 | 8.2 | | | | | | |
| 23 | | | | | | | | | | | 42 | 5.4 |
| 24 | | | | | | | | | 46 | 6.1 | | |
| 25 | | | | | | | | | | | | |
| 26 | 32 | 3.6 | 96 | 18.2 | 94 | 17.6 | 46 | 6.1 | | | | |
| 27 | | | | | | | | | | | 44 | 5.7 |
| 28 | | | | | | | | | 50 | 6.9 | | |
| 29 | | | 120 | 25.2 | 90 | 16.5 | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | xxx | | | | xxxx | | | | | | xxx |
| Mean Cfs | | 3.6 | | 15.8 | | 18.6 | | 9.0 | | 6.3 | | 4.9 |
| Aft | | 35.0 | | 979.6 | | 1116.0 | | 558.0 | | 390.6 | | 294.0 |

Grand Total April-September 3373 Acre Feet.

Dailey Discharge in Second Feet of Upper Charleston Canal. April-September 1951. 0.75' x 11.5 Suppressed Weir.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | 96 | 42.2 | | | 50 | 15.0 | 46 | 13.2 |
| 2 | | | 34 | 8.5 | | | | | | | | |
| 3 | | | | | 68 | 24.4 | 68 | 24.4 | | | | |
| 4 | | | | | | | | | 74 | 27.9 | 44 | 12.3 |
| 5 | | | 90 | 38.1 | | | | | | | | |
| 6 | | | | | 104 | 48.3 | 68 | 24.4 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | 40 | 10.7 | | | | | 58 | 19.0 | | |
| 9 | | | | | 90 | 40.8 | 62 | 21.1 | | | 48 | 14.1 |
| 10 | | | | | | | | | | | | |
| 11 | | | 50 | 15.0 | | | | | | | | |
| 12 | | | | | 86 | 35.5 | | | 54 | 17.0 | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | 58 | 19.0 | | | | |
| 15 | | | 66 | 23.3 | 100 | 45.1 | | | | | | |
| 16 | | | | | | | | | 54 | 17.0 | 52 | 16.0 |
| 17 | | | 84 | 34.1 | | | | | | | | |
| 18 | | | | | | | 60 | 20.0 | | | | |
| 19 | | | 90 | 38.1 | 64 | 22.2 | | | | | | |
| 20 | 38 | 9.9 | | | | | | | 54 | 17.0 | | |
| 21 | | | | | | | 82 | 32.9 | | | | |
| 22 | | | 74 | 27.9 | 64 | 22.2 | | | | | | |
| 23 | | | | | | | | | | | 36 | 9.2 |
| 24 | | | | | | | | | 44 | 12.3 | | |
| 25 | | | | | | | | | | | | |
| 26 | 34 | 8.5 | 76 | 29.1 | 74 | 27.9 | 68 | 24.4 | | | | |
| 27 | | | | | | | | | | | 38 | 9.9 |
| 28 | | | | | | | | | | | | |
| 29 | | | 72 | 26.7 | 80 | 31.6 | | | 46 | 13.2 | | |
| 30 | | | | | | | | | | | | |
| 31 | | xxx | | | | xxxx | | | | | | xxx |
| Mean Cfs | | 9.2 | | 25.1 | | 34.0 | | 23.7 | | 17.3 | | 12.4 |
| Aft | | 202.4 | | 1556.2 | | 2040.0 | | 1469.4 | | 1072.6 | | 744.0 |

Grand Total April-September 7,085 Acre Feet.

Daily Discharge in Second Feet of Lower Charleston Canal, April-September 1951. 3' Parshall.

| | April | | May | | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | 65 | 6.1 | 104 | 12.8 | | | 60 | 5.4 | 56 | 4.8 |
| 2 | | | | | | | | | | | | |
| 3 | | | | | 78 | 8.1 | 66 | 6.3 | | | | |
| 4 | | | | | | | | | 60 | 5.4 | 56 | 4.8 |
| 5 | | | 82 | 8.8 | | | | | | | | |
| 6 | | | | | 78 | 8.1 | 80 | 8.5 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | 82 | 8.8 | | | | | 58 | 5.1 | | |
| 9 | | | | | 72 | 7.2 | 76 | 7.8 | | | 38 | 2.6 |
| 10 | | | | | | | | | | | | |
| 11 | | | 104 | 12.8 | | | | | | | | |
| 12 | | | | | 68 | 6.6 | | | 70 | 6.9 | | |
| 13 | | | | | | | | | | | | |
| 14 | | | 90 | 10.2 | | | 40 | 2.9 | | | | |
| 15 | | | | | 68 | 6.6 | | | | | | |
| 16 | | | 90 | 10.2 | | | | | 68 | 6.6 | 42 | 3.1 |
| 17 | | | | | | | | | | | | |
| 18 | | | 94 | 10.9 | | | 36 | 2.4 | | | | |
| 19 | | | | | 70 | 6.9 | | | | | | |
| 20 | 70 | 6.9 | | | | | | | 52 | 4.3 | | |
| 21 | | | | | | | 66 | 6.3 | | | | |
| 22 | | | 90 | 10.2 | 80 | 8.5 | | | | | | |
| 23 | | | | | | | | | | | 46 | 3.6 |
| 24 | | | | | | | | | 42 | 3.1 | | |
| 25 | | | | | | | | | | | | |
| 26 | 32 | 2.0 | 100 | 12.0 | 94 | 10.9 | 96 | 11.3 | | | | |
| 27 | | | | | | | | | | | 44 | 3.3 |
| 28 | | | | | | | | | 60 | 5.4 | | |
| 29 | | | 104 | 12.8 | 64 | 6.0 | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Mean Cfs | | 4.4 | | 10.3 | | 8.2 | | 6.5 | | 5.3 | | 3.7 |
| Aft | | 96.8 | | 638.6 | | 492.0 | | 403.0 | | 328.6 | | 222.0 |

Grand Total April-September 2,181 Acre Feet.

