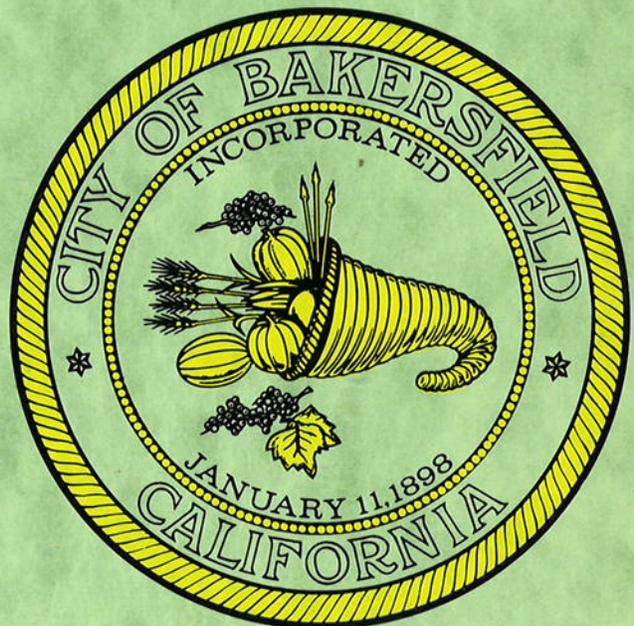
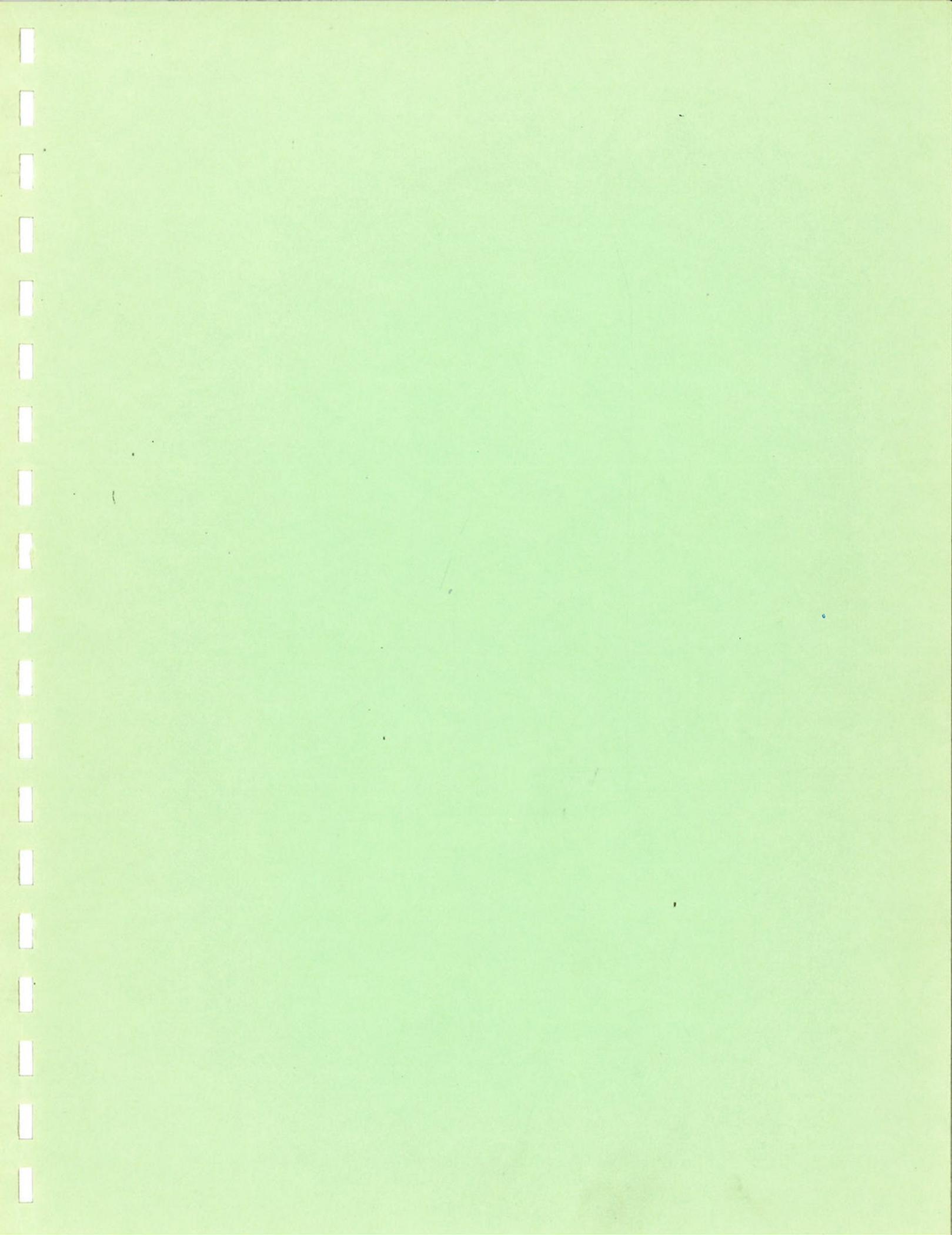


KERN RIVER 1988

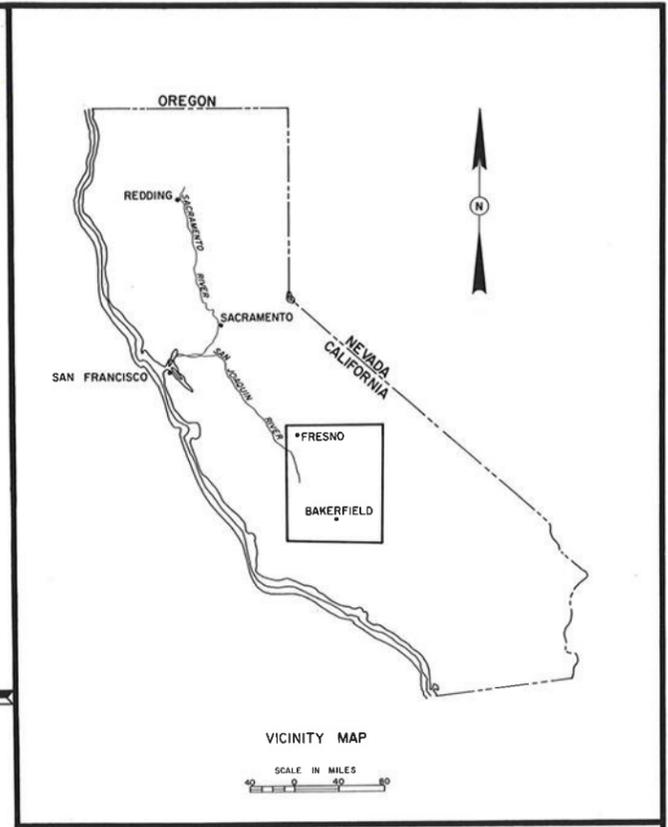
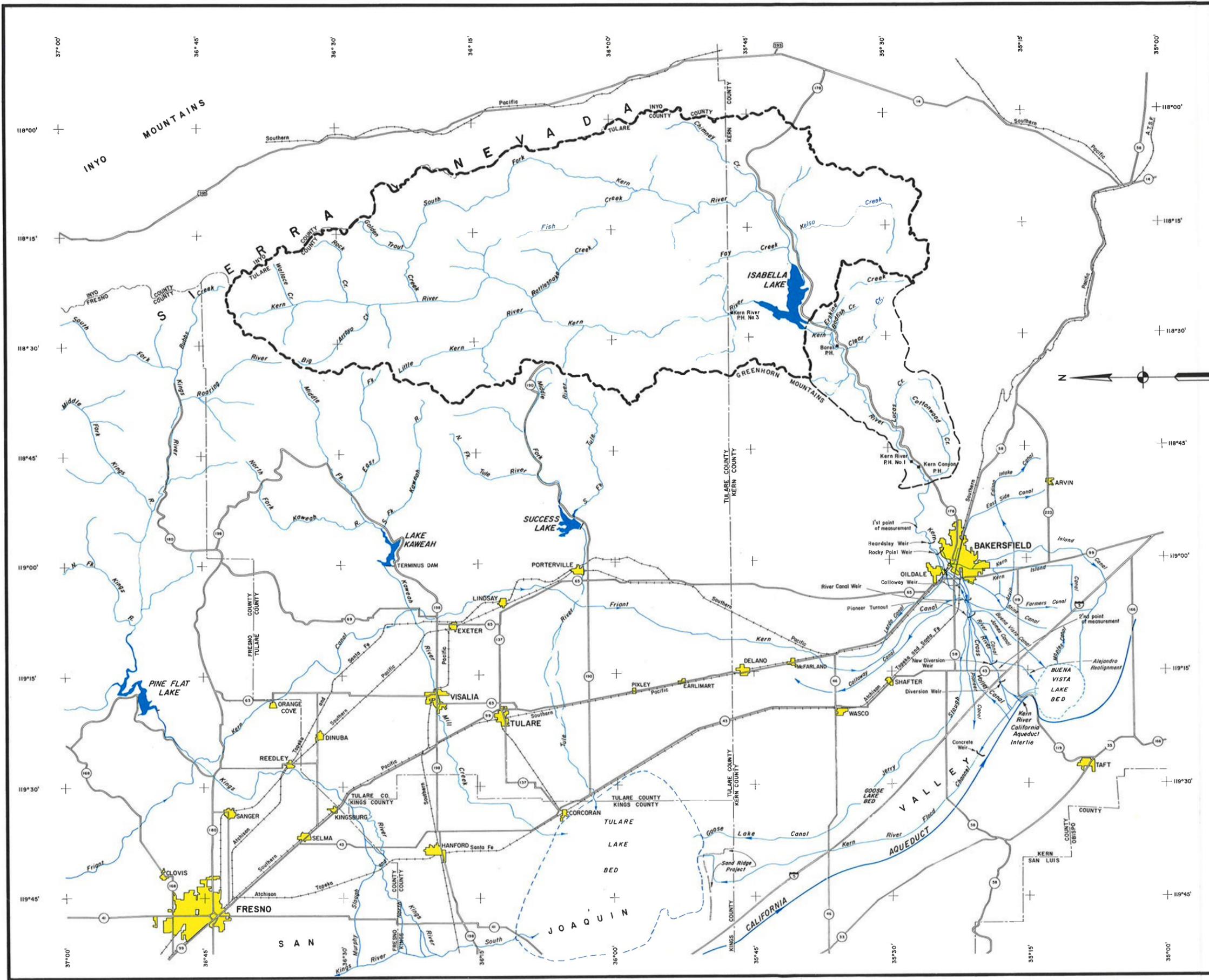




1988
HYDROGRAPHIC ANNUAL REPORT

Table of Contents

| Item | Page |
|---|-------|
| 1. LOCATION MAP: Kern River Drainage Basin..... | 1 |
| 2. HISTORICAL RECAP: Kern River at First Point of Measurement..... | 2-7 |
| 3. KERN RIVER IN REVIEW: 1988 | 8-10 |
| 4. KERN RIVER AT FIRST POINT OF MEASUREMENT: Natural..... | 11 |
| 5. KERN RIVER NORTH FORK: Flow at Kernville..... | 12 |
| 6. KERN RIVER AT FIRST POINT OF MEASUREMENT: Regulated..... | 13 |
| 7. KERN RIVER AT SECOND POINT OF MEASUREMENT..... | 14-16 |
| 8. FRIANT-KERN CANAL INFLOW TO KERN RIVER CHANNEL..... | 17 |
| 9. SUMMARY OF KERN RIVER ENTITLEMENTS..... | 18 |
| 10. SUMMARY OF FIRST POINT GROUP KERN RIVER DIVERSIONS..... | 19 |
| 11. UTILIZATION OF STORAGE: First Point Group..... | 20 |
| 12. KERN DELTA WATER DISTRICT: | |
| a. Summary of Entitlements, Deliveries, Storage, etc. : All Canals..... | 21 |
| b. Kern Island Canal Service Area..... | 22-26 |
| c. Eastside Canal Service Area..... | 27-28 |
| d. Buena Vista Canal Service Area..... | 29-30 |
| e. Stine Canal Service Area..... | 31-32 |
| f. Farmers Canal Service Area..... | 33-34 |
| g. Kern Delta WD Diversions via River Canal..... | 35 |
| h. State Aqueduct Exchange Diversion and Storage Recap..... | 36 |
| 13. CITY OF BAKERSFIELD: | |
| a. Kern River Channel Operations..... | 37 |
| b. Carrier Canal Operations..... | 38 |
| c. City Entitlements, Deliveries, Storage, etc. | 39 |
| d. Summaries of Deliveries to Basic Contractors..... | 40-60 |
| e. 2800 Acre Recharge Facility Summaries..... | 61-68 |
| f. Rosedale Rio Bravo Water Storage District Summaries..... | 69-73 |
| g. Kern River Canal and Irrigating Company..... | 74 |
| h. South Fork Diversion Right Summary..... | 75 |
| 14. NORTH KERN WATER STORAGE DISTRICT: | |
| a. North Kern WSD Entitlements, Deliveries, Storage, etc. | 76 |
| b. Beardsley-Lerdo Diversion Summaries..... | 77-80 |
| c. Calloway Canal Diversion Summaries..... | 81-82 |
| d. North Kern WSD Irrigation Deliveries: 1988..... | 83-84 |
| e. Poso Creek Natural Flow: 1988..... | 85 |
| f. James Canal Summary..... | 86 |
| g. Pioneer Canal Summary..... | 87 |
| h. Rosedale Ranch Improvement District Summary..... | 88 |
| i. North Kern WSD Exchange Summaries..... | 89-92 |
| j. North Kern WSD/City of Bakersfield Water Exchange Recap..... | 93 |
| 15. COST ALLOCATION SUMMARIES..... | 94-96 |
| 16. KERN RIVER WATERMASTER SUMMARIES: | |
| a. Hacienda WD Storage Rental Charge: 1988..... | 97 |
| b. Kern County Recreation Pool..... | 98 |
| c. Kern River Runoff: Calendar and Water Year..... | 99 |
| d. 1988 Watermaster Recapitulation..... | 100 |
| e. January-December 1988 Watermaster Reports | |



- LEGEND**
- Drainage Boundary
 - U.S. Highway
 - State Highway
 - Interstate Highway
 - Railroad
 - Levee
 - Intermittent Stream
 - Perennial Stream
 - Canal
 - Reservoir or Lake
 - Authorized Reservoir
- SCALE
(Statute Miles)

**ISABELLA LAKE
KERN RIVER, CALIFORNIA**

GENERAL MAP

CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA
 Prepared: C.D.M. Date: NOVEMBER 1977
 Drawn: T.K.B.

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

| YEAR | QUANTITY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC | TOTAL | MAX. | MIN. | MEAN |
|------|---------------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|------------|--------|------|-------|
| 1911 | acre-feet | 38,241 | 53,944 | 80,166 | 138,113 | 184,481 | 222,076 | 156,498 | 45,880 | 25,222 | 25,422 | 21,691 | 21,650 | 11,013,384 | 5,383 | 273 | 1,400 |
| | mean s. f. d. | 622 | 971 | 1,304 | 2,321 | 3,000 | 3,732 | 2,545 | 746 | 424 | 413 | 365 | 352 | --- | --- | --- | --- |
| 1912 | acre-feet | 23,320 | 21,302 | 28,090 | 37,246 | 80,471 | 100,925 | 33,170 | 16,653 | 10,899 | 11,780 | 11,772 | 11,804 | 387,432 | 3,220 | 147 | 534 |
| | mean s. f. d. | 379 | 370 | 457 | 626 | 1,309 | 1,696 | 539 | 271 | 183 | 192 | 198 | 192 | --- | --- | --- | --- |
| 1913 | acre-feet | 13,019 | 15,731 | 25,191 | 42,494 | 73,561 | 60,738 | 34,929 | 31,454 | 25,357 | 13,402 | 15,368 | 16,596 | 367,840 | 1,976 | 126 | 508 |
| | mean s. f. d. | 212 | 283 | 410 | 714 | 1,196 | 1,021 | 568 | 512 | 426 | 218 | 258 | 270 | --- | --- | --- | --- |
| 1914 | acre-feet | 116,541 | 62,575 | 102,739 | 144,934 | 210,676 | 201,064 | 128,338 | 55,127 | 25,240 | 24,462 | 20,390 | 21,427 | 11,113,513 | 18,287 | 285 | 1,538 |
| | mean s. f. d. | 1,895 | 1,127 | 1,671 | 2,436 | 3,426 | 3,379 | 2,087 | 897 | 424 | 398 | 343 | 348 | --- | --- | --- | --- |
| 1915 | acre-feet | 22,500 | 30,254 | 48,536 | 80,916 | 124,506 | 172,324 | 77,496 | 24,668 | 16,457 | 14,452 | 14,858 | 19,320 | 646,287 | 4,249 | 203 | 891 |
| | mean s. f. d. | 366 | 545 | 789 | 1,360 | 2,025 | 2,896 | 1,260 | 401 | 277 | 235 | 250 | 314 | --- | --- | --- | --- |
| 1916 | acre-feet | 172,346 | 202,510 | 378,116 | 481,749 | 472,994 | 391,700 | 225,154 | 56,755 | 33,808 | 41,774 | 30,879 | 32,364 | 2,520,149 | 17,962 | 274 | 3,481 |
| | mean s. f. d. | 2,803 | 3,521 | 6,149 | 8,096 | 7,693 | 6,583 | 3,662 | 923 | 568 | 679 | 519 | 526 | --- | --- | --- | --- |
| 1917 | acre-feet | 40,128 | 44,894 | 65,242 | 126,329 | 165,062 | 187,638 | 81,275 | 36,990 | 19,696 | 17,970 | 18,488 | 19,370 | 823,082 | 4,331 | 267 | 1,137 |
| | mean s. f. d. | 653 | 808 | 1,061 | 2,123 | 2,684 | 3,153 | 1,322 | 602 | 331 | 292 | 311 | 315 | --- | --- | --- | --- |
| 1918 | acre-feet | 18,918 | 18,559 | 48,087 | 74,513 | 78,722 | 136,753 | 44,828 | 20,807 | 17,562 | 32,555 | 22,160 | 25,039 | 538,503 | 3,478 | 227 | 744 |
| | mean s. f. d. | 308 | 334 | 782 | 1,252 | 1,280 | 2,298 | 729 | 338 | 295 | 529 | 372 | 407 | --- | --- | --- | --- |
| 1919 | acre-feet | 21,098 | 23,002 | 37,973 | 86,574 | 140,215 | 81,844 | 34,364 | 16,288 | 11,722 | 13,835 | 13,884 | 18,325 | 499,124 | 4,299 | 156 | 689 |
| | mean s. f. d. | 343 | 414 | 618 | 1,455 | 2,280 | 1,375 | 559 | 265 | 197 | 225 | 233 | 298 | --- | --- | --- | --- |
| 1920 | acre-feet | 17,220 | 18,044 | 40,397 | 83,370 | 158,904 | 137,840 | 50,699 | 22,431 | 14,949 | 16,596 | 19,490 | 20,703 | 600,643 | 4,456 | 196 | 827 |
| | mean s. f. d. | 280 | 314 | 657 | 1,401 | 2,584 | 2,316 | 825 | 365 | 251 | 270 | 328 | 337 | --- | --- | --- | --- |
| 1921 | acre-feet | 23,520 | 30,791 | 55,402 | 51,723 | 100,096 | 120,387 | 49,119 | 18,073 | 12,595 | 13,180 | 12,960 | 21,673 | 509,519 | 3,548 | 110 | 704 |
| | mean s. f. d. | 383 | 554 | 901 | 869 | 1,628 | 2,023 | 799 | 294 | 212 | 214 | 218 | 352 | --- | --- | --- | --- |
| 1922 | acre-feet | 30,682 | 33,846 | 52,468 | 84,407 | 242,259 | 202,395 | 88,649 | 37,061 | 23,772 | 17,770 | 19,835 | 28,282 | 861,426 | 5,300 | 196 | 1,190 |
| | mean s. f. d. | 499 | 609 | 853 | 1,419 | 3,940 | 3,401 | 1,442 | 603 | 400 | 289 | 333 | 460 | --- | --- | --- | --- |
| 1923 | acre-feet | 26,863 | 25,720 | 31,372 | 73,355 | 120,849 | 82,528 | 55,800 | 22,322 | 18,054 | 15,495 | 14,348 | 13,809 | 500,515 | 3,275 | 179 | 691 |
| | mean s. f. d. | 437 | 463 | 510 | 1,233 | 1,965 | 1,387 | 908 | 363 | 303 | 252 | 241 | 225 | --- | --- | --- | --- |
| 1924 | acre-feet | 13,676 | 13,702 | 15,953 | 28,540 | 41,722 | 14,069 | 8,225 | 5,881 | 5,494 | 7,642 | 14,196 | 18,627 | 187,727 | 1,073 | 74 | 259 |
| | mean s. f. d. | 222 | 238 | 259 | 480 | 679 | 236 | 134 | 96 | 92 | 124 | 239 | 303 | --- | --- | --- | --- |
| 1925 | acre-feet | 17,992 | 26,333 | 31,299 | 56,408 | 102,016 | 96,252 | 58,437 | 25,938 | 11,405 | 12,906 | 12,305 | 14,622 | 465,913 | 2,819 | 148 | 635 |
| | mean s. f. d. | 293 | 474 | 509 | 948 | 1,659 | 1,618 | 950 | 422 | 192 | 210 | 207 | 238 | --- | --- | --- | --- |
| 1926 | acre-feet | 12,022 | 15,667 | 24,739 | 66,079 | 98,598 | 49,530 | 18,575 | 9,522 | 7,029 | 8,358 | 28,493 | 28,094 | 366,706 | 6,511 | 74 | 507 |
| | mean s. f. d. | 196 | 282 | 402 | 1,110 | 1,604 | 832 | 302 | 155 | 118 | 136 | 479 | 457 | --- | --- | --- | --- |
| 1927 | acre-feet | 20,485 | 75,279 | 73,083 | 100,362 | 184,721 | 161,153 | 75,481 | 26,817 | 14,842 | 14,037 | 27,180 | 19,140 | 792,580 | 6,571 | 188 | 1,095 |
| | mean s. f. d. | 333 | 1,355 | 1,189 | 1,891 | 3,004 | 2,708 | 1,228 | 436 | 249 | 228 | 457 | 311 | --- | --- | --- | --- |
| 1928 | acre-feet | 18,452 | 17,818 | 32,668 | 37,757 | 76,885 | 60,344 | 18,716 | 9,189 | 6,583 | 8,732 | 11,974 | 13,710 | 312,828 | 2,058 | 101 | 431 |
| | mean s. f. d. | 300 | 310 | 531 | 635 | 1,250 | 1,014 | 304 | 149 | 111 | 142 | 201 | 223 | --- | --- | --- | --- |
| 1929 | acre-feet | 13,864 | 14,654 | 25,176 | 39,064 | 85,995 | 63,487 | 30,986 | 12,797 | 9,146 | 8,793 | 9,035 | 9,961 | 322,958 | 2,003 | 119 | 446 |
| | mean s. f. d. | 225 | 264 | 409 | 656 | 1,399 | 1,067 | 504 | 208 | 154 | 143 | 152 | 162 | --- | --- | --- | --- |
| 1930 | acre-feet | 12,234 | 20,099 | 34,550 | 53,506 | 67,851 | 82,824 | 28,401 | 11,819 | 7,743 | 9,314 | 11,042 | 10,590 | 343,973 | 2,423 | 118 | 483 |
| | mean s. f. d. | 199 | 362 | 562 | 899 | 1,103 | 1,392 | 462 | 192 | 130 | 151 | 186 | 172 | --- | --- | --- | --- |

HISTORICAL RECAP
MEAN RIVER AT FIRST POINT OF MEASUREMENT

| YEAR | QUANTITY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC | TOTAL | MAX. | MIN. | MEAN |
|------|---------------|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|-----------|--------|------|------|
| 1931 | acre-feet | 12,284 | 13,785 | 15,784 | 23,440 | 41,867 | 24,262 | 8,493 | 6,302 | 6,860 | 6,817 | 8,241 | 17,510 | 185,645 | -- | -- | -- |
| | mean s. f. d. | 200 | 248 | 257 | 394 | 681 | 408 | 138 | 102 | 115 | 111 | 138 | 285 | -- | 2,261 | -- | 71 |
| 1932 | acre-feet | 22,235 | 39,596 | 68,647 | 111,273 | 154,742 | 166,404 | 94,013 | 28,243 | 13,593 | 13,942 | 12,077 | 12,962 | 737,727 | -- | -- | -- |
| | mean s. f. d. | 362 | 688 | 1,116 | 1,870 | 2,517 | 2,797 | 1,529 | 459 | 228 | 227 | 203 | 211 | -- | 3,726 | -- | 180 |
| 1933 | acre-feet | 17,175 | 21,021 | 36,244 | 57,265 | 60,026 | 125,395 | 56,898 | 18,692 | 10,062 | 10,893 | 10,776 | 16,639 | 441,086 | -- | -- | -- |
| | mean s. f. d. | 279 | 379 | 589 | 962 | 976 | 2,107 | 304 | 304 | 177 | 177 | 181 | 271 | -- | 3,769 | -- | 144 |
| 1934 | acre-feet | 20,033 | 16,842 | 27,429 | 39,919 | 43,065 | 21,820 | 11,341 | 6,948 | 7,043 | 8,196 | 11,272 | 13,757 | 227,665 | -- | -- | -- |
| | mean s. f. d. | 326 | 303 | 446 | 671 | 700 | 367 | 184 | 113 | 118 | 133 | 189 | 224 | -- | 914 | -- | 82 |
| 1935 | acre-feet | 14,840 | 18,500 | 24,841 | 71,042 | 103,787 | 133,634 | 42,184 | 17,193 | 11,363 | 11,962 | 11,905 | 12,877 | 474,128 | -- | -- | -- |
| | mean s. f. d. | 241 | 333 | 404 | 1,194 | 1,688 | 2,246 | 686 | 280 | 191 | 195 | 200 | 209 | -- | 3,378 | -- | 164 |
| 1936 | acre-feet | 14,737 | 46,808 | 57,374 | 157,290 | 219,404 | 137,028 | 67,902 | 32,987 | 14,372 | 15,423 | 15,828 | 17,294 | 796,447 | -- | -- | -- |
| | mean s. f. d. | 240 | 814 | 933 | 2,643 | 3,568 | 2,303 | 1,104 | 536 | 242 | 251 | 266 | 281 | -- | 4,173 | -- | 194 |
| 1937 | acre-feet | 21,745 | 139,109 | 111,443 | 183,505 | 352,050 | 225,395 | 91,097 | 32,186 | 17,780 | 17,173 | 16,379 | 52,320 | 1,260,182 | -- | -- | -- |
| | mean s. f. d. | 354 | 2,505 | 1,812 | 3,084 | 5,726 | 3,788 | 1,482 | 523 | 299 | 279 | 275 | 851 | -- | 20,000 | -- | 223 |
| 1938 | acre-feet | 31,265 | 42,456 | 162,121 | 223,928 | 315,044 | 291,880 | 130,917 | 54,155 | 28,693 | 27,475 | 24,748 | 26,003 | 1,358,685 | -- | -- | -- |
| | mean s. f. d. | 508 | 764 | 2,637 | 3,763 | 5,124 | 4,905 | 2,129 | 881 | 482 | 447 | 416 | 423 | -- | 14,582 | -- | 356 |
| 1939 | acre-feet | 28,558 | 33,273 | 54,119 | 92,136 | 92,253 | 58,400 | 25,480 | 18,774 | 13,712 | 16,826 | 13,692 | 13,850 | 461,073 | -- | -- | -- |
| | mean s. f. d. | 464 | 599 | 880 | 1,548 | 1,500 | 981 | 414 | 305 | 230 | 274 | 230 | 225 | -- | 2,028 | -- | 178 |
| 1940 | acre-feet | 45,082 | 65,032 | 77,810 | 118,175 | 196,465 | 145,503 | 50,471 | 18,926 | 13,234 | 14,670 | 16,007 | 27,723 | 789,098 | -- | -- | -- |
| | mean s. f. d. | 733 | 1,131 | 1,265 | 1,986 | 3,195 | 2,445 | 821 | 308 | 222 | 239 | 269 | 451 | -- | 5,454 | -- | 167 |
| 1941 | acre-feet | 39,540 | 73,589 | 109,735 | 124,615 | 386,666 | 309,960 | 174,416 | 62,537 | 27,997 | 26,325 | 27,661 | 38,035 | 1,401,076 | -- | -- | -- |
| | mean s. f. d. | 643 | 1,325 | 1,785 | 2,094 | 6,289 | 5,209 | 2,637 | 1,017 | 471 | 428 | 465 | 619 | -- | 8,523 | -- | 337 |
| 1942 | acre-feet | 49,438 | 40,834 | 58,487 | 112,586 | 150,036 | 178,754 | 81,529 | 30,284 | 16,500 | 14,648 | 16,130 | 22,740 | 771,966 | -- | -- | -- |
| | mean s. f. d. | 804 | 735 | 951 | 1,892 | 2,440 | 3,004 | 1,326 | 493 | 277 | 238 | 271 | 370 | -- | 4,060 | -- | 141 |
| 1943 | acre-feet | 92,551 | 56,820 | 261,344 | 198,736 | 254,785 | 155,650 | 88,011 | 34,435 | 17,857 | 17,849 | 18,565 | 24,224 | 1,220,827 | -- | -- | -- |
| | mean s. f. d. | 1,505 | 1,023 | 4,250 | 3,340 | 4,144 | 2,616 | 1,431 | 560 | 300 | 290 | 312 | 394 | -- | 21,701 | -- | 252 |
| 1944 | acre-feet | 27,473 | 32,781 | 69,836 | 80,223 | 150,109 | 115,862 | 59,197 | 20,305 | 12,843 | 12,952 | 21,521 | 22,435 | 625,537 | -- | -- | -- |
| | mean s. f. d. | 447 | 570 | 1,136 | 1,348 | 2,441 | 1,947 | 963 | 330 | 216 | 211 | 362 | 365 | -- | 3,071 | -- | 191 |
| 1945 | acre-feet | 20,783 | 70,522 | 63,925 | 131,246 | 205,599 | 169,002 | 91,593 | 41,632 | 21,548 | 41,268 | 36,845 | 44,182 | 938,055 | -- | -- | -- |
| | mean s. f. d. | 338 | 1,270 | 1,040 | 2,206 | 3,342 | 2,840 | 1,490 | 677 | 362 | 671 | 619 | 719 | -- | 9,370 | -- | 155 |
| 1946 | acre-feet | 45,481 | 34,854 | 60,958 | 109,658 | 155,476 | 85,880 | 39,733 | 20,091 | 13,261 | 16,141 | 31,365 | 37,785 | 650,683 | -- | -- | -- |
| | mean s. f. d. | 740 | 628 | 991 | 1,843 | 2,529 | 1,443 | 646 | 327 | 223 | 263 | 527 | 615 | -- | 3,814 | -- | 192 |
| 1947 | acre-feet | 31,146 | 28,167 | 36,319 | 60,353 | 110,325 | 57,778 | 21,116 | 12,313 | 9,140 | 12,607 | 13,492 | 13,942 | 406,698 | -- | -- | -- |
| | mean s. f. d. | 507 | 507 | 591 | 1,014 | 1,794 | 971 | 343 | 200 | 154 | 205 | 227 | 227 | -- | 2,584 | -- | 135 |
| 1948 | acre-feet | 13,486 | 13,267 | 16,233 | 43,976 | 86,108 | 78,565 | 31,331 | 9,927 | 6,899 | 8,908 | 9,586 | 11,220 | 329,506 | -- | -- | -- |
| | mean s. f. d. | 219 | 231 | 264 | 739 | 1,400 | 1,320 | 510 | 161 | 116 | 145 | 161 | 182 | -- | 2,206 | -- | 97 |
| 1949 | acre-feet | 11,982 | 12,992 | 21,136 | 50,517 | 84,508 | 57,685 | 17,201 | 8,682 | 6,541 | 7,704 | 11,131 | 12,791 | 302,870 | -- | -- | -- |
| | mean s. f. d. | 195 | 234 | 344 | 849 | 1,374 | 959 | 280 | 141 | 110 | 125 | 187 | 208 | -- | 2,128 | -- | 69 |
| 1950 | acre-feet | 17,119 | 39,761 | 37,087 | 76,155 | 98,483 | 90,367 | 34,501 | 12,179 | 10,393 | 9,955 | 96,968 | 77,992 | 601,360 | -- | -- | -- |
| | mean s. f. d. | 278 | 716 | 603 | 1,280 | 1,502 | 1,519 | 568 | 198 | 175 | 162 | 1,630 | 1,568 | -- | 37,000 | -- | 128 |

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

| YEAR | QUANTITY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC | TOTAL | MAX. | MIN. | MEAN |
|------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|---------|-----------|--------|------|-------|
| 1951 | acre-feet | 32,975 | 30,018 | 35,101 | 48,914 | 85,039 | 88,990 | 38,941 | 12,966 | 7,793 | 9,364 | 11,958 | 40,163 | 442,222 | 8,341 | 69 | 611 |
| | mean s. f. d. | 536 | 541 | 571 | 822 | 1,383 | 1,496 | 1,633 | 2,111 | 131 | 152 | 201 | 653 | --- | --- | --- | --- |
| 1952 | acre-feet | 60,367 | 53,673 | 84,726 | 222,633 | 434,769 | 302,557 | 159,856 | 68,200 | 30,670 | 23,417 | 24,871 | 35,260 | 1,500,999 | 8,530 | 254 | 2,073 |
| | mean s. f. d. | 982 | 933 | 1,378 | 3,741 | 7,071 | 5,085 | 2,600 | 1,109 | 515 | 381 | 418 | 573 | --- | --- | --- | --- |
| 1953 | acre-feet | 60,760 | 40,498 | 38,709 | 70,730 | 86,019 | 103,164 | 69,657 | 21,503 | 12,730 | 13,125 | 15,252 | 16,915 | 548,833 | 3,798 | 119 | 758 |
| | mean s. f. d. | 988 | 729 | 630 | 1,189 | 1,399 | 1,734 | 1,133 | 350 | 214 | 213 | 252 | 275 | --- | --- | --- | --- |
| 1954 | acre-feet | 22,019 | 30,361 | 44,575 | 101,203 | 139,719 | 73,553 | 39,642 | 19,198 | 12,571 | 12,351 | 15,328 | 17,837 | 528,357 | 2,948 | 150 | 729 |
| | mean s. f. d. | 358 | 347 | 725 | 1,701 | 2,272 | 1,236 | 645 | 312 | 211 | 201 | 258 | 290 | --- | --- | --- | --- |
| 1955 | acre-feet | 20,438 | 24,625 | 29,734 | 37,567 | 69,544 | 86,560 | 31,014 | 19,293 | 9,840 | 10,100 | 12,526 | 92,959 | 444,300 | --- | --- | --- |
| | mean s. f. d. | 332 | 443 | 484 | 631 | 1,131 | 1,456 | 504 | 314 | 165 | 164 | 211 | 1,512 | --- | 12,711 | 101 | 614 |
| 1956 | acre-feet | 82,943 | 49,993 | 62,767 | 97,553 | 159,683 | 168,876 | 99,529 | 41,141 | 21,370 | 23,397 | 17,042 | 16,568 | 840,862 | 5,167 | 207 | 1,158 |
| | mean s. f. d. | 1,349 | 869 | 1,021 | 1,639 | 2,597 | 2,838 | 1,619 | 669 | 359 | 381 | 286 | 269 | --- | --- | --- | --- |
| 1957 | acre-feet | 18,535 | 26,178 | 31,357 | 38,644 | 79,355 | 132,359 | 41,988 | 17,518 | 12,111 | 13,648 | 14,013 | 18,632 | 444,338 | 3,411 | 147 | 614 |
| | mean s. f. d. | 301 | 471 | 510 | 649 | 1,291 | 2,224 | 683 | 285 | 204 | 222 | 235 | 303 | --- | --- | --- | --- |
| 1958 | acre-feet | 22,088 | 39,453 | 68,140 | 168,105 | 316,974 | 230,866 | 115,724 | 56,190 | 27,515 | 20,815 | 19,835 | 19,025 | 1,104,730 | 6,592 | 236 | 1,526 |
| | mean s. f. d. | 359 | 710 | 1,108 | 2,825 | 5,155 | 3,880 | 1,882 | 914 | 462 | 339 | 333 | 309 | --- | --- | --- | --- |
| 1959 | acre-feet | 20,592 | 22,258 | 33,274 | 40,566 | 39,945 | 32,061 | 18,013 | 10,094 | 9,852 | 9,689 | 10,419 | 11,215 | 257,978 | 944 | 104 | 356 |
| | mean s. f. d. | 335 | 401 | 541 | 682 | 650 | 539 | 293 | 164 | 166 | 158 | 175 | 182 | --- | --- | --- | --- |
| 1960 | acre-feet | 13,363 | 30,682 | 31,908 | 46,272 | 58,336 | 47,181 | 16,683 | 9,638 | 8,678 | 10,187 | 14,183 | 12,926 | 300,037 | 1,690 | 99 | 413 |
| | mean s. f. d. | 217 | 533 | 519 | 778 | 949 | 793 | 271 | 157 | 146 | 166 | 238 | 210 | --- | --- | --- | --- |
| 1961 | acre-feet | 11,466 | 10,905 | 14,221 | 24,137 | 29,980 | 24,305 | 8,952 | 16,018 | 8,463 | 7,353 | 9,554 | 12,288 | 177,642 | 626 | 99 | 245 |
| | mean s. f. d. | 186 | 196 | 231 | 406 | 488 | 408 | 146 | 261 | 142 | 120 | 161 | 200 | --- | --- | --- | --- |
| 1962 | acre-feet | 13,507 | 53,411 | 37,660 | 147,463 | 135,884 | 157,253 | 74,874 | 25,416 | 13,949 | 14,051 | 12,407 | 11,929 | 697,704 | 3,604 | 144 | 964 |
| | mean s. f. d. | 220 | 962 | 612 | 2,478 | 2,210 | 2,643 | 1,218 | 413 | 233 | 229 | 209 | 194 | --- | --- | --- | --- |
| 1963 | acre-feet | 27,793 | 101,595 | 42,994 | 69,412 | 137,839 | 163,944 | 105,384 | 47,008 | 28,883 | 27,291 | 25,837 | 23,470 | 801,450 | 15,584 | 160 | 1,107 |
| | mean s. f. d. | 452 | 1,829 | 699 | 1,167 | 2,242 | 2,755 | 1,714 | 765 | 485 | 444 | 434 | 382 | --- | --- | --- | --- |
| 1964 | acre-feet | 19,943 | 17,119 | 25,146 | 42,946 | 61,521 | 54,658 | 23,803 | 14,097 | 9,025 | 9,150 | 14,939 | 46,919 | 339,266 | 4,693 | 120 | 467 |
| | mean s. f. d. | 324 | 298 | 409 | 722 | 1,001 | 919 | 387 | 229 | 152 | 149 | 251 | 763 | --- | --- | --- | --- |
| 1965 | acre-feet | 46,768 | 31,702 | 36,359 | 80,043 | 131,980 | 149,357 | 95,288 | 49,105 | 22,036 | 17,631 | 29,542 | 30,551 | 720,362 | 3,322 | 226 | 995 |
| | mean s. f. d. | 761 | 571 | 591 | 1,345 | 2,146 | 2,510 | 1,550 | 799 | 370 | 287 | 496 | 497 | --- | --- | --- | --- |
| 1966 | acre-feet | 29,272 | 22,439 | 39,108 | 68,779 | 82,336 | 45,431 | 23,347 | 18,141 | 9,608 | 10,822 | 15,501 | 313,811 | 678,595 | 80,029 | 112 | 937 |
| | mean s. f. d. | 476 | 404 | 636 | 1,156 | 1,339 | 763 | 380 | 295 | 161 | 176 | 261 | 5104 | --- | --- | --- | --- |
| 1967 | acre-feet | 63,580 | 65,831 | 86,200 | 99,509 | 269,631 | 311,063 | 243,802 | 94,834 | 55,255 | 36,230 | 34,546 | 35,746 | 1,396,227 | 7,223 | 419 | 1,938 |
| | mean s. f. d. | 1,034 | 1,185 | 1,402 | 1,672 | 4,385 | 5,228 | 3,965 | 1,542 | 929 | 589 | 581 | 581 | --- | --- | --- | --- |
| 1968 | acre-feet | 34,052 | 40,354 | 48,803 | 65,584 | 87,991 | 64,054 | 30,690 | 20,600 | 11,466 | 13,599 | 16,982 | 19,585 | 453,760 | 1,923 | 155 | 625 |
| | mean s. f. d. | 554 | 702 | 794 | 1,102 | 1,431 | 1,076 | 499 | 335 | 193 | 221 | 285 | 319 | --- | --- | --- | --- |
| 1969 | acre-feet | 178,493 | 111,342 | 157,595 | 378,333 | 617,968 | 496,796 | 254,777 | 111,100 | 49,936 | 36,036 | 34,862 | 34,132 | 2,461,370 | 24,216 | 344 | 3,400 |
| | mean s. f. d. | 2,903 | 2,005 | 2,563 | 6,358 | 10,050 | 8,349 | 4,144 | 1,807 | 839 | 586 | 586 | 555 | --- | --- | --- | --- |
| 1970 | acre-feet | 66,480 | 41,419 | 59,917 | 63,513 | 110,057 | 95,700 | 50,138 | 24,224 | 14,392 | 13,301 | 21,519 | 28,814 | 589,474 | 6,298 | 171 | 814 |
| | mean s. f. d. | 1,081 | 746 | 974 | 1,067 | 1,790 | 1,608 | 815 | 394 | 242 | 216 | 362 | 469 | --- | --- | --- | --- |

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

| YEAR | QUANTITY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC | TOTAL | MAX. | MIN. | MEAN |
|------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|---------|-----------|--------|------|------|
| 1971 | acre-feet | 34,143 | 30,960 | 41,913 | 52,661 | 66,635 | 82,707 | 42,472 | 19,841 | 11,371 | 11,540 | 14,102 | 19,109 | 427,454 | — | — | — |
| | mean s. f. d. | 555 | 557 | 682 | 885 | 1,084 | 1,390 | 691 | 323 | 191 | 188 | 237 | 311 | — | 1,895 | — | 590 |
| 1972 | acre-feet | 19,864 | 18,827 | 33,213 | 28,288 | 45,968 | 38,531 | 14,936 | 10,927 | 11,334 | 11,431 | 14,703 | 20,408 | 268,427 | 951 | — | 370 |
| | mean s. f. d. | 323 | 327 | 540 | 475 | 748 | 648 | 243 | 178 | 190 | 186 | 247 | 332 | — | — | 111 | — |
| 1973 | acre-feet | 33,628 | 36,395 | 52,778 | 110,892 | 288,652 | 230,390 | 93,834 | 41,028 | 23,030 | 18,895 | 22,342 | 27,788 | 979,652 | — | — | — |
| | mean s. f. d. | 547 | 655 | 858 | 1,864 | 4,694 | 3,872 | 1,526 | 667 | 387 | 307 | 375 | 452 | — | 5,886 | — | 220 |
| 1974 | acre-feet | 50,337 | 29,873 | 74,247 | 114,113 | 183,733 | 167,740 | 69,580 | 39,991 | 23,532 | 21,953 | 19,904 | 23,603 | 818,606 | — | — | — |
| | mean s. f. d. | 819 | 538 | 1,208 | 1,918 | 2,988 | 2,819 | 1,132 | 650 | 395 | 357 | 334 | 384 | — | 4,141 | — | 220 |
| 1975 | acre-feet | 21,521 | 26,725 | 42,815 | 46,602 | 147,001 | 140,660 | 51,917 | 22,625 | 17,133 | 16,209 | 15,049 | 16,310 | 564,567 | — | — | — |
| | mean s. f. d. | 350 | 481 | 696 | 783 | 2,391 | 2,364 | 844 | 368 | 288 | 264 | 253 | 265 | — | 3,783 | — | 164 |
| 1976 | acre-feet | 16,308 | 16,994 | 23,074 | 25,924 | 47,151 | 20,930 | 14,749 | 14,573 | 25,097 | 20,523 | 12,954 | 11,191 | 249,468 | — | — | — |
| | mean s. f. d. | 265 | 295 | 375 | 436 | 767 | 352 | 240 | 237 | 422 | 334 | 218 | 182 | — | 1,188 | — | 142 |
| 1977 | acre-feet | 13,456 | 13,704 | 14,765 | 23,391 | 25,630 | 35,655 | 10,973 | 10,979 | 7,815 | 8,146 | 8,456 | 24,028 | 196,998 | — | — | — |
| | mean s. f. d. | 219 | 247 | 240 | 393 | 417 | 599 | 178 | 179 | 131 | 132 | 142 | 391 | — | 2,049 | — | 57 |
| 1978 | acre-feet | 46,596 | 116,432 | 175,484 | 181,700 | 363,157 | 354,825 | 194,693 | 74,001 | 61,696 | 29,562 | 26,874 | 28,485 | 1,653,505 | — | — | — |
| | mean s. f. d. | 758 | 2,096 | 2,854 | 3,054 | 5,906 | 5,963 | 3,166 | 1,204 | 1,037 | 481 | 452 | 463 | — | 10,901 | — | 350 |
| 1979 | acre-feet | 34,062 | 41,825 | 72,299 | 102,079 | 164,935 | 106,112 | 46,733 | 27,243 | 19,583 | 19,781 | 18,779 | 19,230 | 672,661 | — | — | — |
| | mean s. f. d. | 554 | 753 | 1,176 | 1,715 | 2,682 | 1,783 | 760 | 443 | 329 | 322 | 316 | 313 | — | 3,540 | — | 929 |
| 1980 | acre-feet | 145,545 | 168,887 | 139,620 | 211,608 | 287,825 | 282,877 | 208,715 | 78,143 | 35,068 | 26,955 | 25,006 | 29,708 | 1,639,957 | — | — | — |
| | mean s. f. d. | 2,367 | 2,936 | 2,271 | 3,556 | 4,681 | 4,754 | 3,394 | 1,271 | 589 | 438 | 420 | 483 | — | 14,171 | — | 261 |
| 1981 | acre-feet | 28,709 | 34,762 | 45,608 | 69,320 | 91,914 | 65,817 | 25,630 | 17,389 | 13,222 | 14,781 | 18,922 | 23,189 | 449,263 | — | — | — |
| | mean s. f. d. | 467 | 626 | 742 | 1,165 | 1,495 | 1,106 | 417 | 283 | 222 | 240 | 318 | 377 | — | 2,211 | — | 157 |
| 1982 | acre-feet | 37,682 | 52,996 | 78,724 | 212,963 | 254,985 | 198,748 | 130,098 | 61,956 | 61,716 | 46,306 | 57,116 | 77,849 | 1,271,139 | — | — | — |
| | mean s. f. d. | 613 | 954 | 1,280 | 3,579 | 4,147 | 3,340 | 2,116 | 1,008 | 1,037 | 753 | 960 | 1,266 | — | 9,075 | — | 389 |
| 1983 | acre-feet | 87,905 | 138,514 | 265,543 | 206,473 | 478,625 | 571,846 | 288,866 | 154,935 | 68,503 | 53,300 | 71,599 | 103,019 | 2,489,128 | — | — | — |
| | mean s. f. d. | 1,430 | 2,494 | 4,319 | 3,470 | 7,784 | 9,610 | 4,698 | 2,520 | 1,151 | 867 | 1,203 | 1,675 | — | 14,038 | — | 602 |
| 1984 | acre-feet | 76,054 | 60,926 | 82,738 | 91,359 | 161,613 | 93,114 | 77,046 | 49,698 | 28,306 | 26,428 | 35,020 | 39,495 | 821,797 | — | — | — |
| | mean s. f. d. | 1,237 | 1,059 | 1,346 | 1,535 | 2,628 | 1,565 | 1,253 | 808 | 476 | 430 | 589 | 642 | — | 3,305 | — | 288 |
| 1985 | acre-feet | 40,423 | 40,610 | 53,371 | 136,241 | 146,799 | 99,858 | 41,395 | 23,956 | 17,024 | 16,495 | 22,314 | 33,945 | 672,431 | — | — | — |
| | mean s. f. d. | 657 | 731 | 868 | 2,290 | 2,387 | 1,678 | 673 | 390 | 286 | 268 | 375 | 552 | — | 3,353 | — | 208 |
| 1986 | acre-feet | 42,668 | 149,966 | 204,775 | 208,147 | 293,335 | 263,794 | 121,398 | 57,160 | 26,567 | 28,330 | 25,341 | 23,458 | 1,444,939 | — | — | — |
| | mean s. f. d. | 694 | 2,700 | 3,330 | 3,498 | 4,771 | 4,433 | 1,974 | 930 | 446 | 461 | 426 | 382 | — | 8,296 | — | 313 |
| 1987 | acre-feet | 25,595 | 29,504 | 41,565 | 55,236 | 75,108 | 56,146 | 24,918 | 14,735 | 10,683 | 11,484 | 14,745 | 16,215 | 375,935 | — | — | — |
| | mean s. f. d. | 416 | 531 | 676 | 928 | 1,222 | 944 | 405 | 240 | 180 | 187 | 248 | 264 | — | 1,817 | — | 145 |
| 1988 | acre-feet | 22,677 | 19,815 | 30,210 | 39,584 | 58,350 | 43,140 | 20,969 | 13,454 | 10,733 | 9,283 | 10,955 | 15,515 | 294,685 | — | — | — |
| | mean s. f. d. | 369 | 344 | 491 | 665 | 949 | 725 | 341 | 219 | 180 | 151 | 184 | 252 | — | 1,418 | — | 118 |
| 1989 | acre-feet | | | | | | | | | | | | | | | | |
| | mean s. f. d. | | | | | | | | | | | | | | | | |
| 1990 | acre-feet | | | | | | | | | | | | | | | | |
| | mean s. f. d. | | | | | | | | | | | | | | | | |

KERN RIVER AT FIRST POINT OF MEASUREMENT
HISTORICAL MONTHLY NATURAL FLOWS

YEAR: 1988

October 1893 to Date...