Daily Discharge in Second Feet of South Kamas and Washington Canal.
May-September 1951. 1.25' x 14' Suppressed Weir.
Lateral No 1 B S Orfice.

| | May | | | | June | | | | July | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G | Cfs | #1 | Tot | G | Cfs | #1 | Tot | G | Cfs | #1 | Tot |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | 136 | 84.8 | 0 | 84.8 |
| 3 | | | | | 110 | 60.3 | 0 | 60.3 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | 148 | 101.8 | 2.5 | 104.3 |
| 6 | | | | | 130 | 78.8 | 2.2 | 81.0 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | 104 | 55.2 | 6.6 | 61.8 |
| 9 | | | | | 138 | 86.8 | 0 | 86.8 | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | 98 | 50.2 | 6.3 | 56.5 |
| 12 | 46 | 15.1 | 0 | 15.5 | 134 | 82.8 | 1.8 | 84.6 | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | 98 | 50.2 | 2.1 | 52.3 |
| 15 | 38 | 11.6 | 0 | 11.6 | 138 | 86.8 | 1.5 | 88.3 | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | 91 | 44.7 | 1.6 | 46.3 |
| 18 | 39 | 11.6 | 0 | 11.6 | 130 | 78.8 | 4.8 | 83.6 | | | | |
| 19 | | | | | | | | | | | | |
| 20 | 38 | 11.6 | 0 | 11.6 | | | | | 89 | 43.1 | 0 | 43.1 |
| 21 | | | | | | | | | | | | |
| 22 | | | | | 126 | 75.0 | 5.5 | 80.5 | | | | |
| 23 | | | | | | | | | | | | |
| 24 | 42 | 13.6 | 0 | 13.6 | 132 | 80.8 | 3.5 | 84.3 | 88 | 42.4 | 0 | 42.4 |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | 78 | 35.1 | 0 | 35.1 | | | | | 84 | 39.3 | 3.9 | 43.2 |
| 28 | | | | | 140 | 88.8 | 0 | 88.8 | | | | |
| 29 | | | | | | | | | | | | |
| 30 | 132 | 80.8 | 3.0 | 83.8 | | | | | 82 | 37.9 | 3.9 | 41.8 |
| 31 | | | | | | | | | 52 | 18.8 | 3.0 | 21.8 |
| Mean Cfs | | | | 26.1 | | | | 82.0 | | | | 54.4 |
| Aft | | | | 1044.0 | | | | 4920.0 | | | | 3372.8 |

Dailey Discharge in Second Feet of South Kamas and Washington Canal.
May-September 1951.

| | August | | | | September | | | |
|---|---|---|---|---|---|---|---|---|
| | G | Cfs | #1 | Tot | G | Cfs | #1 | Tot |
| 1 | | | | | | | | |
| 2 | 47 | 16.1 | 1.7 | 17.8 | 82 | 37.9 | 0 | 37.9 |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | 48 | 16.7 | 2.2 | 18.9 | | | | |
| 6 | | | | | 82 | 37.9 | 0 | 37.9 |
| 7 | | | | | | | | |
| 8 | | | | | 82 | 37.9 | 0 | 37.9 |
| 9 | | | | | | | | |
| 10 | 48 | 16.7 | 0 | 16.7 | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | 52 | 18.8 | 0 | 18.8 |
| 14 | 44 | 14.6 | 0 | 14.6 | | | | |
| 15 | | | | | | | | |
| 16 | 79 | 35.8 | 0 | 35.8 | | | | |
| 17 | | | | | 44 | 14.6 | 0 | 14.6 |
| 18 | | | | | | | | |
| 19 | 76 | 33.7 | 1.7 | 35.4 | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | 78 | 35.1 | 1.7 | 36.8 | 44 | 14.6 | 0 | 14.6 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 80 | 36.5 | 1.7 | 38.2 | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | 82 | 37.9 | 1.7 | 39.6 | | | | |
| 30 | | | | | 46 | 15.5 | 0 | 15.5 |
| 31 | | | | | | | | XXXX |
| Mean Cfs | | | | 28.2 | | | | 29.5 |
| Aft | | | | 1748.4 | | | | 1770.0 |

Grand Total May-September 12,855 Acre Feet.

Dailey Discharge in Second Feet of Sunrise Canal.
June-September 1951. Rating Flume.

| | June | | July | | August | | September | |
|---|---|---|---|---|---|---|---|---|
| | G | Cfs | G | Cfs | G | Cfs | G | Cfs |
| 1 | | | | | | | | |
| 2 | | | 118 | 15.2 | 54 | 6.7 | 36 | 4.3 |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | 96 | 12.3 | 54 | 6.7 | | |
| 6 | | | | | | | 38 | 4.6 |
| 7 | | | | | | | | |
| 8 | | | 60 | 7.5 | | | 34 | 4.1 |
| 9 | 110 | 14.1 | | | | | | |
| 10 | | | | | 18 | 2.0 | | |
| 11 | | | 104 | 13.3 | | | | |
| 12 | 114 | 14.7 | | | | | | |
| 13 | | | | | | | 26 | 3.0 |
| 14 | | | 106 | 13.6 | 34 | 4.1 | | |
| 15 | 120 | 15.5 | | | | | | |
| 16 | | | | | | | | |
| 17 | | | 66 | 8.3 | | | 18 | 2.0 |
| 18 | 124 | 16.0 | | | | | | |
| 19 | | | | | 26 | 3.0 | | |
| 20 | | | 64 | 8.0 | | | | |
| 21 | | | | | | | | |
| 22 | | 00 | | | 48 | 5.9 | 10 | 1.2 |
| 23 | | | | | | | | |
| 24 | 122 | 15.7 | 60 | 7.5 | | | | |
| 25 | | | | | 40 | 4.9 | | |
| 26 | | | | | | | | |
| 27 | | | 64 | 8.0 | | | 10 | 1.2 |
| 28 | 118 | 15.2 | | | | | | |
| 29 | | | | | 40 | 4.9 | | |
| 30 | | | 54 | 6.7 | | | | |
| 31 | | xxxx | | | | | | xxxx |
| Mean Cfs | | 13.0 | | 10.0 | | 4.8 | | 3.0 |
| Aft | | 572.0 | | 320.0 | | 297.6 | | 180.0 |

Grand Total June-September 1,670 Acre Feet.

Dailey Discharge in Second Feet of Indivigual Ditches 1951.

| | Hewletts & Duncan | | | | | Knight & Baird | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | May | June | July | Aug | Sept | May | June | July | Aug | Sept |
| 1 | | | | | | | | | | |
| 2 | | | 12.9 | | 9.0 | | | 5.5 | | 5.5 |
| 3 | | 11.0 | | | | | | | | |
| 4 | | | | | | | 9.0 | | | |
| 5 | | | 7.5 | 6.0 | | | | 7.5 | 5.0 | |
| 6 | | 11.0 | | | 7.5 | | 15.0 | | | 5.5 |
| 7 | | | | | | | | | | |
| 8 | | | 5.0 | | 4.5 | | | 5.0 | | 3.5 |
| 9 | | 11.0 | | | | | 12.0 | | | |
| 10 | | | | | | | | | 3.5 | |
| 11 | | | 4.5 | 4.5 | | | | 5.0 | | |
| 12 | | 10.0 | | | | | 10.0 | | | |
| 13 | | | | | 4.5 | | | | | 3.5 |
| 14 | | | 4.5 | 2.0 | | | | 5.2 | 3.0 | |
| 15 | | 12.1 | | | | | 15.0 | | | |
| 16 | | | | | | | | | | |
| 17 | | | 4.5 | | 2.5 | | | 4.5 | | 2.5 |
| 18 | | 12.1 | | | | | | | | |
| 19 | | | | 00 | | | 15.0 | | 3.0 | |
| 20 | | | 4.7 | | | | | 4.5 | | |
| 21 | 3.0 | | | | | 7.0 | | | | |
| 22 | | 12.1 | | 8.5 | 4.5 | | 12.0 | | 3.5 | 3.5 |
| 23 | | | | | | | | | | |
| 24 | 12.0 | 12.5 | 5.0 | 3.2 | | 7.0 | 7.0 | 4.5 | 3.5 | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 12.0 | 12.6 | 4.5 | | | 12.0 | | 5.5 | | |
| 28 | | | | 3.2 | 3.5 | | 7.0 | | 3.5 | 3.5 |
| 29 | | | | | | | | | | |
| 30 | | | 4.5 | | | | | 5.5 | | |
| 31 | 15.0 | xxx | | | xxx | 12.0 | xxxx | | | xxxx |
| Mean Cfs | 10.5 | 11.6 | 5.8 | 3.9 | 5.1 | 9.5 | 11.3 | 5.3 | 3.6 | 3.9 |
| Aft | 231.0 | 696.0 | 359.6 | 241.8 | 306.0 | 209.0 | 678.0 | 328.6 | 223.2 | 234.0 |

Grand Total May-Sept 1,834 Aft. Grand Total May-Sept 1,673 Aft.

Dailey Discharge in Indivigual Ditches 1951.

| | Larson & Cutler | | | | | Phillips | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | May | June | July | Aug | Sept | May | June | July | Aug | Sept |
| 1 | | | | | | | | | | |
| 2 | | | 00 | | 1.4 | | | 1.5 | | 1.9 |
| 3 | | 15.0 | | | | | 1.9 | | | |
| 4 | | | | | | | | | | |
| 5 | | | 6.5 | 4.0 | 1.4 | | | 1.5 | 1.9 | 1.9 |
| 6 | | 12.0 | | | | | 1.9 | | | |
| 7 | | | | | | | | | | |
| 8 | | | 6.0 | | | | | 1.5 | | 1.7 |
| 9 | | 12.0 | | | 1.4 | | 2.7 | | | |
| 10 | | | | .70 | | | | | 1.4 | |
| 11 | | | 5.5 | | | | | 1.5 | | |
| 12 | | 14.0 | | | | | 3.5 | | | |
| 13 | | | | | 1.3 | | | | | 1.7 |
| 14 | | | 4.5 | 00 | | | | 2.0 | 1.0 | |
| 15 | | 12.0 | | | | | 3.2 | | | |
| 16 | | | | | | | | | | |
| 17 | | | 4.5 | | 1.3 | | | 1.9 | | 1.8 |
| 18 | | | | | | | 2.4 | | | |
| 19 | | 12.0 | | 00 | | | | | 1.4 | |
| 20 | | | 4.0 | | | | | 1.7 | | |
| 21 | 15.0 | | | | | .90 | | | | |
| 22 | | 10.5 | | 00 | 2.5 | | 2.5 | | 1.4 | .70 |
| 23 | | | | | | | | | | |
| 24 | 15.0 | 10.5 | 3.5 | 00 | | 1.5 | 2.5 | 1.5 | 1.4 | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 17.0 | | 3.5 | | | 1.7 | | 1.9 | | |
| 28 | | 4.0 | | 00 | 3.5 | | 2.4 | | 1.5 | 1.5 |
| 29 | | | | | | | | | | |
| 30 | | | 3.5 | | | | | 1.9 | | |
| 31 | | xxx | | | xxxx | 1.7 | xxxx | | | xxxx |
| Mean Cfs | 15.5 | 11.3 | 4.2 | .70 | 1.8 | 1.5 | 2.5 | 1.7 | 1.4 | 1.6 |
| Aft | 341.0 | 678.0 | 260.4 | 43.4 | 108.0 | 33.0 | 155.0 | 105.4 | 86.8 | 96.0 |

Grand Total May-Sept 1,431 Aft. Grand Total May-Sept 476 Aft.

Dailey Discharge in Indivigual Ditches 1951.

| | Baum & Snyder | | | | |
|---|---|---|---|---|---|
| | May | June | July | Aug | Sept |
| 1 | | | | | |
| 2 | | | 12.5 | | 4.5 |
| 3 | | 17.0 | | | |
| 4 | | | 7.5 | 7.5 | |
| 5 | | | | | |
| 6 | | 11.0 | | | 4.5 |
| 7 | | | | | |
| 8 | | | 6.5 | | 6.5 |
| 9 | | 14.0 | | | |
| 10 | | | | 6.0 | |
| 11 | | | 7.5 | | |
| 12 | | 13.6 | | | |
| 13 | | | | | 6.5 |
| 14 | | | 7.5 | 6.5 | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | 11.5 | 7.5 | | 7.0 |
| 18 | | | | | |
| 19 | | | | 2.5 | |
| 20 | | | 8.5 | | |
| 21 | 3.0 | | | | |
| 22 | | 12.1 | | 5.0 | 6.5 |
| 23 | | | | | |
| 24 | 15.0 | 11.5 | 8.5 | 00 | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | 17.0 | | 5.5 | | |
| 28 | | 14.5 | | 5.5 | 3.5 |
| 29 | | | | | |
| 30 | 17.0 | | 5.5 | | |
| 31 | | xxxx | | | xxxx |
| Mean Cfs | 13.0 | 13.1 | 7.7 | 4.7 | 5.6 |
| Aft | 286.0 | 786.0 | 447.4 | 291.4 | 336.0 |

Grand Total May-September 2,147 Acre Feet.