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|---|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| Mean Monthly Flow (acre-feet) | 36,795 | 43,747 | 64,976 | 100,789 | 158,913 | 142,368 | 73,333 | 31,772 | 18,703 | 17,851 | 20,157 | 28,411 | 737,815 |
| Mean Monthly Flow (second foot days) | 598 | 781 | 1,057 | 1,694 | 2,584 | 2,393 | 1,193 | 517 | 314 | 290 | 339 | 462 | 1,018 |
| Maximum Monthly Flow (acre-feet) | 178,493 | 202,510 | 378,116 | 481,749 | 617,968 | 571,846 | 399,842 | 154,935 | 68,503 | 53,300 | 96,968 | 313,811 | |
| Minimum Monthly Flow (acre-feet) | 11,466 | 10,905 | 14,221 | 23,391 | 25,630 | 14,068 | 8,225 | 5,882 | 5,494 | 6,818 | 8,241 | 9,960 | |
| Number Months of Record | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 96 | 96 |
| Cumulative Monthly Flow (All Months - acre-feet) | 3,495,457 | 4,155,969 | 6,172,708 | 9,574,984 | 15,096,737 | 13,524,942 | 6,966,638 | 3,018,335 | 1,776,769 | 1,713,740 | 1,935,079 | 2,727,478 | |
| Median Monthly Flow (acre-feet) | 25,595 | 32,781 | 48,546 | 80,043 | 124,506 | 120,387 | 50,471 | 22,431 | 14,392 | 14,726 | 16,861 | 20,556 | 571,295 |
| Median Monthly Flow (second foot days) | 416 | 585 | 790 | 1,345 | 2,025 | 2,023 | 821 | 365 | 242 | 239 | 283 | 334 | 789 |

MEAN APRIL - JULY RUNOFF TO DATE = 475,403 AcFt
 MEAN MARCH - OCTOBER RUNOFF TO DATE = 608,705 AcFt
 MEDIAN APRIL - JULY RUNOFF TO DATE = 375,407 AcFt
 MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 475,502 AcFt

KERN RIVER IN REVIEW
1988

Introduction

The 1987-1988 Water Year on the Kern River was marked by the re-occurrence of extended dry periods throughout the southern Sierra Nevada mountain range during the November-March snowpack accumulation period. The most severe of these periods was between January 18, 1988 and February 26, 1988, an interval of 40 days during which a total absence of precipitation was experienced throughout the Kern River watershed.

Rainfall amounts of less than 20% of normal were encountered over the basin during the month of March and the first half of April. Mid-April rainshowers and snowfall brought about a brief interruption in the dry weather pattern, but did little to overcome the effect of previous month's dryness.

Runoff from the Kern River basin as measured near Bakersfield during the 1988 April through July snowmelt season amounted to 162,043 acre-feet, 34% of average and 10th driest of the 95 years that Kern River flow has been measured and recorded. The critically low runoff from the Kern River basin during 1988 coupled with the 44% of average water yield during the 1987 snowmelt season, resulted in Isabella Reservoir storage being reduced to 72,638 acre-feet as of December 9, 1988, its lowest level since February 8, 1978.

Precipitation

Monthly precipitation amounts as recorded at Isabella Dam and Reservoir during the 1987-88 Water Year were as follows:

| <u>Month</u> | <u>Inches</u> | <u>% of Normal</u> | <u>Month</u> | <u>Inches</u> | <u>% of Normal</u> |
|--------------|---------------|--------------------|--------------|---------------|--------------------|
| Oct. | .62 | 207% | Apr. | 1.41 | 152% |
| Nov. | .87 | 76% | May | .50 | 179% |
| Dec. | 1.36 | 72% | Jun. | .05 | 50% |
| Jan. | 1.80 | 87% | Jul. | .51 | 567% |
| Feb. | .40 | 23% | Aug. | .00 | 0% |
| Mar. | .24 | 19% | Sep. | .00 | 0% |

The initial rainfall of the 1987-88 Water Year occurred over the Kern River watershed on October 21, 1987. A series of weak cold frontal systems affected the basin through mid-November, followed by 20 consecutive days of dry weather. Beginning the 4th of December 1987, storms began moving inland from the Pacific Ocean on a regular basis. Rainfall amounts in the southern Sierra Nevada during December 1987 and much of January 1988 were near normal.

Total precipitation at Isabella Reservoir during the 1987-88 Water Year was 7.76 inches, 74% of normal. This total was bolstered by thunderstorm activity over the western and southern portions of the watershed during late June and July. A sharp rise in Kern River North Fork flow on June 21-22, 1988 was related to this activity, and resulted in peak inflow to Isabella Reservoir for June occurring on the 22nd day of the month.

Temperature

Isabella, California 1988 mean air temperatures (°F) with comparative averages were as follows:

| | 1988 | | Variance | 1988 | | Variance | |
|------|---------------|----------------|-------------|---------------|----------------|-------------|------|
| | <u>Actual</u> | <u>Average</u> | from | <u>Actual</u> | <u>Average</u> | from | |
| | | | <u>Norm</u> | | | <u>Norm</u> | |
| Jan. | 42.3 | 43.8 | -1.5 | Jul. | 80.2 | 79.6 | +0.6 |
| Feb. | 48.5 | 47.1 | +1.4 | Aug. | 77.9 | 78.0 | -0.1 |
| Mar. | 50.8 | 50.0 | +0.8 | Sep. | 72.5 | 72.0 | +0.5 |
| Apr. | 55.1 | 54.4 | +0.7 | Oct. | 66.1 | 61.8 | +4.3 |
| May | 59.6 | 63.3 | -3.7 | Nov. | 50.3 | 51.2 | -0.9 |
| Jun. | 70.3 | 72.5 | -2.2 | Dec. | 43.1 | 44.6 | -1.5 |

Snowpack

Listed below are approximate readings in inches of water content for the eight snow sensor sites located within the Kern River basin on April 1, 1988, with April 1st historical average water contents of same shown for comparison:

| | <u>Upper</u> | <u>Crabtree</u> | <u>Chagoopa</u> | | <u>Wet</u> | <u>Tunnel</u> | <u>Casa</u> | <u>Beach</u> |
|--------------------|----------------|-----------------|-----------------|---------------|---------------|---------------|----------------|----------------|
| | <u>Tyndall</u> | <u>Meadow</u> | <u>Plateau</u> | <u>Pascoe</u> | <u>Meadow</u> | <u>Guard</u> | <u>Meadows</u> | <u>Meadows</u> |
| | <u>Creek</u> | | | | | | | |
| April 1, 1988 | 18.6 | 8.9 | 9.0 | 12.2 | 0.4 | 0.0 | 3.9 | 0.0 |
| April 1 Average | 27.7 | 19.8 | 21.8 | 24.9 | 30.3 | 15.6 | 20.9 | 11.0 |

Snowmelt began to occur at elevations below 9,000 feet in the Kern River basin as early as February 23, 1988, due to unseasonably warm weather. Several snow sensor sites were virtually bare by the 27th of March, lending to further reductions by forecasters in Kern River April through July runoff predictions.

Forecasts

The State of California, Department of Water Resources issued the following forecasts of Kern River runoff into Isabella Reservoir for the

1988 April-July snowmelt period:

| | |
|-------------------|------------------------------------|
| February 1, 1988: | 53% of average (260,000 acre-feet) |
| March 1, 1988: | 41% of average (200,000 acre-feet) |
| April 1, 1988: | 28% of average (140,000 acre-feet) |
| May 1, 1988: | 29% of average (145,000 acre-feet) |

Runoff

Actual 1988 April-July Kern River inflow to Isabella Reservoir was 162,098 acre-feet (33% of average). Peak inflow occurred on May 16, 1988 at 1,439 cfs. Calendar year runoff at First Point of Measurement totaled 294,685 acre-feet, 40% of the long-term average and 52% of the historical median.

Storage

On January 1, 1988, Isabella Reservoir contained 143,410 acre-feet of water. Peak storage volume for 1988 was reached on June 6, with 158,189 acre-feet. On December 31, 1988, 73,545 acre-feet remained in storage in Isabella Reservoir, constituting 13% of the lake capacity and 47% of the 35-year average December 31st carryover storage volume of 155,090 acre-feet. As depicted in the above storage balances, approximately 70,000 acre-feet of water was withdrawn from Isabella storage to meet the 1988 irrigation demands.

Operations

Kern River regulated flow during the 1988 calendar year amounted to 335,473 acre-feet. Peak regulated flow occurred on July 21, 1988, with a mean daily discharge of 1,139 cfs. The total water yield of the Kern River basin and its surface storage reservoir in acre-feet during 1988 is summarized as follows:

| | |
|---|-----------|
| Kern River Computed Natural Flow..... | 294,685 + |
| Isabella Reservoir Withdrawal..... | 69,863 + |
| Isabella Reservoir Evaporation..... | 27,004 - |
| Kern River Diversions Above First Point..... | 2,071 - |
| Kern River Regulated Flow at First Point..... | 335,473 = |

Deliveries to Second Point of Measurement for Buena Vista Water Storage District during calendar year 1988 totaled 6,983 acre-feet with a maximum daily flow rate of 131 cubic feet per second. In addition, 3,718 acre-feet of banked groundwater was produced from extraction wells located within the City of Bakersfield's 2,800 Acre Recharge Facility and delivered via the Kern River Canal for irrigation use by the Buena Vista Water Storage District.

Year: 1988

Kern River at First Point of Measurement "Computed Natural"

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|---------|----------|--------|----------|--------|--------|--------|---------------|---------|--------|--------|
| 1 | 238 | 356 | 571 | 527 | 546 | 805 | 544 | 216 | 286 | 174 | 137 | 213 |
| 2 | 270 | 356 | 554 | 514 | 579 | 854 | 536 | 232 | 283 | 162 | 127 | 215 |
| 3 | 332 | 334 | 541 | 500 | 598 | 896 | 503 | 235 | 263 | 151 | 127 | 206 |
| 4 | 382 | 317 | 516 | 542 | 592 | 848 | 444 | 233 | 236 | 149 | 135 | 208 |
| 5 | 758 | 300 | 512 | 569 | 589 | 830 | 418 | 211 | 215 | 158 | 145 | 207 |
| 6 | 526 | 308 | 502 | 604 | 579 | 778 | 405 | 216 | 214 | 157 | 138 | 224 |
| 7 | 466 | 309 | 502 | 650 | 589 | 736 | 407 | 185 | 211 | 160 | 135 | 216 |
| 8 | 365 | 301 | 498 | 694 | 591 | 664 | 404 | 193 | 209 | 152 | 142 | 188 |
| 9 | 367 | 333 | 488 | 710 | 587 | 623 | 383 | 200 | 197 | 162 | 145 | 190 |
| 10 | 348 | 350 | 484 | 732 | 584 | 594 | 356 | 205 | 193 | 146 | 158 | 202 |
| 11 | 349 | 360 | 460 | 741 | 627 | 588 | 326 | 198 | 180 | 153 | 160 | 218 |
| 12 | 349 | 328 | 439 | 769 | 768 | 616 | 308 | 190 | 178 | 145 | 166 | 211 |
| 13 | 318 | 333 | 419 | 782 | 965 | 656 | 311 | 173 | 164 | 152 | 182 | 204 |
| 14 | 300 | 336 | 404 | 806 | 1,144 | 727 | 300 | 173 | 162 | 150 | 192 | 200 |
| 15 | 320 | 344 | 405 | 778 | 1,253 | 748 | 318 | 166 | 153 | 151 | 200 | 212 |
| 16 | 370 | 339 | 402 | 753 | 1,418 | 735 | 304 | 164 | 152 | 152 | 176 | 234 |
| 17 | 427 | 330 | 411 | 427 | 1,339 | 682 | 313 | 175 | 137 | 141 | 177 | 222 |
| 18 | 395 | 321 | 416 | 703 | 1,247 | 658 | 290 | 182 | 130 | 144 | 174 | 227 |
| 19 | 366 | 310 | 414 | 675 | 1,203 | 655 | 299 | 199 | 118 | 152 | 178 | 236 |
| 20 | 330 | 321 | 408 | 894 | 1,191 | 733 | 286 | 173 | 122 | 160 | 162 | 269 |
| 21 | 319 | 331 | 426 | 734 | 1,275 | 799 | 296 | 153 | 141 | 147 | 161 | 248 |
| 22 | 333 | 338 | 438 | 704 | 1,284 | 965 | 299 | 172 | 169 | 150 | 161 | 259 |
| 23 | 338 | 327 | 462 | 652 | 1,291 | 652 | 305 | 196 | 187 | 143 | 217 | 263 |
| 24 | 369 | 344 | 481 | 624 | 1,245 | 767 | 320 | 199 | 171 | 147 | 287 | 655 |
| 25 | 358 | 344 | 527 | 629 | 1,211 | 785 | 333 | 208 | 157 | 142 | 332 | 368 |
| 26 | 370 | 369 | 558 | 643 | 1,151 | 751 | 324 | 260 | 142 | 141 | 288 | 296 |
| 27 | 366 | 402 | 589 | 606 | 1,068 | 700 | 285 | 319 | 157 | 142 | 246 | 263 |
| 28 | 363 | 452 | 594 | 587 | 1,011 | 639 | 245 | 340 | 154 | 137 | 219 | 276 |
| 29 | 354 | 497 | 618 | 580 | 976 | 599 | 230 | 344 | 156 | 147 | 230 | 284 |
| 30 | 349 | - | 612 | 543 | 980 | 565 | 238 | 356 | 174 | 154 | 226 | 252 |
| 31 | 337 | - | 580 | - | 937 | - | 242 | 317 | - | 159 | - | 336 |
| TOTAL | 11,433 | 9,990 | 15,231 | 19,957 | 29,418 | 21,750 | 10,572 | 6,783 | 5,411 | 4,680 | 5,523 | 7,822 |
| MAXIMUM DAY | 758 | 497 | 618 | 894 | 1,418 | 966 | 544 | 356 | 286 | 174 | 332 | 655 |
| MINIMUM DAY | 238 | 300 | 402 | 500 | 546 | 565 | 230 | 153 | 118 | 137 | 127 | 188 |
| MEAN | 369 | 344 | 491 | 665 | 949 | 725 | 341 | 219 | 180 | 151 | 184 | 252 |
| TOTAL AC.FT. | 22,677 | 19,815 | 30,210 | 39,584 | 58,350 | 43,140 | 20,969 | 13,454 | 10,733 | 9,283 | 10,955 | 15,515 |
| WHOLE YEAR:- | TOTAL, | 148,570 | MAXIMUM, | 1,418 | MINIMUM, | 118 | MEAN, | 406 | TOTAL AC.FT., | 294,685 | | |

Kern River North Fork Flow at Kernville
(As reported by U. S. Army Corps of Engineers)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|---------|----------|--------|----------|--------|--------|--------|----------------|---------|-------|--------|
| 1 | 207 | 265 | 461 | 485 | 515 | 813 | 461 | 237 | 234 | 144 | 117 | 179 |
| 2 | 240 | 262 | 438 | 484 | 507 | 759 | 428 | 237 | 216 | 126 | 116 | 179 |
| 3 | 241 | 261 | 415 | 487 | 487 | 818 | 402 | 214 | 200 | 118 | 118 | 178 |
| 4 | 258 | 241 | 399 | 533 | 490 | 921 | 389 | 202 | 186 | 124 | 117 | 176 |
| 5 | 671 | 243 | 397 | 556 | 490 | 934 | 376 | 200 | 174 | 122 | 115 | 174 |
| 6 | 530 | 252 | 402 | 611 | 491 | 844 | 357 | 203 | 166 | 123 | 112 | 171 |
| 7 | 352 | 254 | 406 | 676 | 483 | 700 | 337 | 200 | 173 | 124 | 113 | 168 |
| 8 | 314 | 257 | 404 | 705 | 463 | 576 | 319 | 192 | 169 | 123 | 120 | 170 |
| 9 | 299 | 253 | 427 | 699 | 456 | 526 | 310 | 188 | 161 | 123 | 121 | 167 |
| 10 | 292 | 270 | 415 | 726 | 466 | 497 | 297 | 179 | 154 | 123 | 124 | 168 |
| 11 | 276 | 279 | 384 | 759 | 539 | 517 | 288 | 173 | 152 | 122 | 124 | 168 |
| 12 | 270 | 283 | 361 | 789 | 686 | 551 | 284 | 168 | 147 | 124 | 125 | 168 |
| 13 | 255 | 291 | 353 | 789 | 950 | 569 | 274 | 167 | 145 | 124 | 126 | 170 |
| 14 | 250 | 294 | 349 | 762 | 1,078 | 624 | 264 | 162 | 142 | 125 | 175 | 172 |
| 15 | 252 | 295 | 343 | 776 | 1,228 | 660 | 260 | 162 | 140 | 125 | 163 | 167 |
| 16 | 252 | 304 | 338 | 708 | 1,405 | 662 | 263 | 162 | 135 | 124 | 141 | 160 |
| 17 | 271 | 305 | 334 | 673 | 1,289 | 615 | 255 | 156 | 132 | 123 | 153 | 169 |
| 18 | 262 | 294 | 328 | 675 | 1,163 | 551 | 248 | 152 | 131 | 121 | 155 | 166 |
| 19 | 268 | 283 | 345 | 631 | 1,148 | 488 | 237 | 148 | 130 | 123 | 142 | 159 |
| 20 | 256 | 281 | 366 | 687 | 1,169 | 623 | 224 | 146 | 129 | 125 | 148 | 161 |
| 21 | 271 | 288 | 397 | 643 | 1,195 | 774 | 218 | 147 | 134 | 124 | 146 | 202 |
| 22 | 282 | 286 | 416 | 619 | 1,264 | 850 | 219 | 151 | 144 | 124 | 148 | 166 |
| 23 | 278 | 289 | 426 | 570 | 1,246 | 718 | 224 | 152 | 148 | 125 | 162 | 172 |
| 24 | 285 | 296 | 454 | 532 | 1,183 | 695 | 234 | 161 | 142 | 125 | 242 | 319 |
| 25 | 295 | 297 | 491 | 569 | 1,124 | 737 | 293 | 149 | 138 | 124 | 225 | 301 |
| 26 | 297 | 311 | 539 | 580 | 1,158 | 755 | 262 | 205 | 132 | 115 | 214 | 201 |
| 27 | 303 | 328 | 606 | 573 | 1,145 | 638 | 233 | 304 | 130 | 115 | 198 | 187 |
| 28 | 306 | 396 | 611 | 553 | 1,061 | 580 | 218 | 290 | 130 | 115 | 192 | 225 |
| 29 | 307 | 415 | 577 | 502 | 1,053 | 544 | 231 | 304 | 129 | 116 | 188 | 214 |
| 30 | 297 | - | 555 | 493 | 1,054 | 497 | 220 | 277 | 124 | 118 | 183 | 203 |
| 31 | 285 | - | 512 | - | 893 | - | 218 | 244 | - | 118 | - | 230 |
| TOTAL | 9,222 | 8,373 | 13,249 | 18,872 | 27,879 | 20,036 | 8,843 | 6,032 | 4,567 | 3,811 | 4,523 | 5,810 |
| MAXIMUM DAY | 671 | 415 | 611 | 789 | 1,405 | 934 | 461 | 304 | 234 | 144 | 242 | 319 |
| MINIMUM DAY | 207 | 241 | 328 | 484 | 456 | 488 | 218 | 146 | 124 | 115 | 112 | 159 |
| MEAN | 297 | 289 | 427 | 629 | 899 | 668 | 285 | 195 | 152 | 123 | 151 | 187 |
| TOTAL AC. FT. | 18,282 | 16,608 | 26,279 | 37,432 | 55,297 | 39,741 | 17,540 | 11,964 | 9,059 | 7,559 | 8,971 | 11,524 |
| WHOLE YEAR:- | TOTAL, | 131,217 | MAXIMUM, | 1,405 | MINIMUM, | 112 | MEAN, | 359 | TOTAL AC. FT., | 260,266 | | |

Year: 1988

Kern River at First Point of Measurement "Regulated"

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----------------|--------|---------|----------|--------|----------|--------|--------|--------|----------------|---------|--------|--------|
| 1 | 267 | 356 | 718 | 495 | 518 | 525 | 1,072 | 667 | 403 | 156 | 117 | 210 |
| 2 | 254 | 344 | 681 | 457 | 549 | 560 | 1,079 | 686 | 342 | 158 | 123 | 207 |
| 3 | 234 | 340 | 654 | 492 | 491 | 514 | 1,058 | 674 | 268 | 155 | 133 | 219 |
| 4 | 273 | 322 | 630 | 513 | 527 | 531 | 1,083 | 651 | 257 | 155 | 138 | 224 |
| 5 | 347 | 320 | 628 | 532 | 517 | 598 | 1,102 | 611 | 323 | 181 | 144 | 215 |
| 6 | 358 | 338 | 610 | 534 | 539 | 683 | 1,114 | 525 | 354 | 170 | 156 | 203 |
| 7 | 363 | 352 | 633 | 571 | 525 | 728 | 1,115 | 486 | 337 | 164 | 149 | 202 |
| 8 | 355 | 394 | 639 | 581 | 487 | 809 | 1,071 | 539 | 306 | 162 | 152 | 203 |
| 9 | 350 | 420 | 535 | 582 | 453 | 824 | 1,002 | 580 | 276 | 163 | 141 | 232 |
| 10 | 396 | 504 | 550 | 582 | 456 | 822 | 951 | 561 | 249 | 159 | 149 | 226 |
| 11 | 393 | 454 | 578 | 580 | 507 | 807 | 978 | 487 | 227 | 117 | 159 | 193 |
| 12 | 361 | 448 | 576 | 574 | 558 | 828 | 978 | 480 | 225 | 135 | 151 | 188 |
| 13 | 319 | 451 | 563 | 583 | 545 | 906 | 1,003 | 441 | 203 | 132 | 174 | 189 |
| 14 | 295 | 456 | 566 | 596 | 548 | 977 | 1,041 | 394 | 173 | 133 | 170 | 188 |
| 15 | 306 | 449 | 563 | 596 | 549 | 1,059 | 1,002 | 413 | 170 | 137 | 165 | 191 |
| 16 | 347 | 424 | 579 | 612 | 543 | 1,094 | 961 | 418 | 161 | 141 | 184 | 195 |
| 17 | 345 | 454 | 570 | 609 | 531 | 1,116 | 948 | 439 | 155 | 145 | 172 | 193 |
| 18 | 367 | 470 | 493 | 578 | 552 | 1,095 | 977 | 490 | 182 | 143 | 173 | 194 |
| 19 | 308 | 478 | 469 | 607 | 531 | 1,077 | 1,003 | 502 | 194 | 145 | 175 | 208 |
| 20 | 304 | 509 | 473 | 635 | 521 | 1,073 | 1,110 | 446 | 196 | 139 | 175 | 188 |
| 21 | 316 | 540 | 496 | 598 | 509 | 1,021 | 1,139 | 423 | 233 | 146 | 161 | 224 |
| 22 | 328 | 587 | 504 | 615 | 519 | 946 | 1,127 | 477 | 235 | 149 | 156 | 265 |
| 23 | 345 | 586 | 502 | 619 | 517 | 859 | 1,098 | 480 | 219 | 147 | 152 | 267 |
| 24 | 350 | 561 | 491 | 587 | 520 | 822 | 1,030 | 314 | 199 | 144 | 195 | 292 |
| 25 | 356 | 639 | 470 | 547 | 523 | 777 | 1,039 | 244 | 173 | 146 | 256 | 318 |
| 26 | 352 | 579 | 565 | 583 | 514 | 820 | 947 | 272 | 170 | 138 | 234 | 343 |
| 27 | 355 | 590 | 539 | 596 | 493 | 887 | 752 | 240 | 160 | 141 | 262 | 333 |
| 28 | 379 | 585 | 624 | 577 | 495 | 929 | 728 | 307 | 149 | 139 | 258 | 320 |
| 29 | 380 | 615 | 605 | 512 | 498 | 984 | 711 | 342 | 140 | 138 | 214 | 279 |
| 30 | 406 | - | 596 | 482 | 501 | 1,078 | 655 | 332 | 142 | 136 | 214 | 292 |
| 31 | 374 | - | 564 | - | 504 | - | 607 | 370 | - | 136 | - | 301 |
| TOTAL | 10,483 | 13,565 | 17,664 | 17,025 | 16,040 | 25,710 | 30,481 | 14,291 | 6,821 | 4,550 | 5,202 | 7,302 |
| MAXIMUM INSTAN. | 445 | 737 | 804 | 953 | 703 | 1,125 | 1,220 | 692 | 418 | 239 | 295 | 352 |
| MINIMUM INSTAN. | 231 | 302 | 453 | 451 | 351 | 378 | 525 | 191 | 101 | 40 | 99 | 165 |
| MEAN | 338 | 468 | 570 | 568 | 517 | 857 | 983 | 461 | 227 | 147 | 173 | 236 |
| TOTAL AC. FT. | 20,793 | 26,906 | 35,036 | 33,769 | 31,815 | 50,995 | 60,458 | 28,346 | 13,529 | 9,025 | 10,318 | 14,483 |
| WHOLE YEAR:- | TOTAL, | 169,134 | MAXIMUM, | 1,220 | MINIMUM, | 40 | MEAN, | 462 | TOTAL AC. FT., | 335,473 | | |

Year: 1988

Kern River Conduit at Alternate Second Point (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-------|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 33 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 33 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 60 | 0 | 49 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 49 | 0 | 68 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 47 | 0 | 0 | 24 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 82 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 131 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 115 | 0 | 0 | 36 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 106 | 0 | 0 | 51 | 0 | 48 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 108 | 0 | 0 | 15 | 0 | 71 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 106 | 0 | 0 | 48 | 0 | 92 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 100 | 0 | 0 | 45 | 0 | 101 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 76 | 0 | 0 | 15 | 0 | 101 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 49 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 37 | 0 | 10 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 28 | 0 | 64 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 30 | 0 | 87 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 38 | 0 | 85 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 34 | 0 | 95 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 38 | 0 | 98 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 22 | 0 | 81 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 25 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 1,172 | 0 | 887 | 578 | 0 | 1,135 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 131 | 0 | 98 | 62 | 0 | 101 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 40 | 0 | 30 | 19 | 0 | 37 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 2,325 | 0 | 1,759 | 1,146 | 0 | 2,251 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR: - | TOTAL, | 3,772 | MAXIMUM, | 131 | MINIMUM, | 0 | MEAN, | 10 | TOTAL AC. FT., | 7,481 | | |

| First Point Diversions to First Point Group Lands | | | | | | | | | | | | Year: 1988 | | |
|---|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-----|-----|------------|---|---|
| Below Second Point of Measurement | | | | | | | | | | | | | | |
| (All Sources) | | | | | | | | | | | | | | |
| DISCHARGE IN CUBIC FEET PER SECOND | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 251 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 251 | MAXIMUM, | 22 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC.FT., | 498 | | | | |

Second Point Group Flow
via Kern River Canal

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-------|----------|-----|-------|-------|----------------|--------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 45 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 64 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 66 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 33 | 0 | 22 | 60 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 33 | 0 | 48 | 61 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 60 | 0 | 63 | 57 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 49 | 0 | 88 | 56 | 0 | 0 | 0 | 0 |
| 8 | 0 | 45 | 0 | 0 | 24 | 0 | 86 | 56 | 0 | 0 | 0 | 0 |
| 9 | 0 | 97 | 0 | 0 | 0 | 0 | 86 | 55 | 0 | 0 | 0 | 0 |
| 10 | 0 | 147 | 0 | 0 | 0 | 0 | 78 | 55 | 0 | 0 | 0 | 0 |
| 11 | 0 | 115 | 0 | 0 | 36 | 0 | 76 | 56 | 0 | 0 | 0 | 0 |
| 12 | 0 | 105 | 0 | 0 | 51 | 0 | 72 | 56 | 0 | 0 | 0 | 0 |
| 13 | 0 | 106 | 0 | 0 | 15 | 0 | 95 | 55 | 0 | 0 | 0 | 0 |
| 14 | 0 | 101 | 0 | 0 | 48 | 0 | 116 | 56 | 0 | 0 | 0 | 0 |
| 15 | 0 | 96 | 0 | 0 | 45 | 0 | 125 | 56 | 0 | 0 | 0 | 0 |
| 16 | 0 | 72 | 0 | 0 | 15 | 0 | 125 | 56 | 0 | 0 | 0 | 0 |
| 17 | 0 | 47 | 0 | 0 | 0 | 0 | 109 | 56 | 0 | 0 | 0 | 0 |
| 18 | 0 | 32 | 0 | 10 | 0 | 0 | 73 | 28 | 0 | 0 | 0 | 0 |
| 19 | 0 | 22 | 0 | 64 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 24 | 0 | 87 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 33 | 0 | 85 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 32 | 0 | 95 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 46 | 0 | 98 | 0 | 0 | 82 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 34 | 0 | 81 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 25 | 0 | 75 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 78 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 84 | 0 | 0 | 24 | 8 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 78 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 34 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 18 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 23 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 1,179 | 0 | 887 | 578 | 0 | 1,750 | 1,002 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 147 | 0 | 98 | 62 | 0 | 125 | 66 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 41 | 0 | 30 | 19 | 0 | 56 | 32 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 2,338 | 0 | 1,759 | 1,146 | 0 | 3,470 | 1,988 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 5,396 | MAXIMUM, | 147 | MINIMUM, | 0 | MEAN, | 15 | TOTAL AC. FT., | 10,701 | | |

DISCHARGE IN CUBIC FEET PER SECOND Friant-Kern Inflow to Kern River Channel (Total Flow) Year: 1988

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-------|-----|-------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 650 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 130 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 1,289 |
| WHOLE YEAR:- | TOTAL, | 846 | MAXIMUM, | 130 | MINIMUM, | 0 | MEAN, | 2 | TOTAL AC.FT., | 1,677 | | |

Year: 1988

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER ENTITLEMENTS

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|
| Buena Vista W.S.D. Entitlement | 0 | 0 | 3,802 | 6,908 | 12,694 | 8,051 | 986 | 111 | 0 | 0 | 0 | 0 | 32,552 |
| Hacienda W.D. Entitlement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| K.C.L. Entitlement @ 2nd Point Kern Island Eastside | 18,198 | 17,203 | 17,770 | 17,829 | 18,446 | 17,851 | 17,578 | 12,538 | 10,078 | 8,607 | 10,258 | 13,994 | 1,365 |
| Kern River Conduit | 238 | 186 | 7,962 | 13,593 | 15,808 | 14,648 | 1,681 | 123 | 0 | 0 | 0 | 0 | 53,815 |
| Castro | 621 | 486 | 0 | 6 | 165 | 43 | 0 | 0 | 0 | 0 | 18 | 71 | 1,410 |
| KCC & W Co. | 422 | 317 | 0 | 6 | 115 | 28 | 0 | 0 | 0 | 0 | 14 | 52 | 1,954 |
| South Fork | 1,500 | 732 | 0 | 40 | 911 | 230 | 0 | 0 | 0 | 0 | 2 | 224 | 3,659 |
| Buena Vista | 1,581 | 238 | 0 | 61 | 1,371 | 341 | 0 | 0 | 0 | 0 | 0 | 230 | 2,822 |
| James | 40 | 0 | 0 | 8 | 228 | 61 | 0 | 0 | 0 | 0 | 0 | 38 | 375 |
| Anderson | 289 | 0 | 0 | 75 | 1,714 | 434 | 0 | 0 | 0 | 0 | 0 | 202 | 2,714 |
| Stine | 58 | 54 | 0 | 16 | 343 | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |
| Meacham | 54 | 0 | 0 | 58 | 1,702 | 270 | 0 | 0 | 0 | 0 | 0 | 0 | 2,084 |
| Farmers | 0 | 0 | 0 | 4 | 454 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 480 |
| Plunket | 0 | 0 | 0 | 0 | 446 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 464 |
| Joyce | 0 | 0 | 0 | 0 | 407 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 409 |
| Johnson | 0 | 0 | 0 | 0 | 407 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 409 |
| Pioneer | 0 | 0 | 0 | 0 | 1,151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,151 |
| Beardsley | 0 | 0 | 0 | 0 | 460 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 460 |
| Lerdo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Anderson | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| James & Dixon | 0 | 0 | 0 | 0 | 228 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 228 |
| Wilson | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| KCC & W Co. | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| McCaffrey | 0 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| McCord: | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Lerdo | 0 | 0 | 0 | 0 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| Beardsley | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Central | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Calloway: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NKMSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Railroad: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KCC & W Co. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NKMSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buena Vista | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| James | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pioneer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beardsley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computed Loss | 676 | 633 | 676 | 655 | 676 | 655 | 676 | 676 | 655 | 676 | 655 | 676 | 7,985 |
| Total 1st Point Group Entitlement | 22,677 | 19,815 | 26,408 | 32,676 | 45,656 | 35,089 | 19,983 | 13,343 | 10,733 | 9,283 | 10,955 | 15,515 | 262,133 |

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER FIRST POINT GROUP
KERN RIVER DIVERSIONS

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|
| FIRST POINT REGULATED FLOW | 20,793 | 26,906 | 35,036 | 33,769 | 31,815 | 50,995 | 60,458 | 28,346 | 13,529 | 9,025 | 10,318 | 14,483 | 335,473 |
| BEARDSLEY CANAL | 2,670 | 7,006 | 11,891 | 14,464 | 13,585 | 14,235 | 21,158 | 8,284 | 1,265 | 75 | 2,398 | 2,456 | 99,487 |
| CALLOWAY CANAL | 1,623 | 492 | 1,924 | 1,805 | 2,162 | 0 | 2,499 | 3,681 | 3,338 | 2,174 | 4,223 | 2,485 | 26,406 |
| KERN ISLAND CANAL | 9,229 | 9,735 | 16,949 | 8,906 | 10,455 | 22,084 | 20,864 | 12,575 | 6,286 | 4,094 | 0 | 430 | 121,607 |
| EASTSIDE CANAL | 296 | 720 | 1,892 | 1,472 | 1,926 | 2,690 | 3,213 | 1,862 | 799 | 585 | 0 | 0 | 15,455 |
| STINE CANAL | 0 | 0 | 0 | 0 | 0 | 4,828 | 2,725 | 0 | 0 | 0 | 0 | 0 | 7,553 |
| TRUXTUN LAKES | 460 | 61 | 93 | 232 | 0 | 0 | 0 | 0 | 0 | 0 | 480 | 1,220 | 2,546 |
| ARVIN-EDISON TURNOUT | 0 | 0 | 0 | 2,247 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,495 |
| BUENA VISTA CANAL | 635 | 4,808 | 910 | 758 | 286 | 5,304 | 5,393 | 0 | 0 | 0 | 0 | 0 | 18,094 |
| JAMES CANAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ROSEDALE CHANNEL | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 345 |
| PIONEER CANAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2800 ACRE SPREADING FACILITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CARRIER LOSS | 607 | 938 | 233 | 807 | 522 | 1,199 | 1,032 | 0 | 0 | 0 | 434 | 716 | 6,488 |
| RIVER LOSS & SPREADING | 4,928 | 821 | 1,144 | 1,319 | 1,485 | 655 | 1,323 | 1,944 | 1,841 | 2,097 | 2,783 | 7,176 | 27,516 |
| FIRST POINT GROUP TOTAL FLOW | 20,793 | 24,581 | 35,036 | 32,010 | 30,669 | 50,995 | 58,207 | 28,346 | 13,529 | 9,025 | 10,318 | 14,483 | 327,992 |
| SECOND POINT TOTAL FLOW | 0 | 2,325 | 0 | 1,759 | 1,146 | 0 | 2,251 | 0 | 0 | 0 | 0 | 0 | 7,481 |

UTILIZATION OF STORAGE - ISABELLA RESERVOIR
KERN RIVER FIRST POINT GROUP

Year: 1988

End of Month Unit Storage

Quantities in acre-feet

| STORAGE UNIT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Kern Island | 2,500 | 7,745 | 9,649 | 12,250 | 16,973 | 8,628 | 1,976 | 918 | 1,983 | 2,500 | 2,496 | 2,500 | 70,118 |
| Buena Vista | 1,500 | 2,059 | 2,019 | 1,767 | 2,174 | 222 | 0 | 0 | 0 | 101 | 319 | 690 | 10,851 |
| Stine | 837 | 827 | 811 | 817 | 1,656 | 109 | 0 | 0 | 0 | 0 | 0 | 113 | 5,170 |
| Farmers | 125 | 123 | 121 | 133 | 988 | 524 | 215 | 0 | 0 | 0 | 0 | 0 | 2,229 |
| KERN DELTA WD TOTAL | 4,962 | 10,754 | 12,600 | 14,967 | 21,791 | 9,483 | 2,191 | 918 | 1,983 | 2,601 | 2,815 | 3,303 | 88,368 |
| City of Bakersfield | 5,374 | 5,457 | 6,943 | 10,076 | 9,769 | 12,659 | 3,774 | 1,353 | 816 | 700 | 905 | 1,315 | 59,141 |
| Kern River Canal & Irr. Co. | 654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 654 |
| South Fork | 600 | 785 | 599 | 601 | 662 | 543 | 380 | 235 | 229 | 365 | 428 | 509 | 5,936 |
| CITY OF BAKERSFIELD TOTAL | 6,628 | 6,242 | 7,542 | 10,677 | 10,431 | 13,202 | 4,154 | 1,588 | 1,045 | 1,065 | 1,333 | 1,824 | 65,731 |
| North Kern Water Storage District | 62,192 | 56,003 | 47,655 | 44,449 | 53,944 | 49,819 | 36,221 | 29,367 | 26,900 | 25,773 | 25,264 | 25,139 | 482,726 |
| TOTAL 1ST POINT STORAGE | 73,782 | 72,999 | 67,797 | 70,093 | 86,166 | 72,504 | 42,566 | 31,873 | 29,928 | 29,439 | 29,412 | 30,266 | 636,825 |

KERN DELTA WATER DISTRICT

KERN DELTA WATER DISTRICT
 Monthly Summary of Kern River Entitlements, Diversions,
 Deliveries and Storage ... All Canals

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|----------------|--------|--------|---------|---------|--------|--------|--------|--------|---------|---------|----------|----------|
| River Entitlement | + 20,041 | 17,955 | 17,770 | 18,002 | 22,773 | 18,785 | 17,578 | 12,538 | 10,078 | 8,607 | 10,260 | 14,420 | 188,807 |
| Release | + or - (9,433) | (929) | (24) | (4,979) | (3,518) | (332) | 0 | (727) | (490) | (2,370) | (8,076) | (12,587) | (43,465) |
| Ent'l + or - Releases | = 10,608 | 17,026 | 17,746 | 13,023 | 19,255 | 18,453 | 17,578 | 11,811 | 9,588 | 6,237 | 2,184 | 1,833 | 145,342 |
| Into Isabella Storage | - 690 | 5,906 | 2,162 | 2,919 | 7,338 | 355 | 290 | 924 | 1,579 | 717 | 272 | 522 | 23,674 |
| From Isabella Storage | + 0 | 28 | 85 | 252 | 0 | 12,101 | 7,330 | 2,143 | 421 | 0 | 0 | 0 | 22,360 |
| Other Supply | + or - 0 | 0 | 0 | 40 | 0 | 0 | 0 | 46 | (4) | (10) | 0 | 0 | 72 |
| Storage Transfer/Exch. | + or - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carrier Canal Loss | - 250 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 528 |
| To Improvement District #4 | - 0 | 0 | 0 | 0 | 0 | 0 | 1,464 | 3,774 | 2,178 | 1,402 | 1,912 | 881 | 11,611 |
| Diverted at Heads of Canals | = 9,668 | 10,870 | 15,669 | 10,396 | 11,917 | 30,199 | 23,154 | 9,302 | 6,248 | 4,108 | 0 | 430 | 131,961 |
| From Improvement District #4 | + 0 | 0 | 0 | 0 | 0 | 0 | 1,464 | 3,774 | 2,182 | 1,432 | 1,912 | 881 | 11,645 |
| Total Utility Supply | = 9,668 | 10,870 | 15,669 | 10,396 | 11,917 | 30,199 | 24,618 | 13,076 | 8,430 | 5,540 | 1,912 | 1,311 | 143,606 |
| Utility Deliveries | 7,134 | 7,438 | 10,130 | 6,120 | 6,856 | 22,366 | 18,444 | 9,937 | 5,393 | 2,627 | 1,588 | 948 | 96,981 |
| Contract Deliveries | 310 | 484 | 1,183 | 594 | 740 | 890 | 736 | 396 | 333 | 590 | 0 | 28 | 6,284 |
| Total Irrigation Use | - 7,444 | 7,922 | 11,313 | 6,714 | 7,596 | 23,256 | 19,180 | 10,333 | 5,726 | 3,217 | 1,588 | 976 | 105,265 |
| Conveyance Losses | = 2,224 | 2,948 | 4,356 | 3,682 | 4,321 | 6,943 | 5,438 | 2,743 | 2,704 | 2,323 | 324 | 335 | 38,341 |
| Delivery Percentage | 77% | 73% | 72% | 65% | 64% | 77% | 78% | 79% | 68% | 58% | 83% | 74% | 73% |
| Reservoir Evaporation Loss | 36 | 86 | 231 | 300 | 514 | 562 | 252 | 54 | 93 | 99 | 58 | 34 | 2,319 |
| End of Month Reservoir Storage | 4,962 | 10,754 | 12,600 | 14,967 | 21,791 | 9,483 | 2,191 | 918 | 1,983 | 2,601 | 2,815 | 3,303 | ===== |

Year: 1988

Total Flow via the Kern Island Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|-------|----------|--------|--------|--------|----------------|---------|-----|-----|
| 1 | 18 | 155 | 351 | 200 | 113 | 274 | 404 | 215 | 156 | 83 | 0 | 0 |
| 2 | 18 | 155 | 371 | 152 | 190 | 261 | 450 | 221 | 135 | 67 | 0 | 0 |
| 3 | 80 | 157 | 363 | 139 | 223 | 270 | 462 | 235 | 110 | 68 | 0 | 0 |
| 4 | 79 | 157 | 358 | 164 | 225 | 254 | 445 | 239 | 107 | 71 | 0 | 0 |
| 5 | 82 | 157 | 360 | 160 | 176 | 310 | 430 | 244 | 138 | 77 | 0 | 0 |
| 6 | 94 | 153 | 322 | 155 | 165 | 332 | 430 | 229 | 157 | 78 | 0 | 0 |
| 7 | 93 | 138 | 340 | 166 | 115 | 326 | 425 | 231 | 159 | 81 | 0 | 0 |
| 8 | 101 | 162 | 314 | 172 | 117 | 376 | 411 | 244 | 153 | 74 | 0 | 0 |
| 9 | 102 | 163 | 276 | 183 | 139 | 394 | 376 | 283 | 137 | 69 | 0 | 0 |
| 10 | 100 | 150 | 288 | 184 | 97 | 412 | 307 | 261 | 125 | 68 | 0 | 0 |
| 11 | 101 | 89 | 286 | 202 | 117 | 418 | 334 | 186 | 105 | 60 | 0 | 0 |
| 12 | 128 | 81 | 281 | 227 | 128 | 429 | 355 | 200 | 104 | 74 | 0 | 0 |
| 13 | 161 | 73 | 270 | 294 | 145 | 448 | 324 | 202 | 88 | 77 | 0 | 0 |
| 14 | 178 | 73 | 282 | 250 | 145 | 458 | 290 | 173 | 69 | 76 | 0 | 0 |
| 15 | 177 | 82 | 274 | 215 | 144 | 460 | 258 | 185 | 66 | 74 | 0 | 0 |
| 16 | 183 | 99 | 273 | 169 | 149 | 460 | 220 | 210 | 65 | 89 | 0 | 0 |
| 17 | 169 | 127 | 280 | 154 | 153 | 460 | 247 | 258 | 70 | 94 | 0 | 0 |
| 18 | 181 | 143 | 275 | 136 | 185 | 456 | 321 | 290 | 93 | 86 | 0 | 0 |
| 19 | 177 | 156 | 261 | 119 | 192 | 446 | 369 | 288 | 114 | 84 | 0 | 0 |
| 20 | 177 | 176 | 252 | 119 | 205 | 437 | 421 | 252 | 111 | 73 | 0 | 0 |
| 21 | 190 | 197 | 261 | 124 | 208 | 378 | 428 | 230 | 120 | 62 | 0 | 0 |
| 22 | 206 | 230 | 230 | 114 | 204 | 342 | 425 | 239 | 121 | 73 | 0 | 0 |
| 23 | 207 | 214 | 202 | 110 | 231 | 315 | 383 | 196 | 111 | 73 | 0 | 0 |
| 24 | 215 | 211 | 187 | 103 | 218 | 304 | 310 | 64 | 93 | 70 | 0 | 0 |
| 25 | 226 | 292 | 177 | 87 | 205 | 285 | 330 | 63 | 58 | 82 | 0 | 0 |
| 26 | 225 | 275 | 175 | 75 | 193 | 326 | 294 | 114 | 62 | 87 | 0 | 0 |
| 27 | 224 | 279 | 190 | 78 | 188 | 340 | 234 | 126 | 84 | 90 | 0 | 0 |
| 28 | 225 | 271 | 264 | 63 | 185 | 370 | 227 | 176 | 88 | 14 | 0 | 6 |
| 29 | 207 | 293 | 263 | 81 | 161 | 386 | 207 | 177 | 79 | 0 | 0 | 68 |
| 30 | 174 | - | 263 | 75 | 158 | 407 | 201 | 149 | 91 | 0 | 0 | 73 |
| 31 | 155 | - | 256 | - | 197 | - | 201 | 160 | - | 0 | - | 70 |
| TOTAL | 4,653 | 4,908 | 6,545 | 4,490 | 5,271 | 11,134 | 10,519 | 6,340 | 3,169 | 2,074 | 0 | 217 |
| MAXIMUM DAY | 226 | 293 | 371 | 294 | 231 | 460 | 462 | 290 | 159 | 94 | 0 | 73 |
| MINIMUM DAY | 18 | 73 | 175 | 75 | 97 | 254 | 201 | 63 | 58 | 0 | 0 | 0 |
| MEAN | 150 | 169 | 276 | 150 | 170 | 371 | 339 | 205 | 106 | 67 | 0 | 7 |
| TOTAL AC. FT. | 9,229 | 9,735 | 16,949 | 8,906 | 10,455 | 22,084 | 20,864 | 12,575 | 6,286 | 4,114 | 0 | 430 |
| WHOLE YEAR:- | TOTAL, | 61,320 | MAXIMUM, | 462 | MINIMUM, | 0 | MEAN, | 168 | TOTAL AC. FT., | 121,627 | | |

Kern Delta Water District/Improvement District No. 4
 Instantaneous Kern River/State Water Exchange
 (Delivered via Arvin-Edison Canal/Kern Island Canal Siphon Installation)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-----|----------|-----|-------|-------|----------------|--------|-------|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 51 | 13 | 29 | 101 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 53 | 14 | 27 | 101 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 33 | 14 | 25 | 98 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 33 | 23 | 16 | 96 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 33 | 25 | 15 | 48 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 32 | 35 | 16 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 33 | 36 | 22 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 33 | 35 | 26 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 31 | 32 | 24 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 | 30 | 33 | 21 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 | 30 | 27 | 21 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 31 | 20 | 20 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 31 | 17 | 20 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 31 | 19 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 32 | 19 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 19 | 20 | 25 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 19 | 19 | 44 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 19 | 20 | 45 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 60 | 24 | 46 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 62 | 24 | 45 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 65 | 23 | 47 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 65 | 34 | 46 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 65 | 33 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 66 | 21 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 45 | 21 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 22 | 21 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 27 | 23 | 20 | 86 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 29 | 21 | 20 | 97 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 27 | 17 | 20 | 100 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 49 | 15 | 20 | 101 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 51 | 0 | 20 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 356 | 1,986 | 1,100 | 722 | 964 | 444 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 86 | 66 | 36 | 101 | 101 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 15 | 13 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 64 | 37 | 23 | 32 | 14 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 706 | 3,939 | 2,182 | 1,432 | 1,912 | 881 |
| WHOLE YEAR:- | TOTAL, | 5,572 | MAXIMUM, | 101 | MINIMUM, | 0 | MEAN, | 15 | TOTAL AC. FT., | 11,052 | | |

KERN DELTA WATER DISTRICT
KERN ISLAND CANAL SERVICE AREA

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|
| River Entitlement | + 18,198 | 17,203 | 17,770 | 17,829 | 18,446 | 17,851 | 17,578 | 12,538 | 10,078 | 8,607 | 10,258 | 13,994 | 180,350 |
| Release | - 9,147 | 1,390 | 24 | 5,390 | 1,678 | 0 | 0 | 727 | 490 | 2,473 | 8,296 | 12,649 | 42,264 |
| Ent'l + or - Releases | = 9,051 | 15,813 | 17,746 | 12,439 | 16,768 | 17,851 | 17,578 | 11,811 | 9,588 | 6,134 | 1,962 | 1,345 | 138,086 |
| Into Storage | - 18 | 5,301 | 2,162 | 2,869 | 5,137 | 117 | 290 | 924 | 1,579 | 614 | 50 | 34 | 19,095 |
| From Storage | + 0 | 0 | 85 | 28 | 0 | 8,008 | 6,712 | 1,932 | 421 | 0 | 0 | 0 | 17,186 |
| Carrier Canal Loss | - 0 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| Other Supply | + or - 0 | 0 | 0 | 40 | 0 | 0 | 46 | (4) | (4) | (10) | 0 | 0 | 72 |
| Eastside Canal Ent'l | - 0 | 0 | 1,124 | 1,196 | 1,597 | 2,335 | 2,180 | 851 | 0 | 0 | 0 | 0 | 9,283 |
| To Improvement District #4 | - 0 | 0 | 0 | 0 | 0 | 0 | 1,291 | 3,774 | 2,178 | 1,402 | 1,912 | 881 | 11,438 |
| Diverted at Head | = 9,033 | 10,441 | 14,545 | 8,442 | 10,034 | 23,407 | 20,529 | 8,240 | 6,248 | 4,108 | 0 | 430 | 115,457 |
| From Improvement District #4 | + 0 | 0 | 0 | 0 | 0 | 0 | 1,291 | 3,774 | 2,182 | 1,432 | 1,912 | 881 | 11,472 |
| Total Utility Supply | = 9,033 | 10,441 | 14,545 | 8,442 | 10,034 | 23,407 | 21,820 | 12,014 | 8,430 | 5,540 | 1,912 | 1,311 | 126,929 |
| Utility Deliveries | 6,921 | 7,139 | 9,388 | 5,213 | 5,768 | 17,623 | 16,322 | 9,197 | 5,393 | 2,627 | 1,588 | 948 | 88,127 |
| Contract Deliveries | 310 | 484 | 1,137 | 515 | 621 | 882 | 724 | 388 | 333 | 590 | 0 | 28 | 6,012 |
| Total Deliveries | - 7,231 | 7,623 | 10,525 | 5,728 | 6,389 | 18,505 | 17,046 | 9,585 | 5,726 | 3,217 | 1,588 | 976 | 94,139 |
| Conveyance Losses | = 1,802 | 2,818 | 4,020 | 2,714 | 3,645 | 4,902 | 4,774 | 2,429 | 2,704 | 2,323 | 324 | 335 | 32,790 |
| Delivery Percentage | 80% | 73% | 72% | 68% | 64% | 79% | 78% | 80% | 68% | 58% | 83% | 74% | 74% |
| Into Reservoir Storage | 18 | 5,301 | 2,162 | 2,869 | 5,137 | 117 | 290 | 924 | 1,579 | 614 | 50 | 34 | 19,095 |
| Reservoir Evaporation Loss | 18 | 56 | 173 | 240 | 414 | 454 | 230 | 50 | 93 | 97 | 54 | 30 | 1,909 |
| From Reservoir Storage | 0 | 0 | 85 | 28 | 0 | 8,008 | 6,712 | 1,932 | 421 | 0 | 0 | 0 | 17,186 |
| End of Month Reservoir Storage | 2,500 | 7,745 | 9,649 | 12,250 | 16,973 | 8,628 | 1,976 | 918 | 1,983 | 2,500 | 2,496 | 2,500 | 2,500 |
| State Exchange Diverted | 196 | 480 | 1,139 | 448 | 413 | 664 | 1,049 | 3,608 | 32 | 0 | 0 | 0 | 8,029 |
| Other Diversions | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 0 | 0 | 165 |
| State Exch. Delivered | 196 | 480 | 1,139 | 448 | 413 | 664 | 1,049 | 2,890 | 32 | 0 | 0 | 0 | 7,311 |
| Other Delivered | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 124 |

KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BALFOUR - GUTHRIE CONTRACT

Year: 1988

Quantities in acre-feet
except where noted.....

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|

KERN ISLAND CANAL ENTITLEMENT:

| | | | | | | | | | | | | | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Maximum | 18,446 | 17,256 | 18,424 | 17,851 | 18,446 | 17,851 | 18,446 | 18,446 | 17,851 | 18,446 | 17,851 | 18,446 | 217,760 |
| Actual | 18,198 | 17,203 | 17,770 | 17,829 | 18,446 | 17,851 | 17,578 | 12,538 | 10,078 | 8,607 | 10,258 | 13,994 | 180,350 |
| Maximum Percentage | 99% | 100% | 96% | 100% | 100% | 100% | 95% | 68% | 56% | 47% | 57% | 76% | -- |

CONTRACT ENTITLEMENT:

| | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum | 269 | 242 | 269 | 260 | 269 | 260 | 269 | 269 | 260 | 269 | 260 | -- | 2,896 |
| Actual | 266 | 242 | 258 | 260 | 269 | 260 | 256 | 183 | 146 | 126 | 148 | -- | 2,414 |
| Sum to Date | 266 | 508 | 766 | 1,026 | 1,295 | 1,555 | 1,811 | 1,994 | 2,140 | 2,266 | 2,414 | 2,414 | -- |

CONTRACT DIVERTED:

| | | | | | | | | | | | | | |
|-----------|---|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| For Month | 0 | 159 | 814 | 164 | 306 | 607 | 355 | 148 | 6 | 119 | 0 | 0 | 2,678 |
| To Date | 0 | 159 | 973 | 1,137 | 1,443 | 2,050 | 2,405 | 2,553 | 2,559 | 2,678 | 2,678 | 2,678 | -- |

UNUSED ENTITLEMENT:

| | | | | | | | | | | | | | |
|-------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| For Month | 266 | 83 | (556) | 96 | (37) | (347) | (99) | 35 | 140 | 7 | 148 | 0 | (264) |
| Sum to Date | 266 | 349 | (207) | (111) | (148) | (495) | (594) | (559) | (419) | (412) | (264) | (264) | -- |

KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER

Year: 1988

BLOOMFIELD CONTRACT

Quantities in acre-feet
except where noted.....

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|

KERN ISLAND CANAL ENTITLEMENT:

| | | | | | | | | | | | | | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Maximum | 18,446 | 17,256 | 18,424 | 17,851 | 18,446 | 17,851 | 18,446 | 18,446 | 17,851 | 18,446 | 17,851 | 18,446 | 217,760 |
| Actual | 18,198 | 17,203 | 17,770 | 17,829 | 18,446 | 17,851 | 17,578 | 12,538 | 10,078 | 8,607 | 10,258 | 13,994 | 180,350 |
| Maximum Percentage | 99% | 100% | 96% | 100% | 100% | 100% | 95% | 68% | 56% | 47% | 57% | 75% | — |

CONTRACT ENTITLEMENT:

| | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum | 336 | 303 | 336 | 325 | 336 | 325 | 336 | 336 | 325 | 336 | 325 | — | 3,619 |
| Actual | 333 | 303 | 323 | 325 | 336 | 325 | 319 | 228 | 182 | 158 | 185 | — | 3,017 |
| Sum to Date | 333 | 636 | 959 | 1,284 | 1,620 | 1,945 | 2,264 | 2,492 | 2,674 | 2,832 | 3,017 | 3,017 | — |

CONTRACT DIVERTED:

| | | | | | | | | | | | | | |
|-----------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| For Month | 310 | 325 | 323 | 351 | 315 | 275 | 369 | 240 | 327 | 471 | 0 | 28 | 3,334 |
| To Date | 310 | 635 | 958 | 1,309 | 1,624 | 1,899 | 2,268 | 2,508 | 2,835 | 3,306 | 3,306 | 3,334 | — |

UNUSED ENTITLEMENT:

| | | | | | | | | | | | | | |
|-------------|----|------|---|------|-----|----|------|------|-------|-------|-------|-------|-------|
| For Month | 23 | (22) | 0 | (26) | 21 | 50 | (50) | (12) | (145) | (313) | 185 | (28) | (317) |
| Sum to Date | 23 | 1 | 1 | (25) | (4) | 46 | (4) | (16) | (161) | (474) | (289) | (317) | — |

Year: 1988

Total Flow via the Eastside Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-------|----------|-------|----------|-------|-------|-------|---------------|--------|-----|-----|
| 1 | 0 | 1 | 6 | 34 | 13 | 32 | 47 | 44 | 21 | 0 | 0 | 0 |
| 2 | 0 | 0 | 9 | 28 | 16 | 36 | 46 | 43 | 22 | 7 | 0 | 0 |
| 3 | 0 | 0 | 5 | 29 | 22 | 37 | 49 | 39 | 22 | 10 | 0 | 0 |
| 4 | 0 | 1 | 10 | 37 | 31 | 37 | 61 | 37 | 17 | 17 | 0 | 0 |
| 5 | 0 | 7 | 14 | 48 | 34 | 37 | 62 | 37 | 17 | 22 | 0 | 0 |
| 6 | 0 | 7 | 18 | 48 | 34 | 41 | 62 | 36 | 22 | 21 | 0 | 0 |
| 7 | 0 | 15 | 24 | 47 | 32 | 38 | 56 | 36 | 26 | 21 | 0 | 0 |
| 8 | 0 | 21 | 29 | 45 | 28 | 33 | 51 | 37 | 27 | 18 | 0 | 0 |
| 9 | 0 | 21 | 30 | 39 | 25 | 33 | 47 | 41 | 19 | 15 | 0 | 0 |
| 10 | 0 | 19 | 30 | 38 | 27 | 35 | 49 | 52 | 18 | 17 | 0 | 0 |
| 11 | 0 | 12 | 30 | 36 | 33 | 35 | 52 | 56 | 14 | 13 | 0 | 0 |
| 12 | 0 | 12 | 30 | 41 | 32 | 38 | 52 | 54 | 15 | 16 | 0 | 0 |
| 13 | 0 | 13 | 31 | 40 | 29 | 50 | 55 | 52 | 17 | 11 | 0 | 0 |
| 14 | 0 | 14 | 32 | 32 | 24 | 56 | 55 | 49 | 14 | 12 | 0 | 0 |
| 15 | 2 | 16 | 39 | 23 | 29 | 69 | 52 | 40 | 14 | 11 | 0 | 0 |
| 16 | 12 | 20 | 48 | 20 | 31 | 69 | 55 | 27 | 13 | 8 | 0 | 0 |
| 17 | 20 | 14 | 52 | 20 | 33 | 67 | 57 | 19 | 8 | 10 | 0 | 0 |
| 18 | 17 | 15 | 51 | 23 | 31 | 62 | 61 | 17 | 8 | 9 | 0 | 0 |
| 19 | 5 | 12 | 39 | 14 | 22 | 52 | 55 | 17 | 8 | 7 | 0 | 0 |
| 20 | 5 | 14 | 41 | 0 | 22 | 54 | 56 | 16 | 9 | 6 | 0 | 0 |
| 21 | 8 | 24 | 44 | 4 | 27 | 50 | 56 | 20 | 14 | 5 | 0 | 0 |
| 22 | 8 | 23 | 40 | 7 | 34 | 44 | 54 | 27 | 10 | 9 | 0 | 0 |
| 23 | 7 | 17 | 41 | 2 | 41 | 44 | 46 | 25 | 10 | 9 | 0 | 0 |
| 24 | 5 | 13 | 40 | 9 | 47 | 44 | 39 | 25 | 8 | 10 | 0 | 0 |
| 25 | 7 | 14 | 37 | 11 | 46 | 43 | 50 | 21 | 9 | 5 | 0 | 0 |
| 26 | 7 | 13 | 27 | 13 | 42 | 41 | 50 | 10 | 10 | 4 | 0 | 0 |
| 27 | 9 | 10 | 27 | 14 | 43 | 42 | 50 | 10 | 0 | 2 | 0 | 0 |
| 28 | 9 | 7 | 31 | 12 | 40 | 44 | 55 | 10 | 1 | 0 | 0 | 0 |
| 29 | 9 | 8 | 34 | 14 | 35 | 46 | 61 | 10 | 5 | 0 | 0 | 0 |
| 30 | 9 | - | 32 | 14 | 34 | 47 | 43 | 12 | 5 | 0 | 0 | 0 |
| 31 | 10 | - | 33 | - | 34 | - | 36 | 20 | - | 0 | - | 0 |
| TOTAL | 149 | 363 | 954 | 742 | 971 | 1,356 | 1,620 | 939 | 403 | 295 | 0 | 0 |
| MAXIMUM DAY | 20 | 24 | 52 | 48 | 47 | 69 | 62 | 56 | 27 | 22 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 5 | 0 | 13 | 32 | 36 | 10 | 0 | 0 | 0 | 0 |
| MEAN | 5 | 13 | 31 | 25 | 31 | 45 | 52 | 30 | 13 | 10 | 0 | 0 |
| TOTAL AC.FT. | 296 | 720 | 1,892 | 1,472 | 1,926 | 2,690 | 3,213 | 1,862 | 799 | 585 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 7,792 | MAXIMUM, | 69 | MINIMUM, | 0 | MEAN, | 21 | TOTAL AC.FT., | 15,455 | | |

KERN DELTA WATER DISTRICT
EASTSIDE CANAL SERVICE AREA

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------|-----|-----|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|--------|
| River Entitlement | 0 | 0 | 1,124 | 1,196 | 1,597 | 2,335 | 2,180 | 851 | 0 | 0 | 0 | 0 | 9,283 |
| Total River Diverted | 0 | 0 | 1,124 | 1,196 | 1,597 | 2,335 | 2,180 | 851 | 0 | 0 | 0 | 0 | 9,283 |
| State Exchange Diverted | 296 | 720 | 768 | 276 | 329 | 355 | 1,033 | 1,011 | 795 | 555 | 0 | 0 | 6,138 |
| Other Diverted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 30 | 0 | 0 | 34 |
| Total State/Other Div. | 296 | 720 | 768 | 276 | 329 | 355 | 1,033 | 1,011 | 799 | 585 | 0 | 0 | 6,172 |
| Eastside Canal at Head | 296 | 720 | 1,892 | 1,472 | 1,926 | 2,690 | 3,213 | 1,862 | 799 | 585 | 0 | 0 | 15,455 |
| Utility Deliveries | 0 | 0 | 742 | 762 | 1,029 | 1,834 | 1,648 | 580 | 0 | 0 | 0 | 0 | 6,595 |
| Contract Deliveries | 0 | 0 | 46 | 79 | 119 | 8 | 12 | 8 | 0 | 0 | 0 | 0 | 272 |
| Total Utility Deliveries | 0 | 0 | 788 | 841 | 1,148 | 1,842 | 1,660 | 588 | 0 | 0 | 0 | 0 | 6,867 |
| State Exchange Delivered | 122 | 530 | 585 | 285 | 329 | 355 | 1,033 | 882 | 530 | 388 | 0 | 0 | 5,039 |
| Other Deliveries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 30 | 0 | 0 | 34 |
| Total State/Other Del. | 122 | 530 | 585 | 285 | 329 | 355 | 1,033 | 882 | 534 | 418 | 0 | 0 | 5,073 |
| Total Deliveries | 122 | 530 | 1,373 | 1,126 | 1,477 | 2,197 | 2,693 | 1,470 | 534 | 418 | 0 | 0 | 11,940 |
| Canal Loss (Utility) | 0 | 0 | 336 | 355 | 449 | 493 | 520 | 263 | 0 | 0 | 0 | 0 | 2,416 |
| Canal Loss (State/Other) | 174 | 190 | 183 | (91) | 0 | 0 | 0 | 129 | 265 | 167 | 0 | 0 | 1,099 |
| Total Canal Loss | 174 | 190 | 519 | 346 | 449 | 493 | 520 | 392 | 265 | 167 | 0 | 0 | 3,515 |
| Delivery Percentage | 41% | 74% | 73% | 76% | 77% | 82% | 84% | 79% | 67% | 71% | 0% | 0% | 77% |

Year: 1988

Total Flow via the Buena Vista Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------------|--------------|------------|----------|-----------------------|-------|-------|-----|-----|-----|-----|-----|
| 1 | 0 | 40 | 69 | 0 | 0 | 0 | 132 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 43 | 70 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 42 | 59 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 43 | 54 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 48 | 48 | 0 | 0 | 0 | 118 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 67 | 55 | 0 | 0 | 0 | 115 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 81 | 54 | 0 | 0 | 70 | 101 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 46 | 50 | 29 | 0 | 91 | 86 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 35 | 0 | 31 | 0 | 78 | 79 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 81 | 0 | 33 | 0 | 89 | 81 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 92 | 0 | 23 | 7 | 109 | 81 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 91 | 0 | 0 | 28 | 120 | 78 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 89 | 0 | 0 | 29 | 129 | 78 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 91 | 0 | 0 | 32 | 125 | 84 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 93 | 0 | 0 | 31 | 134 | 96 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 98 | 0 | 0 | 17 | 141 | 99 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 116 | 0 | 0 | 0 | 152 | 99 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 117 | 0 | 7 | 0 | 151 | 106 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 113 | 0 | 31 | 0 | 146 | 120 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 114 | 0 | 30 | 0 | 133 | 123 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 102 | 0 | 30 | 0 | 117 | 125 | 0 | 0 | 0 | 0 | 0 |
| 22 | 15 | 95 | 0 | 30 | 0 | 116 | 122 | 0 | 0 | 0 | 0 | 0 |
| 23 | 39 | 101 | 0 | 30 | 0 | 117 | 122 | 0 | 0 | 0 | 0 | 0 |
| 24 | 39 | 109 | 0 | 30 | 0 | 97 | 119 | 0 | 0 | 0 | 0 | 0 |
| 25 | 30 | 108 | 0 | 24 | 0 | 82 | 106 | 0 | 0 | 0 | 0 | 0 |
| 26 | 29 | 98 | 0 | 20 | 0 | 73 | 84 | 0 | 0 | 0 | 0 | 0 |
| 27 | 29 | 97 | 0 | 20 | 0 | 80 | 3 | 0 | 0 | 0 | 0 | 0 |
| 28 | 37 | 95 | 0 | 14 | 0 | 87 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 34 | 79 | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 29 | - | 0 | 0 | 0 | 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 39 | - | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 320 | 2,424 | 459 | 382 | 144 | 2,674 | 2,719 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 39 | 117 | 70 | 33 | 32 | 152 | 132 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 10 | 84 | 15 | 13 | 5 | 89 | 86 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 635 | 4,808 | 910 | 758 | 286 | 5,304 | 5,393 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, 9,122 | MAXIMUM, 152 | MINIMUM, 0 | MEAN, 25 | TOTAL AC. FT., 18,094 | | | | | | | |

KERN DELTA WATER DISTRICT
BUENA VISTA CANAL SERVICE AREA

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|--------------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|
| River Entitlement | + 1,500 | 732 | 0 | 40 | 911 | 230 | 0 | 0 | 0 | 0 | 2 | 224 | 3,659 |
| Release | + or - (603) | 461 | 0 | 506 | (162) | (75) | 0 | 0 | 0 | 103 | 220 | 151 | 601 |
| Ent'l + or - Releases | = 897 | 1,213 | 0 | 546 | 749 | 155 | 0 | 0 | 0 | 103 | 222 | 375 | 4,260 |
| Into Storage | - 12 | 605 | 0 | 12 | 463 | 46 | 0 | 0 | 0 | 103 | 222 | 375 | 1,838 |
| From Storage | + 0 | 28 | 0 | 224 | 0 | 1,952 | 220 | 0 | 0 | 0 | 0 | 0 | 2,424 |
| Other Supply | + or - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carrier Canal Loss | - 250 | 207 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 457 |
| Diversified at Head | = 635 | 429 | 0 | 758 | 286 | 2,061 | 220 | 0 | 0 | 0 | 0 | 0 | 4,389 |
| Utility Deliveries | 213 | 299 | 0 | 145 | 59 | 1,629 | 181 | 0 | 0 | 0 | 0 | 0 | 2,526 |
| Contract Deliveries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Deliveries | - 213 | 299 | 0 | 145 | 59 | 1,629 | 181 | 0 | 0 | 0 | 0 | 0 | 2,526 |
| Conveyance Losses | = 422 | 130 | 0 | 613 | 227 | 432 | 39 | 0 | 0 | 0 | 0 | 0 | 1,863 |
| Delivery Percentage | 34% | 70% | 0% | 19% | 21% | 79% | 82% | 0% | 0% | 0% | 0% | 0% | 58% |
| Into Reservoir Storage | 12 | 605 | 0 | 12 | 463 | 46 | 0 | 0 | 0 | 103 | 222 | 375 | 1,838 |
| Reservoir Evaporation Loss | 12 | 18 | 40 | 40 | 56 | 46 | 2 | 0 | 0 | 2 | 4 | 4 | 224 |
| From Reservoir Storage | 0 | 28 | 0 | 224 | 0 | 1,952 | 220 | 0 | 0 | 0 | 0 | 0 | 2,424 |
| End of Month Reservoir Storage | 1,500 | 2,059 | 2,019 | 1,767 | 2,174 | 222 | 0 | 0 | 0 | 101 | 319 | 690 | |
| State Exchange Diverted | 0 | 2,604 | 706 | 0 | 0 | 1,178 | 2,694 | 0 | 0 | 0 | 0 | 0 | 7,182 |
| Other Diversions | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 438 | 0 | 0 | 0 | 0 | 642 |
| State Exch. Delivered | 0 | 2,113 | 492 | 0 | 0 | 911 | 2,120 | 0 | 0 | 0 | 0 | 0 | 5,636 |
| Other Delivered | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 438 | 0 | 0 | 0 | 0 | 642 |

Year: 1988

Total Flow via the Stine Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-----|----------|-------|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 4 | 96 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 27 | 82 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 36 | 63 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 10 | 60 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 35 | 50 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 111 | 44 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 135 | 34 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 145 | 26 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 135 | 25 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 155 | 13 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 152 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 149 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 149 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 126 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 125 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 2,434 | 1,374 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 155 | 142 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 81 | 44 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 4,828 | 2,725 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 3,808 | MAXIMUM, | 155 | MINIMUM, | 0 | MEAN, | 10 | TOTAL AC. FT., | 7,553 | | |

KERN DELTA WATER DISTRICT
STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|------------|-----|-----|------|-------|-------|-------|-----|-----|-----|-----|------|-------|
| River Entitlement | + 289 | 0 | 0 | 75 | 1,714 | 434 | 0 | 0 | 0 | 0 | 0 | 202 | 2,714 |
| Release | + or - 252 | 0 | 0 | (51) | (843) | (144) | 0 | 0 | 0 | 0 | 0 | (89) | (675) |
| Ent'l + or - Releases | = 541 | 0 | 0 | 24 | 871 | 290 | 0 | 0 | 0 | 0 | 0 | 113 | 1,839 |
| Into Storage | - 541 | 0 | 0 | 24 | 871 | 101 | 0 | 0 | 0 | 0 | 0 | 113 | 1,650 |
| From Storage | + 0 | 0 | 0 | 0 | 0 | 1,614 | 109 | 0 | 0 | 0 | 0 | 0 | 1,723 |
| Other Supply | + or - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carrier Canal Loss | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diversed at Head | = 0 | 0 | 0 | 0 | 0 | 1,803 | 109 | 0 | 0 | 0 | 0 | 0 | 1,912 |
| Utility Deliveries | 0 | 0 | 0 | 0 | 0 | 799 | 99 | 0 | 0 | 0 | 0 | 0 | 898 |
| Contract Deliveries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Deliveries | - 0 | 0 | 0 | 0 | 0 | 799 | 99 | 0 | 0 | 0 | 0 | 0 | 898 |
| Conveyance Losses | = 0 | 0 | 0 | 0 | 0 | 1,004 | 10 | 0 | 0 | 0 | 0 | 0 | 1,014 |
| Delivery Percentage | 0% | 0% | 0% | 0% | 0% | 44% | 91% | 0% | 0% | 0% | 0% | 0% | 47% |
| Into Reservoir Storage | 541 | 0 | 0 | 24 | 871 | 101 | 0 | 0 | 0 | 0 | 0 | 113 | 1,650 |
| Reservoir Evaporation Loss | 6 | 10 | 16 | 18 | 32 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 116 |
| From Reservoir Storage | 0 | 0 | 0 | 0 | 0 | 1,614 | 109 | 0 | 0 | 0 | 0 | 0 | 1,723 |
| End of Month Reservoir Storage | 837 | 827 | 811 | 817 | 1,656 | 109 | 0 | 0 | 0 | 0 | 0 | 113 | |
| State Exchange Diversed | 0 | 510 | 345 | 0 | 0 | 1,692 | 2,797 | 93 | 0 | 0 | 0 | 0 | 5,437 |
| Other Diversions | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Exch. Delivered | 0 | 463 | 222 | 0 | 0 | 756 | 1,737 | 37 | 0 | 0 | 0 | 0 | 3,215 |
| Other Delivered | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Kern Delta Water District/Improvement District No. 4
Instantaneous Kern River/State Water Exchange
(Delivered via Arvin-Edison Canal/Farmers Canal Pump Installation)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 382 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 758 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR-- | TOTAL, | 382 | MAXIMUM, | 30 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC. FT., | 758 | | |

KERN DELTA WATER DISTRICT
FARMERS CANAL SERVICE AREA

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|-----------|-----|-----|------|-------|-------|-------|-----|-----|-----|-----|-----|-------|
| River Entitlement | + 54 | 0 | 0 | 58 | 1,702 | 270 | 0 | 0 | 0 | 0 | 0 | 0 | 2,084 |
| Release | + or - 65 | 0 | 0 | (44) | (835) | (113) | 0 | 0 | 0 | 0 | 0 | 0 | (927) |
| Ent'l + or - Releases | = 119 | 0 | 0 | 14 | 867 | 157 | 0 | 0 | 0 | 0 | 0 | 0 | 1,157 |
| Into Storage | - 119 | 0 | 0 | 14 | 867 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 1,091 |
| From Storage | + 0 | 0 | 0 | 0 | 0 | 527 | 289 | 211 | 0 | 0 | 0 | 0 | 1,027 |
| Other Supply | + or - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carrier Canal Loss | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To Improvement District #4 | - 0 | 0 | 0 | 0 | 0 | 0 | 173 | 0 | 0 | 0 | 0 | 0 | 173 |
| Diverted at Head | = 0 | 0 | 0 | 0 | 0 | 593 | 116 | 211 | 0 | 0 | 0 | 0 | 920 |
| From Improvement District #4 | + 0 | 0 | 0 | 0 | 0 | 0 | 173 | 0 | 0 | 0 | 0 | 0 | 173 |
| Total Utility Supply | = 0 | 0 | 0 | 0 | 0 | 593 | 289 | 211 | 0 | 0 | 0 | 0 | 1,093 |
| Utility Deliveries | 0 | 0 | 0 | 0 | 0 | 481 | 194 | 160 | 0 | 0 | 0 | 0 | 835 |
| Contract Deliveries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Deliveries | - 0 | 0 | 0 | 0 | 0 | 481 | 194 | 160 | 0 | 0 | 0 | 0 | 835 |
| Conveyance Losses | = 0 | 0 | 0 | 0 | 0 | 112 | 95 | 51 | 0 | 0 | 0 | 0 | 258 |
| Delivery Percentage | 0% | 0% | 0% | 0% | 0% | 81% | 67% | 76% | 0% | 0% | 0% | 0% | 76% |
| Into Reservoir Storage | 0 | 119 | 0 | 14 | 867 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 1,091 |
| Reservoir Evaporation Loss | 0 | 0 | 2 | 2 | 12 | 28 | 20 | 4 | 0 | 0 | 0 | 0 | 70 |
| From Reservoir Storage | 0 | 0 | 0 | 0 | 0 | 527 | 289 | 211 | 0 | 0 | 0 | 0 | 1,027 |
| End of Month Reservoir Storage | 125 | 123 | 121 | 133 | 988 | 524 | 215 | 0 | 0 | 0 | 0 | 0 | |
| State Exchange Diverted | 0 | 0 | 490 | 938 | 0 | 675 | 1,305 | 278 | 0 | 0 | 0 | 0 | 3,686 |
| Other Diversions | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Exch. Delivered | 0 | 0 | 306 | 645 | 0 | 537 | 929 | 193 | 0 | 0 | 0 | 0 | 2,610 |
| Other Delivered | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Kern Delta Water District Diversions
via First Point Conduit (River Canal)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 251 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 251 | MAXIMUM, | 22 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC.FT., | 498 | | |

Year: 1988

KERN DELTA WATER DISTRICT
State Aqueduct Exchange Diversion and Storage Recapitulation

Quantities in acre-feet

| | Kern Island | Eastside | via K. I. | Eastside | Buena Vista | Stine | Farmers | Loss | Resv. | Other | Total | Storage Balance |
|-----------------|-------------|------------|--------------|--------------|-------------|--------------|----------|----------|----------|----------|--------------|-----------------|
| November | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4,503 |
| December | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 4,360 |
| 1987 January | 196 | 0 | 296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 492 | 3,868 |
| February | 258 | 222 | 720 | 2,604 | 510 | 490 | 0 | 0 | 0 | 0 | 4,804 | 1) 3,064 |
| March | 155 | 383 | 537 | 706 | 345 | 938 | 0 | 0 | 0 | 0 | 3,064 | 0 |
| Total | 609 | 605 | 1,726 | 3,310 | 855 | 1,428 | 0 | 0 | 0 | 0 | 8,533 | |

Notes: 1) Reflects 4,000 acre-feet of additional 1987 State Contract water allocation.

2) 1988 Contract amount = 22,900 acre-feet.

| | | | | | | | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|---------------|--------|
| March | 161 | 440 | 231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 832 | 22,068 |
| April | 96 | 352 | 276 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 724 | 21,344 |
| May | 4 | 409 | 329 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 742 | 20,602 |
| June | 131 | 533 | 355 | 1,178 | 1,692 | 675 | 0 | 0 | 0 | 0 | 4,564 | 16,038 |
| July | 369 | 680 | 1,033 | 2,694 | 2,797 | 1,305 | 0 | 0 | 0 | 0 | 8,878 | 7,160 |
| 1988 Contract August | 2,825 | 783 | 1,011 | 0 | 93 | 278 | 0 | 0 | 0 | 0 | 4,990 | 2,170 |
| September | 0 | 32 | 795 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 1,343 |
| October | 0 | 0 | 555 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 555 | 788 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 788 |
| Total | 3,586 | 3,229 | 4,585 | 3,872 | 4,582 | 2,258 | 0 | 0 | 0 | 0 | 22,112 | |

| | | | | | | | | | | | | |
|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1988 November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 788 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 788 |
| Carry Over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 |

CITY OF BAKERSFIELD

**KERN RIVER CHANNEL OPERATIONS
CITY OF BAKERSFIELD**

Quantities in acre-feet

Year: 1988

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|---------|
| + Kern River at First Point | 20,793 | 26,906 | 35,036 | 33,769 | 31,815 | 50,995 | 60,458 | 28,346 | 13,529 | 9,025 | 10,318 | 14,483 | 335,473 |
| - Computed Loss | 676 | 633 | 676 | 655 | 676 | 655 | 676 | 676 | 655 | 676 | 655 | 676 | 7,985 |
| - Beardsley Canal at Head | 2,670 | 7,006 | 11,891 | 14,464 | 13,585 | 14,235 | 21,158 | 8,284 | 1,265 | 75 | 2,398 | 2,456 | 99,487 |
| - Carrier Canal at Head | 10,374 | 17,766 | 22,469 | 18,650 | 17,554 | 36,105 | 38,624 | 19,386 | 11,609 | 7,279 | 0 | 627 | 200,443 |
| = Rocky Point Weir | 7,073 | 1,501 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 995 | 7,265 | 10,724 | 27,558 |
| + Carrier Waste Gate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 50 | 74 |
| + Farmers-Stine-Anderson: to River | 0 | 0 | 2,392 | 2,469 | 2,971 | 0 | 3,146 | 4,949 | 4,524 | 2,588 | 0 | 0 | 23,039 |
| - Farmers-Stine-Anderson: from River | 871 | 821 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 914 | 1,985 | 4,551 |
| - Calloway Canal at Head | 1,623 | 492 | 1,924 | 1,805 | 2,162 | 0 | 2,499 | 3,681 | 3,338 | 2,174 | 4,223 | 2,485 | 26,406 |
| - River Loss: Rocky Pt. to Cally. Weir | 569 | 132 | 468 | 664 | 809 | 0 | 647 | 1,268 | 1,186 | 1,433 | 1,097 | 1,163 | 9,436 |
| = Calloway River Weir | 4,010 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,031 | 5,141 | 10,238 |
| + CVC T.O. #4 to River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 | 176 | 0 | 0 | 396 |
| + CVC T.O. #3 to River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 162 | 0 | 0 | 0 | 187 |
| + Friant-Kern Inflow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 1,289 | 1,677 |
| - River Canal from River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - River Loss: Cally. Weir to River Canal Weir | 2,876 | 56 | 0 | 0 | 0 | 0 | 0 | 25 | 382 | 176 | 1,187 | 5,309 | 10,011 |
| = River Canal Weir | 1,134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1,121 | 2,487 |
| + Pioneer Turnout | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 214 |
| + CVC T.O. #2 to River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - Rosedale Channel at Head | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 345 |
| - Pioneer Canal at Head | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - River Loss: River Canal to Stockdale Hwy. | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1,317 | 2,199 |
| = Flow at Stockdale Highway | 157 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157 |
| - River Loss: Std. Hwy. to Berrenda Mesa T.O. | 157 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157 |
| - Berrenda Mesa Turnout from River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + CVC T.O. #1 to River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + Pioneer Canal (P-1 Lateral) to 2800 Acres | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - Pioneer Canal (P-1 Lateral) from 2800 Acres | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + River Canal T.O. to 2800 Acres | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - 2800 Acre Recharge Facility | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = River Channel below 2800 Acres | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CARRIER CANAL OPERATIONS
CITY OF BAKERSFIELD

Year: 1988

Quantities in acre-feet

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-----|-------|---------|
| + Carrier Canal at Head | 10,374 | 17,766 | 22,469 | 18,650 | 17,554 | 36,105 | 38,624 | 19,386 | 11,609 | 7,279 | 0 | 627 | 200,443 |
| - Carrier Waste Gate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 74 |
| + Oilfield Discharges (Chevron + Texaco) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = Carrier Reclamation Weir | 10,374 | 17,766 | 22,469 | 18,650 | 17,554 | 36,105 | 38,624 | 19,386 | 11,609 | 7,255 | 0 | 577 | 200,369 |
| + Oilfield Discharges (Tenneco Oil) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + Storm Drain Inflow/Canal Drainage | 16 | 0 | 16 | 69 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 133 |
| - Eastside Canal at Head | 296 | 720 | 1,892 | 1,472 | 1,926 | 2,690 | 3,213 | 1,862 | 799 | 585 | 0 | 0 | 15,455 |
| - Kern Island Canal at Head | 9,229 | 9,735 | 16,949 | 8,906 | 10,455 | 22,084 | 20,864 | 12,575 | 6,286 | 4,114 | 0 | 430 | 121,627 |
| = Levee No. 1 | 865 | 7,311 | 3,644 | 8,341 | 5,173 | 11,331 | 14,547 | 4,949 | 4,524 | 2,588 | 0 | 147 | 63,420 |
| - Farmers-Stine-Anderson: to River | 0 | 0 | 2,392 | 2,469 | 2,971 | 0 | 3,146 | 4,949 | 4,524 | 2,588 | 0 | 0 | 23,039 |
| + Farmers-Stine-Anderson: from River | 871 | 821 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 914 | 1,985 | 4,591 |
| = Carrier Canal at Oak Street | 1,736 | 8,132 | 1,252 | 5,872 | 2,202 | 11,331 | 11,401 | 0 | 0 | 0 | 914 | 2,132 | 44,972 |
| - Stine Canal at Head | 0 | 0 | 0 | 0 | 0 | 4,828 | 2,725 | 0 | 0 | 0 | 0 | 0 | 7,553 |
| - Truxtun Lakes | 476 | 61 | 109 | 301 | 0 | 0 | 0 | 0 | 0 | 0 | 480 | 1,220 | 2,647 |
| - Arvin-Edison Turnout | 0 | 0 | 0 | 2,247 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,495 |
| - Total Carrier Canal Loss | 607 | 938 | 233 | 807 | 522 | 1,199 | 1,032 | 0 | 0 | 0 | 434 | 716 | 6,488 |
| + River Canal from River | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = River Canal at Stockdale Highway | 653 | 7,133 | 910 | 2,517 | 1,432 | 5,304 | 7,644 | 0 | 0 | 0 | 0 | 196 | 25,789 |
| - Buena Vista Canal at Head | 635 | 4,808 | 910 | 758 | 286 | 5,304 | 5,393 | 0 | 0 | 0 | 0 | 0 | 18,094 |
| - Pioneer Turnout | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 214 |
| - James Canal at Head | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = River Canal at Alternate Second Point | 0 | 2,325 | 0 | 1,759 | 1,146 | 0 | 2,251 | 0 | 0 | 0 | 0 | 0 | 7,481 |
| + 2800 Acre Well Production | 0 | 511 | 0 | 0 | 0 | 0 | 1,219 | 1,988 | 0 | 0 | 0 | 0 | 3,718 |
| - River Canal Turnout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - Kern Delta WD via River Canal | 0 | 498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 498 |
| = Second Point Group Flow via River Canal | 0 | 2,338 | 0 | 1,759 | 1,146 | 0 | 3,470 | 1,988 | 0 | 0 | 0 | 0 | 10,701 |

MONTHLY SUMMARY OF ENTITLEMENT, EXCHANGES, DIVERSIONS, DELIVERIES, LOSSES & SALES
CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------------------------|----------|-------|-------|--------|--------|--------|--------|-------|-----|-------|-------|-------|--------|
| River Entitlement | + 859 | 672 | 7,962 | 13,601 | 16,090 | 14,709 | 1,681 | 123 | 0 | 0 | 26 | 99 | 55,822 |
| Release | + 371 | 96 | 24 | 919 | 994 | 168 | 0 | 160 | 238 | 1,063 | 1,164 | 1,151 | 6,348 |
| ENTITLEMENT + OR - RELEASES | = 1,230 | 768 | 7,986 | 14,520 | 17,084 | 14,877 | 1,681 | 283 | 238 | 1,063 | 1,190 | 1,250 | 62,170 |
| NKMSD to City | + 476 | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 37 | 1,257 | 5,504 | 1,013 | 8,379 |
| From Reservoir Storage | + 0 | 188 | 629 | 44 | 1 | 6,986 | 8,814 | 2,265 | 461 | 73 | 0 | 0 | 19,461 |
| Into Reservoir Storage | - 2 | 331 | 2,245 | 3,375 | 0 | 10,165 | 294 | 4 | 0 | 0 | 227 | 430 | 17,073 |
| Other | + or - 0 | 0 | 0 | 31 | 0 | 0 | 799 | 640 | 0 | 12 | 0 | 244 | 1,726 |
| TOTAL SUPPLY | = 1,704 | 625 | 6,370 | 11,220 | 17,085 | 11,698 | 11,000 | 3,276 | 736 | 2,405 | 6,467 | 2,077 | 74,663 |
| Lake Ming | 16 | 16 | 44 | 60 | 77 | 105 | 127 | 121 | 91 | 65 | 42 | 26 | 790 |
| North Kern MSO | 131 | 0 | 253 | 2,093 | 7,143 | 7,500 | 4,634 | 0 | 0 | 123 | 0 | 0 | 21,877 |
| Camelo WD | 0 | 0 | 2,700 | 2,849 | 4,417 | 1,354 | 2,205 | 1,206 | 0 | 10 | 373 | 0 | 15,114 |
| Kern-Tulare WD | 0 | 0 | 2,161 | 4,283 | 3,969 | 0 | 900 | 450 | 0 | 0 | 0 | 0 | 11,763 |
| Rag Gulch WD | 0 | 0 | 324 | 643 | 595 | 0 | 135 | 67 | 0 | 0 | 0 | 0 | 1,764 |
| Rosedale RBMSD (Direct) | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 345 |
| Rosedale RBMSD (via I.D. #4) | 1,214 | 323 | 0 | 0 | 0 | 0 | 0 | 0 | 476 | 1,061 | 5,736 | 1,038 | 9,848 |
| James-Pioneer ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rosedale Ranch ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern River Canal & Irrigating Co. | 0 | 146 | 657 | 466 | 391 | 1,540 | 1,967 | 1,433 | 170 | 0 | 317 | 0 | 7,087 |
| Truxtun Lakes (Direct) | 0 | 0 | 0 | 232 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232 |
| Truxtun Lakes (via I.D. #4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,144 | 0 | 1,011 | 2,155 |
| 2800 Acre Banking | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| River and Carrier Canal Loss | (2) | 140 | 231 | 594 | 493 | 1,199 | 1,032 | (1) | (1) | 2 | (1) | 2 | 3,688 |
| TOTAL DIVERTED | = 1,704 | 625 | 6,370 | 11,220 | 17,085 | 11,698 | 11,000 | 3,276 | 736 | 2,405 | 6,467 | 2,077 | 74,663 |
| Into Reservoir Storage | 2 | 331 | 2,245 | 3,375 | 0 | 10,165 | 294 | 4 | 0 | 0 | 227 | 430 | 17,073 |
| Reservoir Evaporation Loss | 48 | 60 | 130 | 198 | 306 | 289 | 365 | 160 | 76 | 43 | 22 | 20 | 1,717 |
| From Reservoir Storage | 0 | 188 | 629 | 44 | 1 | 6,986 | 8,814 | 2,265 | 461 | 73 | 0 | 0 | 19,461 |
| End of Month Reservoir Storage | 5,374 | 5,457 | 6,943 | 10,076 | 9,769 | 12,659 | 3,774 | 1,353 | 816 | 700 | 905 | 1,315 | ===== |

CITY OF BAKERSFIELD
STATUS OF LONG TERM CONTRACTS

Quantities in
acre-feet

NORTH KERN WATER STORAGE DISTRICT

| Year | Basic Contract Amount | | Cumulative Contract Delivered | | Basic Contract Balance | |
|------|-----------------------|-----------|-------------------------------|-----------|------------------------|---------|
| | Amount | Delivered | Amount | Delivered | Contract | Balance |
| 1977 | 20,000 | 20,000 | 20,000 | 20,000 | 0 | 0 |
| 1978 | 20,000 | 40,000 | 20,000 | 40,000 | 0 | 0 |
| 1979 | 20,000 | 60,000 | 20,000 | 60,000 | 0 | 0 |
| 1980 | 20,000 | 80,000 | 20,000 | 80,000 | 0 | 0 |
| 1981 | 20,000 | 100,000 | 20,000 | 100,000 | 0 | 0 |
| 1982 | 20,000 | 120,000 | 20,000 | 120,000 | 0 | 0 |
| 1983 | 20,000 | 140,000 | 20,000 | 140,000 | 0 | 0 |
| 1984 | 20,000 | 160,000 | 20,000 | 160,000 | 0 | 0 |
| 1985 | 20,000 | 180,000 | 20,000 | 180,000 | 0 | 0 |
| 1986 | 20,000 | 200,000 | 20,000 | 200,000 | 0 | 0 |
| 1987 | 20,000 | 220,000 | 20,000 | 220,000 | 0 | 0 |
| 1988 | 20,000 | 240,000 | 20,000 | 240,000 | 0 | 0 |

CAMELO WATER DISTRICT

| Year | Basic Contract Amount | | Cumulative Contract Delivered | | Basic Contract Balance | |
|------|-----------------------|-----------|-------------------------------|-----------|------------------------|----------|
| | Amount | Delivered | Amount | Delivered | Contract | Balance |
| 1977 | 27,000 | 27,000 | 5,024 | 5,024 | (21,976) | (21,976) |
| 1978 | 27,000 | 54,000 | 35,404 | 40,428 | (13,572) | (13,572) |
| 1979 | 27,000 | 81,000 | 36,780 | 77,208 | (3,792) | (3,792) |
| 1980 | 27,000 | 108,000 | 30,792 | 108,000 | 0 | 0 |
| 1981 | 27,000 | 135,000 | 27,000 | 135,000 | 0 | 0 |
| 1982 | 27,000 | 162,000 | 27,000 | 162,000 | 0 | 0 |
| 1983 | 27,000 | 189,000 | 27,000 | 189,000 | 0 | 0 |
| 1984 | 27,000 | 216,000 | 27,000 | 216,000 | 0 | 0 |
| 1985 | 27,000 | 243,000 | 27,000 | 243,000 | 0 | 0 |
| 1986 | 27,000 | 270,000 | 27,000 | 270,000 | 0 | 0 |
| 1987 | 27,000 | 297,000 | 27,000 | 297,000 | 0 | 0 |
| 1988 | 27,000 | 324,000 | 12,821 | 309,821 | (14,179) | (14,179) |

KERN-TULARE WATER DISTRICT

| Year | Basic Contract Amount | | Cumulative Contract Delivered | | Basic Contract Balance | |
|------|-----------------------|-----------|-------------------------------|-----------|------------------------|----------|
| | Amount | Delivered | Amount | Delivered | Contract | Balance |
| 1977 | 20,000 | 20,000 | 4,673 | 4,673 | (15,327) | (15,327) |
| 1978 | 20,000 | 40,000 | 23,650 | 28,363 | (11,637) | (11,637) |
| 1979 | 20,000 | 60,000 | 24,122 | 52,485 | (7,515) | (7,515) |
| 1980 | 20,000 | 80,000 | 23,403 | 75,888 | (4,112) | (4,112) |
| 1981 | 20,000 | 100,000 | 23,700 | 99,588 | (412) | (412) |
| 1982 | 20,000 | 120,000 | 20,412 | 120,000 | 0 | 0 |
| 1983 | 20,000 | 140,000 | 20,000 | 140,000 | 0 | 0 |
| 1984 | 20,000 | 160,000 | 20,000 | 160,000 | 0 | 0 |
| 1985 | 20,000 | 180,000 | 20,000 | 180,000 | 0 | 0 |
| 1986 | 20,000 | 200,000 | 20,000 | 200,000 | 0 | 0 |
| 1987 | 20,000 | 220,000 | 20,000 | 220,000 | 0 | 0 |
| 1988 | 20,000 | 240,000 | 11,763 | 231,763 | (8,237) | (8,237) |

RAB GULCH WATER DISTRICT

| Year | Basic Contract Amount | | Cumulative Contract Delivered | | Basic Contract Balance | |
|------|-----------------------|-----------|-------------------------------|-----------|------------------------|---------|
| | Amount | Delivered | Amount | Delivered | Contract | Balance |
| 1977 | 3,000 | 3,000 | 449 | 449 | (2,551) | (2,551) |
| 1978 | 3,000 | 6,000 | 3,550 | 3,999 | (2,001) | (2,001) |
| 1979 | 3,000 | 9,000 | 3,550 | 7,549 | (1,451) | (1,451) |
| 1980 | 3,000 | 12,000 | 3,550 | 11,099 | (901) | (901) |
| 1981 | 3,000 | 15,000 | 3,550 | 14,649 | (351) | (351) |
| 1982 | 3,000 | 18,000 | 3,351 | 18,000 | 0 | 0 |
| 1983 | 3,000 | 21,000 | 3,000 | 21,000 | 0 | 0 |
| 1984 | 3,000 | 24,000 | 3,000 | 24,000 | 0 | 0 |
| 1985 | 3,000 | 27,000 | 3,000 | 27,000 | 0 | 0 |
| 1986 | 3,000 | 30,000 | 3,000 | 30,000 | 0 | 0 |
| 1987 | 3,000 | 33,000 | 3,000 | 33,000 | 0 | 0 |
| 1988 | 3,000 | 36,000 | 1,764 | 34,764 | (1,236) | (1,236) |

CITY OF BANERSFIELD
Deliveries to Long Term Contractors

Basic Contract

Year: 1988

Quantities in acre-feet

| | NORTH KERN | | CAMELO | | KERN-TULARE | | RAG GULCH | | MONTH | |
|------------|------------|--------|--------|--------|-------------|--------|-----------|--------|--------|--------|
| | WSD | MD | WSD | MD | WSD | MD | WSD | MD | TOTALS | TOTALS |
| | Basic | Accum. | Basic | Accum. | Basic | Accum. | Basic | Accum. | Basic | Accum. |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 253 | 2,700 | 2,700 | 2,700 | 2,161 | 2,161 | 324 | 324 | 5,438 | 5,438 |
| April | 752 | 1,005 | 2,849 | 5,549 | 4,283 | 6,444 | 643 | 967 | 8,527 | 13,965 |
| May | 6,861 | 7,866 | 4,417 | 9,966 | 3,969 | 10,413 | 595 | 1,562 | 15,842 | 29,807 |
| June | 7,500 | 15,366 | 843 | 10,809 | 0 | 10,413 | 0 | 1,562 | 8,343 | 38,150 |
| July | 4,634 | 20,000 | 1,406 | 12,215 | 900 | 11,313 | 135 | 1,697 | 7,075 | 45,225 |
| August | 0 | 20,000 | 606 | 12,821 | 450 | 11,763 | 67 | 1,764 | 1,123 | 46,348 |
| September | 0 | 20,000 | 0 | 12,821 | 0 | 11,763 | 0 | 1,764 | 0 | 46,348 |
| October | 0 | 20,000 | 0 | 12,821 | 0 | 11,763 | 0 | 1,764 | 0 | 46,348 |
| November | 0 | 20,000 | 0 | 12,821 | 0 | 11,763 | 0 | 1,764 | 0 | 46,348 |
| December | 0 | 20,000 | 0 | 12,821 | 0 | 11,763 | 0 | 1,764 | 0 | 46,348 |
| Year Total | 20,000 | | 12,821 | | 11,763 | | 1,764 | | 46,348 | |