Discharge in Second Feet of Snake Creek Diversions to Midway Irrigation Company et al, June-September 1951.

| Date 1951 | Ditch | Cfs | Date | Ditch | Cfs |
|---|---|---|---|---|---|
| June 2 | Middle | 3.28 | July 26 | Middle | 3.50 |
| | Scotch | .30 | | Scotch | .20 |
| | Creek Ford | 27.83 | | Creek Ford | 16.33 |
| | West Bench | 8.70 | | West Bench | 6.15 |
| | Mound | 2.10 | | Probst | 3.87 |
| | Huber Lower | 1.37 | | Total | 30.05 |
| | Probst | 3.83 | | | |
| | Total | 47.47 | Aug 15 | Scotch | 3.00 |
| | | | | Creek Ford | 15.82 |
| June 15 | Middle | 3.90 | | West Bench | 6.15 |
| | Scotch | 4.10 | | Probst | 3.45 |
| | Creek Ford | 19.00 | | Huber Lower | 1.78 |
| | West Bench | 8.70 | | Total | 30.18 |
| | Probst | 3.40 | | | |
| | Huber Upper | 1.56 | Sept 3 | Scotch | 4.70 |
| | Huber Lower | 1.32 | | Creek Ford | 13.50 |
| | Total | 41.98 | | West Bench | 5.85 |
| | | | | Probst | 3.00 |
| June 30 | Scotch | 5.10 | | Huber Upper | 1.45 |
| | Creek Ford | 10.63 | | Total | 28.50 |
| | West Bench | 8.25 | | | |
| | Mound | 3.50 | Sept 14 | Scotch | 3.45 |
| | Probst | 3.42 | | Creek Ford | 14.66 |
| | Huber Lower | .20 | | West Bench | 6.55 |
| | Total | 31.10 | | Mound | 2.84 |
| | | | | Huber Lower | .20 |
| July 16 | Middle | 4.40 | | Total | 27.70 |
| | Creek Ford | 16.39 | | | |
| | West Bench | 7.40 | | | |
| | Mound | 2.46 | | | |
| | Huber Upper | 3.65 | | | |
| | Total | 34.30 | | | |

Mean Second Feet 33.9 and for 150 days 10,170 Acre feet

ONTARIO TUNNEL 1951

Observations at Hailstone Bridge, 1.5' x 12' Suppressed Weir.

| Date 1951 | Gage | Cfs | Month Mean Cfs | Date 1951 | Gage | Cfs | Month Mean Cfs |
|---|---|---|---|---|---|---|---|
| May 14 | 40 | 10.7 | | Aug 5 | 47 | 13.8 | |
| 20 | 38 | 9.9 | | 10 | 48 | 14.1 | |
| 24 | 38 | 9.9 | 10.2 | 14 | 48 | 14.1 | |
| | | | | 22 | 46 | 13.2 | |
| June 6 | 40 | 10.7 | | 29 | 46 | 13.2 | 13.7 |
| 12 | 48 | 12.1 | | | | | |
| 18 | 40 | 10.7 | | Sep 6 | 50 | 15.0 | |
| 27 | 40 | 10.7 | | 15 | 50 | 15.0 | |
| 28 | 42 | 11.5 | 11.1 | 22 | 44 | 12.4 | 14.1 |
| Jly 5 | 42 | 11.5 | | Season Mean . . . . . | | | 12.3 |
| 8 | 42 | 11.5 | | Dvtd by Fisher | | | 1.0 |
| 11 | 42 | 11.5 | | Total | | | 13.3 |
| 20 | 42 | 11.5 | | | | | |
| 27 | 48 | 14.1 | | | | | |
| 30 | 48 | 14.1 | 12.4 | | | | |

Delivery as Follows:-

| | |
|---|---|
| Midway Irrigation Co. in own right . . . . . | 5.5 Cfs |
| Daly Mining Company leased to Fisher . . . . | 1.0 |
| " " " " " Midway Ir. Co | 2.9 |
| Utah Power & Light Co, in own right, used thru Olmsted Plant for power, and after used for irrigation by lease to Provo Reservoir Water Users Company . . . . . | 3.9 |
| Total | 13.3 |

OBSERVATION WELLS
HEBER VALLEY
1951

| | | | |
|---|---|---|---|
| 2 | Wright | 27 | Baird |
| 3 | Wright | 33 | Morris |
| 4 | Edwards | 34 | Lee Bros |
| 5 | Edwards | 35 | Montgomery |
| 6 | Brown | 38 | Smith |
| 7 | Cummings | 39 | Witt |
| 8 | Webster | 40 | Allison |
| 9 | Richins | 41 | Anderson |
| 12 | Carlile | 42 | Pace |
| 14 | Webb | 43 | London |
| 17 | Simmons | 46 | Carlile |
| 15 | Casper | | |
| 25 | Jordan | | |
| 26-2 | McDonald | | |
| 26-3 | Christensen | | |
| 26-4 | Johnston | | |

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RANGE OF WELLS
1951

| No | Name | Range Feet | No | Name | Range Feet |
|---|---|---|---|---|---|
| Above Irrigation | | | Lower Valley | | |
| 34 | Lee Bros | 1.4 | 6 | H Winterton | 18.28 |
| 33 | Morris | 12.04 | 8 | Webster | 17.92 |
| 38 | Smith | 4.10 | 5 | Edwards | 9.83 |
| Mean | | 5.83 | 7 | Cummings | 16.40 |
| | | | 15 | Casper | 15.15 |
| | | | 17 | Simmons | 15.96 |
| | | | 3 | Wright | 15.14 |
| | | | 2 | Wright | 11.91 |
| | | | Mean | | 15.07 |
| Mid Walley | | | Near River Bottoms | | |
| 42 | Pace | 20.70 | 39 | Witt | 5.62 |
| 46 | Carlile | 34.48 | 12 | Carlile | 7.32 |
| 40 | Allison | 23.58 | 4 | Edwards | 11.14 |
| 26-2 | McDonald | 26.46 | Mean | | 8.03 |
| 9 | Richins | 28.50 | | | |
| 14 | Webb | 28.00 | | | |
| Mean | | 26.95 | | | |

- - - - - - - - - - - -

Water Level in Feet Below Measuring Point.

2. Wright, Joseph E; East Side of Main Street thru Charleston, South of Store, NW Frame Dwelling, on West side of NW Quarter, Section 23, T 4 s, R 4 E.
MP Top of Collar, red sandstone, SE Corner of Well, Elev 5425.00.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 17.20 | Jun 29, 1951 | 5.35 | Nov 2, 1951 | 13.20 |
| Mar 26 | 16.30 | Aug 2 | 7.50 | Nov 28 | 17.65 |
| Apr 26 | 12.66 | Aug 31 | 11.00 | | |
| May 29 | 5.14 | Oct 8 | 16.42 | | |

3. Wright, D.E; East Side of Main Street thru Charleston. SW Corner of Block____, SW Corner of Fourth Block North of Main Corner of Charleston, Sec 14-15-22-23, on West side of SW 1/4, Sec 14, T 4 S, R 5 E, SE of Dwelling.
MP Top of Collar South side of well. Elev 5432.15

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 21.00 | June 29, 1951 | 5.86 | Nov 2, 1951 | 17.66 |
| Mar 26 | 20.10 | Aug 2 | 10.92 | Nov 28 | 19.76 |
| Apr 26 | 17.00 | Aug 31 | 12.90 | | |
| May 29 | 9.38 | Oct 8 | 17.50 | | |

4. Edwards, Elmer; East side of Charleston Road; First House south of river East of Dwelling; in SW corner of NW 1/4, Sec 14 T 4 S, R 4 E.

MP top of Cover base of Pump. Elev 5426.67. LS 5425.90.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 14.40 | Jun 29, 1951 | 4.57 | Nov 2, 1951 | 12.66 |
| March 26 | 14.12 | Aug 2, | 6.67 | Nov 28, | 13.56 |
| Apr 26, | 13.04 | Aug 31, | 10.05 | | |
| May 29, | 6.50 | Oct 8, | 12.40 | | |

5. Edwards, Lawrence: South Side of Road by SE Corner of Dwelling, first house east of Lower Charleston Canal, near NE corner of NW 1/4, Sec 14, T 4 S, R 4 E.

MP South East Corner of Well, Top of concrete walk around well. Elev 5428.69. LS 5438.00.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 14.65 | Jun29, 1951 | 4.36 | Nov 2, 1951 | 10.68 |
| Mar 26 | 15.50 | Aug 2, | 6.45 | Nov 28 | 13.16 |
| Apr 26 | 13.30 | Aug 31 | 8.32 | | |
| May 29, | 7.80 | Oct 8, | 10.40 | | |

Winterton, Heber; About 500 feet North and East of Brown Well. NE Corner of Light Brick House.

MP Top of Cement cover. Recorder.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 20.65 | Jun 29, 1951 | 5.06 | Nov 2, 1951 | 15.22 |
| Mar 26, | 20.75 | Aug 2, | 7.60 | Nov 28, | 18.63 |
| Apr 26 | 18.50 | Aug 31, | 9.55 | | |
| May 29, | 9.95 | Oct 8, | 13.58 | | |

7 Cummings: South of Brown Well in adjacent lot, SE Corner of Frame Dwelling. NW Corner of 1/4 Section 14, T 4 S, R 4 E.

New MP Top of wooden platform, .70 above L.S. LS Elev 5459.26. BM on rock in SE corner of Well, Elev 5459.62.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 21.20 | Jun 29, 1951 | 4.80 | Nov 2, 1951 | 15.58 |
| Mar 26, | 20.42 | Aug 2, | 8.00 | Nov 28, | 18.78 |
| Apr 26, | 18.50 | Aug 31, | 9.74 | | |
| May 29, | 10.86 | Oct. 8, | 14.44 | | |

8 Webster; 1500 feet east of 1/4 corner, between 11-12, in SW corner of SE 1/4, Section 11, T 4 S, R 4 E, N and W of road intersection, north of dwelling.

MP Top of 2" Timber, Elev 5485.13.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 24.10 | Jun 29, 1951 | 6.18 | Nov 2, 1951 | 17.28 |
| Mar 26, | 23.90 | Aug 2, | 9.38 | Nov 29, | 21.48 |
| Apr 26, | 21.66 | Aug 31, | 12.00 | | |
| May 29, | 11.50 | Oct 8, | 14.74 | | |

9. Richins; North side of road by old building, curb and pulleyrack. In SE 1/4 of SW 1/4, Section 12, T4S, R 4 E.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 54.90 | Jun 29, 1951 | 26.40 | Nov 2, 1951 | 43.64 |
| Mar 26 | 50.30 | Aug 2, | 27.75 | Nov 28, | 53.60 |
| Apr 26, | 52.50 | Aug 31, | 34.62 | | |
| May 29, | 35.77 | Oct 8, | 39.00 | | |

12. Carlile, George; West side of road by dwelling, S of dwelling, near SE corner of NE 1/4 of NE 1/4, Sec 11, T 4s, R 4 E.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 11.25 | Jun 29, 1951 | 5.52 | Nov 2, 1951 | 7.86 |
| Mar 26, | 11.40 | Aug 2, | 4.30 | Nov 28, | 9.75 |
| Apr 26, | 10.50 | Aug 31, | 4.08 | | |
| May 29, | 4.90 | Oct 8, | 5.45 | | |

14. Webb; West side of brick dwelling, south of road, in NW 1/4 Of SW 1/4, Sec 13, T 4 S, R 4 E.

MP Cement cover base of pump. Elev 5530.21.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 58.00 | Jun 29, 1951 | 30.00 | Nov 2, 1951 | 41.98 |
| Mar 26, | 55.00 | Aug 2, | 33.48 | Nov 28, | 51.50 |
| Apr 26, | 48.54 | Aug 31, | Bad dog | | |
| May 29, | 38.56 | Oct 8, | 43.68 | | |

15. Casper; South of road, South of dwelling, Concrete pipe lining projecting 3' above ground, Mp north side, in NW 1/4 of NE 1/4, Sec 14, T 4 S, R 4 E.

MP Top of concrete lining, north side, Elev 5484.02, LS 5481.10.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 33.00 | Jun 20, 1951 | 17.85 | Nov 2, 1951 | 25.28 |
| Mar 26, | 31.70 | Aug 2, | 20.53 | Nov 28, | 31.58 |
| Apr 26, | 30.00 | Aug 31, | 24.40 | | |
| May 29, | 20.72 | Oct 8, | 25.40 | | |

17. Simmons, Steve. North of road east of ditch, in NW 1/4 of NE 1/4 Sec 23, T 4 S, R 4 E.

MP Top of Meter cover set in concrete cover, Elev 5455.72.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 33.58 | Jun 29, 1951 | 17.62 | Nov 2, 1951 | 26.17 |
| Mar 26, | 33.42 | Aug 2, | 25.16 | Nov 28, | 30.78 |
| Apr 26, | 22.84 | Aug 31, | 24.74 | | |
| May 29, | 19.50 | Oct 8, | 29.29 | | |

25. Watson, Jack; NW corner of 4 N 6 E Streets, Heber City, west of House by fence line. Drain dug about four rods east in 1940.