CAMELO WATER DISTRICT DIVERSION SUMMARY

Year: 1988

Quantities in acre-feet

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|----------------------------------|-----|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|
| + Camelo WD via Pump Station "B" | 222 | 3,776 | 5,639 | 3,960 | 7,652 | 9,180 | 12,601 | 11,072 | 6,861 | 5,474 | 1,710 | 1,230 | 69,377 |
| Lerdo Delivery Gate No. 8-0-10 | 0 | 20 | 359 | 0 | 0 | 339 | 450 | 65 | 212 | 40 | 0 | 0 | 1,485 |
| Lerdo Delivery Gate No. 8-0-22 | 0 | 65 | 93 | 115 | 141 | 169 | 210 | 177 | 170 | 25 | 0 | 0 | 1,165 |
| Lerdo Delivery Gate No. 8-0-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 71 | 0 | 0 | 0 | 1,198 |
| Lerdo Delivery Gate No. 8-0-291 | 0 | 28 | 87 | 83 | 119 | 49 | 52 | 71 | 56 | 24 | 0 | 0 | 569 |
| Lerdo Delivery Gate No. 8-0-292 | 0 | 0 | 8 | 22 | 30 | 46 | 46 | 24 | 30 | 16 | 0 | 0 | 244 |
| + Total Lerdo Gate Deliveries | 0 | 121 | 561 | 220 | 290 | 603 | 758 | 464 | 539 | 105 | 0 | 0 | 3,661 |
| Beardsley Canal Loss | 14 | 58 | 61 | 60 | 61 | 60 | 716 | 61 | 60 | 61 | 56 | 48 | 661 |
| Lerdo Loss | 2 | 40 | 64 | 44 | 83 | 100 | 137 | 119 | 77 | 56 | 17 | 12 | 751 |
| + Total Loss | 16 | 98 | 125 | 104 | 144 | 160 | 198 | 180 | 137 | 117 | 73 | 60 | 1,412 |
| = Total Diverted for Camelo WD | 238 | 3,996 | 6,325 | 4,284 | 8,086 | 9,943 | 13,557 | 11,716 | 7,537 | 5,696 | 1,783 | 1,290 | 74,450 |

Camelo Water District Source of Supply:

| | | | | | | | | | | | | | |
|--|-----|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|
| City of Bakersfield Basic Contract | 0 | 0 | 1,985 | 2,508 | 2,178 | 18 | 896 | 167 | 0 | 0 | 0 | 0 | 7,752 |
| City of Bakersfield Oilfield Disch. | 30 | 42 | 0 | 61 | 6 | 0 | 0 | 0 | 107 | 157 | 97 | 242 | 742 |
| City of Bakersfield 2800 Acre Well Exch. | 0 | 0 | 0 | 0 | 0 | 473 | 799 | 289 | 0 | 0 | 0 | 0 | 1,561 |
| City of Bakersfield (KRC&I Co. Exch.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 373 | 0 | 383 |
| Buena Vista MSD Exchange | 0 | 0 | 228 | 829 | 1,422 | 237 | 713 | 196 | 103 | 0 | 0 | 0 | 3,728 |
| North Kern MSD Exchange | 0 | 0 | 0 | 462 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 462 |
| K-TMD/RGMD Exchange | 0 | 0 | 0 | 0 | 315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 315 |
| ID #4 Exchange Payback | 0 | 0 | 0 | 0 | 0 | 0 | 716 | 936 | 722 | 706 | 383 | 1,048 | 1,431 |
| Camelo WD Oilfield Discharge (Texaco) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,080 |
| via CVC Conduit "A" | 208 | 3,953 | 4,112 | 424 | 4,165 | 9,215 | 10,433 | 10,128 | 6,605 | 4,823 | 930 | 0 | 54,996 |
| Total Camelo Water District Supply | 238 | 3,996 | 6,325 | 4,284 | 8,086 | 9,943 | 13,557 | 11,716 | 7,537 | 5,696 | 1,783 | 1,290 | 74,450 |

Camelo Water District/North Kern MSD State/Kern River Exchange:

| | | | | | | | | | | | | | |
|--------------------------------------|---|---|-------|-----|-------|-------|-----|-----|---|---|---|---|-------|
| NKMSD to Camelo WD (at Tupman) | 0 | 0 | 1,349 | 343 | 4,129 | 1,205 | 922 | 311 | 0 | 0 | 0 | 0 | 8,259 |
| Camelo WD to NKMSD (Basic Contract) | 0 | 0 | 715 | 341 | 2,239 | 825 | 510 | 0 | 0 | 0 | 0 | 0 | 4,630 |
| Camelo WD to NKMSD (2800 Well Exch.) | 0 | 0 | 0 | 0 | 0 | 38 | 311 | 0 | 0 | 0 | 0 | 0 | 349 |
| Camelo WD to NKMSD (BVMSD Exchange) | 0 | 0 | 634 | 2 | 890 | 342 | 412 | 0 | 0 | 0 | 0 | 0 | 2,280 |
| Camelo WD to NKMSD (K-T/R6 Exchange) | 0 | 0 | 0 | 0 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |

Camelo Water District Exchange Payback to NKMSD:

| | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|-----|---|---|---|---|-----|
| CWD to NKMSD (via Beardsley Headgate) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 507 | 0 | 0 | 0 | 0 | 507 |
| Camelo WD to NKMSD (Basic Contract) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 | 0 | 0 | 0 | 0 | 285 |
| Camelo WD to NKMSD (BVMSD Exchange) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 222 | 0 | 0 | 0 | 0 | 222 |

Camelo Water District/Improvement District #4 Exchange:

| | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|-----|-----|---|---|---|-------|
| ID #4 to Camelo WD (via Conduit "A") | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 658 | 350 | 0 | 0 | 0 | 1,008 |
| Camelo WD to ID #4 (Basic Contract) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154 | 0 | 0 | 0 | 0 | 154 |
| Camelo WD to ID #4 (BVMSD Exchange) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 504 | 350 | 0 | 0 | 0 | 854 |

Camelo Water District Supply Recapitulation:

| | | | | | | | | | | | | | |
|--|---|---|-------|-------|-------|-----|-------|-----|-----|---|---|---|--------|
| City of Bakersfield Basic Contract | 0 | 0 | 2,700 | 2,849 | 4,417 | 843 | 1,406 | 606 | 0 | 0 | 0 | 0 | 12,821 |
| City of Bakersfield 2800 Acre Well Exch. | 0 | 0 | 0 | 0 | 0 | 511 | 799 | 600 | 0 | 0 | 0 | 0 | 1,910 |
| Buena Vista MSD Exchange | 0 | 0 | 862 | 831 | 2,312 | 579 | 1,125 | 922 | 453 | 0 | 0 | 0 | 7,084 |
| K-TMD/RGMD Exchange | 0 | 0 | 0 | 0 | 1,315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,315 |

DISCHARGE IN CUBIC FEET PER SECOND Camelo Mater District Total from Beardsley-Lerdo Canal System Year: 1988

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|-------|----------|-------|--------|--------|----------------|--------|-------|-------|
| 1 | 0 | 17 | 72 | 78 | 33 | 180 | 232 | 218 | 195 | 106 | 71 | 0 |
| 2 | 0 | 17 | 54 | 68 | 52 | 149 | 219 | 228 | 203 | 106 | 52 | 0 |
| 3 | 0 | 17 | 55 | 69 | 92 | 144 | 193 | 222 | 172 | 117 | 52 | 0 |
| 4 | 0 | 17 | 51 | 149 | 93 | 143 | 195 | 223 | 165 | 131 | 38 | 0 |
| 5 | 0 | 33 | 50 | 86 | 107 | 141 | 227 | 222 | 173 | 127 | 38 | 0 |
| 6 | 0 | 31 | 38 | 87 | 108 | 148 | 234 | 213 | 203 | 126 | 39 | 0 |
| 7 | 0 | 31 | 87 | 86 | 107 | 149 | 230 | 201 | 202 | 125 | 38 | 17 |
| 8 | 0 | 32 | 88 | 87 | 105 | 183 | 204 | 210 | 178 | 120 | 17 | 17 |
| 9 | 0 | 68 | 86 | 86 | 108 | 179 | 205 | 211 | 175 | 120 | 17 | 17 |
| 10 | 0 | 68 | 86 | 84 | 107 | 178 | 217 | 191 | 135 | 120 | 34 | 17 |
| 11 | 0 | 70 | 102 | 87 | 93 | 181 | 222 | 191 | 133 | 92 | 33 | 17 |
| 12 | 0 | 50 | 101 | 101 | 97 | 181 | 221 | 176 | 133 | 92 | 33 | 17 |
| 13 | 0 | 49 | 90 | 110 | 132 | 175 | 222 | 173 | 99 | 90 | 34 | 18 |
| 14 | 0 | 50 | 98 | 109 | 130 | 152 | 227 | 171 | 97 | 91 | 33 | 37 |
| 15 | 0 | 69 | 98 | 136 | 129 | 157 | 212 | 172 | 97 | 91 | 33 | 53 |
| 16 | 17 | 68 | 98 | 130 | 135 | 158 | 210 | 161 | 97 | 90 | 33 | 54 |
| 17 | 17 | 124 | 108 | 128 | 166 | 157 | 209 | 165 | 90 | 90 | 34 | 53 |
| 18 | 17 | 120 | 109 | 125 | 161 | 153 | 234 | 165 | 90 | 75 | 33 | 54 |
| 19 | 0 | 104 | 108 | 84 | 159 | 147 | 228 | 182 | 90 | 78 | 34 | 54 |
| 20 | 0 | 106 | 101 | 17 | 166 | 154 | 231 | 183 | 90 | 53 | 33 | 53 |
| 21 | 0 | 104 | 117 | 17 | 160 | 182 | 231 | 180 | 90 | 51 | 33 | 17 |
| 22 | 0 | 105 | 140 | 18 | 158 | 186 | 234 | 181 | 91 | 52 | 34 | 17 |
| 23 | 0 | 94 | 156 | 17 | 163 | 171 | 227 | 214 | 90 | 51 | 17 | 18 |
| 24 | 0 | 94 | 154 | 17 | 160 | 172 | 211 | 209 | 91 | 51 | 17 | 17 |
| 25 | 0 | 93 | 156 | 21 | 160 | 167 | 226 | 187 | 90 | 72 | 17 | 17 |
| 26 | 17 | 83 | 155 | 19 | 167 | 156 | 234 | 185 | 90 | 74 | 17 | 17 |
| 27 | 17 | 83 | 152 | 37 | 166 | 167 | 222 | 172 | 103 | 73 | 18 | 17 |
| 28 | 17 | 80 | 154 | 36 | 168 | 199 | 218 | 170 | 104 | 102 | 17 | 17 |
| 29 | 18 | 137 | 143 | 36 | 164 | 198 | 228 | 178 | 117 | 102 | 0 | 17 |
| 30 | 0 | - | 108 | 35 | 168 | 206 | 227 | 182 | 117 | 102 | 0 | 18 |
| 31 | 0 | - | 74 | - | 163 | - | 205 | 171 | - | 102 | - | 0 |
| TOTAL | 120 | 2,014 | 3,189 | 2,160 | 4,077 | 5,013 | 6,835 | 5,907 | 3,800 | 3,771 | 899 | 650 |
| MAXIMUM DAY | 18 | 137 | 156 | 149 | 168 | 206 | 234 | 228 | 203 | 131 | 71 | 54 |
| MINIMUM DAY | 0 | 17 | 38 | 17 | 33 | 141 | 193 | 161 | 90 | 0 | 0 | 0 |
| MEAN | 4 | 69 | 103 | 72 | 132 | 167 | 220 | 191 | 127 | 122 | 30 | 21 |
| TOTAL AC. FT. | 238 | 3,995 | 6,325 | 4,284 | 8,086 | 9,943 | 13,557 | 11,716 | 7,537 | 5,696 | 1,783 | 1,290 |
| WHOLE YEAR:- | TOTAL, | 38,435 | MAXIMUM, | 234 | MINIMUM, | 0 | MEAN, | 105 | TOTAL AC. FT., | 74,450 | | |

City of Bakersfield Diverted to Camelo Water District
(Basic Contract) Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-------|----------|-----|-------|-----|----------------|--------|-----|-----|
| 1 | 0 | 0 | 30 | 58 | 30 | 129 | 77 | 46 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 28 | 59 | 52 | 87 | 64 | 56 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 30 | 59 | 92 | 85 | 30 | 50 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 32 | 58 | 90 | 85 | 25 | 52 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 30 | 59 | 90 | 39 | 56 | 24 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 38 | 59 | 98 | 0 | 64 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 46 | 58 | 90 | 0 | 49 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 40 | 59 | 90 | 0 | 27 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 38 | 59 | 79 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 38 | 59 | 54 | 0 | 37 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 102 | 59 | 64 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 101 | 59 | 76 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 90 | 58 | 92 | 0 | 44 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 41 | 58 | 108 | 0 | 50 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 40 | 74 | 104 | 0 | 37 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 40 | 79 | 89 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 40 | 79 | 108 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 39 | 79 | 84 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 39 | 59 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 39 | 17 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 40 | 17 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 40 | 18 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 40 | 17 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 40 | 16 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 40 | 16 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 40 | 16 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 40 | 32 | 56 | 0 | 0 | 11 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 40 | 33 | 51 | 0 | 0 | 19 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 40 | 33 | 43 | 0 | 0 | 21 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 40 | 30 | 45 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 40 | 0 | 43 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 1,361 | 1,436 | 2,227 | 425 | 709 | 305 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 102 | 79 | 108 | 129 | 77 | 56 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 28 | 16 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 44 | 48 | 72 | 14 | 23 | 10 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 2,700 | 2,849 | 4,417 | 843 | 1,406 | 606 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 6,463 | MAXIMUM, | 129 | MINIMUM, | 0 | MEAN, | 18 | TOTAL AC. FT., | 12,821 | | |

City of Bakersfield Diverted to Camelo Water District
(2800 Acre Well Exchange) Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 40 | 11 | 15 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 28 | 10 | 15 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 13 | 15 | 15 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 9 | 16 | 15 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 15 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 11 | 15 | 15 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 11 | 16 | 15 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | 15 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 12 | 16 | 3 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 29 | 15 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 28 | 15 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 36 | 16 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 258 | 403 | 303 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 40 | 16 | 15 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 9 | 13 | 10 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 511 | 799 | 600 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 964 | MAXIMUM, | 40 | MINIMUM, | 0 | MEAN, | 3 | TOTAL AC.FT., | 1,910 | | |

City of Bakersfield Diverted to Camelo Water District
(Non-Kern River) Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| 8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 |
| 9 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 4 |
| 10 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| 12 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 4 |
| 13 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 5 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 7 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 8 |
| 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 10 |
| 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 9 |
| 18 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 11 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 10 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 6 | 7 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 1 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | 4 | 1 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 5 | 4 |
| 24 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 5 | 4 |
| 25 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 4 |
| 26 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | 4 |
| 27 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | 4 |
| 28 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 4 | 4 |
| 29 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| 30 | 0 | - | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 3 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 5 | - | 0 |
| TOTAL | 15 | 21 | 0 | 31 | 3 | 0 | 0 | 0 | 54 | 79 | 49 | 122 |
| MAXIMUM DAY | 5 | 5 | 0 | 5 | 3 | 0 | 0 | 0 | 6 | 6 | 6 | 11 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 4 |
| TOTAL AC. FT. | 30 | 42 | 0 | 61 | 6 | 0 | 0 | 0 | 107 | 157 | 97 | 242 |
| WHOLE YEAR:- | TOTAL, | 374 | MAXIMUM, | 11 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC. FT., | 742 | | |

Year: 1988

Buena Vista WSD Diverted to Camelo MD

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-----|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 20 | 0 | 51 | 0 | 0 | 56 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 9 | 0 | 62 | 0 | 0 | 45 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 10 | 0 | 59 | 0 | 0 | 26 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 50 | 3 | 58 | 0 | 0 | 49 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 27 | 17 | 62 | 0 | 26 | 26 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 28 | 10 | 0 | 0 | 40 | 15 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 28 | 17 | 0 | 0 | 30 | 12 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 28 | 15 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 27 | 29 | 0 | 0 | 27 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 25 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 28 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 39 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 49 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 51 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 77 | 0 | 57 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 67 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 72 | 0 | 46 | 9 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 75 | 0 | 47 | 16 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 76 | 0 | 49 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 56 | 0 | 38 | 42 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 56 | 0 | 24 | 54 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 39 | 0 | 43 | 0 | 38 | 47 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 66 | 0 | 42 | 0 | 49 | 56 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 64 | 0 | 35 | 0 | 36 | 29 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 88 | 0 | 40 | 0 | 32 | 29 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 76 | 0 | 48 | 0 | 41 | 15 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 68 | 0 | 46 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 34 | - | 48 | - | 19 | 8 | - | - | - | 0 |
| TOTAL | 0 | 0 | 435 | 419 | 1,166 | 292 | 567 | 465 | 229 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 88 | 51 | 77 | 62 | 57 | 56 | 56 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 14 | 14 | 38 | 10 | 18 | 15 | 8 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 862 | 831 | 2,312 | 579 | 1,125 | 922 | 453 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 3,573 | MAXIMUM, | 88 | MINIMUM, | 0 | MEAN, | 10 | TOTAL AC. FT., | 7,084 | | |

| Cawelo Water District Exchange Water Delivered to Improvement District Number 4 (Pursuant to CMD/ID #4 Letter Agreement Dated August 10, 1988) | | | | | | | | | | | | Year: 1988 | |
|--|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-------|-----|------------|---|
| DISCHARGE IN CUBIC FEET PER SECOND | | | | | | | | | | | | | |
| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 331 | 177 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 49 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 658 | 350 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:-- | TOTAL, | 508 | MAXIMUM, | 56 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC. FT., | 1,008 | | | |

Improvement District Number 4 Exchange Payback
Delivered to Camelo Water District
(Pursuant to ID #4/CMD Letter Agreement Dated December 22, 1988)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-------|-----|-------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 44 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 46 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 16 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 16 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 14 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 13 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 13 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 13 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 31 | 0 | - | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 193 | 528 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 46 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 17 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 383 | 1,048 |
| WHOLE YEAR:- | TOTAL, | 721 | MAXIMUM, | 46 | MINIMUM, | 0 | MEAN, | 2 | TOTAL AC.FT., | 1,431 | | |

| Camelo Water District Exchange Water Delivered to Kern River Canal & Irrigating Company (Pursuant to CWD/City of Bakersfield Exchange Agreement Dated 8-24-88) | | | | | | | | | | | | Year: 1988 | |
|--|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|------------|---|
| DISCHARGE IN CUBIC FEET PER SECOND | | | | | | | | | | | | | |
| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 88 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 21 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 175 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 193 | MAXIMUM, | 30 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC. FT., | 383 | | | |

City of Bakersfield Exchange Water Delivered
to Camelo Water District
(Pursuant to CMD/City of Bakersfield Exchange Agreement Dated 8-24-88)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| WHOLE YEAR:- | TOTAL, | 193 | MAXIMUM, | 27 | MINIMUM, | 0 | MEAN, | 1 | TOTAL AC.FT., | 383 | | |

| Total Diverted via Cross Valley Canal Conduit "A" | | | | | | | | | | | | Year: 1988 |
|--|--------|--------|----------|-----|----------|-------|--------|--------|----------------|--------|-----|------------|
| DISCHARGE IN CUBIC FEET PER SECOND | | | | | | | | | | | | |
| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 1 | 0 | 17 | 42 | 30 | 0 | 120 | 170 | 170 | 170 | 146 | 66 | 0 |
| 2 | 0 | 17 | 26 | 0 | 0 | 118 | 170 | 170 | 170 | 139 | 52 | 0 |
| 3 | 0 | 17 | 25 | 0 | 0 | 130 | 170 | 170 | 170 | 129 | 25 | 0 |
| 4 | 0 | 17 | 19 | 100 | 0 | 120 | 170 | 170 | 170 | 138 | 25 | 0 |
| 5 | 0 | 28 | 20 | 0 | 0 | 120 | 170 | 170 | 170 | 144 | 25 | 0 |
| 6 | 0 | 29 | 0 | 0 | 15 | 120 | 170 | 170 | 170 | 143 | 25 | 0 |
| 7 | 0 | 28 | 41 | 0 | 0 | 170 | 170 | 170 | 170 | 169 | 25 | 0 |
| 8 | 0 | 29 | 48 | 0 | 0 | 170 | 164 | 170 | 170 | 159 | 0 | 0 |
| 9 | 0 | 64 | 48 | 0 | 0 | 170 | 170 | 170 | 170 | 159 | 0 | 0 |
| 10 | 0 | 64 | 48 | 0 | 0 | 170 | 165 | 170 | 150 | 159 | 16 | 0 |
| 11 | 0 | 70 | 0 | 0 | 52 | 170 | 170 | 170 | 150 | 149 | 16 | 0 |
| 12 | 0 | 50 | 0 | 0 | 52 | 170 | 170 | 170 | 150 | 151 | 16 | 0 |
| 13 | 0 | 49 | 0 | 44 | 70 | 163 | 170 | 170 | 145 | 149 | 16 | 0 |
| 14 | 0 | 50 | 57 | 40 | 70 | 170 | 170 | 170 | 142 | 150 | 29 | 0 |
| 15 | 0 | 69 | 58 | 0 | 70 | 170 | 170 | 170 | 146 | 150 | 33 | 0 |
| 16 | 12 | 68 | 58 | 0 | 100 | 170 | 170 | 169 | 134 | 139 | 33 | 0 |
| 17 | 12 | 124 | 68 | 0 | 50 | 170 | 170 | 170 | 114 | 135 | 34 | 0 |
| 18 | 12 | 120 | 169 | 0 | 50 | 170 | 170 | 170 | 114 | 84 | 33 | 0 |
| 19 | 0 | 104 | 169 | 0 | 35 | 170 | 170 | 170 | 114 | 128 | 0 | 0 |
| 20 | 0 | 106 | 161 | 0 | 25 | 170 | 170 | 170 | 111 | 88 | 0 | 0 |
| 21 | 0 | 104 | 172 | 0 | 70 | 170 | 170 | 170 | 108 | 86 | 0 | 0 |
| 22 | 0 | 105 | 172 | 0 | 70 | 168 | 170 | 170 | 114 | 87 | 0 | 0 |
| 23 | 0 | 94 | 172 | 0 | 170 | 170 | 170 | 170 | 124 | 86 | 0 | 0 |
| 24 | 0 | 94 | 172 | 0 | 170 | 170 | 170 | 168 | 120 | 87 | 0 | 0 |
| 25 | 0 | 93 | 172 | 0 | 160 | 170 | 170 | 170 | 109 | 97 | 0 | 0 |
| 26 | 17 | 83 | 80 | 0 | 145 | 170 | 170 | 170 | 109 | 99 | 0 | 0 |
| 27 | 17 | 83 | 71 | 0 | 145 | 170 | 170 | 170 | 151 | 118 | 0 | 0 |
| 28 | 17 | 80 | 75 | 0 | 145 | 170 | 170 | 170 | 147 | 137 | 0 | 0 |
| 29 | 18 | 137 | 110 | 0 | 145 | 170 | 170 | 169 | 160 | 117 | 0 | 0 |
| 30 | 0 | - | 98 | 0 | 145 | 170 | 170 | 170 | 160 | 117 | 0 | 0 |
| 31 | 0 | - | 40 | - | 170 | - | 170 | 163 | - | 90 | - | 0 |
| TOTAL | 105 | 1,993 | 2,391 | 214 | 2,124 | 4,799 | 5,260 | 5,259 | 4,302 | 3,929 | 469 | 0 |
| MAXIMUM DAY | 18 | 137 | 172 | 100 | 170 | 170 | 170 | 170 | 170 | 169 | 66 | 0 |
| MINIMUM DAY | 0 | 17 | 0 | 0 | 0 | 118 | 164 | 163 | 108 | 84 | 0 | 0 |
| MEAN | 3 | 69 | 77 | 7 | 69 | 160 | 170 | 170 | 143 | 127 | 16 | 0 |
| TOTAL AC. FT. | 208 | 3,953 | 4,743 | 424 | 4,213 | 9,519 | 10,433 | 10,431 | 8,533 | 7,793 | 930 | 0 |
| WHOLE YEAR:- | TOTAL, | 30,845 | MAXIMUM, | 172 | MINIMUM, | 0 | MEAN, | 84 | TOTAL AC. FT., | 61,180 | | |

CAMELO WATER DISTRICT
CROSS VALLEY CANAL CONDUIT "A"

Year: 1988

DISTRIBUTION OF PUMPING

Quantities in acre-feet

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--|-----|-------|-------|-----|-------|-------|--------|--------|-------|-------|-----|-----|--------|
| Total Flow via CVC Conduit "A" | 208 | 3,953 | 4,743 | 424 | 4,213 | 9,519 | 10,433 | 10,431 | 8,533 | 7,793 | 930 | 0 | 61,180 |
| Cameo Water District: | | | | | | | | | | | | | |
| Direct Pumping | 208 | 3,953 | 2,763 | 81 | 36 | 8,010 | 9,511 | 8,652 | 6,255 | 4,823 | 930 | 0 | 45,222 |
| Pumped for NKAUSD (Exchange Payback) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 507 | 0 | 0 | 0 | 0 | 507 |
| Pumped for KRC & Irr Co. (Exchange) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 175 | 0 | 0 | 383 |
| Total Cameo MD Pumping | 208 | 3,953 | 2,763 | 81 | 36 | 8,010 | 9,511 | 9,159 | 6,463 | 4,998 | 930 | 0 | 46,112 |
| Cameo MD/North Kern Water Storage District: | | | | | | | | | | | | | |
| NKAUSD from ID #4 at Tupman (CMD/NKAUSD Exch.) | 0 | 0 | 1,349 | 343 | 4,129 | 1,205 | 922 | 311 | 0 | 0 | 0 | 0 | 8,259 |
| NKAUSD from ID #4 at Tupman | 0 | 0 | 631 | 0 | 48 | 304 | 0 | 303 | 1,720 | 2,795 | 0 | 0 | 5,801 |
| Total Cameo MD Pumping for NKAUSD | 0 | 0 | 1,980 | 343 | 4,177 | 1,509 | 922 | 614 | 1,720 | 2,795 | 0 | 0 | 14,060 |
| Cameo MD/Improvement District #4: | | | | | | | | | | | | | |
| ID #4 to Cameo MD (State/Kern River Exch.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 658 | 350 | 0 | 0 | 0 | 1,008 |

**RECAPITULATION OF CITY OF BAKERSFIELD DIVERSIONS FOR
KERN-TULARE AND RAG GULCH WATER DISTRICTS**

Year: 1988

Quantities in acre-feet

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---------------------------------------|-----|-----|-------|-------|-------|-----|-------|-----|-----|-----|-----|-----|--------|
| + Total Basic Contract Diverted | 0 | 0 | 2,485 | 4,926 | 4,564 | 0 | 1,035 | 517 | 0 | 0 | 0 | 0 | 13,527 |
| Kern-Tulare Water District | 0 | 0 | 2,161 | 4,283 | 3,969 | 0 | 900 | 450 | 0 | 0 | 0 | 0 | 11,763 |
| Rag Gulch Water District | 0 | 0 | 324 | 643 | 595 | 0 | 135 | 67 | 0 | 0 | 0 | 0 | 1,764 |
| + Total Misc. Quantity Diverted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern-Tulare Water District | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rag Gulch Water District | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = Total Diverted | 0 | 0 | 2,485 | 4,926 | 4,564 | 0 | 1,035 | 517 | 0 | 0 | 0 | 0 | 13,527 |
| via Calloway Canal | 0 | 0 | 1,924 | 1,805 | 2,162 | 0 | 916 | 356 | 0 | 0 | 0 | 0 | 7,163 |
| River Transportation Loss | 0 | 0 | 468 | 664 | 809 | 0 | 119 | 161 | 0 | 0 | 0 | 0 | 2,221 |
| Carrier Canal Recharge | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| - Total Diverted to I.D. #4 | 0 | 0 | 2,485 | 2,469 | 2,971 | 0 | 1,035 | 517 | 0 | 0 | 0 | 0 | 9,477 |
| Kern-Tulare Water District | 0 | 0 | 2,161 | 2,147 | 2,583 | 0 | 900 | 450 | 0 | 0 | 0 | 0 | 8,241 |
| Rag Gulch Water District | 0 | 0 | 324 | 322 | 388 | 0 | 135 | 67 | 0 | 0 | 0 | 0 | 1,236 |
| via Arvin-Edison Turnout | 0 | 0 | 0 | 2,247 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,495 |
| Canal Transportation Loss | 0 | 0 | 0 | 210 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 |
| - Total Diverted to Arvin-Edison T.O. | 0 | 0 | 0 | 2,457 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,735 |
| Kern-Tulare Water District | 0 | 0 | 0 | 2,136 | 242 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,378 |
| Rag Gulch Water District | 0 | 0 | 0 | 321 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 357 |
| = For Camelo Water District | 0 | 0 | 0 | 0 | 1,315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,315 |
| Kern-Tulare Water District | 0 | 0 | 0 | 0 | 1,144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,144 |
| Rag Gulch Water District | 0 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 171 |

City of Bakersfield Diverted for Kern-Tulare MD
(Kern-Tulare MD/Improvement District No. 4 Exchange)
(Basic Contract)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-------|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 68 | 48 | 30 | 0 | 0 | 12 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 34 | 49 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 33 | 42 | 33 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 27 | 46 | 56 | 0 | 0 | 16 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 27 | 42 | 43 | 0 | 0 | 29 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 25 | 42 | 43 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 24 | 58 | 31 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 43 | 44 | 36 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 37 | 44 | 51 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 28 | 51 | 44 | 0 | 0 | 26 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 23 | 39 | 49 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 32 | 46 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 34 | 37 | 48 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 35 | 37 | 11 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 38 | 30 | 3 | 0 | 61 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 44 | 25 | 19 | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 40 | 23 | 41 | 0 | 60 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 48 | 32 | 42 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 41 | 39 | 36 | 0 | 56 | 5 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 37 | 23 | 41 | 0 | 33 | 4 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 31 | 22 | 52 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 38 | 18 | 60 | 0 | 43 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 34 | 24 | 47 | 0 | 40 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 31 | 26 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 31 | 30 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 33 | 35 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 29 | 31 | 39 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 30 | 32 | 56 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 34 | 37 | 54 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 37 | 31 | 54 | 0 | 0 | 19 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 44 | 44 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 1,090 | 1,083 | 1,302 | 0 | 454 | 227 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 68 | 58 | 61 | 0 | 63 | 29 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 23 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 35 | 36 | 42 | 0 | 15 | 7 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 2,161 | 2,147 | 2,583 | 0 | 900 | 450 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 4,156 | MAXIMUM, | 68 | MINIMUM, | 0 | MEAN, | 11 | TOTAL AC. FT., | 8,241 | | |

City of Bakersfield Diverted for Kern-Tulare WD
via Arvin-Edison Turnout
(Basic Contract)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-------|----------|-------|----------|-----|-------|-----|---------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 0 | 0 | 1,071 | 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 116 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 0 | 0 | 2,136 | 242 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 1,199 | MAXIMUM, | 116 | MINIMUM, | 0 | MEAN, | 3 | TOTAL AC.FT., | 2,378 | | |

City of Bakersfield Diverted for Kern-Tulare MD
(Kern-Tulare MD/Camejo MD Exchange)
(Basic Contract)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 577 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 1,144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 577 | MAXIMUM, | 67 | MINIMUM, | 0 | MEAN, | 2 | TOTAL AC. FT., | 1,144 | | |

City of Bakersfield Diverted for Rag Gulch MD
(Rag Gulch MD/Improvement District No. 4 Exchange)
(Basic Contract)

Year: 1988

| DISCHARGE IN CUBIC FEET PER SECOND | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|------------------------------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-------|-----|-----|
| 1 | 0 | 0 | 10 | 7 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 5 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 5 | 6 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 4 | 7 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 4 | 6 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 4 | 6 | 6 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 4 | 9 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 6 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 6 | 7 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 4 | 7 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 4 | 6 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 5 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 5 | 5 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 5 | 6 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 6 | 5 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 6 | 4 | 3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 6 | 4 | 6 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 7 | 5 | 6 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 6 | 6 | 6 | 0 | 8 | 1 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 5 | 3 | 6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 5 | 3 | 8 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 6 | 3 | 9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 5 | 3 | 7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 5 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 5 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 5 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 4 | 5 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 4 | 5 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 5 | 6 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 5 | 4 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 7 | - | 5 | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 0 | 163 | 162 | 196 | 0 | 68 | 34 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 10 | 9 | 9 | 0 | 10 | 5 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 5 | 5 | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 0 | 324 | 322 | 388 | 0 | 135 | 67 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 623 | MAXIMUM, | 10 | MINIMUM, | 0 | MEAN, | 2 | TOTAL AC.FT., | 1,236 | | |

City of Bakersfield Diverted for Rag Gulch WD
via Arvin-Edison Turnout
(Basic Contract)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|------------|-------------|------------|---------|--------------------|-----|-----|-----|-----|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 0 | 0 | 162 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 321 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, 180 | MAXIMUM, 18 | MINIMUM, 0 | MEAN, 0 | TOTAL AC. FT., 357 | | | | | | | |

City of Bakersfield Diverted for Rag Gulch WD
(Rag Gulch WD/Canelo WD Exchange)
(Basic Contract)

Year: 1988

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 86 | MAXIMUM, | 10 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC. FT., | 171 | | |

CITY OF BAKERSFIELD
 RECAPITULATION OF WATER SPREADING BY SOURCE
 2,800 ACRE RECHARGE FACILITY

Quantities in acre-feet

| Calendar Year | BANKING | | | | OVERDRAFT CORRECTION | | | | Grand Total | |
|---------------|----------------|---------------|---------------------|------------|----------------------|--------------|--------------|---------------------|-------------|----------------|
| | Kern River | Friant-Kern | State Water Project | Other | Totals | Kern River | Friant-Kern | State Water Project | | Other |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 134,971 | 0 | 0 | 0 | 134,971 | 0 | 0 | 0 | 0 | 134,971 |
| 1979 | 4,505 | 9,913 | 0 | 0 | 14,418 | 6,089 | 888 | 52,099 | 0 | 59,076 |
| 1980 | 113,379 | 0 | 8,029 | 0 | 121,408 | 0 | 0 | 0 | 0 | 121,408 |
| 1981 | 2,603 | 0 | 49,377 | 0 | 51,980 | 0 | 0 | 7,141 | 0 | 7,141 |
| 1982 | 50,242 | 16,057 | 8,345 | 0 | 76,644 | 2,649 | 6,835 | 12,748 | 0 | 22,232 |
| 1983 | 110,970 | 2,239 | 171 | 0 | 113,380 | 0 | 0 | 0 | 0 | 113,380 |
| 1984 | 14,449 | 1,609 | 0 | 0 | 16,058 | 0 | 0 | 0 | 0 | 16,058 |
| 1985 | 331 | 71 | 15,055 | 0 | 15,457 | 0 | 0 | 0 | 0 | 15,457 |
| 1986 | 93,311 | 36,792 | 22,766 | 262 | 153,131 | 0 | 0 | 0 | 0 | 153,131 |
| 1987 | 77 | 0 | 7,379 | 32 | 7,488 | 0 | 0 | 0 | 0 | 7,488 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 524,838 | 68,681 | 111,122 | 294 | 704,935 | 8,738 | 7,723 | 71,988 | 0 | 88,449 |
| | | | | | | | | | | 793,384 |

CITY OF BAKERSFIELD
 RECAPITULATION OF WATER SPREADING BY ENTITY
 2,800 ACRE RECHARGE FACILITY
 (Does not reflect water extracted or sold)

Quantities in acre-feet

| Calendar Year | BANKING ENTITIES | | | | Overdraft Correction | Grand Total |
|---------------|---------------------|------------------------|----------------------|---------------|----------------------|----------------|
| | City of Bakersfield | Diocese/Hacienda H. D. | Buena Vista H. S. D. | K. C. N. A. | | |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 104,587 | 24,328 | 6,056 | 0 | 134,971 | 134,971 |
| 1979 | 4,505 | 0 | 9,913 | 0 | 14,418 | 73,494 |
| 1980 | 68,804 | 52,604 | 0 | 0 | 121,408 | 121,408 |
| 1981 | 2,603 | 4,465 | 0 | 44,912 | 51,980 | 59,121 |
| 1982 | 37,913 | 14,266 | 24,465 | 0 | 76,644 | 98,876 |
| 1983 | 113,380 | 0 | 0 | 0 | 113,380 | 113,380 |
| 1984 | 16,058 | 0 | 0 | 0 | 16,058 | 16,058 |
| 1985 | 402 | 0 | 0 | 15,055 | 15,457 | 15,457 |
| 1986 | 64,168 | 56,197 | 10,000 | 22,766 | 153,131 | 153,131 |
| 1987 | 109 | 0 | 0 | 7,379 | 7,488 | 7,488 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 412,529 | 151,860 | 50,434 | 90,112 | 704,935 | 793,384 |

| City of Bakersfield | | | | | | | | | | | | Year: 1988 |
|--|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-------|-----|------------|
| Extractions from 2800 Acre Recharge Facility | | | | | | | | | | | | |
| (Kern River Banked Supply) | | | | | | | | | | | | |
| DISCHARGE IN CUBIC FEET PER SECOND | | | | | | | | | | | | |
| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 34 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 34 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 33 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26 | 0 | 0 | 0 | 0 |
| 8 | 0 | 10 | 0 | 0 | 0 | 0 | 15 | 7 | 0 | 0 | 0 | 0 |
| 9 | 0 | 15 | 0 | 0 | 0 | 0 | 16 | 8 | 0 | 0 | 0 | 0 |
| 10 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 7 | 0 | 0 | 0 | 0 |
| 11 | 0 | 16 | 0 | 0 | 0 | 0 | 15 | 7 | 0 | 0 | 0 | 0 |
| 12 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 8 | 0 | 0 | 0 | 0 |
| 13 | 0 | 16 | 0 | 0 | 0 | 0 | 15 | 7 | 0 | 0 | 0 | 0 |
| 14 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 8 | 0 | 0 | 0 | 0 |
| 15 | 0 | 15 | 0 | 0 | 0 | 0 | 15 | 8 | 0 | 0 | 0 | 0 |
| 16 | 0 | 15 | 0 | 0 | 0 | 0 | 16 | 7 | 0 | 0 | 0 | 0 |
| 17 | 0 | 16 | 0 | 0 | 0 | 0 | 15 | 8 | 0 | 0 | 0 | 0 |
| 18 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 5 | 0 | 0 | 0 | 0 |
| 19 | 0 | 15 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 16 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 16 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 12 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | - | 0 | - | 0 | - | 15 | 0 | - | 0 | - | 0 |
| TOTAL | 0 | 258 | 0 | 0 | 0 | 0 | 403 | 314 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 16 | 0 | 0 | 0 | 0 | 16 | 37 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 9 | 0 | 0 | 0 | 0 | 13 | 10 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 511 | 0 | 0 | 0 | 0 | 799 | 622 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:-- | TOTAL, | 975 | MAXIMUM, | 37 | MINIMUM, | 0 | MEAN, | 3 | TOTAL AC. FT., | 1,932 | | |

Buena Vista Water Storage District
 Extractions from 2800 Acre Recharge Facility
 (Kern River Banked Supply)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 26 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 27 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 24 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 30 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 49 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 47 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 48 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 49 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 48 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 48 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 48 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 48 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 49 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 48 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 212 | 688 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 9 | 49 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 7 | 22 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 420 | 1,366 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 900 | MAXIMUM, | 49 | MINIMUM, | 0 | MEAN, | 2 | TOTAL AC. FT., | 1,785 | | |

CITY OF BAKERSFIELD
RECAPITULATION OF BANKING, EXTRACTION AND STORAGE
2,800 ACRE RECHARGE FACILITY

UNIT: CITY OF BAKERSFIELD

Quantities in acre-feet

| Calendar Year | BANKING | | | | | EXTRACTION | | | | | GROUNDWATER STORAGE (End of Year) | | | | | | | |
|---------------|----------------|---------------|------------|--------------|--------------|----------------|--------------|----------|----------|----------------|-----------------------------------|----------------|----------------|---------------|------------|--------------|----------------|---------|
| | Kern | F-Kern | S.M.P. | Other Source | Via Transfer | Total | Kern | F-Kern | S.M.P. | Other Source | Via Transfer | Total | Kern | F-Kern | S.M.P. | Other Source | Total | |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 104,587 | 0 | 0 | 0 | 0 | 104,587 | 0 | 0 | 0 | 0 | 0 | 0 | 104,587 | 0 | 0 | 0 | 0 | 104,587 |
| 1979 | 4,505 | 0 | 0 | 0 | 0 | 4,505 | 0 | 0 | 0 | 0 | 0 | 0 | 109,092 | 0 | 0 | 0 | 0 | 109,092 |
| 1980 | 68,804 | 0 | 0 | 0 | 0 | 68,804 | 0 | 0 | 0 | 13,772 | 13,772 | 13,772 | 164,124 | 0 | 0 | 0 | 0 | 164,124 |
| 1981 | 2,603 | 0 | 0 | 0 | 0 | 2,603 | 0 | 0 | 0 | 100,837 | 100,837 | 100,837 | 65,890 | 0 | 0 | 0 | 0 | 65,890 |
| 1982 | 35,377 | 2,536 | 0 | 0 | 0 | 37,913 | 0 | 0 | 0 | 0 | 0 | 0 | 101,267 | 2,536 | 0 | 0 | 0 | 103,803 |
| 1983 | 110,970 | 2,239 | 171 | 0 | 0 | 113,380 | 0 | 0 | 0 | 0 | 0 | 0 | 212,237 | 4,775 | 171 | 0 | 0 | 217,183 |
| 1984 | 14,449 | 1,609 | 0 | 0 | 0 | 16,058 | 472 | 0 | 0 | 0 | 472 | 472 | 226,214 | 6,384 | 171 | 0 | 0 | 232,769 |
| 1985 | 331 | 71 | 0 | 0 | 0 | 402 | 1,615 | 0 | 0 | 0 | 1,615 | 1,615 | 224,930 | 6,455 | 171 | 0 | 0 | 231,556 |
| 1986 | 27,114 | 36,792 | 0 | 262 | 0 | 64,168 | 0 | 0 | 0 | 0 | 0 | 0 | 252,044 | 43,247 | 171 | 262 | 295,724 | |
| 1987 | 77 | 0 | 0 | 32 | 0 | 109 | 656 | 0 | 0 | 0 | 656 | 656 | 251,465 | 43,247 | 171 | 294 | 295,177 | |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 1,932 | 0 | 0 | 3,500 | 5,432 | 5,432 | 246,033 | 43,247 | 171 | 294 | 289,745 | |
| TOTALS | 368,817 | 43,247 | 171 | 294 | 0 | 412,529 | 4,675 | 0 | 0 | 118,109 | 122,784 | 122,784 | 246,033 | 43,247 | 171 | 294 | 289,745 | |

CITY OF BAKERSFIELD
 RECAPITULATION OF BANKING, EXTRACTION AND STORAGE
 2,800 ACRE RECHARGE FACILITY

UNIT: DLCESE/HACIENDA MD

Quantities in acre-feet

| Calendar Year | BANKING | | | | | EXTRACTION | | | | | GROUNDWATER STORAGE (End of Year) | | | | |
|---------------|---------|--------|--------|--------------|--------------------|------------|--------|--------|--------------|--------------------|-----------------------------------|--------|--------|--------------|---------|
| | Kern | F-Kern | S.M.P. | Other Source | Via Transfer Total | Kern | F-Kern | S.M.P. | Other Source | Via Transfer Total | Kern | F-Kern | S.M.P. | Other Source | Total |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 24,328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,328 | 0 | 0 | 0 | 24,328 |
| 1979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,328 | 0 | 0 | 0 | 24,328 |
| 1980 | 44,575 | 0 | 8,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68,903 | 0 | 8,029 | 0 | 76,932 |
| 1981 | 0 | 0 | 4,465 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68,903 | 0 | 12,494 | 0 | 81,397 |
| 1982 | 9,432 | 0 | 4,834 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78,335 | 0 | 17,328 | 0 | 95,663 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78,335 | 0 | 17,328 | 0 | 95,663 |
| 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78,335 | 0 | 17,328 | 0 | 95,663 |
| 1985 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78,335 | 0 | 17,328 | 0 | 95,663 |
| 1986 | 56,197 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134,532 | 0 | 17,328 | 0 | 151,860 |
| 1987 | 0 | 0 | 0 | 0 | 5,344 | 0 | 0 | 0 | 0 | 0 | 139,876 | 0 | 17,328 | 0 | 157,204 |
| 1988 | 0 | 0 | 0 | 0 | 3,214 | 0 | 0 | 0 | 0 | 0 | 143,090 | 0 | 17,328 | 0 | 160,418 |
| TOTALS | 134,532 | 0 | 17,328 | 0 | 8,558 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CITY OF BAKERSFIELD
 RECAPITULATION OF BANKING, EXTRACTION AND STORAGE
 2,800 ACRE RECHARGE FACILITY

UNIT: BUENA VISTA WATER STORAGE DISTRICT

Quantities in acre-feet

| Calendar Year | BANKING | | | | | EXTRACTION | | | | | GROUNDWATER STORAGE (End of Year) | | | | | |
|---------------|---------------|---------------|--------------|--------------|--------------|---------------|--------------|----------|----------|--------------|-----------------------------------|----------|----------|----------|--------------|----------|
| | Kern | F-Kern | S.M.P. | Other Source | Via Transfer | Total | Kern | F-Kern | S.M.P. | Other Source | Total | Kern | F-Kern | S.M.P. | Other Source | Total |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 6,056 | 0 | 0 | 0 | 0 | 6,056 | 0 | 0 | 0 | 0 | 0 | 6,056 | 0 | 0 | 0 | 6,056 |
| 1979 | 0 | 9,913 | 0 | 0 | 0 | 9,913 | 0 | 0 | 0 | 0 | 0 | 6,056 | 9,913 | 0 | 0 | 15,969 |
| 1980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,056 | 9,913 | 0 | 0 | 15,969 |
| 1981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,056 | 9,913 | 0 | 0 | 15,969 |
| 1982 | 5,433 | 15,521 | 3,511 | 0 | 0 | 24,465 | 0 | 0 | 0 | 0 | 0 | 11,489 | 25,434 | 3,511 | 0 | 40,434 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,489 | 25,434 | 3,511 | 0 | 40,434 |
| 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,489 | 25,434 | 3,511 | 0 | 40,434 |
| 1985 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,489 | 25,434 | 3,511 | 0 | 40,434 |
| 1986 | 10,000 | 0 | 0 | 0 | 0 | 10,000 | 0 | 0 | 0 | 0 | 0 | 21,489 | 25,434 | 3,511 | 0 | 50,434 |
| 1987 | 0 | 0 | 0 | 0 | 0 | 0 | 656 | 0 | 0 | 5,344 | 6,000 | 15,489 | 25,434 | 3,511 | 0 | 44,434 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 1,786 | 0 | 0 | 3,214 | 5,000 | 10,489 | 25,434 | 3,511 | 0 | 39,434 |
| TOTALS | 21,489 | 25,434 | 3,511 | 0 | 0 | 50,434 | 2,442 | 0 | 0 | 8,558 | 11,000 | 0 | 0 | 0 | 0 | 0 |

CITY OF BAKERSFIELD
 RECAPITULATION OF BANKING, EXTRACTION AND STORAGE
 2,800 ACRE RECHARGE FACILITY

UNIT: KERN COUNTY WATER AGENCY
 =====

Quantities in acre-feet

| Calendar Year | BANKING | | | | EXTRACTION | | | | GROUNDWATER STORAGE (End of Year) | | | | |
|---------------|----------|----------|---------------|----------|------------|----------|----------|----------|-----------------------------------|----------|--------------|----------|----------|
| | Kern | F-Kern | S.M.P. | Other | Kern | F-Kern | S.M.P. | Other | Kern | F-Kern | S.M.P. | Other | Total |
| 1977 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1981 | 0 | 0 | 44,912 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44,912 | 0 | 44,912 |
| 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44,912 | 0 | 44,912 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44,912 | 0 | 44,912 |
| 1984 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44,912 | 0 | 44,912 |
| 1985 | 0 | 0 | 15,055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59,967 | 0 | 59,967 |
| 1986 | 0 | 0 | 22,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82,733 | 0 | 82,733 |
| 1987 | 0 | 0 | 7,379 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90,112 | 0 | 90,112 |
| 1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,500 | 0 | 90,112 | 0 | 93,612 |
| TOTALS | 0 | 0 | 90,112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,500 | 0 | 0 |

Total Flow via the Rosedale Channel at Head (All Sources)
(Diverted from Kern River Channel) Year: 1988

| DISCHARGE IN CUBIC FEET PER SECOND | | Year: 1988 | | | | | | | | | | | |
|------------------------------------|--------|------------|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|--|
| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 12 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 31 | 0 | - | 0 | 0 | 0 | - | 0 | 0 | - | 0 | - | 0 | |
| TOTAL | 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MAXIMUM DAY | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MEAN | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL AC. FT. | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| WHOLE YEAR:- | TOTAL, | 174 | MAXIMUM, | 50 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC. FT., | 345 | | | |

STATUS OF CONTRACT

per terms of
Rosedale Rio Bravo Water Storage District
 Service Agreement, dated August 31, 1961.