MP top of pipe level with LS.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 16.50 | Jun 29, 1951 | 4.14 | Nov 2, 1951 | 13.10 |
| Mar 26, | 15.50 | Aug 2, | 2.90 | Nov 28, | 16.00 |
| Apr 26, | 14.00 | Aug 30, | 5.00 | | |
| May 29, | 5.60 | Oct 8, | 8.57 | | |

26-2 McDonald-2; NW Intersection east of dwelling, SE corner of sec.4
MP Top of sandstone lining, south side, level with LS, Elev 5798.04.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 36.30 | Jun 29, 1951 | 9.84 | Nov 2, 1951 | 30.50 |
| Mar 26 | 32.66 | Aug 2, | 14.26 | Nov 28 | 31.58 |
| Apr 26, | 17.40 | Aug 30, | 18.10 | | |
| May 29, | 13.00 | Oct 8, | 27.98 | | |

26-3 Christensen, Hyrum; SW Intersection, SW of house, NE corner, Sec 9, T 4 S, R 5 E.

MP Top concrete coping around well, N side Elev ____.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 36.10 | Jun 29, 1951 | 8.60 | Nov 2, 1951 | 30.04 |
| Mar 26, | 30.84 | Aug 2, | 13.10 | Nov 28, | 31.54 |
| Apr 26, | 20.60 | Aug 30, | 15.96 | | |
| May 29, | 12.36 | Oct 8, | 26.23 | | |

26-4 Johnston, John; SE Intersection on east bank of Timpanogus Canal, east of house, NW corner Sec 10, T 4 S, R 5 E. Head of depression that looks like old spring. Water sometimes runs out of top of well.

MP Top of wood cover over well.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 24.40 | Jun 29, 1951 | 3.30 | Nov 2, 1951 | 20.40 |
| Mar 26, | 21.00 | Aug 2, | 7.50 | Nov 28, | 21.52 |
| Apr 26, | 12.00 | Aug 30, | 12.78 | | |
| May 29, | 5.00 | Oct 8, | 23.00 | | |

27. Bard; South of dwelling, one mile south, at end of main street, Heber City; NW Corner Sec 8, T 4 S, R 5 E, Dug 1883-84 and about 1893 had two feet of water. Depth 142 feet.

MP Top concrete collar, Elev 5636.21.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 103.60 | Jun 29, 1951 | 76.80 | Nov 2, 1951 | 81.28 |
| Mar 26, | 107.60 | Aug 2 | 56.00 | Nov 28, | 91.24 |
| Apr 26, | 109.90 | Aug 31, | 61.20 | | |
| May 29. | 97.44 | Oct 8, | 73.40 | | |

38. Smith, Phillip; Two miles north and one mile east of Heber City, south side of road, SW 1/4 Sec 24, T 3 S, R 4 E. In front of lod log house. Pipe in well, pipe 14 feet.

MP Top of well cover, LS .70 below.

| | | | | | |
|---|---|---|---|---|---|
| Feb 20, 1951 | 9.24 | Jun 28, 1951 | 8.60 | Nov 29, 1951 | 10.25 |
| Mar 20, | 11.60 | Jly 26, | 11.25 | | |
| Apr 26, | 11.10 | Aug 31, | 9.55 | | |
| Jun 1, | 7.50 | Oct 6, | 10.45 | | |

39. Witt, Frank; Two blocks north of Heber City Depot, Fence line west side of street, fence corner of drive way, 50 feet NE of house, (OLD WITT WELL) has been converted to cesspool; 13.5 foot pipe 1.5' above LS.

MP Top of pipe. Elev 5558.83, LS 5557.30.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 9.33 | Jun 29, 1951 | 5.12 | Nov 2, 1951 | 8.08 |
| Mar 26, | 9.96 | Aug 2, | 5.10 | Nov 28, | 9.10 |
| Apr 26, | 10.18 | Aug 30, | 4.46 | | |
| May 29, | 5.70 | Oct 8, | 6.25 | | |

40. Allison, J.W; One mile south and one mile east of Geber City SW Corner Of Sec 3, T $ S, R 5 E. North side of road, second house from sorner, south of house. Dug 1890. Cold water granite at north.

MP Top of wood cover, Elev 5928.90. LS 5927.60.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 34.42 | Jun 29, 1951 | 16.48 | Nov 2, 1951 | 32.40 |
| Mar 26, | 28.80 | Aug 2, | 23.44 | Nov 28, | 34.36 |
| Apr 26, | 10.84 | Aug 30, | 27.77 | | |
| Mar 29, | 21.80 | Oct 8, | 31.90 | | |

31. Anderson, Joseph; One mile east and about .4 miles south of Heber City; NW corner of south 1/2 of SW 1/4 of NW 1/4 Sec 4, T 4 S. R 5 E. East side of road and canal. SW of house in front yard.

MP Sandstone collar SE side, Elev 5686.16 LS same.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 14.00 | Jun 29, 1951 | 4.96 | Nov 2, 1951 | 15.70 |
| Mar 26, | 13.20 | Aug 2 | 4.00 | Nov 28, | 29.40 |
| Apr 26, | 18.30 | Aug 30, | 12.10 | | |
| May 29, | 4.48 | Oct 8, | 7.00 | | |

33. Harry, Morris; At SE Corner of Frame House, west of Hailstone Garage, on south side of road.

MP Wood Cover NS. Elev. 5936.21. LS 5935.70.

| | | | | | |
|---|---|---|---|---|---|
| Feb 20, 1951 | 13.16 | Jun 27, 1951 | 2.20 | Nov 6, 1951 | 8.72 |
| Mar 20, | 13.90 | Jly 30, | 8.00 | Nov 29, | 9.86 |
| Apr 26, | 14.24 | Aug 30, | 9.50 | | |
| May 29, | 4.00 | Oct 9, | 13.30 | | |

34. Lee Bros; 1.2 miles north of Hailstone, At NE corner of large red sandstone house, on east side of road.

MP Top of well cover. Elev. 6022.24. LS 6021.20.

| | | | | | |
|---|---|---|---|---|---|
| Feb 20, 1951 | 27.04 | Jun 27, 1951 | 27.52 | Nov 6, 1951 | 27.50 |
| Mar 20, | 26.30 | Jly 30, | 27.70 | Nov 29, | 27.60 |
| Apr 26, | 27.60 | Aug 30, | 27.67 | | |
| May 29, | 27.46 | Oct 9, | 27.47 | | |

25. Montgomery; Pipe 13' 6th east and center streets Hober City, 167' east of NE corner of Street intersection; 11.5' south of north side of street, 2' east of light pole, in front of Montgomery Well of 1915 observations.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | Dry | Jun 29, 1951 | 5.48 | Nov 2, 1951 | Dry |
| Mar 26, | " | Aug 2, | 5.70 | Nov 28, | " |
| Apr 26, | " | Aug 30, | 7.10 | | |
| May 29, | 6.24 | Oct 8, | 12.00 | | |

42. Pace, G.M; Three miles north of Heber City. NE corner of NE 1/4 Sec 19. T 3 S, R 5 E, West side of road south of house.
One of the oldest wells in the valley. Dug deeper in 1910 not dry since.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | 35.25 | Jun 29, 1951 | 14.55 | Nov 2, 1951 | 20.40 |
| Mar 26, | 33.75 | Aug 2, | 15.44 | Nov 28, | 29.00 |
| Apr 26, | 34.70 | Aug 30, | 16.30 | | |
| May 29, | 22.00 | Oct 8, | 18.36 | | |

43. London Pipe; 1.75 north of Heber City, west side of road, and in line with fence running west, Installed in 1940 by USRS.

MP Top of pipe .9 above LS.

| | | | | | |
|---|---|---|---|---|---|
| Feb 22, 1951 | ice | Jun 29, 1951 | .46 | Nov 2, 1951 | ice |
| Mar 26, | .84 | Aug 2, | .50 | Nov 28, | ice |
| Apr 26, | .84 | Aug 30, | .48 | | |
| May 29, | .46 | Oct 8, | .50 | | |

48. Jordan Bros; Covered over with cement.

CARLYLE WELL

1951

Water Level in feet below land surface. From Recorder charts.

| Day | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 37.52 | 41.87 | 44.26 | 46.00 | 45.63 | 30.47 | 17.97 | 16.02 | 16.74 | 23.98 | 31.52 | 37.56 |
| 2 | 37.69 | 42.00 | 44.34 | 46.10 | 44.59 | 29.78 | 17.52 | 16.31 | 16.21 | 24.26 | 31.75 | 37.72 |
| 3 | 37.84 | 42.05 | 44.40 | 46.20 | 44.37 | 28.92 | 16.83 | 16.13 | 16.32 | 24.51 | 32.05 | 37.89 |
| 4 | 37.97 | 42.18 | 44.49 | 46.27 | 44.95 | 26.74 | 16.33 | 16.25 | 17.38 | 24.64 | 32.31 | 38.05 |
| 5 | 38.13 | 42.24 | 44.56 | 46.35 | 45.40 | 26.83 | 16.36 | 16.31 | 18.13 | 24.84 | 32.67 | 38.21 |
| 6 | 38.28 | 42.31 | 44.59 | 46.45 | 45.79 | 27.51 | 15.60 | 16.28 | 18.71 | 25.09 | 32.79 | 38.35 |
| 7 | 38.43 | 42.38 | 44.61 | 46.55 | 46.10 | 27.76 | 15.70 | 16.10 | 19.28 | 25.42 | 33.00 | 38.51 |
| 8 | 38.60 | 42.50 | 44.61 | 46.70 | 46.08 | 28.03 | 15.63 | 15.40 | 19.72 | 25.83 | 33.21 | 38.65 |
| 9 | 38.72 | 42.65 | 44.61 | 46.84 | 45.93 | 28.06 | 15.55 | 14.91 | 19.87 | 26.18 | 33.42 | 38.77 |
| 10 | 38.82 | 42.81 | 44.67 | 46.95 | 45.79 | 27.88 | 15.28 | 14.56 | 20.15 | 26.40 | 33.65 | 38.90 |
| 11 | 38.92 | 42.96 | 44.78 | 47.13 | 45.85 | 27.40 | 15.87 | 14.12 | 20.32 | 26.51 | 33.87 | 39.05 |
| 12 | 39.05 | 43.05 | 44.88 | 47.25 | 45.50 | 26.74 | 16.30 | 13.57 | 20.57 | 26.65 | 34.09 | 39.17 |
| 13 | 39.08 | 43.16 | 44.93 | 47.35 | 44.37 | 25.95 | 16.72 | 13.05 | 20.12 | 26.98 | 34.32 | 39.31 |
| 14 | 39.34 | 43.28 | 35.00 | 47.47 | 42.65 | 25.00 | 16.55 | 13.17 | 19.62 | 27.29 | 34.53 | 39.47 |
| 15 | 39.48 | 43.40 | 44.83 | 47.53 | 40.87 | 24.58 | 16.55 | 13.29 | 19.26 | 27.53 | 34.72 | 39.62 |
| 16 | 39.63 | 43.52 | 44.65 | 47.00 | 39.72 | 23.85 | 16.85 | 14.12 | 19.05 | 27.76 | 34.94 | 39.77 |
| 17 | 39.77 | 43.63 | 44.68 | 46.45 | 38.83 | 22.65 | 17.00 | 14.94 | 19.30 | 28.02 | 35.15 | 39.94 |
| 18 | 39.90 | 43.75 | 44.78 | 46.06 | 38.89 | 21.68 | 17.35 | 15.69 | 19.73 | 28.32 | 35.34 | 40.08 |
| 19 | 40.04 | 43.90 | 44.74 | 45.93 | 38.54 | 20.87 | 17.45 | 16.43 | 20.43 | 28.57 | 35.52 | 40.24 |
| 20 | 40.19 | 44.02 | 44.93 | 46.06 | 38.95 | 20.37 | 17.56 | 17.01 | 20.81 | 28.82 | 35.60 | 40.41 |
| 21 | 40.33 | 44.08 | 45.03 | 46.08 | 39.10 | 19.46 | 17.20 | 17.30 | 21.17 | 29.09 | 35.84 | 40.61 |
| 22 | 40.48 | 44.17 | 45.11 | 45.92 | 38.90 | 17.62 | 18.55 | 17.26 | 21.53 | 29.37 | 36.02 | 40.77 |
| 23 | 40.61 | 44.15 | 45.20 | 45.88 | 37.60 | 17.76 | 15.95 | 17.25 | 21.92 | 29.62 | 36.21 | 40.93 |
| 24 | 40.72 | 44.15 | 45.27 | 45.87 | 35.50 | 18.40 | 15.24 | 17.40 | 22.25 | 29.84 | 36.40 | 41.07 |
| 25 | 40.82 | 44.20 | 45.29 | 45.87 | 35.32 | 19.13 | 14.55 | 17.40 | 22.56 | 30.05 | 36.51 | --- |
| 26 | 40.93 | 44.25 | 45.33 | 45.70 | 35.03 | 19.65 | 14.58 | 17.73 | 23.92 | 30.28 | 36.79 | |
| 27 | 41.08 | 44.22 | 45.39 | 45.55 | 34.76 | 19.74 | 15.10 | 17.73 | 23.14 | 30.54 | 36.98 | |
| 28 | 41.23 | 44.21 | 45.52 | 45.50 | 34.40 | 19.20 | 14.61 | 17.80 | 23.56 | 30.72 | 37.13 | |
| 29 | 41.38 | x | 45.67 | 45.53 | 33.75 | 18.45 | 14.97 | 17.93 | 23.79 | 30.90 | 37.28 | |
| 30 | 41.55 | x | 45.78 | 45.52 | 32.22 | 18.14 | 15.77 | 17.55 | 23.96 | 31.11 | 37.42 | |
| 31 | 41.70 | x | 45.88 | x | 31.36 | x | 16.05 | 17.08 | x | 31.31 | x | |