Quantities in acre-feet

| Year | TOTAL DELIVERED | FRIANT-KERN DELIVERED | TOTAL KERN RIVER DELIVERED | (1) | | (2) CARRY FORWARD OVER (UNDER) | END of YEAR |
|------|-----------------|-----------------------|----------------------------|-------------------------------------|--------------------------------------|--------------------------------|----------------------|
| | | | | KERN RIVER BASIC CONTRACT DELIVERED | KERN RIVER BASIC CONTRACT OBLIGATION | | CONTRACT BALANCE (3) |
| | | | | | | | (4) 60,000 |
| 1976 | 0 | 0 | 0 | 0 | 10,000 | (10,000) | 50,000 |
| 1977 | 2,199 | 0 | 2,199 | 2,199 | 10,000 | (7,801) | 42,199 |
| 1978 | 76,365 | 4,371 | 71,994 | 10,000 | 10,000 | 0 | 42,199 |
| 1979 | 14,568 | 9,921 | 4,647 | 4,647 | 10,000 | (5,353) | 36,846 |
| 1980 | 70,790 | 4,167 | 66,623 | 10,000 | 10,000 | 0 | 36,846 |
| 1981 | 773 | 0 | 773 | 773 | 10,000 | (9,227) | 27,619 |
| 1982 | 88,374 | 40,595 | 47,779 | 10,000 | 10,000 | 0 | 27,619 |
| 1983 | 134,534 | 1,440 | 133,094 | 10,000 | 10,000 | 0 | 27,619 |
| 1984 | 38,854 | 0 | 38,854 | 10,000 | 10,000 | 0 | 27,619 |
| 1985 | 20,694 | 0 | 20,694 | 0 | 10,000 | (10,000) | 17,619 |
| 1986 | 87,761 | 5,209 | 82,552 | 20,000 | 10,000 | 10,000 | 27,619 |
| 1987 | 6,000 | 0 | 6,000 | 0 | 10,000 | (10,000) | 17,619 |
| 1988 | 7,845 | 0 | 7,845 | 0 | 10,000 | (10,000) | 7,619 |

- (1) Not less than 5,000 acre-feet for any consecutive 5-Year period.
- (2) Limit 30,000 acre-feet during any One year.
- (3) Gross limit of 60,000 acre-feet.
- (4) Pursuant to Article 3.2 of 1976 Agreement No. 76-80; City of Bakersfield carryover credit was 60,000 acre-feet as of January 1, 1976.

CITY OF BAKERSFIELD
STATUS OF MISCELLANEOUS WATER DELIVERIES
TO ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Pursuant to June 6, 1976 Agreement No. 76-80

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-----------------------------------|-----------|------------|--------------|--------------|---------------|---------------|---------------|--------------|------------|------------|------------|-----------|---------------|
| City Entitlement + or - Release | 1,230 | 768 | 7,986 | 14,520 | 17,084 | 14,877 | 1,681 | 283 | 238 | 1,063 | 1,190 | 1,250 | 62,170 |
| Lake Ming | 16 | 16 | 44 | 60 | 77 | 105 | 127 | 121 | 91 | 65 | 42 | 26 | 790 |
| North Kern Water Storage District | 0 | 0 | 253 | 752 | 6,861 | 7,500 | 4,634 | 0 | 0 | 0 | 0 | 0 | 20,000 |
| Camelo Water District | 0 | 0 | 2,700 | 2,849 | 4,417 | 843 | 1,406 | 606 | 0 | 0 | 0 | 0 | 12,821 |
| Kern-Tulare Water District | 0 | 0 | 2,161 | 4,283 | 3,969 | 0 | 900 | 450 | 0 | 0 | 0 | 0 | 11,763 |
| Rag Gulch Water District | 0 | 0 | 324 | 643 | 595 | 0 | 135 | 67 | 0 | 0 | 0 | 0 | 1,764 |
| Rosedale Rio Bravo MSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern River Canal & Irrigating Co. | 0 | 146 | 657 | 466 | 391 | 1,540 | 1,967 | 1,433 | 378 | 175 | 317 | 0 | 7,470 |
| First Point Passing Second Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Isabella Reservoir Loss | 48 | 60 | 130 | 198 | 306 | 289 | 365 | 160 | 76 | 43 | 22 | 20 | 1,717 |
| River Transportation Loss | (2) | 140 | 231 | 594 | 493 | 1,199 | 1,032 | (1) | (1) | 2 | (1) | 2 | 3,688 |
| Total Basic Commitments | 62 | 362 | 6,500 | 9,845 | 17,109 | 11,476 | 10,566 | 2,836 | 544 | 285 | 380 | 48 | 60,013 |

Total City Miscellaneous Water..... | 2,157

Rosedale Rio Bravo MSD 1/3 Share..... | 719

| | | | | | | | | | | | | | |
|-----------------------------------|-----|---|---|---|---|---|---|---|---|---|---|---|-------|
| Misc. Water Delivered to RRBMSD | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,500 |
| Del. under Art.11,Sec. 2.1 (i)(7) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Total Misc. Delivered to RRBMSD | 345 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,500 | 7,845

Over (Under) City Miscellaneous Water Obligation..... | 7,136

Prior Year Miscellaneous Water Delivery Balance..... | (25,221)

Cumulative Miscellaneous Water Delivery Balance..... | (18,095)

STATUS OF CONTRACT

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Cumulative Miscellaneous Water Balance
Pursuant to June 6, 1976 Agreement No. 76-80

Quantities in acre-feet

| Year | (A) TOTAL CITY MISCELLANEOUS WATER | (B) RRBMSD 1/3 SHARE OF MISC. | (C) MISC. WATER DELIVERED TO RRBMSD (1) | (D) OVER (UNDER) 1/3 SHARE | (E) END of YEAR CUMULATIVE MISC. WATER BALANCE |
|------|---|--|--|-------------------------------------|--|
| 1977 | 0 | 0 | 0 | 0 | 0 |
| 1978 | 75,473 | 25,158 | 29,405 | 4,247 | 4,247 |
| 1979 | 34,885 | 11,628 | 0 | (11,628) | (7,381) |
| 1980 | 81,572 | 27,191 | 28,246 | 1,055 | (6,326) |
| 1981 | 1,634 | 545 | 0 | (545) | (6,871) |
| 1982 | 184,335 | 61,445 | 37,779 | (23,666) | (30,537) |
| 1983 | 64,686 | 21,562 | 12,292 | (9,270) | (39,807) |
| 1984 | 56,816 | 18,939 | 20,856 | 1,917 | (37,890) |
| 1985 | 50,537 | 16,846 | 20,694 | 3,848 | (34,042) |
| 1986 | 161,307 | 53,769 | 56,590 | 2,821 | (31,221) |
| 1987 | 0 | 0 | 6,000 | 6,000 | (25,221) |
| 1988 | 2,157 | 719 | 7,845 | 7,126 | (18,095) |

Notes:

- (1) Includes water delivered pursuant to Article II, Section 2.1 (i) (7) of Agreement No. 76-80, "Failure to Accept Water".
- Column (B) = Column (A) x 1/3.
- Column (D) = Column (C) minus Column (B).

KERN RIVER CANAL & IRRIGATING COMPANY
CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------|--------|-----|-------|-----|-----|-------|-------|-------|-----|-----|-----|-----|--------|
| Kern River Entitlement | + | 0 | 0 | 0 | 551 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 551 |
| Release | + or - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENTITLEMENT + OR - RELEASE | = | 0 | 0 | 0 | 551 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 551 |
| Oilfield Discharge | + | 230 | 216 | 301 | 222 | 282 | 374 | 390 | 253 | 205 | 181 | 52 | 2,981 |
| Other | + or - | 0 | 146 | 657 | 466 | 391 | 1,967 | 1,433 | 378 | 175 | 317 | 24 | 7,494 |
| Into Isabella Storage | - | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| From Isabella Storage | + | 0 | 648 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 725 |
| To NKUSD in Isabella Storage | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DIVERTED AT HEAD | = | 230 | 1,010 | 958 | 688 | 1,224 | 2,341 | 1,823 | 631 | 380 | 498 | 76 | 11,674 |
| Irrigation Deliveries | - | 31 | 891 | 798 | 585 | 892 | 2,123 | 1,581 | 509 | 308 | 429 | 7 | 9,746 |
| NKUSD at Seventh Standard Ln. | - | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 165 |
| Spreading Deliveries | - | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 51 | 204 |
| Canal Loss | = | 56 | 119 | 160 | 103 | 167 | 218 | 242 | 122 | 72 | 59 | 18 | 1,559 |
| IRRIGATION DELIVERY PERCENTAGE | | 13% | 88% | 83% | 85% | 86% | 91% | 87% | 81% | 81% | 86% | 9% | 85% |
| Into Isabella Storage | | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Isabella Evaporation Loss | | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| From Isabella Storage | | 0 | 648 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 725 |
| Transfer in Storage | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| End of Month Isabella Storage | | 654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

SOUTH FORK DIVERSION RIGHT SUMMARY

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-------------------------------|-------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-------|
| Kern River Entitlement | 422 | 317 | 0 | 6 | 115 | 28 | 0 | 0 | 0 | 0 | 14 | 52 | 954 |
| Release | (422) | (45) | 0 | 12 | (46) | (4) | 0 | 0 | 0 | 142 | 49 | 29 | (285) |
| Entitlement + or - Releases | 0 | 272 | 0 | 18 | 69 | 24 | 0 | 0 | 0 | 142 | 63 | 81 | 669 |
| Into Isabella Storage | 0 | 185 | 0 | 2 | 61 | 8 | 0 | 0 | 0 | 136 | 63 | 81 | 536 |
| From Isabella Storage | 0 | 0 | 186 | 0 | 0 | 127 | 163 | 145 | 6 | 0 | 0 | 0 | 627 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Deliveries | 0 | 87 | 186 | 16 | 8 | 143 | 163 | 145 | 6 | 6 | 6 | 0 | 760 |
| Old South Fork | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama Ranch | 0 | 87 | 186 | 16 | 8 | 143 | 163 | 145 | 6 | 6 | 6 | 0 | 760 |
| Into Isabella Storage | 0 | 185 | 0 | 2 | 61 | 8 | 0 | 0 | 0 | 136 | 63 | 81 | 536 |
| From Isabella Storage | 0 | 0 | 186 | 0 | 0 | 127 | 163 | 145 | 6 | 0 | 0 | 0 | 627 |
| Transfer in Storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| End of Month Isabella Storage | 600 | 785 | 599 | 601 | 662 | 543 | 380 | 235 | 229 | 365 | 428 | 509 | 509 |

NORTH KERN WATER STORAGE DISTRICT

Year: 1988

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| NKMSD River Entitlement | 679 | 238 | 0 | 412 | 5,451 | 912 | 48 | 6 | 0 | 0 | 0 | 268 | 8,014 |
| Release | 9,484 | 878 | 0 | 4,048 | 2,570 | 168 | 0 | 567 | 252 | 1,165 | 6,863 | 11,407 | 37,402 |
| ENTITLEMENT + OR - RELEASE | 10,163 | 1,116 | 0 | 4,460 | 8,021 | 1,080 | 48 | 573 | 252 | 1,165 | 6,863 | 11,675 | 45,416 |
| From KRC & Irr. Company | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165 |
| From City of Bakersfield | 131 | 0 | 253 | 2,093 | 7,143 | 7,500 | 4,634 | 0 | 0 | 123 | 0 | 0 | 21,877 |
| From Buena Vista MSD | 0 | 0 | 81 | 1,541 | 296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,918 |
| From Isabella Reservoir Storage | 417 | 5,562 | 7,338 | 2,375 | 173 | 9,673 | 15,351 | 5,143 | 1,021 | 222 | 436 | 944 | 48,655 |
| To City of Bakersfield | 476 | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 37 | 1,257 | 5,504 | 1,013 | 8,379 |
| To Improvement District #4 | 5,478 | 428 | 0 | 0 | 0 | 0 | 0 | 167 | 0 | 0 | 0 | 9,063 | 15,136 |
| To La Hacienda, Inc. | 26 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 77 |
| Into Isabella Reservoir Storage | 2,061 | 20 | 0 | 153 | 11,034 | 7,491 | 4,172 | 243 | 77 | 188 | 470 | 1,126 | 27,035 |
| Transfer in Storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 1,349 | 345 | 4,129 | 1,205 | 922 | 311 | 0 | 0 | 0 | 0 | 8,261 |
| TOTAL DIVERTED FROM RIVER | 2,670 | 6,212 | 9,021 | 10,661 | 8,893 | 11,967 | 16,783 | 5,692 | 992 | 65 | 1,325 | 1,384 | 75,665 |
| Loss to Seventh Standard Line | 113 | 69 | 61 | 66 | 61 | 60 | 61 | 61 | 70 | 88 | 84 | 117 | 911 |
| Oilfield Discharge | 529 | 482 | 494 | 486 | 478 | 478 | 504 | 492 | 478 | 518 | 484 | 492 | 5,935 |
| NKMSD Well Production | 0 | 3,824 | 9,636 | 3,823 | 7,589 | 9,769 | 10,001 | 9,525 | 6,806 | 7,634 | 1,765 | 0 | 70,372 |
| Poso Creek Natural Flow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Friant-Kern Inflow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Semi-Tropic MSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 631 | (462) | 48 | 304 | 0 | 810 | 1,720 | 2,795 | 0 | 0 | 5,846 |
| TOTAL DISTRICT SUPPLY | 3,085 | 10,449 | 19,721 | 14,442 | 16,967 | 22,458 | 27,227 | 16,458 | 9,926 | 10,924 | 3,490 | 1,759 | 156,907 |
| Class 1 Irrigation Deliveries | 314 | 8,258 | 17,984 | 9,581 | 14,187 | 20,076 | 24,397 | 14,406 | 8,262 | 8,349 | 1,490 | 258 | 127,562 |
| Class 2 Irrigation Deliveries | 453 | 608 | 525 | 539 | 581 | 1,256 | 1,188 | 662 | 276 | 719 | 359 | 70 | 7,236 |
| TOTAL IRRIGATION USE | 767 | 8,866 | 18,509 | 10,120 | 14,768 | 21,332 | 25,585 | 15,068 | 8,538 | 9,068 | 1,849 | 328 | 134,798 |
| District Spreading Ponds (Kern) | 672 | 12 | 0 | 2,910 | 720 | 0 | 0 | 0 | 0 | 0 | 132 | 338 | 4,784 |
| District Spreading Ponds (Other) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poso Creek Spreading (Kern) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poso Creek Spreading (Other) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DISTRICT SPREADING | 672 | 12 | 0 | 2,910 | 720 | 0 | 0 | 0 | 0 | 0 | 132 | 338 | 4,784 |
| TOTAL DISTRICT USE | 1,439 | 8,878 | 18,509 | 13,030 | 15,488 | 21,332 | 25,585 | 15,068 | 8,538 | 9,068 | 1,981 | 666 | 139,582 |
| TOTAL NKMSD CANAL LOSS | 1,647 | 1,571 | 1,212 | 1,412 | 1,479 | 1,126 | 1,642 | 1,390 | 1,388 | 1,856 | 1,509 | 1,093 | 17,325 |
| Into Reservoir Storage | 2,061 | 20 | 0 | 153 | 11,034 | 7,491 | 4,172 | 243 | 77 | 188 | 470 | 1,126 | 27,035 |
| Reservoir Evaporation Loss | 461 | 647 | 1,010 | 984 | 1,366 | 1,943 | 2,419 | 1,954 | 1,523 | 1,093 | 543 | 307 | 14,250 |
| From Reservoir Storage | 417 | 5,562 | 7,338 | 2,375 | 173 | 9,673 | 15,351 | 5,143 | 1,021 | 222 | 436 | 944 | 48,655 |
| Transfer in Storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| End of Month Reservoir Storage | 62,192 | 56,003 | 47,655 | 44,449 | 53,944 | 49,819 | 36,221 | 29,367 | 26,900 | 25,773 | 25,264 | 25,139 | 18,737 |

Total Flow via the Beardsley Canal
(At Head of Lined Section)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|--------|----------|--------|--------|-------|----------------|--------|-------|-------|
| 1 | 38 | 47 | 186 | 195 | 203 | 208 | 327 | 313 | 116 | 0 | 31 | 25 |
| 2 | 38 | 47 | 163 | 210 | 148 | 252 | 293 | 336 | 93 | 0 | 73 | 23 |
| 3 | 38 | 52 | 158 | 265 | 135 | 196 | 259 | 310 | 48 | 0 | 96 | 19 |
| 4 | 38 | 56 | 151 | 248 | 149 | 190 | 285 | 276 | 40 | 0 | 74 | 22 |
| 5 | 38 | 53 | 155 | 265 | 195 | 240 | 315 | 215 | 64 | 0 | 50 | 17 |
| 6 | 37 | 57 | 162 | 272 | 208 | 256 | 314 | 150 | 73 | 0 | 49 | 17 |
| 7 | 40 | 69 | 168 | 243 | 265 | 224 | 322 | 133 | 65 | 0 | 34 | 27 |
| 8 | 53 | 75 | 169 | 241 | 256 | 243 | 324 | 176 | 50 | 0 | 33 | 26 |
| 9 | 54 | 82 | 175 | 244 | 211 | 246 | 321 | 165 | 33 | 0 | 27 | 28 |
| 10 | 53 | 96 | 189 | 241 | 254 | 233 | 342 | 143 | 17 | 0 | 31 | 29 |
| 11 | 52 | 113 | 224 | 247 | 231 | 205 | 348 | 146 | 22 | 0 | 28 | 41 |
| 12 | 53 | 131 | 217 | 242 | 234 | 204 | 333 | 145 | 17 | 0 | 23 | 40 |
| 13 | 52 | 138 | 212 | 196 | 239 | 201 | 350 | 96 | 0 | 0 | 22 | 56 |
| 14 | 50 | 140 | 201 | 260 | 249 | 200 | 366 | 79 | 0 | 0 | 20 | 57 |
| 15 | 52 | 130 | 195 | 312 | 266 | 234 | 365 | 112 | 0 | 0 | 30 | 66 |
| 16 | 51 | 103 | 197 | 383 | 277 | 249 | 353 | 100 | 0 | 0 | 22 | 72 |
| 17 | 54 | 118 | 181 | 397 | 287 | 257 | 335 | 93 | 0 | 0 | 25 | 73 |
| 18 | 49 | 129 | 101 | 313 | 277 | 238 | 323 | 109 | 0 | 0 | 32 | 73 |
| 19 | 49 | 138 | 111 | 277 | 264 | 239 | 348 | 107 | 0 | 0 | 50 | 75 |
| 20 | 37 | 146 | 127 | 217 | 236 | 267 | 398 | 75 | 0 | 0 | 52 | 73 |
| 21 | 37 | 152 | 144 | 166 | 203 | 287 | 399 | 72 | 0 | 0 | 49 | 42 |
| 22 | 38 | 178 | 179 | 180 | 201 | 260 | 377 | 131 | 0 | 0 | 62 | 40 |
| 23 | 38 | 188 | 209 | 192 | 180 | 208 | 368 | 157 | 0 | 0 | 58 | 38 |
| 24 | 38 | 176 | 217 | 185 | 174 | 202 | 388 | 134 | 0 | 0 | 43 | 34 |
| 25 | 38 | 174 | 209 | 193 | 191 | 216 | 428 | 73 | 0 | 0 | 45 | 31 |
| 26 | 38 | 171 | 314 | 209 | 225 | 233 | 417 | 51 | 0 | 0 | 38 | 32 |
| 27 | 37 | 180 | 278 | 213 | 206 | 275 | 373 | 15 | 0 | 0 | 32 | 31 |
| 28 | 39 | 186 | 284 | 215 | 195 | 284 | 362 | 17 | 0 | 0 | 32 | 32 |
| 29 | 38 | 207 | 258 | 229 | 229 | 297 | 353 | 64 | 0 | 0 | 24 | 32 |
| 30 | 39 | - | 248 | 242 | 236 | 333 | 306 | 81 | 0 | 3 | 24 | 35 |
| 31 | 40 | - | 213 | - | 225 | - | 275 | 102 | - | 35 | - | 32 |
| TOTAL | 1,346 | 3,532 | 5,995 | 7,292 | 6,849 | 7,177 | 10,667 | 4,176 | 638 | 38 | 1,209 | 1,238 |
| MAXIMUM DAY | 54 | 207 | 314 | 397 | 287 | 333 | 428 | 336 | 116 | 35 | 96 | 75 |
| MINIMUM DAY | 37 | 47 | 101 | 166 | 135 | 190 | 259 | 15 | 0 | 0 | 20 | 17 |
| MEAN | 43 | 122 | 193 | 243 | 221 | 239 | 344 | 135 | 21 | 1 | 40 | 40 |
| TOTAL AC. FT. | 2,670 | 7,006 | 11,891 | 14,464 | 13,585 | 14,235 | 21,158 | 8,284 | 1,265 | 75 | 2,398 | 2,456 |
| WHOLE YEAR:- | TOTAL, | 50,157 | MAXIMUM, | 428 | MINIMUM, | 0 | MEAN, | 137 | TOTAL AC. FT., | 99,487 | | |

NORTH KERN WATER STORAGE DISTRICT
BEARDSLEY CANAL DIVERSION SUMMARY

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| Kern River | + 2,670 | 7,006 | 11,891 | 14,464 | 13,585 | 14,235 | 21,158 | 8,284 | 1,265 | 75 | 2,398 | 2,456 | 99,487 |
| Oilfield Discharge | + 789 | 740 | 795 | 769 | 786 | 753 | 1,594 | 1,818 | 1,560 | 1,586 | 762 | 786 | 12,738 |
| C.V.C. Station "A" | + 208 | 3,953 | 4,743 | 424 | 4,213 | 9,519 | 10,433 | 10,431 | 8,533 | 7,793 | 930 | 0 | 61,180 |
| + TOTAL BEARDSLEY CANAL SUPPLY | = 3,667 | 11,699 | 17,429 | 15,657 | 18,584 | 24,507 | 33,185 | 20,533 | 11,358 | 9,454 | 4,090 | 3,242 | 173,405 |
| KRC & Irr. Co. # 1 Lateral | + 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 51 | 204 |
| KRC & Irr. Co. # 2 Lateral | + 0 | 58 | 162 | 105 | 100 | 239 | 337 | 324 | 62 | 54 | 0 | 0 | 1,441 |
| KRC & Irr. Co. # 4 Lateral | + 0 | 265 | 205 | 85 | 171 | 443 | 702 | 596 | 110 | 16 | 60 | 0 | 2,653 |
| KRC & Irr. Co. # 5 Lateral | + 0 | 426 | 256 | 188 | 406 | 660 | 752 | 785 | 297 | 102 | 148 | 0 | 4,020 |
| KRC & Irr. Co. Bidart Boosters | + 31 | 211 | 270 | 250 | 313 | 403 | 474 | 50 | 109 | 170 | 240 | 7 | 2,528 |
| KRC & Irr. Co. via 1-0-30 | + 0 | 0 | 0 | 0 | 2 | 6 | 5 | 3 | 1 | 2 | 0 | 0 | 21 |
| KRC & Irr. Co. via 1-0-80 | + 0 | 4 | 4 | 4 | 6 | 4 | 10 | 4 | 2 | 2 | 0 | 0 | 40 |
| Lined Section Loss | + 56 | 46 | 61 | 54 | 61 | 60 | 61 | 61 | 50 | 34 | 40 | 18 | 602 |
| - TOTAL KRC & IRR. CO. DIVERTED | = 230 | 1,010 | 958 | 688 | 1,059 | 1,815 | 2,341 | 1,823 | 631 | 380 | 498 | 76 | 11,509 |
| Kern River Supply | - 0 | 794 | 657 | 466 | 777 | 1,540 | 1,967 | 1,433 | 170 | 0 | 317 | 24 | 8,145 |
| Oilfield Discharge Supply | - 230 | 216 | 301 | 222 | 282 | 275 | 374 | 390 | 253 | 205 | 181 | 52 | 2,981 |
| C.V.C. Station "A" Supply | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 175 | 0 | 0 | 383 |
| Camelo WD via Pump Station "B" | + 222 | 3,776 | 5,639 | 3,960 | 7,652 | 9,180 | 12,601 | 11,072 | 6,861 | 5,474 | 1,710 | 1,230 | 69,377 |
| K-TWD via Pump Station "B" | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Camelo WD 8-0 Deliveries | + 0 | 121 | 561 | 220 | 290 | 603 | 758 | 464 | 539 | 105 | 0 | 0 | 3,661 |
| Lined Section Loss: CMD/K-TWD | + 14 | 58 | 61 | 60 | 61 | 60 | 61 | 61 | 60 | 61 | 56 | 48 | 661 |
| Lerdo Loss: CMD/K-TWD | + 2 | 40 | 64 | 44 | 83 | 100 | 137 | 119 | 77 | 56 | 17 | 12 | 751 |
| - TOTAL CMD/K-TWD DIVERTED | = 238 | 3,995 | 6,325 | 4,204 | 8,086 | 9,943 | 13,557 | 11,716 | 7,537 | 5,696 | 1,783 | 1,290 | 74,450 |
| Kern River Supply | - 0 | 0 | 2,213 | 3,799 | 3,915 | 728 | 2,408 | 652 | 103 | 10 | 756 | 1,048 | 15,632 |
| Oilfield Discharge Supply | - 30 | 42 | 0 | 61 | 6 | 0 | 716 | 936 | 829 | 863 | 97 | 242 | 3,822 |
| C.V.C. Station "A" Supply | = 208 | 3,953 | 4,112 | 424 | 4,165 | 9,215 | 10,433 | 10,128 | 6,605 | 4,823 | 930 | 0 | 54,996 |
| - City via NKMSD 8-1-0 Lateral | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - Rosedale Ranch ID Diverted | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - Lined Section Loss: NKMSD | + 113 | 69 | 61 | 66 | 61 | 60 | 61 | 61 | 70 | 88 | 84 | 117 | 911 |
| = NKMSD FROM LERDO CANAL | + 3,086 | 6,625 | 10,085 | 10,619 | 9,378 | 12,689 | 17,226 | 6,933 | 3,120 | 3,290 | 1,725 | 1,759 | 86,535 |
| Kern River Supply | - 2,670 | 6,212 | 9,021 | 10,199 | 8,893 | 11,967 | 16,783 | 6,199 | 992 | 65 | 1,325 | 1,384 | 75,710 |
| Oilfield Discharge Supply | - 529 | 482 | 494 | 486 | 498 | 478 | 504 | 492 | 478 | 518 | 484 | 492 | 5,935 |
| C.V.C. Station "A" Supply | = 0 | 0 | 631 | 0 | 48 | 304 | 0 | 303 | 1,720 | 2,795 | 0 | 0 | 5,801 |

Lerdo Canal at Seventh Standard Line (Total Flow) Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|--------|----------|--------|--------|--------|----------------|---------|-------|-------|
| 1 | 44 | 72 | 211 | 225 | 212 | 322 | 489 | 480 | 285 | 144 | 107 | 30 |
| 2 | 44 | 72 | 173 | 206 | 154 | 364 | 461 | 502 | 262 | 144 | 113 | 28 |
| 3 | 44 | 77 | 176 | 264 | 132 | 315 | 437 | 474 | 224 | 140 | 106 | 22 |
| 4 | 44 | 80 | 164 | 321 | 152 | 296 | 459 | 440 | 224 | 156 | 77 | 25 |
| 5 | 44 | 91 | 170 | 240 | 196 | 348 | 484 | 385 | 249 | 165 | 56 | 19 |
| 6 | 43 | 93 | 154 | 244 | 226 | 368 | 484 | 337 | 266 | 155 | 58 | 18 |
| 7 | 46 | 102 | 203 | 219 | 268 | 386 | 488 | 321 | 261 | 183 | 63 | 34 |
| 8 | 60 | 111 | 217 | 221 | 261 | 397 | 481 | 358 | 240 | 173 | 35 | 35 |
| 9 | 60 | 154 | 211 | 229 | 212 | 401 | 476 | 333 | 224 | 164 | 31 | 36 |
| 10 | 59 | 169 | 236 | 238 | 256 | 392 | 485 | 315 | 186 | 172 | 52 | 37 |
| 11 | 58 | 188 | 214 | 249 | 265 | 363 | 500 | 315 | 197 | 164 | 40 | 48 |
| 12 | 58 | 183 | 204 | 251 | 268 | 363 | 484 | 315 | 189 | 166 | 42 | 48 |
| 13 | 59 | 189 | 211 | 249 | 289 | 333 | 495 | 265 | 165 | 164 | 41 | 66 |
| 14 | 56 | 191 | 254 | 305 | 295 | 341 | 507 | 249 | 157 | 168 | 45 | 71 |
| 15 | 59 | 188 | 245 | 314 | 317 | 374 | 507 | 278 | 163 | 167 | 65 | 82 |
| 16 | 73 | 158 | 250 | 386 | 364 | 392 | 508 | 268 | 154 | 159 | 57 | 92 |
| 17 | 77 | 224 | 246 | 399 | 323 | 398 | 485 | 260 | 137 | 155 | 63 | 92 |
| 18 | 71 | 237 | 263 | 315 | 314 | 378 | 464 | 264 | 137 | 107 | 69 | 95 |
| 19 | 56 | 227 | 276 | 276 | 286 | 375 | 499 | 264 | 132 | 150 | 57 | 95 |
| 20 | 43 | 238 | 286 | 221 | 255 | 411 | 551 | 231 | 125 | 110 | 64 | 87 |
| 21 | 43 | 242 | 315 | 172 | 274 | 432 | 545 | 238 | 128 | 108 | 60 | 49 |
| 22 | 44 | 264 | 351 | 186 | 270 | 405 | 526 | 293 | 136 | 108 | 71 | 46 |
| 23 | 47 | 259 | 385 | 198 | 336 | 353 | 526 | 314 | 140 | 108 | 69 | 47 |
| 24 | 46 | 240 | 390 | 193 | 336 | 341 | 542 | 291 | 138 | 109 | 54 | 43 |
| 25 | 47 | 237 | 384 | 204 | 340 | 357 | 590 | 233 | 124 | 119 | 56 | 39 |
| 26 | 63 | 225 | 388 | 219 | 360 | 372 | 568 | 218 | 124 | 123 | 49 | 41 |
| 27 | 61 | 240 | 347 | 224 | 343 | 423 | 520 | 185 | 132 | 140 | 43 | 40 |
| 28 | 63 | 246 | 357 | 225 | 334 | 437 | 517 | 197 | 138 | 158 | 40 | 40 |
| 29 | 63 | 328 | 366 | 239 | 367 | 450 | 508 | 231 | 155 | 140 | 30 | 40 |
| 30 | 46 | - | 344 | 252 | 378 | 494 | 465 | 252 | 151 | 142 | 28 | 42 |
| 31 | 47 | - | 251 | - | 391 | - | 437 | 265 | - | 138 | - | 25 |
| TOTAL | 1,668 | 5,325 | 8,242 | 7,484 | 8,773 | 11,381 | 15,489 | 9,371 | 5,343 | 4,499 | 1,741 | 1,512 |
| MAXIMUM DAY | 77 | 328 | 390 | 399 | 391 | 494 | 590 | 502 | 285 | 183 | 113 | 95 |
| MINIMUM DAY | 43 | 72 | 154 | 172 | 132 | 296 | 437 | 185 | 124 | 107 | 28 | 18 |
| MEAN | 54 | 184 | 266 | 249 | 283 | 379 | 500 | 302 | 178 | 145 | 58 | 49 |
| TOTAL AC. FT. | 3,310 | 10,562 | 16,349 | 14,843 | 17,403 | 22,572 | 30,722 | 18,588 | 10,597 | 8,925 | 3,452 | 3,001 |
| WHOLE YEAR:-- | TOTAL, | 80,828 | MAXIMUM, | 590 | MINIMUM, | 18 | MEAN, | 221 | TOTAL AC. FT., | 160,324 | | |

NORTH KERN WATER STORAGE DISTRICT
LERDO CANAL DIVERSION SUMMARY

Year: 1988

Quantities in acre-feet

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|--------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| Total Beardsley Canal Supply | + 3,667 | 11,699 | 17,429 | 15,657 | 18,584 | 24,507 | 33,185 | 20,533 | 11,358 | 9,454 | 4,090 | 3,242 | 173,405 |
| + KRC & Irr. Co. Laterals | 143 | 749 | 623 | 378 | 677 | 1,342 | 1,791 | 1,705 | 469 | 172 | 218 | 51 | 8,318 |
| + KRC & Irr. Co. Boosters | 31 | 215 | 274 | 256 | 321 | 413 | 489 | 57 | 112 | 174 | 240 | 7 | 2,589 |
| + Lined Section Loss: KRC & Irr. Co. | 56 | 46 | 61 | 54 | 61 | 60 | 61 | 61 | 50 | 34 | 40 | 18 | 602 |
| = KRC & Irr. Co. from Beardsley | - 230 | 1,010 | 958 | 688 | 1,059 | 1,815 | 2,341 | 1,823 | 631 | 380 | 498 | 76 | 11,509 |
| Rosedale Ranch ID via 1-1-0 | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NKMSD via 1-1-0 Lateral | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other from Beardsley | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lined Section Loss: Camelo WD | - 14 | 58 | 61 | 60 | 61 | 60 | 61 | 61 | 60 | 61 | 56 | 48 | 561 |
| Lined Section Loss: K-TMD | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lined Section Loss: NKMSD | - 113 | 69 | 61 | 66 | 61 | 60 | 61 | 61 | 70 | 88 | 84 | 117 | 911 |
| Lerdo Canal Total Flow | = 3,310 | 10,562 | 16,349 | 14,843 | 17,403 | 22,572 | 30,722 | 18,588 | 10,597 | 8,925 | 3,452 | 3,001 | 160,324 |
| KRC & Irr. Co. via 8-1-0 | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| City via 8-1-0 | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rosedale Ranch ID via 8-1-0 | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + Camelo WD Delivered at Sta. "B" | 222 | 3,776 | 5,639 | 3,960 | 7,652 | 9,180 | 12,601 | 11,072 | 6,861 | 5,474 | 1,710 | 1,230 | 69,377 |
| + Camelo WD 8-0 Deliveries | 0 | 121 | 561 | 220 | 290 | 603 | 758 | 464 | 539 | 105 | 0 | 0 | 3,661 |
| + Lerdo Loss: to Station "B" | 2 | 38 | 56 | 40 | 77 | 92 | 126 | 111 | 69 | 55 | 17 | 12 | 695 |
| + Lerdo Loss: 8-0 Deliveries | 0 | 2 | 8 | 4 | 6 | 8 | 11 | 8 | 8 | 1 | 0 | 0 | 56 |
| = Camelo WD Total from Lerdo | - 224 | 3,937 | 6,264 | 4,224 | 8,025 | 9,883 | 13,496 | 11,655 | 7,477 | 5,635 | 1,727 | 1,242 | 73,789 |
| + K-TMD Delivered at Sta. "B" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| + Lerdo Loss: to Station "B" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| = Kern-Tulare WD Total from Lerdo | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Kern MSD from Lerdo | = 3,086 | 6,625 | 10,085 | 10,619 | 9,378 | 12,689 | 17,226 | 6,933 | 3,120 | 3,290 | 1,725 | 1,759 | 86,535 |

Year: 1988

Total Flow via the Calloway Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|-------|----------|-----|-------|-------|----------------|--------|-------|-------|
| 1 | 59 | 56 | 24 | 37 | 29 | 0 | 0 | 63 | 66 | 32 | 76 | 29 |
| 2 | 59 | 38 | 21 | 47 | 33 | 0 | 0 | 60 | 57 | 36 | 53 | 42 |
| 3 | 53 | 50 | 20 | 40 | 32 | 0 | 0 | 62 | 56 | 37 | 49 | 53 |
| 4 | 20 | 26 | 21 | 33 | 46 | 0 | 0 | 56 | 59 | 35 | 50 | 40 |
| 5 | 20 | 22 | 25 | 30 | 30 | 0 | 0 | 63 | 66 | 30 | 52 | 50 |
| 6 | 20 | 18 | 30 | 35 | 35 | 0 | 0 | 60 | 69 | 28 | 64 | 47 |
| 7 | 21 | 14 | 26 | 44 | 29 | 0 | 0 | 56 | 60 | 27 | 91 | 42 |
| 8 | 20 | 13 | 36 | 42 | 34 | 0 | 7 | 57 | 56 | 30 | 107 | 40 |
| 9 | 9 | 11 | 34 | 34 | 35 | 0 | 14 | 65 | 58 | 36 | 94 | 37 |
| 10 | 21 | 0 | 27 | 44 | 43 | 0 | 15 | 68 | 58 | 34 | 88 | 36 |
| 11 | 19 | 0 | 26 | 45 | 44 | 0 | 17 | 63 | 57 | 22 | 90 | 40 |
| 12 | 21 | 0 | 31 | 43 | 44 | 0 | 19 | 57 | 56 | 20 | 91 | 46 |
| 13 | 20 | 0 | 33 | 30 | 42 | 0 | 39 | 61 | 57 | 13 | 115 | 42 |
| 14 | 20 | 0 | 34 | 20 | 20 | 0 | 65 | 57 | 55 | 11 | 131 | 42 |
| 15 | 19 | 0 | 38 | 21 | 0 | 0 | 61 | 57 | 51 | 12 | 88 | 41 |
| 16 | 26 | 0 | 33 | 20 | 0 | 0 | 59 | 55 | 52 | 18 | 78 | 39 |
| 17 | 22 | 0 | 33 | 25 | 35 | 0 | 64 | 57 | 50 | 21 | 78 | 40 |
| 18 | 18 | 0 | 34 | 27 | 38 | 0 | 63 | 57 | 52 | 24 | 104 | 40 |
| 19 | 14 | 0 | 34 | 26 | 48 | 0 | 57 | 59 | 54 | 26 | 70 | 41 |
| 20 | 17 | 0 | 34 | 20 | 46 | 0 | 64 | 64 | 67 | 23 | 75 | 41 |
| 21 | 20 | 0 | 35 | 19 | 27 | 0 | 65 | 63 | 66 | 33 | 83 | 47 |
| 22 | 21 | 0 | 35 | 20 | 43 | 0 | 71 | 61 | 59 | 28 | 45 | 42 |
| 23 | 20 | 0 | 34 | 20 | 54 | 0 | 70 | 56 | 58 | 32 | 42 | 37 |
| 24 | 20 | 0 | 34 | 20 | 29 | 0 | 70 | 59 | 64 | 33 | 54 | 34 |
| 25 | 20 | 0 | 34 | 27 | 47 | 0 | 66 | 58 | 54 | 29 | 42 | 43 |
| 26 | 26 | 0 | 35 | 31 | 42 | 0 | 61 | 57 | 62 | 24 | 40 | 32 |
| 27 | 26 | 0 | 31 | 27 | 48 | 0 | 65 | 65 | 58 | 23 | 39 | 35 |
| 28 | 20 | 0 | 30 | 26 | 38 | 0 | 63 | 57 | 39 | 105 | 51 | 41 |
| 29 | 37 | 0 | 36 | 27 | 37 | 0 | 63 | 56 | 36 | 102 | 44 | 40 |
| 30 | 56 | - | 36 | 30 | 38 | 0 | 57 | 62 | 31 | 99 | 45 | 37 |
| 31 | 54 | - | 36 | - | 44 | - | 65 | 65 | - | 73 | - | 37 |
| TOTAL | 818 | 248 | 970 | 910 | 1,090 | 0 | 1,260 | 1,856 | 1,683 | 1,096 | 2,129 | 1,253 |
| MAXIMUM DAY | 59 | 56 | 38 | 47 | 54 | 0 | 71 | 68 | 69 | 105 | 131 | 53 |
| MINIMUM DAY | 9 | 0 | 20 | 19 | 0 | 0 | 0 | 55 | 31 | 11 | 39 | 29 |
| MEAN | 26 | 9 | 31 | 30 | 35 | 0 | 41 | 60 | 56 | 35 | 71 | 40 |
| TOTAL AC.-FT. | 1,623 | 492 | 1,924 | 1,805 | 2,162 | 0 | 2,499 | 3,681 | 3,338 | 2,174 | 4,223 | 2,485 |
| WHOLE YEAR:- | TOTAL, | 13,313 | MAXIMUM, | 131 | MINIMUM, | 0 | MEAN, | 36 | TOTAL AC.-FT., | 26,406 | | |

NORTH KERN WATER STORAGE DISTRICT
ALLOWAY CANAL DIVERSION SUMMARY

Quantities in acre-feet

Year: 1988

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---|---------|-----|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|--------|
| FLOW AT HEADWORKS | + 1,623 | 492 | 1,924 | 1,805 | 2,162 | 0 | 2,499 | 3,681 | 3,338 | 2,174 | 4,223 | 2,485 | 26,406 |
| KDMA Armeto Turnout | - 1,121 | 282 | 1,785 | 1,672 | 1,984 | 0 | 2,318 | 3,443 | 3,116 | 1,407 | 2,463 | 2,015 | 21,606 |
| Seepage Loss | - 123 | 36 | 139 | 133 | 143 | 0 | 147 | 208 | 194 | 230 | 164 | 172 | 1,709 |
| FLOW AT MEASURING STATION | = 379 | 174 | 0 | 0 | 35 | 0 | 34 | 30 | 28 | 537 | 1,576 | 298 | 3,091 |
| CVC Inflow to Calloway | + 0 | 0 | 0 | 0 | 0 | 0 | 180 | 206 | 0 | 0 | 0 | 0 | 386 |
| Seepage Loss | - 145 | 40 | 0 | 0 | 35 | 0 | 119 | 125 | 28 | 166 | 497 | 262 | 1,417 |
| FLOW AT STANDARD WEIR | = 234 | 134 | 0 | 0 | 0 | 0 | 95 | 111 | 0 | 371 | 1,079 | 36 | 2,060 |
| Bartell Spreading | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Friant-Kern Inflow | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KRC & Irr. Co. Calloway Del. | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KRC & Irr. Co. 1-1-0 Inflow | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Seepage Loss | - 234 | 134 | 0 | 0 | 0 | 0 | 95 | 111 | 0 | 371 | 1,079 | 38 | 2,062 |
| FLOW AT LABORDE WEIR | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KRC & Irr. Co. Calloway Del. | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rosedale Ranch ID at Headworks | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seepage Loss | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NKMSD B-1-0 Inflow | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FLOW AT SEVENTH STANDARD LINE | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| for Rosedale Ranch ID | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| for North Kern WSD | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KERN COUNTY WATER AGENCY: | | | | | | | | | | | | | |
| Operating Loss | + 135 | 40 | 155 | 157 | 173 | 0 | 175 | 232 | 214 | 272 | 206 | 190 | 1,949 |
| Turnout # 4 to River | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ID # 4 Treatment Plant | + 1,109 | 278 | 1,769 | 1,648 | 1,954 | 0 | 2,290 | 3,419 | 3,095 | 1,365 | 2,441 | 1,997 | 21,366 |
| Spreading Below Measuring Sta. | + 379 | 174 | 0 | 0 | 35 | 0 | 34 | 30 | 28 | 537 | 1,576 | 298 | 3,091 |
| TOTAL DIVERTED | = 1,623 | 492 | 1,924 | 1,805 | 2,162 | 0 | 2,499 | 3,681 | 3,338 | 2,174 | 4,223 | 2,485 | 26,406 |
| KERN RIVER CANAL & IRRIGATING CO.: | | | | | | | | | | | | | |
| Calloway Irrigation Deliveries | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delivery Loss/ Spreading | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| TOTAL DIVERTED | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| ROSEDALE RANCH ID: | | | | | | | | | | | | | |
| Flow at Headworks | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Flow at Seventh Standard Line | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Assigned Loss | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DIVERTED | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NORTH KERN WATER STORAGE DISTRICT: | | | | | | | | | | | | | |
| Flow at Seventh Standard Line | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Loss | + 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL DIVERTED | = 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

North Kern Water Storage District
Class 1 Irrigation Deliveries

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|--------|----------|-------|----------|--------|--------|--------|----------------|---------|-------|-----|
| 1 | 0 | 29 | 309 | 220 | 24 | 251 | 380 | 383 | 160 | 115 | 90 | 6 |
| 2 | 4 | 20 | 297 | 179 | 72 | 303 | 373 | 368 | 156 | 103 | 89 | 5 |
| 3 | 4 | 28 | 280 | 142 | 74 | 299 | 342 | 377 | 143 | 122 | 85 | 0 |
| 4 | 5 | 29 | 256 | 253 | 107 | 317 | 330 | 350 | 136 | 134 | 83 | 0 |
| 5 | 0 | 22 | 264 | 264 | 144 | 268 | 380 | 348 | 152 | 137 | 38 | 0 |
| 6 | 4 | 20 | 262 | 274 | 182 | 311 | 390 | 282 | 167 | 126 | 40 | 0 |
| 7 | 19 | 19 | 254 | 272 | 200 | 326 | 393 | 237 | 150 | 160 | 52 | 0 |
| 8 | 21 | 33 | 259 | 261 | 195 | 342 | 421 | 269 | 181 | 152 | 46 | 2 |
| 9 | 35 | 38 | 260 | 250 | 231 | 328 | 396 | 252 | 169 | 132 | 50 | 0 |
| 10 | 11 | 57 | 250 | 237 | 224 | 345 | 387 | 235 | 177 | 155 | 39 | 0 |
| 11 | 7 | 77 | 234 | 247 | 252 | 324 | 411 | 248 | 149 | 178 | 40 | 0 |
| 12 | 8 | 93 | 232 | 244 | 287 | 417 | 295 | 149 | 149 | 183 | 16 | 14 |
| 13 | 7 | 117 | 217 | 243 | 282 | 342 | 398 | 260 | 148 | 188 | 12 | 13 |
| 14 | 7 | 111 | 266 | 246 | 252 | 322 | 430 | 198 | 156 | 187 | 12 | 5 |
| 15 | 3 | 151 | 264 | 239 | 262 | 343 | 423 | 224 | 148 | 143 | 7 | 13 |
| 16 | 0 | 146 | 280 | 203 | 267 | 366 | 404 | 228 | 136 | 118 | 5 | 9 |
| 17 | 0 | 172 | 298 | 165 | 250 | 337 | 357 | 212 | 130 | 154 | 10 | 9 |
| 18 | 0 | 179 | 302 | 165 | 262 | 362 | 361 | 242 | 96 | 138 | 8 | 4 |
| 19 | 0 | 186 | 310 | 150 | 281 | 354 | 371 | 242 | 138 | 190 | 3 | 7 |
| 20 | 0 | 210 | 316 | 147 | 263 | 375 | 395 | 189 | 124 | 160 | 3 | 7 |
| 21 | 5 | 203 | 304 | 147 | 227 | 395 | 422 | 162 | 126 | 149 | 4 | 8 |
| 22 | 0 | 247 | 318 | 46 | 226 | 430 | 430 | 203 | 134 | 122 | 3 | 2 |
| 23 | 0 | 253 | 344 | 43 | 274 | 355 | 428 | 194 | 127 | 104 | 3 | 0 |
| 24 | 0 | 245 | 340 | 29 | 309 | 323 | 416 | 204 | 133 | 113 | 0 | 0 |
| 25 | 0 | 273 | 363 | 26 | 319 | 323 | 428 | 196 | 108 | 111 | 4 | 0 |
| 26 | 6 | 283 | 325 | 31 | 317 | 321 | 437 | 180 | 103 | 117 | 3 | 0 |
| 27 | 0 | 310 | 317 | 21 | 323 | 386 | 421 | 133 | 109 | 132 | 0 | 0 |
| 28 | 0 | 303 | 341 | 30 | 293 | 370 | 412 | 98 | 103 | 118 | 1 | 7 |
| 29 | 3 | 309 | 351 | 27 | 255 | 370 | 389 | 125 | 127 | 92 | 3 | 8 |
| 30 | 4 | - | 333 | 29 | 241 | 387 | 395 | 145 | 130 | 85 | 2 | 7 |
| 31 | 6 | - | 321 | - | 258 | - | 363 | 184 | - | 91 | - | 4 |
| TOTAL | 159 | 4,163 | 9,067 | 4,830 | 7,153 | 10,122 | 12,300 | 7,263 | 4,165 | 4,209 | 751 | 130 |
| MAXIMUM DAY | 35 | 310 | 363 | 274 | 323 | 395 | 437 | 383 | 181 | 190 | 90 | 14 |
| MINIMUM DAY | 0 | 19 | 217 | 21 | 24 | 251 | 330 | 98 | 96 | 85 | 0 | 0 |
| MEAN | 5 | 144 | 292 | 161 | 231 | 337 | 397 | 234 | 139 | 136 | 25 | 4 |
| TOTAL AC. FT. | 314 | 8,258 | 17,984 | 9,581 | 14,187 | 20,076 | 24,397 | 14,406 | 8,262 | 8,349 | 1,490 | 258 |
| WHOLE YEAR:- | TOTAL, | 64,312 | MAXIMUM, | 437 | MINIMUM, | 0 | MEAN, | 176 | TOTAL AC. FT., | 127,562 | | |