HEBER WINTERTON WELL

1951

Water Level in feet below land surface. From Recorder charts.

| Day | Jan | Feb | Mar | Apl | May | Jun | Jly | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.37 | 20.55 | 20.81 | 20.82 | 17.10 | 9.36 | 5.33 | 6.60 | 9.60 | 13.97 | 14.91 | 18.92 |
| 2 | 19.41 | 20.69 | 20.90 | 20.78 | 17.20 | 9.25 | 5.95 | 7.52 | 10.41 | 14.50 | 15.22 | 19.00 |
| 3 | 19.44 | 20.73 | 21.00 | 20.72 | 17.43 | 7.40 | 3.32 | 8.07 | 10.86 | 14.42 | 15.50 | 19.10 |
| 4 | 19.46 | 20.80 | 21.07 | 20.67 | 17.40 | | 4.20 | 8.23 | 11.21 | 13.85 | 15.74 | 19.27 |
| 5 | 19.49 | 20.87 | 21.13 | 20.63 | 17.15 | | 4.52 | 8.25 | 11.28 | 12.76 | 15.90 | 19.25 |
| 6 | 19.54 | 20.91 | 21.16 | | 16.38 | 8.18 | 4.40 | 8.25 | 11.65 | 13.72 | 16.10 | 19.32 |
| 7 | 19.58 | 20.93 | 21.01 | | 16.20 | 8.16 | 5.35 | 7.85 | 12.00 | 13.36 | 16.27 | 19.40 |
| 8 | 19.63 | 20.97 | 19.97 | | 16.53 | 7.88 | 5.00 | 7.38 | 11.74 | 13.55 | 16.43 | 19.42 |
| 9 | 19.65 | 20.94 | 19.81 | | 16.72 | 6.95 | | 6.48 | 11.83 | 13.69 | 16.58 | 19.50 |
| 10 | 19.63 | 20.92 | 20.01 | | 16.32 | 6.55 | | 5.63 | 11.84 | 13.78 | 16.73 | 19.54 |
| 11 | 19.64 | 20.85 | 20.14 | 20.20 | 16.03 | 6.22 | 5.66 | 6.10 | 12.33 | 13.71 | 16.87 | 19.57 |
| 12 | 19.65 | 20.53 | 20.24 | 19.85 | 15.72 | 6.12 | 5.68 | 6.70 | 12.57 | 13.62 | 16.92 | 19.60 |
| 13 | 19.67 | 20.29 | 20.33 | 19.60 | 15.55 | 4.52 | 5.82 | 7.27 | 11.99 | 13.69 | 16.97 | 19.61 |
| 14 | 19.71 | 20.18 | 20.41 | 19.75 | 14.60 | 4.40 | 5.78 | 7.44 | 11.92 | 13.73 | 17.04 | 19.59 |
| 15 | 19.73 | 20.21 | 20.47 | 19.72 | 13.65 | 4.65 | 6.25 | 7.76 | 11.85 | 13.78 | 17.13 | 19.59 |
| 16 | 19.81 | 20.38 | 20.51 | 19.35 | 14.23 | 4.90 | 6.73 | 8.08 | 12.15 | 13.82 | 17.26 | 19.60 |
| 17 | 19.88 | 20.37 | 20.53 | 19.05 | 14.55 | 5.40 | 6.95 | 7.67 | 12.20 | 13.65 | 17.37 | 19.62 |
| 18 | 19.93 | 20.43 | 20.55 | 19.10 | 14.10 | 5.35 | 7.00 | 8.35 | 12.40 | 13.64 | 17.50 | 19.62 |
| 19 | 19.97 | 20.49 | 20.58 | 19.20 | 14.03 | 5.34 | 7.33 | 8.88 | 12.56 | 13.75 | 17.62 | 19.64 |
| 20 | 19.99 | 20.57 | 20.60 | 19.22 | 13.87 | 5.10 | 6.69 | 7.23 | 11.94 | 13.84 | 17.23 | 19.65 |
| 21 | 20.03 | 20.63 | 20.62 | 19.20 | 13.95 | 4.30 | 5.94 | 7.19 | 11.75 | 13.92 | 17.83 | 19.66 |
| 22 | 20.07 | 20.67 | 20.64 | 19.23 | 13.50 | 4.50 | 6.78 | 8.06 | 12.13 | 13.97 | 17.97 | 19.66 |
| 23 | 20.12 | 20.66 | 20.68 | 19.20 | 13.40 | 2.88 | 7.40 | 8.70 | 12.30 | 14.09 | 18.12 | 19.67 |
| 24 | 20.16 | 20.58 | 20.70 | 19.13 | 12.25 | 3.88 | 7.59 | 9.28 | 13.16 | 14.21 | 18.24 | 19.73 |
| 25 | 20.19 | 20.52 | 20.73 | 19.02 | 10.52 | 3.71 | 7.70 | 9.76 | 13.57 | 14.30 | 18.33 | |
| 26 | 20.23 | 20.43 | 20.74 | 18.47 | 10.61 | | 7.45 | 10.17 | 13.35 | 14.37 | 18.44 | |
| 27 | 20.27 | 20.55 | 20.76 | 18.15 | 8.57 | 4.78 | 8.02 | 10.35 | 13.59 | 14.35 | 18.55 | |
| 28 | 20.30 | 20.69 | 20.77 | 17.92 | 9.90 | 4.34 | 7.67 | 10.75 | 13.80 | 13.85 | 18.64 | |
| 29 | 20.33 | x | 20.79 | 17.42 | 9.97 | 5.07 | 7.41 | 10.60 | 13.86 | 13.58 | 18.73 | |
| 30 | 20.38 | x | 20.80 | 16.76 | 10.01 | 5.15 | 7.15 | 10.41 | 13.90 | 14.00 | 18.82 | |
| 31 | 20.45 | x | 20.82 | x | 9.98 | x | 6.71 | 9.63 | x | 14.55 | | |