North Kern Water Storage District
Class 2 Irrigation Deliveries

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-------|----------|-----|----------|-------|-------|-----|---------------|-------|-----|-----|
| 1 | 0 | 11 | 3 | 11 | 2 | 13 | 17 | 28 | 12 | 0 | 8 | 2 |
| 2 | 0 | 9 | 3 | 7 | 6 | 17 | 18 | 24 | 11 | 0 | 9 | 2 |
| 3 | 2 | 10 | 4 | 6 | 4 | 16 | 14 | 30 | 11 | 9 | 7 | 3 |
| 4 | 6 | 11 | 3 | 10 | 2 | 19 | 16 | 26 | 6 | 9 | 6 | 2 |
| 5 | 2 | 10 | 6 | 19 | 3 | 17 | 16 | 20 | 5 | 13 | 6 | 0 |
| 6 | 2 | 11 | 7 | 17 | 6 | 29 | 16 | 16 | 9 | 13 | 6 | 0 |
| 7 | 4 | 9 | 10 | 19 | 5 | 22 | 18 | 8 | 6 | 18 | 6 | 0 |
| 8 | 2 | 21 | 6 | 19 | 11 | 18 | 18 | 9 | 5 | 9 | 7 | 0 |
| 9 | 3 | 21 | 5 | 21 | 10 | 23 | 17 | 7 | 5 | 8 | 8 | 0 |
| 10 | 0 | 8 | 6 | 13 | 13 | 19 | 16 | 12 | 5 | 9 | 9 | 0 |
| 11 | 0 | 13 | 6 | 10 | 13 | 16 | 17 | 11 | 4 | 14 | 9 | 0 |
| 12 | 5 | 13 | 6 | 16 | 17 | 17 | 20 | 12 | 9 | 14 | 8 | 0 |
| 13 | 7 | 15 | 8 | 11 | 7 | 19 | 19 | 7 | 7 | 15 | 5 | 0 |
| 14 | 14 | 15 | 6 | 10 | 18 | 21 | 20 | 1 | 8 | 16 | 7 | 0 |
| 15 | 15 | 12 | 10 | 11 | 16 | 24 | 27 | 7 | 6 | 20 | 8 | 3 |
| 16 | 13 | 10 | 18 | 3 | 16 | 34 | 25 | 9 | 10 | 13 | 8 | 3 |
| 17 | 9 | 10 | 16 | 3 | 13 | 33 | 17 | 9 | 5 | 13 | 9 | 6 |
| 18 | 9 | 13 | 14 | 7 | 8 | 25 | 25 | 9 | 0 | 10 | 7 | 4 |
| 19 | 12 | 16 | 5 | 11 | 8 | 22 | 21 | 11 | 0 | 15 | 7 | 6 |
| 20 | 9 | 12 | 4 | 4 | 5 | 25 | 16 | 6 | 0 | 15 | 9 | 4 |
| 21 | 12 | 10 | 8 | 3 | 4 | 19 | 17 | 5 | 0 | 17 | 8 | 0 |
| 22 | 9 | 13 | 8 | 4 | 7 | 14 | 21 | 7 | 0 | 16 | 7 | 0 |
| 23 | 10 | 11 | 14 | 4 | 13 | 16 | 30 | 3 | 5 | 12 | 0 | 0 |
| 24 | 12 | 3 | 13 | 3 | 13 | 19 | 24 | 6 | 3 | 13 | 0 | 0 |
| 25 | 1 | 5 | 9 | 9 | 14 | 20 | 18 | 6 | 0 | 12 | 2 | 0 |
| 26 | 10 | 5 | 7 | 4 | 10 | 19 | 24 | 5 | 0 | 12 | 1 | 0 |
| 27 | 10 | 3 | 8 | 3 | 5 | 18 | 20 | 3 | 0 | 13 | 0 | 0 |
| 28 | 10 | 3 | 9 | 3 | 4 | 19 | 20 | 3 | 0 | 15 | 5 | 0 |
| 29 | 14 | 4 | 8 | 7 | 1 | 27 | 20 | 12 | 5 | 8 | 4 | 0 |
| 30 | 13 | - | 17 | 4 | 6 | 28 | 19 | 10 | 2 | 6 | 5 | 0 |
| 31 | 13 | - | 18 | - | 20 | - | 13 | 12 | - | 6 | - | 0 |
| TOTAL | 228 | 307 | 265 | 272 | 293 | 633 | 599 | 334 | 139 | 363 | 181 | 35 |
| MAXIMUM DAY | 15 | 21 | 18 | 21 | 20 | 34 | 30 | 30 | 12 | 20 | 9 | 6 |
| MINIMUM DAY | 0 | 3 | 3 | 3 | 1 | 13 | 13 | 1 | 0 | 0 | 0 | 0 |
| MEAN | 7 | 11 | 9 | 9 | 9 | 21 | 19 | 11 | 5 | 12 | 6 | 1 |
| TOTAL AC.FT. | 453 | 608 | 525 | 539 | 581 | 1,256 | 1,188 | 662 | 276 | 719 | 359 | 70 |
| WHOLE YEAR:- | TOTAL, | 3,649 | MAXIMUM, | 34 | MINIMUM, | 0 | MEAN, | 10 | TOTAL AC.FT., | 7,236 | | |

DISCHARGE IN CUBIC FEET PER SECOND Poso Creek Natural Flow as Measured at Highway "99" Year: 1988

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 0 | MAXIMUM, | 0 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC. FT., | 0 | | 0 |

Year: 1988

Total Flow via the James Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 0 | MAXIMUM, | 0 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC. FT., | 0 | | 0 |

Year: 1988

Total Flow via the Pioneer Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|---------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:-- | TOTAL, | 0 | MAXIMUM, | 0 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC.FT., | 0 | 0 | 0 |

Year: 1988

Total Flow via the Rosedale Ranch I. D. Headgate

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-----|----------|-----|----------|-----|-------|-----|----------------|-----|-----|-----|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 0 | MAXIMUM, | 0 | MINIMUM, | 0 | MEAN, | 0 | TOTAL AC. FT., | 0 | | 0 |

DISCHARGE IN CUBIC FEET PER SECOND

North Kern MSD Exchange Water Delivered to I. D. No. 4
(Per terms of NWMSD/I.D. #4 Exchange Agreement Dated 12-08-87)

Year: 1988

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-----|----------|-----|-------|-----|----------------|-------|-----|-----|
| 1 | 181 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 167 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 86 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 125 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 196 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 197 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 184 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 129 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 114 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 86 | - | 0 | 0 | - | - | 0 | 0 | - | 0 | - | 0 |
| TOTAL | 2,762 | 216 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAXIMUM DAY | 197 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MINIMUM DAY | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 89 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL AC. FT. | 5,478 | 428 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 2,978 | MAXIMUM, | 197 | MINIMUM, | 0 | MEAN, | 8 | TOTAL AC. FT., | 5,906 | | |

North Kern MSD Exchange Water Delivered to I. D. No. 4
(Per terms of NKMSD/I.D. #4 Exchange Agreement Dated 9-09-88)

Year: 1988

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|--------|-------|----------|-----|----------|-----|-------|-----|---------------|-------|-----|-------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 140 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 136 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 213 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 269 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 294 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 284 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 264 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 162 |
| 30 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 168 |
| 31 | 0 | - | 0 | 0 | 0 | - | 0 | 0 | - | 0 | 0 | 180 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 4,569 |
| MAXIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 294 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 147 |
| TOTAL AC.FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 0 | 0 | 9,063 |
| WHOLE YEAR:- | TOTAL, | 4,653 | MAXIMUM, | 294 | MINIMUM, | 0 | MEAN, | 13 | TOTAL AC.FT., | 9,230 | | |

Year: 1988

Improvement District No. 4 Exchange Payback to North Kern WSD

DISCHARGE IN CUBIC FEET PER SECOND

| DATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---------------|--------|-------|----------|-----|----------|-------|-------|-----|---------------|--------|-----|-----|
| 1 | 0 | 0 | 0 | 30 | 0 | 120 | 15 | 0 | 0 | 32 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 118 | 15 | 0 | 0 | 32 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 130 | 15 | 0 | 17 | 17 | 0 | 0 |
| 4 | 0 | 0 | 0 | 59 | 0 | 120 | 15 | 0 | 23 | 19 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 120 | 15 | 0 | 14 | 32 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 15 | 0 | 15 | 0 | 0 | 23 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 21 | 15 | 0 | 0 | 51 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 6 | 47 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 10 | 38 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | 28 | 46 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 52 | 0 | 15 | 8 | 36 | 66 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 52 | 0 | 15 | 24 | 33 | 68 | 0 | 0 |
| 13 | 0 | 0 | 0 | 44 | 70 | 0 | 15 | 28 | 60 | 68 | 0 | 0 |
| 14 | 0 | 0 | 0 | 40 | 70 | 18 | 15 | 28 | 54 | 71 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 70 | 13 | 15 | 27 | 60 | 70 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 100 | 12 | 15 | 39 | 51 | 63 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 50 | 13 | 15 | 36 | 41 | 59 | 0 | 0 |
| 18 | 0 | 0 | 99 | 0 | 50 | 17 | 15 | 30 | 42 | 27 | 0 | 0 |
| 19 | 0 | 0 | 100 | 0 | 35 | 23 | 15 | 18 | 37 | 66 | 0 | 0 |
| 20 | 0 | 0 | 99 | 0 | 25 | 16 | 15 | 18 | 30 | 51 | 0 | 0 |
| 21 | 0 | 0 | 95 | 0 | 70 | 0 | 15 | 11 | 33 | 51 | 0 | 0 |
| 22 | 0 | 0 | 72 | 0 | 70 | 0 | 15 | 6 | 40 | 50 | 0 | 0 |
| 23 | 0 | 0 | 56 | 0 | 160 | 0 | 15 | 0 | 44 | 51 | 0 | 0 |
| 24 | 0 | 0 | 58 | 0 | 162 | 0 | 15 | 0 | 41 | 52 | 0 | 0 |
| 25 | 0 | 0 | 95 | 0 | 160 | 3 | 15 | 0 | 28 | 41 | 0 | 0 |
| 26 | 0 | 0 | 31 | 0 | 145 | 14 | 15 | 2 | 28 | 43 | 0 | 0 |
| 27 | 0 | 0 | 23 | 0 | 145 | 3 | 15 | 3 | 23 | 62 | 0 | 0 |
| 28 | 0 | 0 | 49 | 0 | 145 | 0 | 15 | 4 | 28 | 50 | 0 | 0 |
| 29 | 0 | 0 | 83 | 0 | 145 | 0 | 15 | 5 | 32 | 32 | 0 | 0 |
| 30 | 0 | - | 98 | 0 | 145 | 0 | 15 | 6 | 28 | 31 | 0 | 0 |
| 31 | 0 | - | 40 | - | 170 | - | 15 | 6 | - | 0 | - | 0 |
| TOTAL | 0 | 0 | 998 | 173 | 2,106 | 761 | 465 | 310 | 867 | 1,409 | 0 | 0 |
| MAXIMUM DAY | 0 | 0 | 100 | 59 | 170 | 130 | 15 | 39 | 60 | 71 | 0 | 0 |
| MINIMUM DAY | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 0 | 0 | 32 | 6 | 68 | 25 | 15 | 10 | 29 | 45 | 0 | 0 |
| AC.FT. | 0 | 0 | 1,980 | 343 | 4,177 | 1,509 | 922 | 614 | 1,720 | 2,795 | 0 | 0 |
| ASSIGNED LOSS | 0 | 0 | 0 | 9 | 22 | 5 | 4 | 2 | 8 | 14 | 0 | 0 |
| TOTAL AC.FT. | 0 | 0 | 1,989 | 345 | 4,199 | 1,514 | 926 | 616 | 1,728 | 2,809 | 0 | 0 |
| WHOLE YEAR:- | TOTAL, | 7,089 | MAXIMUM, | 170 | MINIMUM, | 0 | MEAN, | 19 | TOTAL AC.FT., | 14,126 | | |

Year: 1988

Quantities in acre-feet

NORTH KERN WATER STORAGE DISTRICT
STATUS OF EXCHANGE

| | CAMELO WD | KERN-TULARE WD | KERN COUNTY WATER AGENCY | IMPROVEMENT DISTRICT NO. 4 | JAMES-PIONEER ID | ROSEDALE RANCH ID | LA HACIENDA, INC. | BUENA VISTA MSD |
|----------------|--------------|-------------------|-----------------------------|-------------------------------|---------------------|----------------------|----------------------|--------------------|
| | to | to | to | to | to | to | to | to |
| | from | from | from | from | from | from | from | from |
| January | 0 | 0 | 0 | 5,478 | 0 | 0 | 26 | 0 |
| February | 0 | 0 | 0 | 428 | 0 | 0 | 18 | 0 |
| March | 1,349 | 0 | 0 | 0 | 1,989 | 0 | 0 | 81 |
| April | 805 | 343 | 0 | 0 | 345 | 0 | 0 | 1,541 |
| May | 4,129 | 4,129 | 0 | 0 | 4,199 | 0 | 0 | 296 |
| June | 1,205 | 1,205 | 0 | 0 | 1,514 | 0 | 0 | 0 |
| July | 922 | 922 | 0 | 0 | 926 | 0 | 0 | 0 |
| August | 311 | 818 | 0 | 0 | 616 | 0 | 0 | 0 |
| September | 0 | 0 | 0 | 167 | 1,728 | 0 | 0 | 0 |
| October | 0 | 0 | 0 | 0 | 2,809 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 9,063 | 0 | 0 | 33 | 0 |
| Yearly Status | 8,721 | 8,766 | 0 | 15,136 | 14,126 | 0 | 77 | 1,918 |
| Overall Status | 0 | 0 | 0 | 20,089 | 0 | 3,497 | 34,789 | 1,918 |

WATER EXCHANGE BETWEEN
NORTH KERN MSD and CITY OF BAKERSFIELD
THREE YEAR RECAPITULATION

Quantities in acre-feet

| 1986 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NKMSD to CITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 4,931 | 0 | 0 | 5,000 |
| CITY to NKMSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CITY Debit to NKMSD | 24,442 | 24,442 | 24,442 | 24,442 | 24,442 | 24,442 | 24,442 | 24,442 | 24,511 | 29,442 | 29,442 | 29,442 | 29,442 |
| Other Purchase Rate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

1987

| | | | | | | | | | | | | | |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NKMSD to CITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,448 | 0 | 2,448 |
| CITY to NKMSD | 0 | 0 | 985 | 870 | 587 | 5,058 | 0 | 0 | 0 | 0 | 0 | 0 | 7,500 |
| CITY Debit to NKMSD | 29,442 | 29,442 | 28,457 | 27,587 | 27,000 | 21,942 | 21,942 | 21,942 | 21,942 | 21,942 | 24,350 | 24,350 | 24,350 |
| Other Purchase Rate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

1988

| | | | | | | | | | | | | | |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NKMSD to CITY | 476 | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 37 | 1,257 | 5,504 | 1,013 | 8,379 |
| CITY to NKMSD | 131 | 0 | 0 | 1,341 | 282 | 0 | 0 | 0 | 0 | 123 | 0 | 0 | 1,877 |
| CITY Debit to NKMSD | 24,735 | 24,735 | 24,735 | 23,394 | 23,112 | 23,112 | 23,112 | 23,204 | 23,241 | 24,375 | 29,879 | 30,892 | 30,892 |
| Other Purchase Rate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

COST ALLOCATION AND WATERMASTER SUMMARIES

CARRIER CANAL SYSTEM - ALLOCATION
Utilization of Water - Preceding Five Years

| Quantities in acre-feet | Year: 1988 | | | | | Five Year Total | Allocation Percentage |
|--|------------|---------|---------|--------|--------|--------------------|--------------------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | | |
| TOTAL CARRIER CANAL FLOW (1) | 289,646 | 178,420 | 315,226 | 68,984 | 44,972 | 897,248 | 100.00% |
| Stine Canal Total Diverted (2) | 49,598 | 44,652 | 52,925 | 11,463 | 7,553 | 166,191 | 18.52% |
| Buena Vista Canal Total Diverted (2) | 40,068 | 37,000 | 51,761 | 26,648 | 18,551 | 174,028 | 19.40% |
| KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL | 89,666 | 81,652 | 104,686 | 38,111 | 26,104 | 340,219 | 37.92% |
| KERN RIVER CONDUIT (City of Bakersfield) | 199,980 | 96,768 | 210,540 | 30,873 | 18,868 | 557,029 | 62.08% |

Notes: (1) Sum of Carrier canal flow at Oak St. and River canal inflow.
(2) Sum of headgate diversion and pro-rated share of Carrier canal loss.

CALLOWAY AND BEARDSLEY CANALS

Allocation of Joint Accounts

1988

Quantities in acre-feet

| Year | NKMSD | CITY | Subtotal | I.D. #4 | TOTAL |
|----------------|----------------|----------------|----------------|----------------|----------------|
| 1979 | 39,276 | 23,245 | 62,521 | - | 62,521 |
| 1980 | 114,256 | 60,017 | 174,273 | - | 174,273 |
| 1981 | 1,575 | 6,970 | 8,545 | - | 8,545 |
| 1982 | 108,213 | 21,457 | 129,670 | 37,494 | 167,164 |
| 1983 | 132,111 | 21,645 | 153,756 | 31,708 | 185,464 |
| 1984 | 10,478 | 4,607 | 15,085 | 16,534 | 31,619 |
| 1985 | 9,550 | 4 | 9,554 | 27,827 | 37,381 |
| 1986 | 110,443 | 33,807 | 144,250 | 63,711 | 207,961 |
| 1987 | 1,900 | 0 | 1,900 | 27,183 | 29,083 |
| 1988 | 0 | 0 | 0 | 26,406 | 26,406 |
| Total | 527,802 | 171,752 | 699,554 | 230,863 | 930,417 |
| Percent | 75.45% | 24.55% | 100.00% | | |

BEARDSLEY CANAL USED

Preceding Five Years

Diverted via Beardsley Canal

| Year | NKMSD | CITY | TOTAL |
|----------------|----------------|---------------|----------------|
| 1984 | 215,983 | 19,725 | 235,708 |
| 1985 | 170,968 | 17,850 | 188,818 |
| 1986 | 222,907 | 21,501 | 244,408 |
| 1987 | 125,018 | 16,041 | 141,059 |
| 1988 | 87,281 | 12,416 | 99,697 |
| Total | 822,157 | 87,533 | 909,690 |
| Percent | 90.38% | 9.62% | 100.00% |

Note: I.D. #4 included within City capacity prior to 1982.
(NKMSD-City-I.D. #4 Agreement dated April 28, 1982.)

HYDROGRAPHIC SUMMARY
UTILIZATION OF WATER - FIRST POINT GROUP - PRECEDING FIVE YEARS

Quantities in acre-feet

Year: 1988

| Canal | Five Year | | | | | Total | Percentage |
|---|----------------|----------------|------------------|----------------|----------------|------------------|----------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 | | |
| Kern Island | 153,320 | 150,150 | 139,292 | 130,693 | 123,466 | 696,921 | 23.61% |
| Eastside | 22,531 | 20,904 | 20,575 | 17,226 | 15,455 | 96,691 | 3.28% |
| Buena Vista | 28,299 | 25,082 | 44,892 | 16,602 | 11,571 | 126,446 | 4.28% |
| Stine | 36,071 | 32,230 | 35,118 | 11,532 | 7,349 | 122,300 | 4.14% |
| Farmers | 20,932 | 18,117 | 23,349 | 8,619 | 4,606 | 75,623 | 2.56% |
| Subtotal Kern Delta MD | 261,153 | 246,483 | 263,226 | 184,672 | 162,447 | 1,117,981 | 37.87% |
| City of Bakersfield | 156,421 | 95,941 | 242,905 | 39,494 | 21,808 | 556,569 | 18.86% |
| K.R.C. & I. Co. (Beardsley) | 11,287 | 10,724 | 15,079 | 11,699 | 8,145 | 56,934 | 1.93% |
| Central - I.D. #4 (Galloway) | 18,701 | 27,508 | 93,289 | 26,870 | 26,406 | 192,774 | 6.53% |
| James | 3,684 | 0 | 25,434 | 0 | 0 | 29,118 | 0.99% |
| Pioneer | 12,895 | 0 | 55,164 | 6 | 0 | 68,065 | 2.31% |
| Subtotal City of Bakersfield | 202,988 | 134,173 | 431,871 | 78,069 | 56,359 | 903,460 | 30.62% |
| North Kern MSD | 224,185 | 176,990 | 331,692 | 121,237 | 75,710 | 929,814 | 31.51% |
| Total First Point Group | 688,326 | 557,646 | 1,026,789 | 383,978 | 294,516 | 2,951,255 | 100.00% |
| South Fork | 2,761 | 2,192 | 1,822 | 1,056 | 760 | | |
| First Point passing 2nd Point | 33,183 | 0 | 4,262 | 0 | 0 | | |
| River Loss and Spreading | 26,572 | 45,283 | 78,454 | 27,310 | 33,493 | | |
| Total 1st Point Group Diverted (Includes Lake Ming) | 750,842 | 605,121 | 1,111,327 | 412,344 | 328,769 | | |

- Note:
ALL FIGURES REFLECT
GROSS DIVERSIONS...

KERN RIVER WATERMASTER
ISABELLA RESERVOIR INTER-DISTRICT RENTAL CHARGES

— Pursuant to paragraph 9e, pages 10 and 11 of
Kern River Water Rights and Storage Agreement,
dated December 31, 1962

COMPUTED YEAR: 1988

| Year | Acre-Foot Days of Irrigation Storage | | | Isabella O. & M. Charges (2) |
|------------------|--------------------------------------|-------------|--------------|------------------------------------|
| | NKWS (1) | BVWS | Total A.F.D. | |
| 1984 | 66,297,475 | 34,172,985 | 100,470,460 | \$159,115 |
| 1985 | 55,300,056 | 27,707,421 | 83,007,477 | \$159,115 |
| 1986 | 83,751,813 | 38,737,544 | 122,489,357 | \$159,115 |
| 1987 | 44,313,663 | 20,507,368 | 64,821,031 | \$159,115 |
| 1988 | 21,158,075 | 8,796,656 | 29,954,731 | (3) \$ 5,936 |
| 5-Year Totals | 270,821,082 | 129,921,974 | 400,743,056 | \$642,396 |

- Interest/Rental Charge on Storage Purchase..... \$1,143,250
(Paragraph 9e, pages 10 and 11)

- Total 5-Year Operation & Interest Charge..... \$1,785,646

Total 5-Year Cost = \$1,785,646 = \$0.0044558

Total 5-Year Use = 400,743,056 = Rental Charge
Per
Acre-Foot Day

TOTAL 1988 HACIENDA WD Acre-Foot Storage Days = 1,238,438

TOTAL 1988 HACIENDA WD Share of 1988 Storage Costs = \$5,518.23

(1) Includes Hacienda Water District Storage when such storage occurs...

(2) \$ 32,603 per year through 1973; \$ 66,038 per year 1974 through 1978;
\$ 91,598 per year 1979 through 1983; \$159,115 per year 1984 through
1988... (includes contract administration charges by the U.S.B.R.)

(3) Reflects downward adjustment of 1988 Isabella Reservoir O. & M. Charges...
(Reconciliation between Corps of Engineers and Kern River Watermaster for
overcharges incurred by Watermaster during the period of 1982-1987)

KERN COUNTY RECREATION POOL REPORT
FROM THE KERN RIVER WATERMASTER

Quantities in acre-feet
except where noted...

Year: 1988

| | Total Storage in Reservoir | Total Water Surface Area (Acres) | Area Attributable to Rec. Pool (Acres) | County of Kern | | |
|----------------------|-------------------------------|--|---|----------------------------|--|-------|
| | | | | Total Reservoir Loss | Ming Lake Recreation Net Inflow Pool Loss | |
| End of Previous Year | 143,410 | 5,359 | 780 | | | |
| January | 144,431 | 5,384 | 780 | 823 | 16 | |
| February | 136,036 | 5,175 | 805 | 1,178 | 16 | |
| March | 129,020 | 4,995 | 825 | 1,962 | 44 | |
| April | 132,548 | 5,086 | 815 | 2,132 | 60 | |
| May | 155,688 | 5,654 | 745 | 3,148 | 77 | |
| June | 143,518 | 5,361 | 780 | 4,141 | 105 | |
| July | 99,120 | 4,170 | 940 | 4,667 | 127 | |
| August | 80,629 | 3,605 | 1,035 | 3,318 | 121 | |
| September | 75,075 | 3,426 | 1,065 | 2,493 | 91 | |
| October | 73,342 | 3,369 | 1,075 | 1,777 | 65 | |
| November | 73,074 | 3,360 | 1,075 | 865 | 42 | |
| December | 73,545 | 3,375 | 1,075 | 500 | 26 | |
| TOTALS | | | | 27,004 | 790 | 5,445 |

ISABELLA RESERVOIR RECREATION POOL:

15,125 S.F.D.
30,000 ACRE-FEET

NOTE: Storage & Area quantities reflect last day of month

REPORT OF THE KERN RIVER WATERMASTER

SUMMARY OF KERN RIVER RUNOFF
(Monthly, To Date & Current Year)

Quantities in acre-feet

Year: 1988

| | CALENDAR | | | | YEAR | | | |
|-----------------|----------|---------|-------------|--------|---------|---------|-------------|--------|
| | POINT | | ENTITLEMENT | | POINT | | ENTITLEMENT | |
| | FIRST | NATURAL | NKWS | BKWS | FIRST | NATURAL | NKWS | BKWS |
| JANUARY To Date | 20,793 | 22,677 | 22,677 | 0 | 15,824 | 11,484 | 11,484 | 0 |
| FEBRUARY | 26,906 | 19,815 | 19,815 | 0 | 15,824 | 11,484 | 11,484 | 0 |
| MARCH | 47,699 | 42,492 | 42,492 | 0 | 14,269 | 14,745 | 14,745 | 0 |
| APRIL | 35,036 | 30,210 | 26,408 | 3,802 | 30,093 | 26,229 | 26,229 | 0 |
| MAY | 82,735 | 72,702 | 68,900 | 3,802 | 14,664 | 16,215 | 16,215 | 0 |
| JUNE | 116,504 | 112,286 | 101,576 | 10,710 | 44,757 | 42,444 | 42,444 | 0 |
| JULY | 31,815 | 58,350 | 45,656 | 12,694 | 20,793 | 22,677 | 22,677 | 0 |
| AUGUST | 148,319 | 170,636 | 147,232 | 23,404 | 65,550 | 65,121 | 65,121 | 0 |
| SEPTEMBER | 50,995 | 43,140 | 35,089 | 8,051 | 26,906 | 19,815 | 19,815 | 0 |
| OCTOBER | 199,314 | 213,776 | 182,321 | 31,455 | 92,456 | 84,936 | 84,936 | 0 |
| TO DATE | 60,458 | 20,969 | 19,983 | 986 | 35,036 | 30,210 | 26,408 | 3,802 |
| 1988 | 259,772 | 234,745 | 202,304 | 32,441 | 127,492 | 115,146 | 111,344 | 3,802 |
| 1894 to 1988 | 28,346 | 13,454 | 13,343 | 111 | 33,769 | 39,584 | 32,676 | 6,908 |
| 1988 | 288,118 | 248,199 | 215,647 | 32,552 | 161,261 | 154,730 | 144,020 | 10,710 |
| 1894 to 1988 | 13,529 | 10,733 | 10,733 | 0 | 50,995 | 43,140 | 35,089 | 8,051 |
| 1988 | 301,647 | 258,932 | 226,380 | 32,552 | 244,071 | 256,220 | 224,765 | 31,455 |
| 1894 to 1988 | 9,025 | 9,283 | 9,283 | 0 | 60,458 | 20,969 | 19,983 | 986 |
| 1988 | 310,672 | 268,215 | 235,663 | 32,552 | 304,529 | 277,189 | 244,748 | 32,441 |
| 1894 to 1988 | 10,318 | 10,955 | 10,955 | 0 | 28,346 | 13,454 | 13,343 | 111 |
| 1988 | 320,990 | 279,170 | 246,618 | 32,552 | 332,875 | 290,643 | 258,091 | 32,552 |
| 1894 to 1988 | 14,483 | 15,515 | 15,515 | 0 | 13,529 | 10,733 | 10,733 | 0 |
| 1988 | 335,473 | 294,685 | 262,133 | 32,552 | 346,404 | 301,376 | 268,824 | 32,552 |

1894 to 1988 Mean April-July Runoff = 475,403 acre-feet (100% of Average)
1988 April-July Runoff = 162,043 acre-feet (34% of Average)

1894 to 1988 Mean March-October Runoff = 608,705 acre-feet (100% of Average)
1988 March-October Runoff = 225,723 acre-feet (37% of Average)

| DAY | ISABELLA RESERVOIR | | LOSS | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE+LOSS+1ST POINT+FLOW | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | FRONT-KERN INFLOW DRY |
|------------------------|--------------------|---------|--------|----------------------------|--------------------|---------------------------------------|---------------------------------|---|------------------|---|-----------------------|
| | MIDNIGHT STORAGE | S.F.D. | | | | | | Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACF) | TOTAL IRRIGATION | | |
| End of Previous Month | 2555.73 | 143,410 | 72,303 | *** | *** | 240 | *** | 72,303 | 57,085 | *** | *** |
| 1 | 2555.71 | 143,303 | 72,249 | 11 | 267 | 1 | 238 | 72,262 | 57,044 | 2 | 0 |
| 2 | 2555.71 | 143,303 | 72,249 | 9 | 254 | 1 | 270 | 72,268 | 57,050 | 1 | 0 |
| 3 | 2555.74 | 143,464 | 72,330 | 5 | 321 | 1 | 332 | 72,360 | 57,142 | 1 | 0 |
| 4 | 2555.79 | 143,731 | 72,464 | 4 | 273 | 1 | 382 | 72,464 | 57,246 | 1 | 0 |
| 5 | 2555.94 | 144,538 | 72,871 | 4 | 347 | 0 | 758 | 72,871 | 57,553 | 1 | 0 |
| 6 | 2556.03 | 145,023 | 73,116 | 7 | 358 | 1 | 611 | 73,031 | 57,813 | 1 | 0 |
| 7 | 2556.02 | 144,969 | 73,089 | 18 | 363 | 1 | 355 | 73,115 | 57,897 | 3 | 0 |
| 8 | 2556.04 | 145,077 | 73,143 | 22 | 355 | 0 | 431 | 73,104 | 57,886 | 3 | 0 |
| 9 | 2556.02 | 144,969 | 73,089 | 15 | 350 | 1 | 312 | 73,105 | 57,887 | 2 | 0 |
| 10 | 2556.00 | 144,862 | 73,035 | 16 | 396 | 1 | 359 | 73,040 | 57,822 | 2 | 0 |
| 11 | 2555.99 | 144,808 | 73,007 | 7 | 393 | 1 | 373 | 72,988 | 57,770 | 1 | 0 |
| 12 | 2555.97 | 144,700 | 72,953 | 9 | 361 | 0 | 316 | 72,967 | 57,749 | 1 | 0 |
| 13 | 2555.98 | 144,754 | 72,980 | 11 | 319 | 0 | 357 | 72,955 | 57,737 | 2 | 0 |
| 14 | 2555.97 | 144,700 | 72,953 | 11 | 295 | 1 | 280 | 72,948 | 57,730 | 2 | 0 |
| 15 | 2555.95 | 144,592 | 72,899 | 11 | 306 | 1 | 264 | 72,950 | 57,732 | 2 | 0 |
| 16 | 2555.97 | 144,700 | 72,953 | 15 | 347 | 0 | 416 | 72,958 | 57,740 | 2 | 0 |
| 17 | 2556.00 | 144,862 | 73,035 | 2 | 345 | 1 | 430 | 73,037 | 57,819 | 0 | 0 |
| 18 | 2556.02 | 144,969 | 73,089 | 13 | 367 | 0 | 434 | 73,052 | 57,834 | 2 | 0 |
| 19 | 2556.02 | 144,969 | 73,089 | 11 | 308 | 1 | 320 | 73,098 | 57,880 | 2 | 0 |
| 20 | 2556.03 | 145,023 | 73,116 | 11 | 304 | 1 | 343 | 73,112 | 57,894 | 2 | 0 |
| 21 | 2556.03 | 145,023 | 73,116 | 11 | 316 | 0 | 327 | 73,104 | 57,886 | 2 | 0 |
| 22 | 2556.01 | 144,915 | 73,061 | 13 | 328 | 1 | 287 | 73,095 | 57,877 | 2 | 0 |
| 23 | 2556.02 | 144,969 | 73,089 | 13 | 345 | 0 | 386 | 73,075 | 57,857 | 2 | 0 |
| 24 | 2556.01 | 144,915 | 73,061 | 18 | 350 | 1 | 341 | 73,075 | 57,857 | 3 | 0 |
| 25 | 2556.01 | 144,915 | 73,061 | 22 | 356 | 1 | 379 | 73,054 | 57,836 | 3 | 0 |
| 26 | 2556.00 | 144,862 | 73,035 | 26 | 352 | 1 | 353 | 73,045 | 57,827 | 4 | 0 |
| 27 | 2556.00 | 144,862 | 73,035 | 24 | 355 | 0 | 379 | 73,032 | 57,814 | 3 | 0 |
| 28 | 2555.99 | 144,808 | 73,007 | 15 | 379 | 1 | 367 | 73,000 | 57,782 | 2 | 0 |
| 29 | 2555.97 | 144,700 | 72,953 | 18 | 380 | 0 | 344 | 72,956 | 57,738 | 3 | 0 |
| 30 | 2555.94 | 144,538 | 72,871 | 27 | 406 | 1 | 352 | 72,871 | 57,553 | 4 | 0 |
| 31 | 2555.92 | 144,431 | 72,817 | 16 | 374 | 1 | 337 | 72,817 | 57,599 | 2 | 0 |
| TOTAL SECOND FOOT DAYS | | | | 415 | 10,483 | 21 | 11,433 | ***** | ***** | 63 | 0 |
| TOTAL ACRE-FEET | | | | 823 | 20,793 | 42 | 22,677 | 144,431 | 114,247 | 125 | 0 |

Date: FEBRUARY 11, 1988

By: *[Signature]*

| DRY | NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | MCLENDIA WATER DISTRICT | | | | | |
|------------------------------|-----------------------------------|----------------------|--------------|--------------------|------------------------------------|--------------|--------------|--------------------|-------------------------|--------------|--------------------|----------------------|-----------|-------|
| | FLOW ABOVE 1ST POINT | | RESERVOIR | | FLOW AT 2ND POINT | | RESERVOIR | | FLOW ABOVE 1ST POINT | | RESERVOIR | | | |
| | ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | LOSS STORAGE | ENT'L AT 1ST POINT | VIA KOWD POINT | AT 2ND POINT | LOSS STORAGE | ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | LOSS STORAGE | ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | | |
| End of Previous Month | ** | ** | *** | *** | ** | ** | *** | *** | ** | ** | ** | ** | *** | |
| 1 | 238 | 267 | 0 | 0 | 0 | 0 | 3 | 18,231 | 0 | 0 | 0 | 0 | 2,553 | |
| 2 | 270 | 254 | 0 | 0 | 0 | 0 | 3 | 18,228 | 0 | 0 | 0 | 0 | 2,553 | |
| 3 | 332 | 234 | 0 | 0 | 0 | 0 | 2 | 18,226 | 0 | 0 | 0 | 0 | 2,553 | |
| 4 | 382 | 273 | 0 | 0 | 0 | 0 | 1 | 18,225 | 0 | 0 | 0 | 0 | 2,553 | |
| 5 | 758 | 347 | 0 | 0 | 0 | 0 | 1 | 18,224 | 0 | 0 | 0 | 0 | 2,553 | |
| 6 | 526 | 358 | 1 | 0 | 0 | 0 | 2 | 18,222 | 0 | 0 | 0 | 0 | 2,553 | |
| 7 | 465 | 363 | 0 | 1 | 0 | 0 | 5 | 18,217 | 0 | 0 | 0 | 0 | 2,552 | |
| 8 | 366 | 355 | 0 | 0 | 0 | 0 | 7 | 18,210 | 0 | 0 | 0 | 0 | 2,551 | |
| 9 | 367 | 350 | 0 | 1 | 0 | 0 | 5 | 18,205 | 0 | 0 | 0 | 0 | 2,550 | |
| 10 | 348 | 396 | 1 | 0 | 0 | 0 | 5 | 18,200 | 0 | 0 | 0 | 0 | 2,549 | |
| 11 | 349 | 393 | 0 | 1 | 0 | 0 | 2 | 18,198 | 0 | 0 | 0 | 0 | 2,549 | |
| 12 | 349 | 361 | 0 | 0 | 0 | 0 | 3 | 18,195 | 0 | 0 | 0 | 0 | 2,548 | |
| 13 | 318 | 319 | 0 | 0 | 0 | 0 | 3 | 18,192 | 0 | 0 | 0 | 0 | 2,549 | |
| 14 | 300 | 295 | 0 | 1 | 0 | 0 | 3 | 18,189 | 0 | 0 | 0 | 0 | 2,549 | |
| 15 | 320 | 304 | 1 | 0 | 0 | 0 | 3 | 18,184 | 0 | 0 | 0 | 0 | 2,549 | |
| 16 | 370 | 332 | 0 | 0 | 0 | 0 | 5 | 18,164 | 0 | 0 | 0 | 0 | 2,548 | |
| 17 | 427 | 319 | 0 | 1 | 0 | 0 | 1 | 18,137 | 0 | 0 | 0 | 0 | 2,548 | |
| 18 | 395 | 346 | 0 | 0 | 0 | 0 | 4 | 18,112 | 0 | 0 | 0 | 0 | 2,548 | |
| 19 | 366 | 298 | 0 | 1 | 0 | 0 | 3 | 18,099 | 0 | 0 | 0 | 0 | 2,548 | |
| 20 | 330 | 293 | 1 | 0 | 0 | 0 | 3 | 18,085 | 0 | 0 | 0 | 0 | 2,548 | |
| 21 | 319 | 302 | 0 | 0 | 0 | 0 | 3 | 18,068 | 0 | 0 | 0 | 0 | 2,548 | |
| 22 | 333 | 312 | 0 | 1 | 0 | 0 | 4 | 18,048 | 0 | 0 | 0 | 0 | 2,548 | |
| 23 | 338 | 329 | 0 | 0 | 0 | 0 | 4 | 18,028 | 0 | 0 | 0 | 0 | 2,548 | |
| 24 | 369 | 338 | 0 | 1 | 0 | 0 | 5 | 18,011 | 0 | 0 | 0 | 0 | 2,547 | |
| 25 | 358 | 345 | 1 | 0 | 0 | 0 | 7 | 17,993 | 0 | 0 | 0 | 0 | 2,546 | |
| 26 | 370 | 341 | 0 | 1 | 0 | 0 | 8 | 17,974 | 0 | 0 | 0 | 0 | 2,545 | |
| 27 | 366 | 340 | 0 | 0 | 0 | 0 | 7 | 17,952 | 0 | 0 | 0 | 0 | 2,544 | |
| 28 | 363 | 362 | 0 | 1 | 0 | 0 | 5 | 17,930 | 0 | 0 | 0 | 0 | 2,543 | |
| 29 | 354 | 364 | 0 | 0 | 0 | 0 | 5 | 17,909 | 0 | 0 | 0 | 0 | 2,542 | |
| 30 | 349 | 389 | 1 | 0 | 0 | 0 | 8 | 17,884 | 0 | 0 | 0 | 0 | 2,541 | |
| 31 | 337 | 356 | 0 | 1 | 0 | 0 | 5 | 17,861 | 0 | 0 | 0 | 0 | 2,540 | |
| S.F.D. | 11,433 | 10,235 | 8 | 13 | 277 | 37,198 | 0 | 125 | 17,861 | 0 | 0 | 0 | 13 | 2,540 |
| AC.F.T. | 22,677 | 20,301 | 16 | 26 | 549 | 73,782 | 0 | 248 | 35,427 | 0 | 0 | 0 | 26 | 5,038 |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | 156,688 | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | 1,113,522 | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | 2,278,319 | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | 156,688 | |

ENTITLEMENT Contributed by: NWSID BWSID ** ** ** **

| DAY | ELEVATION (FEET) | MIDNIGHT ACRE-FEET | RESERVOIR STORAGE S.F.D. | LOSS | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | LOSS + FIRST POINT FLOW ABOVE 1ST PT. | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE TOTAL | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | FRUIT-KERN INFLOW DRY | | |
|------------------------|------------------|--------------------|--------------------------|--------|----------------------------|--------------------|---------------------------------------|---------------------------------|--------------------|---|-----------------------|-------|---|
| End of Previous Month | 2555.92 | 144,431 | 72,817 | *** | *** | *** | 337 | *** | 72,817 | 57,599 | *** | | |
| 1 | 2555.91 | 144,377 | 72,790 | 24 | 356 | 2 | 355 | 356 | 72,791 | 57,573 | 3 | | |
| 2 | 2555.91 | 144,377 | 72,790 | 13 | 344 | 2 | 359 | 356 | 72,788 | 57,570 | 2 | | |
| 3 | 2555.91 | 144,377 | 72,790 | 11 | 340 | 2 | 353 | 334 | 72,769 | 57,551 | 2 | | |
| 4 | 2555.89 | 144,269 | 72,736 | 19 | 322 | 2 | 289 | 317 | 72,743 | 57,525 | 3 | | |
| 5 | 2555.88 | 144,215 | 72,708 | 14 | 320 | 2 | 308 | 300 | 72,707 | 57,489 | 2 | | |
| 6 | 2555.86 | 144,108 | 72,654 | 16 | 338 | 2 | 302 | 308 | 72,659 | 57,441 | 2 | | |
| 7 | 2555.84 | 144,000 | 72,600 | 20 | 352 | 2 | 320 | 309 | 72,594 | 57,376 | 3 | | |
| 8 | 2555.80 | 143,785 | 72,492 | 16 | 394 | 3 | 305 | 301 | 72,482 | 57,264 | 2 | | |
| 9 | 2555.74 | 143,464 | 72,330 | 19 | 420 | 2 | 279 | 333 | 72,374 | 57,156 | 3 | | |
| 10 | 2555.70 | 143,250 | 72,222 | 17 | 504 | 2 | 415 | 350 | 72,201 | 56,983 | 2 | | |
| 11 | 2555.65 | 142,982 | 72,087 | 33 | 454 | 3 | 355 | 360 | 72,071 | 56,853 | 5 | | |
| 12 | 2555.59 | 142,661 | 71,925 | 23 | 448 | 2 | 311 | 328 | 71,926 | 56,708 | 3 | | |
| 13 | 2555.53 | 142,340 | 71,763 | 27 | 451 | 2 | 318 | 333 | 71,779 | 56,561 | 4 | | |
| 14 | 2555.49 | 142,128 | 71,656 | 19 | 456 | 3 | 371 | 336 | 71,637 | 56,419 | 3 | | |
| 15 | 2555.43 | 141,808 | 71,495 | 28 | 449 | 2 | 318 | 344 | 71,502 | 56,284 | 4 | | |
| 16 | 2555.39 | 141,596 | 71,388 | 23 | 424 | 2 | 342 | 339 | 71,392 | 56,174 | 3 | | |
| 17 | 2555.31 | 141,330 | 71,254 | 34 | 454 | 2 | 356 | 330 | 71,232 | 56,014 | 5 | | |
| 18 | 2555.26 | 140,905 | 71,040 | 33 | 470 | 2 | 291 | 321 | 71,048 | 55,830 | 5 | | |
| 19 | 2555.19 | 140,536 | 70,854 | 23 | 478 | 2 | 317 | 310 | 70,855 | 55,637 | 3 | | |
| 20 | 2555.11 | 140,113 | 70,640 | 23 | 509 | 3 | 321 | 321 | 70,641 | 55,423 | 3 | | |
| 21 | 2555.02 | 139,638 | 70,401 | 23 | 540 | 2 | 326 | 331 | 70,407 | 55,189 | 3 | | |
| 22 | 2554.92 | 139,113 | 70,136 | 20 | 587 | 2 | 344 | 338 | 70,136 | 54,918 | 3 | | |
| 23 | 2554.82 | 138,588 | 69,871 | 22 | 586 | 2 | 345 | 327 | 69,853 | 54,635 | 3 | | |
| 24 | 2554.71 | 138,013 | 69,582 | 17 | 561 | 2 | 291 | 344 | 69,617 | 54,399 | 3 | | |
| 25 | 2554.61 | 137,491 | 69,318 | 20 | 639 | 2 | 397 | 344 | 69,300 | 54,082 | 3 | | |
| 26 | 2554.51 | 136,970 | 69,056 | 23 | 579 | 3 | 343 | 369 | 69,064 | 53,846 | 4 | | |
| 27 | 2554.42 | 136,503 | 68,820 | 11 | 590 | 2 | 367 | 402 | 68,863 | 53,645 | 2 | | |
| 28 | 2554.38 | 136,296 | 68,716 | 12 | 585 | 2 | 495 | 452 | 68,716 | 53,498 | 2 | | |
| 29 | 2554.33 | 136,036 | 68,585 | 11 | 615 | 2 | 497 | 497 | 68,585 | 53,367 | 2 | | |
| 30 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | | |
| 31 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | | |
| TOTAL SECOND FOOT DAYS | | | 594 | 13,565 | 63 | 9,990 | 9,990 | 9,990 | ***** | 87 | 1,179 | 0 | |
| TOTAL ACRE-FEET | | | 1,178 | 26,906 | 125 | 19,815 | 19,815 | 19,815 | 136,036 | 105,852 | 173 | 2,338 | 0 |

By: *zal* Date: MARCH 10, 1988

| DAY | NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | HACIENDA WATER DISTRICT | | | | | | | | | | |
|------------------------------|-----------------------------------|----------------------|------------------------|-------|------------------------------------|-------------------|------------------------|-------------------|-----------------------------|-------|---------------------------|-----------|--------|---------|-------|------------------------------|--|---------|--|
| | FLOW ABOVE 1ST POINT | | RESERVOIR AT 1ST POINT | | FLOW VIA AT 2ND POINT | | RESERVOIR LOSS STORAGE | | ENTITLEMENT CONTRIBUTED BY: | | RESERVOIR ABOVE 1ST POINT | | | | | | | | |
| | ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | RESERVOIR STORAGE | LOSS | ENT'L AT 1ST POINT | RESERVOIR STORAGE | LOSS | RESERVOIR STORAGE | MMWD | BMWD | RESERVOIR STORAGE | LOSS | | | | | | | |
| End of Previous Month | ** | ** | *** | *** | ** | ** | ** | ** | ** | ** | ** | ** | *** | *** | 2,540 | | | | |
| 1 | 356 | 349 | 0 | 2 | 16 | 37,187 | 0 | 7 | 0 | 0 | 0 | 0 | 17,847 | 0 | 1 | 2,539 | | | |
| 2 | 356 | 342 | 0 | 2 | 9 | 37,190 | 0 | 2 | 0 | 0 | 0 | 0 | 17,841 | 0 | 0 | 2,539 | | | |
| 3 | 334 | 335 | 0 | 2 | 8 | 37,179 | 0 | 5 | 0 | 0 | 0 | 0 | 17,833 | 0 | 0 | 2,539 | | | |
| 4 | 317 | 317 | 1 | 1 | 12 | 37,165 | 0 | 5 | 0 | 0 | 0 | 0 | 17,822 | 0 | 1 | 2,538 | | | |
| 5 | 300 | 308 | 0 | 2 | 9 | 37,146 | 0 | 12 | 0 | 0 | 0 | 0 | 17,806 | 0 | 1 | 2,537 | | | |
| 6 | 308 | 284 | 0 | 0 | 10 | 37,160 | 0 | 54 | 0 | 1 | 1 | 5 | 17,746 | 1 | 1 | 2,535 | | | |
| 7 | 309 | 284 | 0 | 0 | 13 | 37,172 | 0 | 68 | 0 | 2 | 6 | 6 | 17,670 | 0 | 1 | 2,534 | | | |
| 8 | 301 | 295 | 1 | 0 | 10 | 37,167 | 0 | 54 | 45 | 1 | 5 | 5 | 17,565 | 1 | 1 | 2,532 | | | |
| 9 | 333 | 262 | 0 | 0 | 12 | 37,226 | 0 | 61 | 97 | 1 | 6 | 6 | 17,400 | 1 | 1 | 2,530 | | | |
| 10 | 350 | 250 | 0 | 0 | 11 | 37,275 | 0 | 67 | 147 | 1 | 5 | 5 | 17,180 | 1 | 1 | 2,528 | | | |
| 11 | 360 | 250 | 1 | 0 | 22 | 37,362 | 0 | 89 | 115 | 2 | 10 | 10 | 16,964 | 0 | 1 | 2,527 | | | |
| 12 | 328 | 247 | 0 | 0 | 15 | 37,428 | 0 | 96 | 105 | 1 | 7 | 7 | 16,755 | 1 | 1 | 2,525 | | | |
| 13 | 333 | 251 | 0 | 0 | 18 | 37,492 | 0 | 94 | 106 | 1 | 8 | 8 | 16,546 | 1 | 1 | 2,523 | | | |
| 14 | 336 | 251 | 1 | 0 | 13 | 37,563 | 0 | 104 | 101 | 1 | 5 | 5 | 16,335 | 1 | 1 | 2,521 | | | |
| 15 | 344 | 259 | 0 | 0 | 19 | 37,629 | 0 | 94 | 96 | 2 | 8 | 8 | 16,135 | 0 | 1 | 2,520 | | | |
| 16 | 339 | 263 | 0 | 0 | 16 | 37,689 | 0 | 89 | 72 | 1 | 6 | 6 | 15,967 | 1 | 1 | 2,518 | | | |
| 17 | 330 | 309 | 1 | 0 | 24 | 37,685 | 0 | 98 | 47 | 1 | 9 | 9 | 15,812 | 0 | 1 | 2,517 | | | |
| 18 | 321 | 322 | 0 | 0 | 23 | 37,661 | 0 | 116 | 32 | 1 | 9 | 9 | 15,654 | 1 | 1 | 2,515 | | | |
| 19 | 310 | 345 | 0 | 0 | 16 | 37,610 | 0 | 111 | 22 | 2 | 6 | 6 | 15,513 | 0 | 1 | 2,514 | | | |
| 20 | 321 | 370 | 1 | 0 | 16 | 37,544 | 0 | 115 | 24 | 1 | 6 | 6 | 15,367 | 1 | 1 | 2,512 | | | |
| 21 | 331 | 402 | 0 | 0 | 16 | 37,457 | 0 | 105 | 33 | 1 | 6 | 6 | 15,222 | 1 | 1 | 2,510 | | | |
| 22 | 338 | 443 | 0 | 0 | 14 | 37,338 | 0 | 112 | 32 | 1 | 5 | 5 | 15,072 | 1 | 1 | 2,508 | | | |
| 23 | 327 | 447 | 1 | 0 | 15 | 37,202 | 0 | 93 | 46 | 1 | 6 | 6 | 14,926 | 0 | 1 | 2,507 | | | |
| 24 | 344 | 432 | 0 | 0 | 11 | 37,103 | 0 | 95 | 34 | 2 | 5 | 5 | 14,790 | 0 | 1 | 2,506 | | | |
| 25 | 344 | 507 | 0 | 0 | 14 | 36,926 | 0 | 107 | 25 | 1 | 5 | 5 | 14,652 | 1 | 1 | 2,504 | | | |
| 26 | 369 | 428 | 1 | 0 | 16 | 36,850 | 0 | 151 | 0 | 1 | 6 | 6 | 14,494 | 1 | 1 | 2,502 | | | |
| 27 | 402 | 445 | 0 | 0 | 8 | 36,799 | 0 | 145 | 0 | 1 | 3 | 3 | 14,345 | 1 | 0 | 2,501 | | | |
| 28 | 452 | 450 | 0 | 0 | 9 | 36,792 | 0 | 135 | 0 | 1 | 3 | 3 | 14,206 | 1 | 0 | 2,500 | | | |
| 29 | 497 | 477 | 0 | 0 | 8 | 36,804 | 0 | 138 | 0 | 1 | 3 | 3 | 14,064 | 1 | 0 | 2,499 | | | |
| 30 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | | | |
| 31 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | | | |
| S.F.D. | 9,990 | 9,964 | 8 | 9 | 403 | 36,804 | 0 | 2,422 | 1,179 | 29 | 167 | 14,064 | 17 | 24 | 2,499 | S.F.D. | | | |
| AC.FT. | 19,815 | 19,764 | 16 | 18 | 799 | 72,999 | 0 | 4,804 | 2,338 | 57 | 331 | 27,896 | 34 | 48 | 4,957 | AC.FT. | | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | 2,143,736 | | 931,297 | | TOTAL ACRE-FOOT STORAGE DAYS | | 144,952 | |

Quantities in S.F.D. except where noted

MARCH 1988

ISABELLA RESERVOIR

| DAY | ELEVATION (FEET) | MIDNIGHT STORAGE | | LOSS | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE+ LOSS+1ST POINT+FLOW | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | FRONT-KERN INFLOW DAY |
|------------------------|------------------|------------------|--------|-------|----------------------------|--------------------|--|---------------------------------|--------------|------------|---|-----------------------|
| | | ACRE-FEET | S.F.D. | | | | | | TOTAL | IRRIGATION | | |
| End of Previous Month | 2554.33 | 136,036 | 68,585 | *** | *** | *** | 497 | *** | 68,585 | 53,367 | *** | *** |
| 1 | 2554.27 | 135,766 | 68,429 | 6 | 718 | 3 | 571 | 571 | 68,429 | 53,211 | 1 | 0 |
| 2 | 2554.22 | 135,469 | 68,299 | 15 | 681 | 4 | 570 | 554 | 68,283 | 53,065 | 2 | 0 |
| 3 | 2554.16 | 135,159 | 68,143 | 19 | 654 | 3 | 520 | 541 | 68,148 | 52,930 | 3 | 0 |
| 4 | 2554.11 | 134,901 | 68,013 | 28 | 630 | 4 | 532 | 516 | 68,002 | 52,784 | 4 | 0 |
| 5 | 2554.05 | 134,592 | 67,857 | 22 | 628 | 3 | 497 | 512 | 67,861 | 52,643 | 3 | 0 |
| 6 | 2554.00 | 134,337 | 67,728 | 22 | 610 | 4 | 507 | 502 | 67,727 | 52,509 | 3 | 0 |
| 7 | 2553.94 | 134,029 | 67,573 | 22 | 633 | 3 | 503 | 502 | 67,571 | 52,353 | 3 | 0 |
| 8 | 2553.87 | 133,670 | 67,392 | 33 | 639 | 4 | 495 | 498 | 67,393 | 52,175 | 5 | 0 |
| 9 | 2553.84 | 133,516 | 67,314 | 36 | 535 | 3 | 496 | 488 | 67,307 | 52,089 | 6 | 0 |
| 10 | 2553.80 | 133,312 | 67,212 | 22 | 550 | 4 | 474 | 484 | 67,215 | 51,997 | 4 | 0 |
| 11 | 2553.75 | 133,058 | 67,083 | 30 | 578 | 3 | 482 | 460 | 67,064 | 51,846 | 5 | 0 |
| 12 | 2553.68 | 132,701 | 66,903 | 22 | 576 | 4 | 422 | 439 | 66,901 | 51,683 | 4 | 0 |
| 13 | 2553.61 | 132,344 | 66,723 | 26 | 563 | 3 | 412 | 419 | 66,728 | 51,510 | 4 | 0 |
| 14 | 2553.54 | 131,989 | 66,544 | 33 | 566 | 4 | 424 | 404 | 66,529 | 51,311 | 5 | 0 |
| 15 | 2553.45 | 131,534 | 66,315 | 39 | 563 | 3 | 376 | 405 | 66,329 | 51,111 | 6 | 0 |
| 16 | 2553.37 | 131,129 | 66,111 | 37 | 579 | 4 | 416 | 402 | 66,111 | 50,893 | 6 | 0 |
| 17 | 2553.30 | 130,775 | 65,932 | 21 | 570 | 3 | 415 | 411 | 65,928 | 50,710 | 3 | 0 |
| 18 | 2553.25 | 130,524 | 65,806 | 31 | 493 | 4 | 402 | 416 | 65,816 | 50,598 | 5 | 0 |
| 19 | 2553.22 | 130,373 | 65,730 | 33 | 469 | 4 | 430 | 414 | 65,724 | 50,506 | 5 | 0 |
| 20 | 2553.18 | 130,172 | 65,628 | 36 | 473 | 4 | 411 | 408 | 65,619 | 50,401 | 6 | 0 |
| 21 | 2553.12 | 129,870 | 65,476 | 35 | 496 | 4 | 383 | 426 | 65,510 | 50,292 | 6 | 0 |
| 22 | 2553.09 | 129,720 | 65,401 | 52 | 504 | 4 | 485 | 438 | 65,388 | 50,170 | 9 | 0 |
| 23 | 2553.05 | 129,519 | 65,299 | 42 | 502 | 4 | 446 | 462 | 65,302 | 50,084 | 7 | 0 |
| 24 | 2553.02 | 129,369 | 65,224 | 35 | 491 | 4 | 455 | 481 | 65,253 | 50,035 | 6 | 0 |
| 25 | 2553.03 | 129,419 | 65,249 | 42 | 470 | 4 | 541 | 527 | 65,264 | 50,046 | 7 | 0 |
| 26 | 2553.02 | 129,369 | 65,224 | 42 | 565 | 4 | 586 | 558 | 65,211 | 49,993 | 7 | 0 |
| 27 | 2553.00 | 129,270 | 65,174 | 52 | 539 | 4 | 545 | 589 | 65,205 | 49,987 | 9 | 0 |
| 28 | 2552.99 | 129,220 | 65,148 | 35 | 624 | 4 | 637 | 594 | 65,136 | 49,918 | 6 | 0 |
| 29 | 2552.97 | 129,120 | 65,098 | 42 | 605 | 4 | 601 | 618 | 65,103 | 49,885 | 7 | 0 |
| 30 | 2552.96 | 129,070 | 65,073 | 42 | 596 | 4 | 617 | 612 | 65,073 | 49,855 | 7 | 0 |
| 31 | 2552.95 | 129,020 | 65,048 | 37 | 564 | 4 | 580 | 580 | 65,048 | 49,830 | 6 | 0 |
| TOTAL SECOND FOOT DAYS | | | | 989 | 17,664 | 115 | 15,231 | 15,231 | ***** | ***** | 160 | 0 |
| TOTAL ACRE-FEET | | | | 1,962 | 35,036 | 228 | 30,210 | 30,210 | 129,020 | 98,836 | 317 | 0 |

Date: APRIL 12, 1988

By: *[Signature]*

| NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | HACIENDA WATER DISTRICT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|-----------|-----|------------------------------------|---------|--------------|---------|-------------------------|----------|------------------|--------------|-----------------|-----------------|-----------|---------|-----------|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| FLOW ABOVE 1ST POINT | | RESERVOIR | | ENT'L | | FLOW | | RESERVOIR | | ENTITLEMENT | | FLOW | | RESERVOIR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAY | POINT | L. Ming | HAD | LOSS | STORAGE | AT 2ND POINT | VIA CHD | VIA KMD | VIA KMSD | VIA AT 2ND POINT | AT 2ND POINT | CONTRIBUTED BY: | ABOVE 1ST POINT | LOSS | STORAGE | DAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| End of Previous Month | ** | ** | *** | *** | *** | *** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 454 | 582 | 0 | 4 | 36,671 | 117 | 0 | 136 | 0 | 0 | 1 | 2 | 14,042 | 1 | 0 | 2,498 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 473 | 533 | 0 | 10 | 36,601 | 81 | 0 | 148 | 0 | 0 | 2 | 4 | 13,969 | 2 | 1 | 2,495 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 464 | 513 | 0 | 13 | 36,539 | 77 | 0 | 141 | 0 | 0 | 2 | 5 | 13,898 | 1 | 1 | 2,493 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 447 | 490 | 1 | 20 | 36,475 | 69 | 0 | 140 | 0 | 0 | 1 | 7 | 13,819 | 2 | 1 | 2,490 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 445 | 469 | 0 | 15 | 36,436 | 67 | 0 | 159 | 0 | 0 | 2 | 6 | 13,719 | 1 | 1 | 2,488 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 438 | 421 | 1 | 15 | 36,437 | 64 | 0 | 189 | 0 | 0 | 1 | 6 | 13,587 | 2 | 1 | 2,485 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 438 | 451 | 0 | 15 | 36,409 | 64 | 0 | 182 | 0 | 0 | 2 | 6 | 13,461 | 1 | 1 | 2,483 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 435 | 461 | 1 | 24 | 36,358 | 63 | 0 | 178 | 0 | 0 | 1 | 8 | 13,337 | 2 | 1 | 2,480 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 428 | 465 | 0 | 26 | 36,295 | 60 | 0 | 70 | 0 | 0 | 2 | 9 | 13,316 | 1 | 1 | 2,478 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 425 | 477 | 1 | 15 | 36,227 | 59 | 0 | 73 | 0 | 0 | 1 | 6 | 13,295 | 2 | 1 | 2,475 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 409 | 527 | 0 | 21 | 36,088 | 51 | 0 | 51 | 0 | 0 | 2 | 8 | 13,285 | 1 | 1 | 2,473 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 395 | 511 | 1 | 15 | 35,956 | 44 | 0 | 65 | 0 | 0 | 1 | 6 | 13,257 | 2 | 1 | 2,470 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 381 | 511 | 0 | 18 | 35,808 | 38 | 0 | 52 | 0 | 0 | 2 | 7 | 13,234 | 1 | 1 | 2,468 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 371 | 511 | 1 | 24 | 35,643 | 33 | 0 | 55 | 0 | 0 | 1 | 8 | 13,203 | 2 | 1 | 2,465 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 372 | 534 | 0 | 27 | 35,454 | 33 | 0 | 29 | 0 | 0 | 2 | 10 | 13,195 | 1 | 2 | 2,462 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 370 | 552 | 1 | 26 | 35,245 | 32 | 0 | 27 | 0 | 0 | 1 | 10 | 13,189 | 2 | 1 | 2,459 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 376 | 544 | 0 | 15 | 35,062 | 35 | 0 | 26 | 0 | 0 | 2 | 5 | 13,191 | 1 | 1 | 2,457 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 379 | 472 | 1 | 22 | 34,946 | 37 | 0 | 21 | 0 | 0 | 1 | 8 | 13,198 | 2 | 1 | 2,454 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 378 | 446 | 1 | 23 | 34,854 | 36 | 0 | 23 | 0 | 0 | 2 | 9 | 13,200 | 1 | 1 | 2,452 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 374 | 457 | 1 | 26 | 34,744 | 34 | 0 | 16 | 0 | 0 | 1 | 9 | 13,208 | 2 | 1 | 2,449 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 386 | 477 | 1 | 26 | 34,627 | 40 | 0 | 19 | 0 | 0 | 2 | 9 | 13,218 | 1 | 1 | 2,447 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 394 | 486 | 1 | 36 | 34,498 | 44 | 0 | 18 | 0 | 0 | 1 | 14 | 13,229 | 2 | 2 | 2,443 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 410 | 479 | 1 | 29 | 34,399 | 52 | 0 | 23 | 0 | 0 | 2 | 11 | 13,245 | 1 | 2 | 2,440 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 423 | 470 | 1 | 25 | 34,326 | 58 | 0 | 21 | 0 | 0 | 1 | 9 | 13,272 | 2 | 1 | 2,437 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 455 | 418 | 1 | 29 | 34,333 | 72 | 39 | 13 | 0 | 0 | 2 | 11 | 13,279 | 1 | 2 | 2,434 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 476 | 482 | 1 | 29 | 34,297 | 82 | 66 | 17 | 0 | 0 | 1 | 11 | 13,266 | 2 | 2 | 2,430 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 497 | 465 | 1 | 36 | 34,292 | 92 | 64 | 10 | 0 | 0 | 2 | 14 | 13,268 | 1 | 2 | 2,427 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 500 | 525 | 1 | 25 | 34,241 | 94 | 88 | 11 | 0 | 0 | 1 | 9 | 13,253 | 2 | 1 | 2,424 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 517 | 510 | 1 | 29 | 34,218 | 101 | 76 | 19 | 0 | 0 | 2 | 11 | 13,246 | 1 | 2 | 2,421 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 513 | 503 | 1 | 29 | 34,198 | 99 | 68 | 17 | 8 | 0 | 1 | 11 | 13,240 | 2 | 2 | 2,417 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 491 | 482 | 1 | 25 | 34,181 | 89 | 34 | 15 | 33 | 0 | 2 | 10 | 13,235 | 1 | 2 | 2,414 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.F.D. | 13,314 | 15,224 | 22 | 0 | 691 | 34,181 | 1,917 | 435 | 1,964 | 41 | 0 | 47 | 259 | 46 | 39 | 2,414 | S.F.D. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC.FT. | 26,408 | 30,197 | 44 | 0 | 1,371 | 67,797 | 3,802 | 862 | 3,896 | 81 | 0 | 93 | 514 | 91 | 77 | 4,788 | AC.FT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 2,173,601 | TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 821,859 | TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 151,156 |

| DAY | ELEVATION (FEET) | MIDNIGHT STORAGE | S.F.D. LOSS | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANCE IN STORAGE + LOSS-1ST POINT + FLOW ABOVE 1ST PT. | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | RECREATION POOL + DEAD STORAGE | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | FRIANT-KERN INFLOW DRY | |
|------------------------|------------------|------------------|-------------|----------------------------|--------------------|---|---------------------------------|--------------|--------------------------------|---|------------------------|---|
| End of Previous Month | 2552.95 | 129,020 | 65,048 | *** | *** | 580 | *** | 65,048 | 49,830 | *** | *** | |
| 1 | 2552.96 | 129,070 | 42 | 495 | 3 | 565 | 527 | 65,035 | 49,817 | 7 | 0 | |
| 2 | 2552.94 | 128,970 | 42 | 457 | 2 | 450 | 514 | 65,048 | 49,830 | 7 | 0 | |
| 3 | 2552.93 | 128,920 | 56 | 492 | 3 | 526 | 500 | 64,997 | 49,779 | 9 | 0 | |
| 4 | 2552.92 | 128,870 | 35 | 513 | 2 | 525 | 542 | 64,989 | 49,771 | 6 | 0 | |
| 5 | 2552.92 | 128,870 | 39 | 532 | 3 | 574 | 569 | 64,984 | 49,766 | 6 | 0 | |
| 6 | 2552.93 | 128,920 | 45 | 534 | 4 | 608 | 604 | 65,005 | 49,787 | 7 | 0 | |
| 7 | 2552.93 | 128,920 | 59 | 571 | 1 | 631 | 650 | 65,024 | 49,806 | 10 | 0 | |
| 8 | 2552.96 | 129,070 | 52 | 581 | 3 | 712 | 694 | 65,082 | 49,864 | 9 | 0 | |
| 9 | 2553.00 | 129,270 | 55,174 | 582 | 3 | 738 | 710 | 65,155 | 49,937 | 9 | 0 | |
| 10 | 2553.02 | 129,369 | 65,224 | 582 | 3 | 680 | 732 | 65,257 | 50,039 | 7 | 0 | |
| 11 | 2553.08 | 129,670 | 65,375 | 580 | 2 | 780 | 741 | 65,369 | 50,161 | 8 | 0 | |
| 12 | 2553.14 | 129,971 | 65,527 | 574 | 6 | 762 | 769 | 65,528 | 50,310 | 5 | 0 | |
| 13 | 2553.20 | 130,273 | 65,679 | 583 | 2 | 764 | 782 | 65,698 | 50,480 | 4 | 0 | |
| 14 | 2553.28 | 130,674 | 65,882 | 596 | 3 | 820 | 806 | 65,887 | 50,663 | 3 | 0 | |
| 15 | 2553.37 | 131,129 | 66,111 | 596 | 2 | 833 | 778 | 66,061 | 50,843 | 1 | 0 | |
| 16 | 2553.39 | 131,230 | 66,162 | 612 | 3 | 682 | 753 | 66,183 | 50,965 | 3 | 0 | |
| 17 | 2553.43 | 131,432 | 66,264 | 609 | 3 | 743 | 712 | 66,254 | 51,036 | 5 | 0 | |
| 18 | 2553.46 | 131,584 | 66,340 | 578 | 14 | 711 | 703 | 66,322 | 51,104 | 7 | 10 | |
| 19 | 2553.47 | 131,635 | 66,366 | 607 | 3 | 657 | 675 | 66,366 | 51,148 | 3 | 64 | |
| 20 | 2553.57 | 132,141 | 66,621 | 635 | (13) | 894 | 894 | 66,621 | 51,403 | 3 | 87 | |
| 21 | 2553.61 | 132,344 | 66,723 | 598 | 3 | 730 | 734 | 66,727 | 51,509 | 4 | 85 | |
| 22 | 2553.64 | 132,548 | 66,826 | 615 | 3 | 741 | 704 | 66,793 | 51,575 | 3 | 95 | |
| 23 | 2553.64 | 132,548 | 66,826 | 619 | 3 | 641 | 652 | 66,804 | 51,586 | 3 | 98 | |
| 24 | 2553.63 | 132,446 | 66,775 | 587 | 3 | 573 | 624 | 66,804 | 51,586 | 5 | 81 | |
| 25 | 2553.66 | 132,599 | 66,852 | 547 | 2 | 680 | 629 | 66,850 | 51,632 | 5 | 75 | |
| 26 | 2553.67 | 132,650 | 66,878 | 583 | 3 | 654 | 643 | 66,865 | 51,647 | 7 | 78 | |
| 27 | 2553.66 | 132,599 | 66,852 | 596 | 2 | 615 | 606 | 66,830 | 51,612 | 7 | 84 | |
| 28 | 2553.63 | 132,446 | 66,775 | 577 | 3 | 550 | 587 | 66,790 | 51,572 | 8 | 78 | |
| 29 | 2553.64 | 132,497 | 66,801 | 512 | 2 | 595 | 580 | 66,801 | 51,583 | 9 | 34 | |
| 30 | 2553.65 | 132,548 | 66,826 | 482 | 3 | 543 | 543 | 66,826 | 51,608 | 5 | 18 | |
| 31 | ***** | | | | | | | | | | | |
| TOTAL SECOND FOOT DAYS | | 1,075 | 17,025 | 79 | 19,957 | 19,957 | 19,957 | ***** | ***** | 175 | 887 | 0 |
| TOTAL ACRE-FEET | | 2,132 | 33,769 | 157 | 39,584 | 39,584 | 39,584 | 132,548 | 102,364 | 347 | 1,759 | 0 |

By: *[Signature]* Date: May 11, 1988

| DAY | ISABELLA | | RESERVOIR | | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE | | COMPUTED | | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS | 2ND POINT GROUP FLOW AT 2ND PT. | FRONT-KERN INFLOW DRY |
|------------------------|------------------|------------------|-----------|------|----------------------------|--------------------|-----------------------------------|--------------|--|------------------|--------------|-----|----------------------------------|---------------------------------|-----------------------|
| | ELEVATION (FEET) | MIDNIGHT STORAGE | S.F.D. | LOSS | | | LOSS+1ST POINT+FLOW ABOVE 1ST PT. | NATURAL FLOW | RECREATION Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) | TOTAL IRRIGATION | | | | | |
| End of Previous Month | 2553.65 | 132,548 | 66,826 | *** | *** | *** | 543 | *** | *** | *** | 51,608 | *** | *** | *** | *** |
| 1 | 2553.64 | 132,497 | 66,801 | 34 | 518 | 4 | 531 | 546 | 546 | 546 | 51,598 | 5 | 59 | 0 | 1 |
| 2 | 2553.63 | 132,446 | 66,775 | 51 | 549 | 3 | 577 | 579 | 579 | 579 | 51,574 | 8 | 62 | 0 | 2 |
| 3 | 2553.66 | 132,599 | 66,852 | 58 | 491 | 4 | 630 | 598 | 598 | 598 | 51,619 | 9 | 48 | 0 | 3 |
| 4 | 2553.66 | 132,599 | 66,852 | 57 | 527 | 4 | 588 | 592 | 592 | 592 | 51,623 | 9 | 33 | 0 | 4 |
| 5 | 2553.67 | 132,650 | 66,878 | 10 | 517 | 4 | 557 | 589 | 589 | 589 | 51,681 | 2 | 33 | 0 | 5 |
| 6 | 2553.69 | 132,752 | 66,929 | 29 | 539 | 3 | 622 | 579 | 579 | 579 | 51,689 | 5 | 60 | 0 | 6 |
| 7 | 2553.69 | 132,752 | 66,929 | 29 | 525 | 4 | 558 | 589 | 589 | 589 | 51,720 | 5 | 49 | 0 | 7 |
| 8 | 2553.71 | 132,854 | 66,981 | 44 | 487 | 4 | 587 | 591 | 591 | 591 | 51,776 | 7 | 24 | 0 | 8 |
| 9 | 2553.76 | 133,108 | 67,109 | 44 | 453 | 4 | 629 | 587 | 587 | 587 | 51,862 | 7 | 0 | 0 | 9 |
| 10 | 2553.77 | 133,159 | 67,134 | 59 | 456 | 3 | 543 | 584 | 584 | 584 | 51,928 | 9 | 0 | 0 | 10 |
| 11 | 2553.78 | 133,210 | 67,160 | 44 | 507 | 4 | 581 | 627 | 627 | 627 | 52,000 | 7 | 36 | 0 | 11 |
| 12 | 2553.83 | 133,465 | 67,289 | 66 | 558 | 4 | 757 | 768 | 768 | 768 | 52,140 | 11 | 51 | 0 | 12 |
| 13 | 2553.97 | 134,183 | 67,651 | 54 | 545 | 4 | 965 | 965 | 965 | 965 | 52,502 | 9 | 15 | 0 | 13 |
| 14 | 2554.19 | 135,314 | 68,221 | 52 | 548 | 3 | 1,173 | 1,144 | 1,144 | 1,144 | 53,043 | 8 | 48 | 0 | 14 |
| 15 | 2554.45 | 136,659 | 68,899 | 62 | 549 | 4 | 1,293 | 1,253 | 1,253 | 1,253 | 53,681 | 10 | 45 | 0 | 15 |
| 16 | 2554.76 | 138,273 | 69,713 | 57 | 543 | 4 | 1,418 | 1,418 | 1,418 | 1,418 | 54,495 | 9 | 15 | 0 | 16 |
| 17 | 2555.06 | 139,849 | 70,507 | 45 | 531 | 4 | 1,374 | 1,339 | 1,339 | 1,339 | 55,254 | 7 | 0 | 0 | 17 |
| 18 | 2555.31 | 141,171 | 71,174 | 46 | 552 | 4 | 1,269 | 1,247 | 1,247 | 1,247 | 55,899 | 7 | 0 | 0 | 18 |
| 19 | 2555.50 | 142,182 | 71,683 | 53 | 531 | 5 | 1,098 | 1,203 | 1,203 | 1,203 | 56,513 | 8 | 0 | 0 | 19 |
| 20 | 2555.74 | 143,464 | 72,330 | 69 | 521 | 4 | 1,241 | 1,191 | 1,191 | 1,191 | 57,110 | 10 | 0 | 0 | 20 |
| 21 | 2555.98 | 144,754 | 72,980 | 70 | 509 | 4 | 1,233 | 1,275 | 1,275 | 1,275 | 57,802 | 10 | 0 | 0 | 21 |
| 22 | 2556.26 | 146,268 | 73,743 | 64 | 519 | 4 | 1,350 | 1,284 | 1,284 | 1,284 | 58,499 | 9 | 0 | 0 | 22 |
| 23 | 2556.51 | 147,629 | 74,430 | 61 | 517 | 5 | 1,270 | 1,291 | 1,291 | 1,291 | 59,207 | 9 | 0 | 0 | 23 |
| 24 | 2556.75 | 148,945 | 75,093 | 68 | 520 | 4 | 1,255 | 1,245 | 1,245 | 1,245 | 59,860 | 9 | 0 | 0 | 24 |
| 25 | 2556.97 | 150,156 | 75,704 | 71 | 523 | 4 | 1,209 | 1,211 | 1,211 | 1,211 | 60,473 | 10 | 0 | 0 | 25 |
| 26 | 2557.18 | 151,319 | 76,290 | 65 | 514 | 4 | 1,169 | 1,151 | 1,151 | 1,151 | 61,041 | 9 | 0 | 0 | 26 |
| 27 | 2557.36 | 152,320 | 76,795 | 72 | 493 | 5 | 1,075 | 1,068 | 1,068 | 1,068 | 61,539 | 10 | 0 | 0 | 27 |
| 28 | 2557.51 | 153,157 | 77,217 | 40 | 495 | 4 | 961 | 1,011 | 1,011 | 1,011 | 62,011 | 5 | 0 | 0 | 28 |
| 29 | 2557.68 | 154,111 | 77,698 | 13 | 498 | 4 | 996 | 976 | 976 | 976 | 62,472 | 2 | 0 | 0 | 29 |
| 30 | 2557.83 | 154,954 | 78,123 | 42 | 501 | 4 | 972 | 980 | 980 | 980 | 62,905 | 6 | 0 | 0 | 30 |
| 31 | 2557.96 | 155,688 | 78,493 | 58 | 504 | 5 | 937 | 937 | 937 | 937 | 63,275 | 8 | 0 | 0 | 31 |
| TOTAL SECOND FOOT DAYS | | 1,587 | 16,040 | 124 | 29,418 | 29,418 | 29,418 | 29,418 | 29,418 | 29,418 | ***** | 239 | 578 | 0 | |
| TOTAL ACRE-FEET | | 3,148 | 31,815 | 245 | 58,350 | 58,350 | 58,350 | 58,350 | 58,350 | 58,350 | 155,688 | 474 | 1,146 | 0 | |

By: *[Signature]* Date: JUNE 14, 1988

| DAY | ELEVATION (FEET) | MIDNIGHT STORAGE | | RESERVOIR | | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE+LOSS+POINT+FLOW ABOVE 1ST PT. | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | 2ND POINT GROUP FLOW AT 2ND PT. | FRIANT-KERN INFLOW DAY |
|------------------------|------------------|------------------|--------|-----------|--------|----------------------------|--------------------|---|---------------------------------|--|------------------|---|---------------------------------|------------------------|
| | | ACRE-FEET | S.F.D. | LOSS | LOSS | | | | | RECREATION POOL + Dead Storage = 15,218 S.F.D. (30,184 ACFI) | TOTAL IRRIGATION | | | |
| End of Previous Month | 2557.96 | 155,688 | 78,493 | *** | *** | 937 | *** | 78,493 | 63,275 | *** | *** | *** | *** | *** |
| 1 | 2558.01 | 155,970 | 78,635 | 63 | 525 | 2 | 732 | 805 | 63,490 | 8 | 0 | 0 | 0 | 1 |
| 2 | 2558.12 | 156,594 | 78,950 | 72 | 560 | 3 | 950 | 854 | 63,709 | 9 | 0 | 0 | 0 | 2 |
| 3 | 2558.22 | 157,163 | 79,236 | 77 | 514 | 2 | 879 | 896 | 64,012 | 10 | 0 | 0 | 0 | 3 |
| 4 | 2558.32 | 157,732 | 79,523 | 78 | 492 | 3 | 860 | 848 | 64,287 | 10 | 0 | 0 | 0 | 4 |
| 5 | 2558.37 | 158,017 | 79,667 | 60 | 598 | 3 | 805 | 830 | 64,456 | 8 | 0 | 0 | 0 | 5 |
| 6 | 2558.40 | 158,189 | 79,754 | 52 | 683 | 3 | 825 | 778 | 64,496 | 7 | 0 | 0 | 0 | 6 |
| 7 | 2558.37 | 158,017 | 79,667 | 60 | 728 | 2 | 703 | 736 | 64,442 | 8 | 0 | 0 | 0 | 7 |
| 8 | 2558.30 | 157,618 | 79,466 | 69 | 809 | 3 | 680 | 664 | 64,225 | 9 | 0 | 0 | 0 | 8 |
| 9 | 2558.20 | 157,049 | 79,179 | 69 | 824 | 3 | 609 | 623 | 63,952 | 9 | 0 | 0 | 0 | 9 |
| 10 | 2558.09 | 156,424 | 78,864 | 69 | 822 | 3 | 579 | 594 | 63,652 | 9 | 0 | 0 | 0 | 10 |
| 11 | 2557.99 | 155,858 | 78,578 | 72 | 807 | 2 | 595 | 588 | 63,359 | 9 | 0 | 0 | 0 | 11 |
| 12 | 2557.88 | 155,236 | 78,265 | 72 | 828 | 3 | 590 | 616 | 63,072 | 10 | 0 | 0 | 0 | 12 |
| 13 | 2557.77 | 154,616 | 77,952 | 68 | 906 | 2 | 663 | 656 | 62,782 | 9 | 0 | 0 | 0 | 13 |
| 14 | 2557.65 | 153,942 | 77,612 | 75 | 977 | 3 | 715 | 727 | 62,424 | 10 | 0 | 0 | 0 | 14 |
| 15 | 2557.53 | 153,269 | 77,273 | 80 | 1,059 | 3 | 803 | 748 | 62,030 | 11 | 0 | 0 | 0 | 15 |
| 16 | 2557.37 | 152,375 | 76,822 | 79 | 1,094 | 4 | 726 | 735 | 61,588 | 11 | 0 | 0 | 0 | 16 |
| 17 | 2557.19 | 151,374 | 76,318 | 62 | 1,116 | 3 | 677 | 682 | 61,089 | 8 | 0 | 0 | 0 | 17 |
| 18 | 2557.01 | 150,376 | 75,815 | 49 | 1,095 | 3 | 644 | 658 | 60,600 | 7 | 0 | 0 | 0 | 18 |
| 19 | 2556.84 | 149,439 | 75,342 | 45 | 1,077 | 3 | 652 | 665 | 60,140 | 6 | 0 | 0 | 0 | 19 |
| 20 | 2556.68 | 148,560 | 74,899 | 63 | 1,073 | 3 | 698 | 733 | 59,732 | 9 | 0 | 0 | 0 | 20 |
| 21 | 2556.59 | 148,067 | 74,650 | 75 | 1,021 | 3 | 850 | 799 | 59,432 | 11 | 0 | 0 | 0 | 21 |
| 22 | 2556.57 | 147,957 | 74,595 | 71 | 946 | 4 | 966 | 966 | 59,377 | 10 | 0 | 0 | 0 | 22 |
| 23 | 2556.49 | 147,521 | 74,375 | 71 | 859 | 3 | 713 | 743 | 59,187 | 10 | 0 | 0 | 0 | 23 |
| 24 | 2556.46 | 147,357 | 74,293 | 59 | 822 | 3 | 802 | 767 | 59,070 | 8 | 0 | 0 | 0 | 24 |
| 25 | 2556.44 | 147,248 | 74,238 | 61 | 777 | 3 | 786 | 785 | 59,014 | 9 | 0 | 0 | 0 | 25 |
| 26 | 2556.39 | 146,975 | 74,100 | 82 | 820 | 3 | 767 | 751 | 58,860 | 12 | 0 | 0 | 0 | 26 |
| 27 | 2556.29 | 146,431 | 73,826 | 86 | 887 | 3 | 702 | 700 | 58,584 | 12 | 0 | 0 | 0 | 27 |
| 28 | 2556.15 | 145,672 | 73,443 | 82 | 929 | 4 | 632 | 639 | 58,208 | 12 | 0 | 0 | 0 | 28 |
| 29 | 2555.97 | 144,700 | 72,953 | 85 | 944 | 3 | 582 | 599 | 57,735 | 12 | 0 | 0 | 0 | 29 |
| 30 | 2555.75 | 143,518 | 72,357 | 80 | 1,078 | 3 | 565 | 565 | 57,139 | 12 | 0 | 0 | 0 | 30 |
| 31 | ***** | | | | | | | | | | | | | |
| TOTAL SECOND FOOT DAYS | | 2,088 | 25,710 | 88 | 21,750 | 21,750 | 285 | 0 | 0 | | | | | |
| TOTAL ACRE-FEET | | 4,141 | 50,995 | 174 | 43,140 | 43,140 | 143,518 | 113,334 | 565 | 0 | 0 | | | |

By: *Spd* Date: July 12, 1988

NORTH KERN WATER STORAGE DISTRICT BUENA VISTA WATER STORAGE DISTRICT HACIENDA WATER DISTRICT

| DAY | ENT'L FLOW AT 1ST POINT | | RESERVOIR STORAGE | | ENT'L AT 2ND POINT | | FLOW AT 1ST POINT | | FLOW AT 2ND POINT | | RESERVOIR STORAGE | | ENTITLEMENT | | FLOW ABOVE 1ST POINT | | RESERVOIR STORAGE | | |
|------------------------------|-------------------------|--------|-------------------|---------|--------------------|--------|-------------------|---------|-------------------|-----------|-------------------|--------|-------------|-------|----------------------|-------|-------------------|-------|---------|
| | L. Ming | HMD | LOSS | STORAGE | POINT | POINT | VIA CWD | VIA KWD | VIA POINT | VIA POINT | AT 2ND POINT | LOSS | STORAGE | NKMSD | BVMSD | ** | ** | LOSS | STORAGE |
| 1 | 644 | 452 | 0 | 44 | 43,589 | 161 | 51 | 22 | 0 | 0 | 17 | 17,728 | 1 | 2 | 2,173 | 1 | 2 | 2,170 | |
| 2 | 678 | 476 | 0 | 50 | 43,739 | 176 | 62 | 22 | 0 | 0 | 20 | 17,800 | 1 | 2 | 2,170 | 1 | 2 | 2,167 | |
| 3 | 706 | 445 | 0 | 54 | 43,945 | 190 | 59 | 10 | 0 | 0 | 21 | 17,900 | 1 | 2 | 2,164 | 1 | 2 | 2,164 | |
| 4 | 674 | 430 | 0 | 54 | 44,133 | 174 | 58 | 4 | 0 | 0 | 22 | 17,990 | 2 | 2 | 2,160 | 2 | 2 | 2,160 | |
| 5 | 661 | 326 | 0 | 41 | 44,226 | 169 | 62 | 10 | 0 | 0 | 17 | 18,070 | 1 | 2 | 2,144 | 1 | 2 | 2,144 | |
| 6 | 626 | 666 | 0 | 36 | 44,148 | 152 | 0 | 17 | 0 | 0 | 14 | 18,191 | 1 | 2 | 2,157 | 1 | 2 | 2,157 | |
| 7 | 597 | 715 | 0 | 41 | 43,988 | 139 | 0 | 13 | 0 | 0 | 17 | 18,300 | 1 | 2 | 2,154 | 1 | 2 | 2,154 | |
| 8 | 548 | 792 | 0 | 48 | 43,694 | 116 | 0 | 17 | 0 | 0 | 19 | 18,380 | 1 | 2 | 2,151 | 1 | 2 | 2,151 | |
| 9 | 520 | 807 | 0 | 48 | 43,358 | 103 | 0 | 17 | 0 | 0 | 19 | 18,447 | 2 | 2 | 2,147 | 2 | 2 | 2,147 | |
| 10 | 500 | 807 | 0 | 47 | 43,002 | 94 | 0 | 15 | 0 | 0 | 20 | 18,506 | 1 | 2 | 2,144 | 1 | 2 | 2,144 | |
| 11 | 496 | 796 | 0 | 49 | 42,652 | 92 | 0 | 11 | 0 | 0 | 21 | 18,566 | 1 | 2 | 2,141 | 1 | 2 | 2,141 | |
| 12 | 515 | 811 | 0 | 49 | 42,305 | 101 | 0 | 17 | 0 | 0 | 21 | 18,629 | 1 | 2 | 2,138 | 1 | 2 | 2,138 | |
| 13 | 543 | 869 | 0 | 46 | 41,932 | 113 | 0 | 37 | 0 | 0 | 20 | 18,685 | 1 | 2 | 2,135 | 1 | 2 | 2,135 | |
| 14 | 591 | 933 | 0 | 51 | 41,537 | 136 | 0 | 44 | 0 | 0 | 22 | 18,755 | 1 | 2 | 2,132 | 1 | 2 | 2,132 | |
| 15 | 605 | 1,034 | 0 | 55 | 41,051 | 143 | 0 | 25 | 0 | 0 | 23 | 18,850 | 1 | 2 | 2,129 | 1 | 2 | 2,129 | |
| 16 | 597 | 1,064 | 0 | 54 | 40,528 | 138 | 0 | 30 | 0 | 0 | 23 | 18,935 | 2 | 2 | 2,125 | 2 | 2 | 2,125 | |
| 17 | 560 | 1,061 | 0 | 41 | 39,984 | 122 | 0 | 55 | 0 | 0 | 19 | 18,983 | 1 | 2 | 2,122 | 1 | 2 | 2,122 | |
| 18 | 544 | 985 | 0 | 33 | 39,508 | 114 | 0 | 110 | 0 | 0 | 15 | 18,972 | 1 | 1 | 2,120 | 1 | 1 | 2,120 | |
| 19 | 549 | 967 | 0 | 30 | 39,068 | 116 | 0 | 120 | 0 | 0 | 14 | 18,954 | 1 | 1 | 2,118 | 1 | 1 | 2,118 | |
| 20 | 595 | 955 | 0 | 43 | 38,663 | 138 | 0 | 118 | 0 | 0 | 20 | 18,954 | 1 | 2 | 2,115 | 1 | 2 | 2,115 | |
| 21 | 640 | 908 | 0 | 50 | 38,343 | 159 | 0 | 113 | 0 | 0 | 23 | 18,977 | 1 | 2 | 2,112 | 1 | 2 | 2,112 | |
| 22 | 754 | 833 | 0 | 47 | 38,215 | 212 | 0 | 113 | 0 | 0 | 22 | 19,054 | 2 | 2 | 2,108 | 2 | 2 | 2,108 | |
| 23 | 602 | 735 | 0 | 47 | 38,033 | 141 | 0 | 124 | 0 | 0 | 22 | 19,049 | 1 | 2 | 2,105 | 1 | 2 | 2,105 | |
| 24 | 618 | 658 | 0 | 39 | 37,952 | 149 | 0 | 164 | 0 | 0 | 18 | 19,016 | 1 | 2 | 2,102 | 1 | 2 | 2,102 | |
| 25 | 631 | 603 | 0 | 40 | 37,938 | 154 | 0 | 174 | 0 | 0 | 19 | 18,977 | 1 | 2 | 2,099 | 1 | 2 | 2,099 | |
| 26 | 608 | 645 | 0 | 54 | 37,845 | 143 | 0 | 175 | 0 | 0 | 26 | 18,919 | 1 | 2 | 2,096 | 1 | 2 | 2,096 | |
| 27 | 573 | 726 | 0 | 56 | 37,634 | 127 | 0 | 161 | 0 | 0 | 27 | 18,858 | 1 | 3 | 2,092 | 1 | 3 | 2,092 | |
| 28 | 531 | 748 | 0 | 54 | 37,361 | 108 | 0 | 181 | 0 | 0 | 26 | 18,759 | 2 | 2 | 2,088 | 2 | 2 | 2,088 | |
| 29 | 504 | 806 | 0 | 55 | 37,002 | 95 | 0 | 178 | 0 | 0 | 27 | 18,649 | 1 | 3 | 2,084 | 1 | 3 | 2,084 | |
| 30 | 481 | 874 | 0 | 53 | 36,554 | 84 | 0 | 204 | 0 | 0 | 25 | 18,504 | 1 | 2 | 2,081 | 1 | 2 | 2,081 | |
| 31 | ***** | | | | | | | | | | | | | | | | | | |
| S.F.D. | 17,691 | 23,117 | 53 | 0 | 1,409 | 36,554 | 4,059 | 292 | 2,301 | 0 | 0 | 619 | 18,504 | 35 | 60 | 2,081 | S.F.D. | | |
| AC.FT. | 35,089 | 45,852 | 105 | 0 | 2,794 | 72,504 | 8,051 | 579 | 4,564 | 0 | 0 | 1,228 | 36,702 | 69 | 119 | 4,128 | AC.FT. | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | | | | |
| 2,423,656 | | | | | | | | | | | | | | | | | | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | | | | |
| 1,107,484 | | | | | | | | | | | | | | | | | | | |
| 126,603 | | | | | | | | | | | | | | | | | | | |

Contributed by:
 NKMSD
 BVMSD

| DAY | ELEVATION (FEET) | ISABELLA RESERVOIR | | LOSS S.F.D. | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. ABOVE 1ST PT. | CHANGE IN STORAGE+ LOSS+1ST POINT+FLOW | COMPUTED 1ST POINT NATURAL FLOW | KERN STORAGE | | 2ND POINT GROUP FLOW AT 2ND PT. | FRONT-KERN INFLOW DRY |
|------------------------|------------------|--------------------|--|-------------|----------------------------|----------------------------------|--|---------------------------------|--------------|-----------|---------------------------------|-----------------------|
| | | MIDNIGHT STORAGE | RECREATION POOL + DEAD STORAGE = 15,218 S.F.D. (30,184 ACFT) | | | | | | IRRIGATION | POOL LOSS | | |
| End of Previous Month | 2555.75 | 143,518 | 72,357 | *** | *** | 565 | *** | *** | 72,357 | 57,139 | *** | *** |
| 1 | 2555.52 | 142,287 | 71,736 | 83 | 1,072 | 4 | 538 | 544 | 71,742 | 56,524 | 12 | 0 |
| 2 | 2555.29 | 141,064 | 71,120 | 89 | 1,079 | 4 | 556 | 536 | 71,106 | 55,888 | 13 | 0 |
| 3 | 2555.05 | 139,796 | 70,481 | 92 | 1,058 | 4 | 515 | 503 | 70,455 | 55,237 | 14 | 0 |
| 4 | 2554.77 | 138,326 | 69,739 | 93 | 1,083 | 3 | 437 | 444 | 69,720 | 54,502 | 14 | 13 |
| 5 | 2554.46 | 136,711 | 68,925 | 87 | 1,102 | 4 | 379 | 418 | 68,945 | 53,727 | 13 | 33 |
| 6 | 2554.17 | 135,211 | 68,169 | 75 | 1,114 | 4 | 437 | 405 | 68,157 | 52,939 | 12 | 49 |
| 7 | 2553.86 | 133,619 | 67,366 | 83 | 1,115 | 4 | 399 | 407 | 67,362 | 52,144 | 13 | 68 |
| 8 | 2553.56 | 132,090 | 66,595 | 82 | 1,071 | 4 | 386 | 404 | 66,609 | 51,391 | 13 | 62 |
| 9 | 2553.30 | 130,775 | 65,932 | 85 | 1,002 | 4 | 428 | 383 | 65,901 | 50,683 | 14 | 62 |
| 10 | 2553.02 | 129,369 | 65,224 | 89 | 951 | 4 | 336 | 356 | 65,213 | 49,995 | 15 | 54 |
| 11 | 2552.71 | 127,825 | 64,445 | 100 | 978 | 4 | 303 | 326 | 64,457 | 49,239 | 17 | 52 |
| 12 | 2552.42 | 126,390 | 63,722 | 80 | 978 | 3 | 338 | 308 | 63,704 | 48,486 | 14 | 48 |
| 13 | 2552.10 | 124,820 | 62,930 | 68 | 1,003 | 4 | 283 | 311 | 62,940 | 47,722 | 12 | 71 |
| 14 | 2551.77 | 123,215 | 62,121 | 77 | 1,041 | 4 | 313 | 300 | 62,118 | 46,900 | 14 | 92 |
| 15 | 2551.45 | 121,572 | 61,343 | 78 | 1,002 | 4 | 306 | 318 | 61,352 | 46,134 | 14 | 101 |
| 16 | 2551.16 | 120,285 | 60,644 | 69 | 961 | 4 | 335 | 304 | 60,622 | 45,404 | 12 | 101 |
| 17 | 2550.84 | 118,767 | 59,878 | 84 | 948 | 4 | 270 | 313 | 59,899 | 44,681 | 15 | 85 |
| 18 | 2550.53 | 117,308 | 59,143 | 88 | 977 | 4 | 334 | 290 | 59,120 | 43,902 | 16 | 49 |
| 19 | 2550.18 | 115,677 | 58,321 | 80 | 1,003 | 4 | 265 | 299 | 58,332 | 43,114 | 15 | 17 |
| 20 | 2549.80 | 113,923 | 57,436 | 69 | 1,110 | 3 | 227 | 286 | 57,436 | 42,218 | 13 | 15 |
| 21 | 2549.41 | 112,142 | 56,538 | 52 | 1,139 | 4 | 297 | 296 | 56,537 | 41,319 | 10 | 31 |
| 22 | 2549.02 | 110,380 | 55,650 | 50 | 1,127 | 5 | 294 | 299 | 55,654 | 40,436 | 10 | 39 |
| 23 | 2548.65 | 108,727 | 54,817 | 36 | 1,098 | 4 | 305 | 305 | 54,821 | 39,603 | 7 | 58 |
| 24 | 2548.30 | 107,178 | 54,036 | 64 | 1,030 | 4 | 317 | 320 | 54,043 | 38,825 | 13 | 35 |
| 25 | 2547.95 | 105,645 | 53,263 | 69 | 1,039 | 4 | 339 | 333 | 53,264 | 38,046 | 14 | 0 |
| 26 | 2547.64 | 104,299 | 52,584 | 70 | 947 | 5 | 343 | 324 | 52,566 | 37,348 | 15 | 0 |
| 27 | 2547.39 | 103,223 | 52,042 | 76 | 752 | 4 | 290 | 285 | 52,019 | 36,801 | 16 | 0 |
| 28 | 2547.12 | 102,069 | 51,460 | 72 | 728 | 3 | 221 | 245 | 51,461 | 36,243 | 16 | 0 |
| 29 | 2546.86 | 100,967 | 50,904 | 66 | 711 | 4 | 225 | 230 | 50,910 | 35,692 | 15 | 0 |
| 30 | 2546.63 | 99,999 | 50,416 | 73 | 655 | 4 | 244 | 238 | 50,416 | 35,198 | 16 | 0 |
| 31 | 2546.42 | 99,120 | 49,973 | 74 | 607 | 4 | 242 | 242 | 49,973 | 34,755 | 17 | 0 |
| TOTAL SECOND FOOT DAYS | | | 2,353 | 30,481 | 122 | 10,572 | 10,572 | 10,572 | ***** | ***** | 424 | 1,135 |
| TOTAL ACRE-FEET | | | 4,667 | 60,458 | 241 | 20,969 | 20,969 | 20,969 | 99,120 | 68,936 | 841 | 2,251 |

By: *gal* Date: August 5, 1988

| DAY | ISABELLA | | RESERVOIR | | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE+ LOSS+1ST POINT-FLOW ABOVE 1ST PT. | COMPUTED 1ST POINT NATURAL FLOW | MEAN | | KERN | | FRIGANT- KERN INFLOW DRY |
|-----------------------|---------------------|-----------|-----------|-------|----------------------------------|--------------------------|--|--|--|---------------------|-----------------------------------|---------------------------------------|-----------------------------------|
| | ELEVATION (FEET) | ACRE-FEET | S.F.D. | LOSS | | | | | RECREATION POOL + DEAD STORAGE = 15,218 S.F.D. (30,184 ADFT) | TOTAL IRRIGATION | COUNTY RECREATION POOL LOSS | 2ND POINT GROUP FLOW AT 2ND PT. | |
| End of Previous Month | 2546.42 | 99,120 | 49,973 | *** | *** | 242 | *** | 49,973 | 34,755 | *** | *** | *** | *** |
| 1 | 2546.15 | 97,999 | 49,408 | 80 | 667 | 4 | 216 | 49,438 | 34,220 | 18 | 0 | 0 | 1 |
| 2 | 2545.92 | 97,050 | 48,929 | 64 | 686 | 5 | 232 | 48,915 | 33,697 | 15 | 0 | 0 | 2 |
| 3 | 2545.67 | 96,027 | 48,414 | 69 | 674 | 5 | 235 | 48,402 | 33,184 | 16 | 0 | 0 | 3 |
| 4 | 2545.42 | 95,011 | 47,901 | 53 | 651 | 4 | 233 | 47,927 | 32,709 | 13 | 0 | 0 | 4 |
| 5 | 2545.22 | 94,204 | 47,495 | 62 | 611 | 5 | 211 | 47,460 | 32,242 | 15 | 0 | 0 | 5 |
| 6 | 2545.01 | 93,360 | 47,069 | 62 | 525 | 5 | 166 | 47,084 | 31,866 | 15 | 0 | 0 | 6 |
| 7 | 2544.84 | 92,683 | 46,728 | 60 | 486 | 4 | 209 | 46,719 | 31,501 | 15 | 0 | 0 | 7 |
| 8 | 2544.63 | 91,850 | 46,308 | 57 | 539 | 5 | 193 | 46,311 | 31,093 | 14 | 0 | 0 | 8 |
| 9 | 2544.40 | 90,944 | 45,851 | 61 | 580 | 5 | 189 | 45,865 | 30,647 | 15 | 0 | 0 | 9 |
| 10 | 2544.20 | 90,161 | 45,456 | 60 | 561 | 4 | 230 | 45,445 | 30,227 | 15 | 0 | 0 | 10 |
| 11 | 2544.01 | 89,460 | 45,103 | 56 | 487 | 5 | 195 | 45,095 | 29,877 | 14 | 0 | 0 | 11 |
| 12 | 2543.83 | 88,725 | 44,732 | 54 | 480 | 5 | 190 | 44,746 | 29,528 | 14 | 0 | 0 | 12 |
| 13 | 2543.68 | 88,148 | 44,441 | 54 | 441 | 4 | 208 | 44,420 | 29,202 | 14 | 0 | 0 | 13 |
| 14 | 2543.52 | 87,534 | 44,132 | 54 | 394 | 5 | 144 | 44,140 | 28,922 | 14 | 0 | 0 | 14 |
| 15 | 2543.36 | 86,925 | 43,825 | 56 | 413 | 5 | 167 | 43,832 | 28,614 | 15 | 0 | 0 | 15 |
| 16 | 2543.21 | 86,356 | 43,538 | 52 | 418 | 4 | 187 | 43,522 | 28,304 | 14 | 0 | 0 | 16 |
| 17 | 2543.02 | 85,638 | 43,176 | 57 | 439 | 5 | 139 | 43,196 | 27,978 | 15 | 0 | 0 | 17 |
| 18 | 2542.83 | 84,925 | 42,816 | 64 | 490 | 5 | 199 | 42,819 | 27,601 | 17 | 0 | 0 | 18 |
| 19 | 2542.64 | 84,217 | 42,459 | 58 | 502 | 4 | 207 | 42,454 | 27,236 | 16 | 0 | 0 | 19 |
| 20 | 2542.47 | 83,587 | 42,142 | 57 | 446 | 5 | 191 | 42,119 | 26,901 | 16 | 0 | 0 | 20 |
| 21 | 2542.28 | 82,986 | 41,788 | 47 | 423 | 5 | 121 | 41,797 | 26,579 | 13 | 0 | 0 | 21 |
| 22 | 2542.07 | 82,116 | 41,400 | 54 | 477 | 4 | 147 | 41,434 | 26,216 | 15 | 0 | 0 | 22 |
| 23 | 2541.92 | 81,570 | 41,125 | 37 | 480 | 5 | 247 | 41,108 | 25,890 | 10 | 0 | 0 | 23 |
| 24 | 2541.83 | 81,243 | 40,960 | 40 | 314 | 5 | 194 | 40,948 | 25,730 | 11 | 0 | 0 | 24 |
| 25 | 2541.76 | 80,989 | 40,832 | 35 | 244 | 4 | 155 | 40,873 | 25,655 | 10 | 0 | 0 | 25 |
| 26 | 2541.73 | 80,882 | 40,778 | 51 | 272 | 5 | 274 | 40,805 | 25,587 | 15 | 0 | 0 | 26 |
| 27 | 2541.77 | 81,025 | 40,850 | 35 | 240 | 5 | 352 | 40,844 | 25,626 | 10 | 0 | 0 | 27 |
| 28 | 2541.76 | 80,989 | 40,832 | 37 | 307 | 4 | 330 | 40,836 | 25,618 | 11 | 0 | 0 | 28 |
| 29 | 2541.73 | 80,882 | 40,778 | 47 | 342 | 4 | 339 | 40,787 | 25,569 | 13 | 0 | 0 | 29 |
| 30 | 2541.72 | 80,845 | 40,759 | 48 | 332 | 4 | 365 | 40,759 | 25,541 | 14 | 0 | 0 | 30 |
| 31 | 2541.66 | 80,629 | 40,650 | 52 | 370 | 4 | 317 | 40,650 | 25,432 | 15 | 0 | 0 | 31 |
| TOTAL SECOND FOOT DRY | | | | 1,673 | 14,291 | 142 | 6,783 | ***** | ***** | 437 | 0 | 0 | |
| TOTAL ACRE-FEET | | 3,318 | 28,346 | 282 | 13,454 | 13,454 | 13,454 | 80,629 | 50,445 | 867 | 0 | 0 | |

By: *[Signature]* Date: SEPTEMBER 12, 1988

| DAY | NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | HACIENDA WATER DISTRICT | | | | | | | | |
|------------------------------|-----------------------------------|-------------------|--------------------|--------------|------------------------------------|----------------|------------------------|-------------------|-------------------------|-----------------------|-------------------|-------------|-----------------------|-------------------|------------------------------|-----|--------|
| | ENT'L FLOW ABOVE 1ST POINT | RESERVOIR STORAGE | ENT'L AT 2ND POINT | FOR VIA CITY | FOR VIA CMO | VIA KMWD POINT | AT 2ND ABOVE 1ST POINT | RESERVOIR STORAGE | ENTITLEMENT MWUSD | CONTRIBUTED BY: MWUSD | RESERVOIR STORAGE | ENTITLEMENT | CONTRIBUTED BY: MWUSD | RESERVOIR STORAGE | | | |
| End of Previous Month | ** | ** | *** | ** | ** | ** | ** | *** | ** | ** | ** | ** | ** | *** | | | |
| 1 | 216 | 582 | 2 | 0 | 52 | 21,083 | 0 | 15 | 0 | 70 | 0 | 0 | 25 | 11,529 | 2 | 3 | 1,608 |
| 2 | 232 | 589 | 2 | 0 | 42 | 20,682 | 0 | 15 | 0 | 82 | 0 | 1 | 20 | 11,411 | 2 | 2 | 1,604 |
| 3 | 235 | 578 | 2 | 0 | 44 | 20,293 | 0 | 15 | 0 | 81 | 0 | 0 | 22 | 11,293 | 3 | 3 | 1,598 |
| 4 | 233 | 575 | 2 | 0 | 34 | 19,915 | 0 | 15 | 0 | 61 | 0 | 0 | 17 | 11,200 | 2 | 2 | 1,594 |
| 5 | 211 | 489 | 2 | 0 | 40 | 19,595 | 0 | 15 | 26 | 81 | 0 | 1 | 20 | 11,057 | 2 | 2 | 1,590 |
| 6 | 216 | 399 | 2 | 0 | 40 | 19,370 | 0 | 15 | 40 | 71 | 0 | 0 | 20 | 10,911 | 3 | 2 | 1,585 |
| 7 | 185 | 375 | 2 | 0 | 39 | 19,139 | 0 | 15 | 30 | 66 | 0 | 0 | 19 | 10,781 | 2 | 2 | 1,581 |
| 8 | 193 | 417 | 2 | 0 | 37 | 18,876 | 0 | 15 | 37 | 70 | 0 | 1 | 18 | 10,640 | 2 | 2 | 1,577 |
| 9 | 200 | 452 | 2 | 0 | 40 | 18,582 | 0 | 15 | 27 | 86 | 0 | 0 | 19 | 10,493 | 3 | 2 | 1,572 |
| 10 | 205 | 451 | 2 | 0 | 39 | 18,295 | 0 | 15 | 0 | 95 | 0 | 0 | 19 | 10,364 | 2 | 2 | 1,568 |
| 11 | 198 | 368 | 2 | 0 | 36 | 18,087 | 0 | 15 | 0 | 104 | 0 | 1 | 18 | 10,226 | 2 | 2 | 1,564 |
| 12 | 190 | 367 | 2 | 0 | 35 | 17,873 | 0 | 15 | 0 | 98 | 0 | 0 | 17 | 10,096 | 3 | 2 | 1,559 |
| 13 | 173 | 319 | 2 | 0 | 35 | 17,690 | 0 | 15 | 0 | 107 | 0 | 0 | 17 | 9,957 | 2 | 2 | 1,555 |
| 14 | 173 | 288 | 2 | 0 | 35 | 17,538 | 0 | 15 | 0 | 91 | 0 | 1 | 17 | 9,833 | 2 | 2 | 1,551 |
| 15 | 166 | 323 | 2 | 0 | 36 | 17,343 | 0 | 15 | 0 | 75 | 0 | 0 | 18 | 9,725 | 3 | 2 | 1,546 |
| 16 | 164 | 273 | 2 | 0 | 34 | 17,198 | 0 | 15 | 0 | 130 | 0 | 0 | 16 | 9,564 | 2 | 2 | 1,542 |
| 17 | 175 | 270 | 2 | 0 | 37 | 17,064 | 0 | 15 | 0 | 154 | 0 | 0 | 18 | 9,377 | 3 | 2 | 1,537 |
| 18 | 182 | 293 | 2 | 0 | 41 | 16,910 | 0 | 15 | 0 | 182 | 0 | 1 | 20 | 9,159 | 2 | 3 | 1,532 |
| 19 | 199 | 321 | 2 | 0 | 38 | 16,748 | 0 | 15 | 0 | 166 | 0 | 0 | 18 | 8,960 | 2 | 2 | 1,528 |
| 20 | 173 | 282 | 2 | 0 | 38 | 16,599 | 0 | 15 | 9 | 140 | 0 | 0 | 17 | 8,779 | 3 | 2 | 1,523 |
| 21 | 153 | 278 | 2 | 0 | 31 | 16,441 | 0 | 3 | 16 | 126 | 0 | 1 | 14 | 8,619 | 2 | 2 | 1,519 |
| 22 | 172 | 328 | 2 | 0 | 36 | 16,247 | 0 | 0 | 0 | 149 | 0 | 0 | 16 | 8,454 | 2 | 2 | 1,515 |
| 23 | 196 | 333 | 2 | 0 | 24 | 16,084 | 0 | 0 | 42 | 105 | 0 | 0 | 11 | 8,296 | 3 | 2 | 1,510 |
| 24 | 199 | 227 | 2 | 0 | 26 | 16,028 | 0 | 0 | 54 | 33 | 0 | 1 | 12 | 8,196 | 2 | 2 | 1,506 |
| 25 | 208 | 176 | 2 | 0 | 24 | 16,034 | 0 | 0 | 47 | 21 | 0 | 0 | 10 | 8,118 | 2 | 1 | 1,503 |
| 26 | 260 | 206 | 2 | 0 | 34 | 16,052 | 0 | 0 | 56 | 10 | 0 | 0 | 15 | 8,037 | 3 | 2 | 1,498 |
| 27 | 313 | 201 | 2 | 0 | 24 | 16,138 | 6 | 0 | 29 | 10 | 0 | 1 | 10 | 7,993 | 2 | 1 | 1,495 |
| 28 | 327 | 268 | 2 | 0 | 24 | 16,171 | 13 | 0 | 29 | 10 | 0 | 0 | 11 | 7,956 | 2 | 2 | 1,491 |
| 29 | 330 | 317 | 2 | 0 | 31 | 16,151 | 14 | 0 | 15 | 10 | 0 | 0 | 14 | 7,931 | 2 | 2 | 1,487 |
| 30 | 338 | 320 | 1 | 0 | 32 | 16,136 | 18 | 0 | 0 | 12 | 0 | 1 | 14 | 7,922 | 2 | 2 | 1,483 |
| 31 | 312 | 342 | 2 | 0 | 35 | 16,069 | 5 | 0 | 8 | 20 | 0 | 0 | 15 | 7,884 | 2 | 2 | 1,479 |
| S.F.D. | 6,727 | 11,007 | 61 | 0 | 1,093 | 16,069 | 56 | 303 | 465 | 2,516 | 0 | 10 | 517 | 7,884 | 71 | 63 | 1,479 |
| AC.F.T. | 13,343 | 21,834 | 121 | 0 | 2,168 | 31,873 | 111 | 600 | 922 | 4,990 | 0 | 20 | 1,025 | 15,638 | 141 | 125 | 2,934 |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | 584,650 | TOTAL ACRE-FOOT STORAGE DAYS | | 94,810 |

| DAY | ELEVATION (FEET) | ISABELLA RESERVOIR STORAGE | | LOSS S.F.D. | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE | | COMPUTED 1ST POINT NATURAL FLOW | KERN STORAGE | | FRONT-KERN INFLOW DRY |
|------------------------|------------------|----------------------------|----------|-------------|----------------------------|--------------------|-----------------------------------|--|---------------------------------|----------------------|----------------------|-----------------------|
| | | MINIGHT | MIDNIGHT | | | | LOSS+1ST POINT+FLOW ABOVE 1ST PT. | Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACF1) | | POOL LOSS AT 2ND PT. | 2ND POINT GROUP FLOW | |
| End of Previous Month | 2541.66 | 80,629 | 40,650 | *** | *** | *** | 317 | *** | 40,650 | 25,432 | *** | *** |
| 1 | 2541.56 | 80,268 | 40,468 | 57 | 403 | 4 | 282 | 286 | 40,472 | 25,254 | 16 | 0 |
| 2 | 2541.51 | 80,089 | 40,378 | 36 | 342 | 5 | 293 | 283 | 40,372 | 25,154 | 10 | 0 |
| 3 | 2541.48 | 79,902 | 40,324 | 55 | 268 | 5 | 274 | 263 | 40,307 | 25,089 | 16 | 0 |
| 4 | 2541.43 | 79,803 | 40,234 | 50 | 257 | 4 | 221 | 236 | 40,232 | 25,014 | 15 | 0 |
| 5 | 2541.34 | 79,481 | 40,072 | 47 | 323 | 5 | 213 | 215 | 40,072 | 24,854 | 14 | 0 |
| 6 | 2541.23 | 79,089 | 39,874 | 52 | 354 | 4 | 212 | 214 | 39,876 | 24,658 | 15 | 0 |
| 7 | 2541.13 | 78,734 | 39,695 | 56 | 337 | 4 | 218 | 211 | 39,690 | 24,472 | 17 | 0 |
| 8 | 2541.04 | 78,415 | 39,534 | 52 | 306 | 5 | 202 | 209 | 39,536 | 24,318 | 15 | 0 |
| 9 | 2540.97 | 78,169 | 39,410 | 51 | 276 | 4 | 207 | 197 | 39,402 | 24,184 | 15 | 0 |
| 10 | 2540.90 | 77,922 | 39,286 | 52 | 249 | 5 | 182 | 193 | 39,289 | 24,071 | 16 | 0 |
| 11 | 2540.85 | 77,746 | 39,197 | 47 | 227 | 4 | 189 | 180 | 39,191 | 23,973 | 14 | 0 |
| 12 | 2540.79 | 77,535 | 39,091 | 44 | 225 | 5 | 168 | 178 | 39,095 | 23,877 | 13 | 0 |
| 13 | 2540.75 | 77,396 | 39,021 | 41 | 203 | 4 | 178 | 164 | 39,011 | 23,793 | 12 | 0 |
| 14 | 2540.71 | 77,256 | 38,950 | 39 | 173 | 5 | 146 | 162 | 38,956 | 23,738 | 12 | 0 |
| 15 | 2540.68 | 77,151 | 38,897 | 42 | 170 | 4 | 163 | 153 | 38,893 | 23,675 | 13 | 0 |
| 16 | 2540.65 | 77,046 | 38,844 | 39 | 161 | 4 | 151 | 152 | 38,841 | 23,623 | 12 | 0 |
| 17 | 2540.61 | 76,906 | 38,773 | 53 | 155 | 4 | 141 | 137 | 38,766 | 23,548 | 16 | 0 |
| 18 | 2540.55 | 76,697 | 38,668 | 36 | 182 | 5 | 118 | 130 | 38,673 | 23,455 | 11 | 0 |
| 19 | 2540.49 | 76,489 | 38,563 | 38 | 194 | 4 | 131 | 118 | 38,555 | 23,337 | 12 | 0 |
| 20 | 2540.41 | 76,212 | 38,424 | 43 | 196 | 5 | 105 | 122 | 38,433 | 23,215 | 13 | 0 |
| 21 | 2540.33 | 75,935 | 38,284 | 34 | 233 | 4 | 131 | 141 | 38,303 | 23,085 | 10 | 0 |
| 22 | 2540.28 | 75,762 | 38,197 | 37 | 235 | 5 | 186 | 169 | 38,199 | 22,981 | 10 | 0 |
| 23 | 2540.24 | 75,625 | 38,128 | 33 | 219 | 4 | 191 | 187 | 38,126 | 22,908 | 11 | 0 |
| 24 | 2540.21 | 75,522 | 38,076 | 32 | 199 | 5 | 184 | 171 | 38,061 | 22,843 | 10 | 0 |
| 25 | 2540.17 | 75,384 | 38,006 | 30 | 173 | 4 | 137 | 157 | 38,011 | 22,793 | 9 | 0 |
| 26 | 2540.14 | 75,281 | 37,954 | 28 | 170 | 4 | 150 | 142 | 37,951 | 22,733 | 9 | 0 |
| 27 | 2540.11 | 75,178 | 37,902 | 27 | 160 | 4 | 139 | 157 | 37,917 | 22,699 | 8 | 0 |
| 28 | 2540.11 | 75,178 | 37,902 | 27 | 149 | 5 | 181 | 154 | 37,890 | 22,672 | 8 | 0 |
| 29 | 2540.09 | 75,109 | 37,867 | 35 | 140 | 4 | 144 | 156 | 37,867 | 22,649 | 11 | 0 |
| 30 | 2540.08 | 75,075 | 37,850 | 44 | 142 | 5 | 174 | 174 | 37,850 | 22,632 | 14 | 0 |
| 31 | ***** | | | | | | | | | | | |
| TOTAL SECOND FOOT DAYS | | 1,257 | 6,821 | 133 | 5,411 | 5,411 | 5,411 | 5,411 | 5,411 | 377 | 0 | 0 |
| TOTAL ACRE-FEET | | 2,493 | 13,529 | 264 | 10,733 | 10,733 | 10,733 | 10,733 | 10,733 | 44,891 | 748 | 0 |

By: *[Signature]* Date: OCTOBER 6, 1988

| DAY | NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | MAGCENORA WATER DISTRICT | | | | RESERVOIR | | | | | |
|------------------------------|-----------------------------------|----------------------|-----------|---------|------------------------------------|---------|-----------|--------------|--------------------------|---------|--------------------|-----------------------|-----------|---------------------|------|---------|-------|---------|
| | FLOW ABOVE 1ST POINT | | RESERVOIR | | FLOW | | RESERVOIR | | FLOW | | ENTITLEMENT | | RESERVOIR | | | | | |
| | ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | VIA CMD | VIA KMD | AT 2ND POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | CONTRIBUTED BY: MMMSD | MMMSD | FOR ABOVE 1ST POINT | LOSS | STORAGE | DAY | |
| End of Previous Month | ** | ** | *** | 16,069 | *** | ** | ** | ** | *** | 7,884 | ** | ** | ** | ** | *** | 1,479 | | |
| 1 | 286 | 326 | 1 | 0 | 38 | 15,990 | 0 | 0 | 17 | 7,790 | 0 | 0 | 0 | 3 | 2 | 1,474 | 1 | |
| 2 | 283 | 275 | 2 | 0 | 23 | 15,973 | 0 | 0 | 11 | 7,712 | 0 | 0 | 0 | 3 | 2 | 1,469 | 2 | |
| 3 | 263 | 220 | 2 | 0 | 37 | 15,977 | 0 | 0 | 16 | 7,648 | 0 | 0 | 0 | 3 | 2 | 1,464 | 3 | |
| 4 | 236 | 191 | 1 | 0 | 34 | 15,987 | 0 | 0 | 14 | 7,568 | 0 | 0 | 0 | 3 | 2 | 1,459 | 4 | |
| 5 | 215 | 246 | 2 | 0 | 32 | 15,922 | 0 | 0 | 13 | 7,512 | 0 | 0 | 34 | 3 | 2 | 1,420 | 5 | |
| 6 | 214 | 258 | 2 | 0 | 35 | 15,841 | 0 | 0 | 15 | 7,460 | 0 | 0 | 59 | 2 | 2 | 1,357 | 6 | |
| 7 | 211 | 256 | 1 | 0 | 38 | 15,757 | 0 | 0 | 16 | 7,406 | 0 | 0 | 43 | 3 | 2 | 1,309 | 7 | |
| 8 | 209 | 247 | 2 | 0 | 35 | 15,682 | 0 | 0 | 15 | 7,365 | 0 | 0 | 33 | 3 | 2 | 1,271 | 8 | |
| 9 | 197 | 212 | 1 | 0 | 34 | 15,632 | 0 | 0 | 15 | 7,332 | 0 | 0 | 46 | 3 | 2 | 1,220 | 9 | |
| 10 | 193 | 180 | 2 | 0 | 35 | 15,608 | 0 | 0 | 15 | 7,296 | 0 | 0 | 48 | 3 | 2 | 1,167 | 10 | |
| 11 | 180 | 164 | 1 | 0 | 31 | 15,582 | 0 | 0 | 14 | 7,264 | 0 | 0 | 45 | 3 | 2 | 1,117 | 11 | |
| 12 | 178 | 160 | 2 | 0 | 30 | 15,578 | 0 | 0 | 13 | 7,233 | 0 | 0 | 47 | 3 | 1 | 1,066 | 12 | |
| 13 | 164 | 126 | 1 | 0 | 28 | 15,587 | 0 | 0 | 12 | 7,200 | 0 | 0 | 56 | 3 | 1 | 1,006 | 13 | |
| 14 | 162 | 111 | 2 | 0 | 27 | 15,609 | 0 | 0 | 11 | 7,175 | 0 | 0 | 48 | 3 | 1 | 954 | 14 | |
| 15 | 153 | 156 | 1 | 0 | 29 | 15,576 | 0 | 0 | 12 | 7,149 | 0 | 0 | 0 | 3 | 1 | 950 | 15 | |
| 16 | 152 | 148 | 2 | 0 | 27 | 15,551 | 0 | 0 | 11 | 7,125 | 0 | 0 | 0 | 2 | 1 | 947 | 16 | |
| 17 | 137 | 100 | 1 | 0 | 37 | 15,550 | 0 | 0 | 15 | 7,102 | 0 | 0 | 47 | 3 | 1 | 896 | 17 | |
| 18 | 130 | 123 | 2 | 0 | 25 | 15,530 | 0 | 0 | 10 | 7,084 | 0 | 0 | 51 | 3 | 1 | 841 | 18 | |
| 19 | 118 | 185 | 1 | 0 | 26 | 15,436 | 0 | 0 | 11 | 7,065 | 0 | 0 | 1 | 3 | 1 | 836 | 19 | |
| 20 | 122 | 184 | 2 | 0 | 30 | 15,342 | 0 | 0 | 12 | 7,044 | 0 | 0 | 3 | 3 | 1 | 829 | 20 | |
| 21 | 141 | 196 | 1 | 0 | 23 | 15,263 | 0 | 0 | 10 | 7,020 | 0 | 0 | 23 | 3 | 1 | 802 | 21 | |
| 22 | 169 | 197 | 2 | 0 | 23 | 15,210 | 0 | 0 | 9 | 7,001 | 0 | 0 | 28 | 3 | 1 | 770 | 22 | |
| 23 | 187 | 187 | 1 | 0 | 25 | 15,184 | 0 | 0 | 11 | 6,980 | 0 | 0 | 22 | 3 | 1 | 744 | 23 | |
| 24 | 171 | 170 | 2 | 0 | 22 | 15,161 | 0 | 0 | 9 | 6,963 | 0 | 0 | 21 | 3 | 1 | 719 | 24 | |
| 25 | 157 | 137 | 1 | 0 | 20 | 15,160 | 0 | 0 | 9 | 6,945 | 0 | 0 | 27 | 3 | 1 | 688 | 25 | |
| 26 | 142 | 160 | 2 | 0 | 19 | 15,121 | 0 | 0 | 8 | 6,927 | 0 | 0 | 0 | 2 | 1 | 685 | 26 | |
| 27 | 157 | 160 | 1 | 0 | 18 | 15,099 | 0 | 0 | 8 | 6,919 | 0 | 0 | 0 | 3 | 1 | 681 | 27 | |
| 28 | 154 | 146 | 2 | 0 | 18 | 15,087 | 0 | 0 | 8 | 6,908 | 0 | 0 | 0 | 3 | 1 | 677 | 28 | |
| 29 | 156 | 135 | 1 | 0 | 24 | 15,083 | 0 | 0 | 10 | 6,893 | 0 | 0 | 0 | 3 | 1 | 673 | 29 | |
| 30 | 174 | 137 | 2 | 0 | 30 | 15,088 | 0 | 0 | 13 | 6,875 | 0 | 0 | 0 | 3 | 1 | 669 | 30 | |
| 31 | ***** | | | | | | | | | | | | | | | | 31 | |
| S.F.D. | 5,411 | 5,493 | 46 | 0 | 853 | 15,088 | 0 | 229 | 417 | 0 | 0 | 363 | 6,875 | 682 | 87 | 41 | 669 | S.F.D. |
| AC.F.T. | 10,733 | 10,896 | 91 | 0 | 1,692 | 29,928 | 0 | 453 | 827 | 0 | 0 | 720 | 13,636 | 1,353 | 173 | 81 | 1,327 | AC.F.T. |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 322,663 | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 428,352 | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | 59,821 | | |

| DAY | ISABELLA RESERVOIR | | MIDNIGHT STORAGE | | FIRST POINT REGULATED FLOW | CHANGE IN STORAGE | | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | 2ND POINT GROUP FLOW | FRONT-KERN INFLOW | FRONT-KERN DRY |
|-----------------------|--------------------|-----------|------------------|------|----------------------------|-----------------------------------|-----------------------------------|---------------------------------|------------------|--|---|----------------------|-------------------|----------------|
| | ELEVATION (FEET) | ACRE-FEET | S.F.D. | LOSS | | LOSS+1ST POINT+FLOW ABOVE 1ST PT. | LOSS+1ST POINT+FLOW ABOVE 1ST PT. | | TOTAL IRRIGATION | RECREATION POOL + Dead Storage = 15,218 S.F.D. (30,184 ACFT) | | | | |
| End of Previous Month | 2540.08 | 75,075 | 37,850 | *** | *** | 174 | *** | *** | 37,850 | 22,632 | *** | *** | *** | *** |
| 1 | 2540.07 | 75,041 | 37,833 | 40 | 156 | 3 | 182 | 174 | 37,825 | 22,607 | 12 | 0 | 0 | 1 |
| 2 | 2540.05 | 74,972 | 37,798 | 31 | 158 | 4 | 158 | 162 | 37,794 | 22,576 | 10 | 0 | 0 | 2 |
| 3 | 2540.02 | 74,869 | 37,746 | 39 | 155 | 4 | 146 | 151 | 37,747 | 22,529 | 12 | 0 | 0 | 3 |
| 4 | 2539.99 | 74,768 | 37,696 | 39 | 155 | 4 | 148 | 149 | 37,698 | 22,480 | 12 | 0 | 0 | 4 |
| 5 | 2539.95 | 74,631 | 37,626 | 38 | 181 | 3 | 152 | 158 | 37,634 | 22,416 | 12 | 0 | 0 | 5 |
| 6 | 2539.93 | 74,563 | 37,592 | 36 | 170 | 3 | 175 | 157 | 37,582 | 22,364 | 11 | 0 | 0 | 6 |
| 7 | 2539.90 | 74,460 | 37,540 | 29 | 164 | 4 | 145 | 160 | 37,545 | 22,327 | 9 | 0 | 0 | 7 |
| 8 | 2539.88 | 74,392 | 37,506 | 29 | 162 | 4 | 161 | 152 | 37,502 | 22,284 | 9 | 0 | 0 | 8 |
| 9 | 2539.85 | 74,290 | 37,455 | 35 | 163 | 3 | 150 | 162 | 37,463 | 22,245 | 11 | 0 | 0 | 9 |
| 10 | 2539.84 | 74,256 | 37,437 | 29 | 159 | 4 | 174 | 146 | 37,417 | 22,199 | 9 | 0 | 0 | 10 |
| 11 | 2539.82 | 74,188 | 37,403 | 28 | 117 | 3 | 114 | 153 | 37,422 | 22,204 | 9 | 0 | 0 | 11 |
| 12 | 2539.82 | 74,188 | 37,403 | 32 | 135 | 4 | 171 | 145 | 37,396 | 22,178 | 10 | 0 | 0 | 12 |
| 13 | 2539.81 | 74,154 | 37,386 | 32 | 132 | 3 | 150 | 152 | 37,381 | 22,163 | 10 | 0 | 0 | 13 |
| 14 | 2539.79 | 74,086 | 37,352 | 32 | 133 | 3 | 134 | 150 | 37,363 | 22,145 | 10 | 0 | 0 | 14 |
| 15 | 2539.79 | 74,086 | 37,352 | 25 | 137 | 4 | 166 | 151 | 37,348 | 22,130 | 8 | 0 | 0 | 15 |
| 16 | 2539.78 | 74,052 | 37,335 | 25 | 141 | 3 | 152 | 152 | 37,331 | 22,113 | 8 | 0 | 0 | 16 |
| 17 | 2539.76 | 73,984 | 37,300 | 25 | 145 | 4 | 139 | 141 | 37,298 | 22,080 | 8 | 0 | 0 | 17 |
| 18 | 2539.73 | 73,883 | 37,249 | 37 | 143 | 3 | 132 | 144 | 37,259 | 22,041 | 12 | 0 | 0 | 18 |
| 19 | 2539.72 | 73,849 | 37,232 | 31 | 145 | 3 | 162 | 152 | 37,232 | 22,014 | 10 | 0 | 0 | 19 |
| 20 | 2539.72 | 73,849 | 37,232 | 20 | 139 | 4 | 163 | 160 | 37,229 | 22,011 | 6 | 0 | 0 | 20 |
| 21 | 2539.70 | 73,782 | 37,198 | 40 | 146 | 3 | 155 | 147 | 37,187 | 21,969 | 13 | 0 | 0 | 21 |
| 22 | 2539.67 | 73,680 | 37,147 | 20 | 149 | 4 | 122 | 150 | 37,164 | 21,946 | 6 | 0 | 0 | 22 |
| 23 | 2539.66 | 73,646 | 37,130 | 40 | 147 | 3 | 173 | 143 | 37,117 | 21,899 | 13 | 0 | 0 | 23 |
| 24 | 2539.64 | 73,579 | 37,096 | 20 | 144 | 3 | 133 | 147 | 37,097 | 21,879 | 6 | 0 | 0 | 24 |
| 25 | 2539.62 | 73,511 | 37,062 | 20 | 146 | 4 | 136 | 142 | 37,069 | 21,851 | 6 | 0 | 0 | 25 |
| 26 | 2539.61 | 73,477 | 37,045 | 33 | 138 | 3 | 157 | 141 | 37,036 | 21,818 | 11 | 0 | 0 | 26 |
| 27 | 2539.59 | 73,410 | 37,011 | 20 | 141 | 3 | 130 | 142 | 37,014 | 21,796 | 6 | 0 | 0 | 27 |
| 28 | 2539.58 | 73,376 | 36,994 | 12 | 139 | 4 | 138 | 137 | 36,996 | 21,778 | 4 | 0 | 0 | 28 |
| 29 | 2539.57 | 73,342 | 36,977 | 20 | 138 | 3 | 144 | 147 | 36,982 | 21,764 | 6 | 0 | 0 | 29 |
| 30 | 2539.57 | 73,342 | 36,977 | 19 | 136 | 4 | 159 | 154 | 36,977 | 21,759 | 6 | 0 | 0 | 30 |
| 31 | 2539.57 | 73,342 | 36,977 | 20 | 136 | 3 | 159 | 159 | 36,977 | 21,759 | 6 | 0 | 0 | 31 |

| | | | | | | | |
|------------------------|-------|-------|-----|-------|-------|-----|---|
| TOTAL SECOND FOOT DAYS | 896 | 4,550 | 107 | 4,680 | 4,680 | 281 | 0 |
| TOTAL ACRE-FEET | 1,777 | 9,025 | 212 | 9,283 | 9,283 | 557 | 0 |

By: *[Signature]* Date: NOVEMBER 9, 1988

| NORTH KERN WATER STORAGE DISTRICT | | | | | | | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | | | | | | | MOCIGUENA WATER DISTRICT | | | | | | | | | | | | | | |
|-----------------------------------|--------------------|---------|-----|------|-----------|--------------|----------|--------------|-----------------|------------------------------------|---------|----------|-----------------|------------------------------|---------|---------|--------|------------------------------|---------|--------------------------|--------|------------------------------|--------------|----------|--------------|------------------------------|---------|---------|--------|-----|-----|-------|--------|--|
| FLOW ABOVE 1ST POINT | | | | | RESERVOIR | | | | | ENTITLED | | | | | FLOW | | | | | RESERVOIR | | | | | | | | | | | | | | |
| DAY | ENT'L AT 1ST POINT | L. Ming | HAD | LOSS | STORAGE | AT 1ST POINT | VIA ROAD | AT 2ND POINT | ABOVE 1ST POINT | LOSS | STORAGE | ENTITLED | CONTRIBUTED BY: | ABOVE 1ST POINT | LOSS | STORAGE | DAY | ENT'L AT 1ST POINT | L. Ming | HAD | LOSS | STORAGE | AT 1ST POINT | VIA ROAD | AT 2ND POINT | ABOVE 1ST POINT | LOSS | STORAGE | DAY | | | | | |
| End of Previous Month | ** | ** | *** | *** | 15,088 | *** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | | | | |
| 1 | 174 | 156 | 1 | 0 | 27 | 15,078 | 0 | 0 | 0 | 12 | 6,863 | 6,875 | ** | ** | ** | ** | 669 | 2 | 1 | 666 | 1 | 666 | 2 | 1 | 666 | 1 | 666 | 2 | 1 | 666 | 1 | | | |
| 2 | 162 | 151 | 1 | 0 | 21 | 15,067 | 0 | 7 | 0 | 9 | 6,847 | 6,847 | ** | ** | ** | ** | 662 | 3 | 1 | 662 | 2 | 662 | 3 | 1 | 662 | 2 | 662 | 3 | 1 | 662 | 2 | | | |
| 3 | 151 | 145 | 2 | 0 | 27 | 15,044 | 0 | 10 | 0 | 11 | 6,826 | 6,826 | ** | ** | ** | ** | 659 | 2 | 1 | 659 | 3 | 659 | 2 | 1 | 659 | 3 | 1 | 659 | 3 | 1 | 659 | 3 | | |
| 4 | 149 | 138 | 1 | 0 | 27 | 15,027 | 0 | 17 | 0 | 11 | 6,798 | 6,798 | ** | ** | ** | ** | 655 | 3 | 1 | 655 | 4 | 655 | 3 | 1 | 655 | 4 | 1 | 655 | 4 | 1 | 655 | 4 | | |
| 5 | 158 | 159 | 1 | 0 | 26 | 14,999 | 0 | 22 | 0 | 11 | 6,765 | 6,765 | ** | ** | ** | ** | 652 | 2 | 1 | 652 | 5 | 652 | 2 | 1 | 652 | 5 | 1 | 652 | 5 | 1 | 652 | 5 | | |
| 6 | 157 | 149 | 1 | 0 | 25 | 14,981 | 0 | 21 | 0 | 10 | 6,734 | 6,734 | ** | ** | ** | ** | 649 | 2 | 1 | 649 | 6 | 649 | 2 | 1 | 649 | 6 | 1 | 649 | 6 | 1 | 649 | 6 | | |
| 7 | 160 | 143 | 2 | 0 | 20 | 14,976 | 0 | 21 | 0 | 8 | 6,705 | 6,705 | ** | ** | ** | ** | 646 | 2 | 1 | 646 | 7 | 646 | 2 | 1 | 646 | 7 | 1 | 646 | 7 | 1 | 646 | 7 | | |
| 8 | 152 | 144 | 1 | 0 | 20 | 14,963 | 0 | 18 | 0 | 8 | 6,679 | 6,679 | ** | ** | ** | ** | 642 | 3 | 1 | 642 | 8 | 642 | 3 | 1 | 642 | 8 | 1 | 642 | 8 | 1 | 642 | 8 | | |
| 9 | 162 | 148 | 1 | 0 | 24 | 14,952 | 0 | 15 | 0 | 10 | 6,654 | 6,654 | ** | ** | ** | ** | 639 | 2 | 1 | 639 | 9 | 639 | 2 | 1 | 639 | 9 | 1 | 639 | 9 | 1 | 639 | 9 | | |
| 10 | 146 | 142 | 1 | 0 | 20 | 14,935 | 0 | 17 | 0 | 8 | 6,629 | 6,629 | ** | ** | ** | ** | 635 | 3 | 1 | 635 | 10 | 635 | 3 | 1 | 635 | 10 | 1 | 635 | 10 | 1 | 635 | 10 | | |
| 11 | 153 | 104 | 1 | 0 | 19 | 14,964 | 0 | 13 | 0 | 8 | 6,608 | 6,608 | ** | ** | ** | ** | 632 | 2 | 1 | 632 | 11 | 632 | 2 | 1 | 632 | 11 | 1 | 632 | 11 | 1 | 632 | 11 | | |
| 12 | 145 | 119 | 1 | 0 | 22 | 14,967 | 0 | 16 | 0 | 9 | 6,583 | 6,583 | ** | ** | ** | ** | 628 | 3 | 1 | 628 | 12 | 628 | 3 | 1 | 628 | 12 | 1 | 628 | 12 | 1 | 628 | 12 | | |
| 13 | 152 | 121 | 1 | 0 | 22 | 14,975 | 0 | 11 | 0 | 9 | 6,563 | 6,563 | ** | ** | ** | ** | 625 | 2 | 1 | 625 | 13 | 625 | 2 | 1 | 625 | 13 | 1 | 625 | 13 | 1 | 625 | 13 | | |
| 14 | 150 | 122 | 1 | 0 | 22 | 14,980 | 0 | 11 | 0 | 9 | 6,543 | 6,543 | ** | ** | ** | ** | 622 | 2 | 1 | 622 | 14 | 622 | 2 | 1 | 622 | 14 | 1 | 622 | 14 | 1 | 622 | 14 | | |
| 15 | 151 | 129 | 1 | 0 | 18 | 14,983 | 0 | 8 | 0 | 7 | 6,528 | 6,528 | ** | ** | ** | ** | 619 | 3 | 0 | 619 | 15 | 619 | 3 | 0 | 619 | 15 | 1 | 619 | 15 | 1 | 619 | 15 | | |
| 16 | 152 | 136 | 1 | 0 | 18 | 14,980 | 0 | 5 | 0 | 7 | 6,516 | 6,516 | ** | ** | ** | ** | 617 | 2 | 0 | 617 | 16 | 617 | 2 | 0 | 617 | 16 | 1 | 617 | 16 | 1 | 617 | 16 | | |
| 17 | 141 | 138 | 1 | 0 | 18 | 14,964 | 0 | 7 | 0 | 7 | 6,502 | 6,502 | ** | ** | ** | ** | 614 | 3 | 0 | 614 | 17 | 614 | 3 | 0 | 614 | 17 | 1 | 614 | 17 | 1 | 614 | 17 | | |
| 18 | 144 | 137 | 1 | 0 | 26 | 14,944 | 0 | 6 | 0 | 10 | 6,486 | 6,486 | ** | ** | ** | ** | 611 | 2 | 1 | 611 | 18 | 611 | 2 | 1 | 611 | 18 | 1 | 611 | 18 | 1 | 611 | 18 | | |
| 19 | 152 | 138 | 1 | 0 | 21 | 14,936 | 0 | 7 | 0 | 9 | 6,470 | 6,470 | ** | ** | ** | ** | 608 | 2 | 1 | 608 | 19 | 608 | 2 | 1 | 608 | 19 | 1 | 608 | 19 | 1 | 608 | 19 | | |
| 20 | 160 | 133 | 1 | 0 | 14 | 14,948 | 0 | 6 | 0 | 6 | 6,458 | 6,458 | ** | ** | ** | ** | 605 | 3 | 0 | 605 | 20 | 605 | 3 | 0 | 605 | 20 | 1 | 605 | 20 | 1 | 605 | 20 | | |
| 21 | 147 | 141 | 1 | 0 | 28 | 14,925 | 0 | 5 | 0 | 11 | 6,442 | 6,442 | ** | ** | ** | ** | 602 | 2 | 1 | 602 | 21 | 602 | 2 | 1 | 602 | 21 | 1 | 602 | 21 | 1 | 602 | 21 | | |
| 22 | 150 | 140 | 1 | 0 | 14 | 14,920 | 0 | 9 | 0 | 6 | 6,427 | 6,427 | ** | ** | ** | ** | 599 | 3 | 0 | 599 | 22 | 599 | 3 | 0 | 599 | 22 | 1 | 599 | 22 | 1 | 599 | 22 | | |
| 23 | 143 | 138 | 1 | 0 | 28 | 14,896 | 0 | 9 | 0 | 11 | 6,407 | 6,407 | ** | ** | ** | ** | 596 | 2 | 1 | 596 | 23 | 596 | 2 | 1 | 596 | 23 | 1 | 596 | 23 | 1 | 596 | 23 | | |
| 24 | 147 | 134 | 1 | 0 | 14 | 14,894 | 0 | 10 | 0 | 6 | 6,391 | 6,391 | ** | ** | ** | ** | 594 | 2 | 0 | 594 | 24 | 594 | 2 | 0 | 594 | 24 | 1 | 594 | 24 | 1 | 594 | 24 | | |
| 25 | 142 | 141 | 1 | 0 | 14 | 14,880 | 0 | 5 | 0 | 6 | 6,380 | 6,380 | ** | ** | ** | ** | 591 | 3 | 0 | 591 | 25 | 591 | 3 | 0 | 591 | 25 | 1 | 591 | 25 | 1 | 591 | 25 | | |
| 26 | 141 | 134 | 1 | 0 | 23 | 14,863 | 0 | 4 | 0 | 9 | 6,367 | 6,367 | ** | ** | ** | ** | 588 | 2 | 1 | 588 | 26 | 588 | 2 | 1 | 588 | 26 | 1 | 588 | 26 | 1 | 588 | 26 | | |
| 27 | 142 | 141 | 1 | 0 | 14 | 14,849 | 0 | 0 | 0 | 6 | 6,361 | 6,361 | ** | ** | ** | ** | 586 | 2 | 0 | 586 | 27 | 586 | 2 | 0 | 586 | 27 | 1 | 586 | 27 | 1 | 586 | 27 | | |
| 28 | 137 | 139 | 1 | 0 | 9 | 14,837 | 0 | 0 | 0 | 3 | 6,358 | 6,358 | ** | ** | ** | ** | 583 | 3 | 0 | 583 | 28 | 583 | 3 | 0 | 583 | 28 | 1 | 583 | 28 | 1 | 583 | 28 | | |
| 29 | 147 | 138 | 1 | 0 | 14 | 14,831 | 0 | 0 | 0 | 6 | 6,352 | 6,352 | ** | ** | ** | ** | 581 | 2 | 0 | 581 | 29 | 581 | 2 | 0 | 581 | 29 | 1 | 581 | 29 | 1 | 581 | 29 | | |
| 30 | 154 | 136 | 1 | 0 | 14 | 14,834 | 0 | 0 | 0 | 5 | 6,347 | 6,347 | ** | ** | ** | ** | 578 | 3 | 0 | 578 | 30 | 578 | 3 | 0 | 578 | 30 | 1 | 578 | 30 | 1 | 578 | 30 | | |
| 31 | 159 | 136 | 1 | 0 | 14 | 14,842 | 0 | 0 | 0 | 6 | 6,341 | 6,341 | ** | ** | ** | ** | 576 | 2 | 0 | 576 | 31 | 576 | 2 | 0 | 576 | 31 | 1 | 576 | 31 | 1 | 576 | 31 | | |
| S.F.D. | 4,680 | 4,270 | 33 | 0 | 623 | 14,842 | 0 | 280 | 0 | 0 | 254 | 6,341 | 6,341 | 74 | 19 | 576 | S.F.D. | 74 | 19 | 576 | S.F.D. | 74 | 19 | 576 | S.F.D. | 74 | 19 | 576 | S.F.D. | 74 | 19 | 576 | S.F.D. | |
| AC.FT. | 9,283 | 8,470 | 65 | 0 | 1,235 | 29,439 | 0 | 555 | 0 | 0 | 504 | 12,577 | 12,577 | 147 | 38 | 1,142 | AC.FT. | 147 | 38 | 1,142 | AC.FT. | 147 | 38 | 1,142 | AC.FT. | 147 | 38 | 1,142 | AC.FT. | 147 | 38 | 1,142 | AC.FT. | |
| TOTAL ACRE-FOOT STORAGE DAYS | 918,811 | | | | | | | 402,506 | | | | | | TOTAL ACRE-FOOT STORAGE DAYS | 402,506 | | | TOTAL ACRE-FOOT STORAGE DAYS | 402,506 | | | TOTAL ACRE-FOOT STORAGE DAYS | 402,506 | | | TOTAL ACRE-FOOT STORAGE DAYS | 402,506 | | | | | | | |

| DAY | ELEVATION (FEET) | ISABELLA RESERVOIR | | LOSS S.F.D. | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | CHANGE IN STORAGE+LOSS+1ST POINT+FLOW ABOVE 1ST PT. | COMPUTED NATURAL FLOW | MEAN STORAGE TOTAL | KERN COUNTY RECREATION POOL LOSS AT 2ND PT. | | FRONT-KERN INFLOW DAY |
|-----|------------------|--------------------|--|-------------|----------------------------|--------------------|---|-----------------------|--------------------|---|------------|-----------------------|
| | | MIDNIGHT STORAGE | RECREATION Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) | | | | | | | POOL LOSS | GROUP FLOW | |
| 1 | 2539.57 | 73,342 | 36,977 | 26 | 117 | 1 | 159 | 137 | 36,977 | 21,759 | 8 | 0 |
| 2 | 2539.57 | 73,342 | 36,977 | 33 | 123 | 1 | 144 | 127 | 36,970 | 21,752 | 11 | 0 |
| 3 | 2539.55 | 73,275 | 36,943 | 31 | 133 | 1 | 114 | 127 | 36,940 | 21,722 | 10 | 0 |
| 4 | 2539.52 | 73,174 | 36,892 | 23 | 138 | 1 | 145 | 135 | 36,902 | 21,684 | 7 | 0 |
| 5 | 2539.51 | 73,140 | 36,875 | 20 | 144 | 0 | 147 | 145 | 36,875 | 21,657 | 6 | 0 |
| 6 | 2539.50 | 73,107 | 36,858 | 20 | 156 | 1 | 143 | 145 | 36,856 | 21,638 | 6 | 0 |
| 7 | 2539.48 | 73,040 | 36,824 | 24 | 149 | 1 | 123 | 138 | 36,817 | 21,599 | 8 | 0 |
| 8 | 2539.45 | 72,939 | 36,773 | 20 | 152 | 1 | 140 | 142 | 36,778 | 21,560 | 6 | 0 |
| 9 | 2539.43 | 72,872 | 36,740 | 20 | 170 | 1 | 162 | 145 | 36,747 | 21,512 | 6 | 0 |
| 10 | 2539.43 | 72,805 | 36,706 | 18 | 165 | 0 | 133 | 158 | 36,730 | 21,512 | 6 | 0 |
| 11 | 2539.41 | 72,805 | 36,706 | 20 | 159 | 1 | 180 | 160 | 36,721 | 21,503 | 6 | 0 |
| 12 | 2539.41 | 72,805 | 36,706 | 15 | 172 | 0 | 153 | 176 | 36,701 | 21,483 | 6 | 0 |
| 13 | 2539.39 | 72,738 | 36,672 | 11 | 174 | 1 | 192 | 166 | 36,700 | 21,482 | 5 | 0 |
| 14 | 2539.42 | 72,839 | 36,723 | 4 | 175 | 0 | 225 | 182 | 36,694 | 21,478 | 4 | 0 |
| 15 | 2539.43 | 72,872 | 36,740 | 15 | 175 | 1 | 198 | 192 | 36,714 | 21,496 | 1 | 0 |
| 16 | 2539.42 | 72,839 | 36,723 | 9 | 184 | 1 | 177 | 200 | 36,733 | 21,515 | 5 | 0 |
| 17 | 2539.40 | 72,772 | 36,689 | 15 | 172 | 0 | 153 | 176 | 36,715 | 21,497 | 3 | 0 |
| 18 | 2539.41 | 72,805 | 36,706 | 11 | 173 | 1 | 202 | 177 | 36,705 | 21,487 | 5 | 0 |
| 19 | 2539.40 | 72,772 | 36,689 | 9 | 175 | 1 | 168 | 174 | 36,694 | 21,476 | 4 | 0 |
| 20 | 2539.39 | 72,738 | 36,672 | 7 | 175 | 0 | 165 | 178 | 36,687 | 21,469 | 3 | 0 |
| 21 | 2539.38 | 72,705 | 36,655 | 8 | 161 | 1 | 153 | 162 | 36,667 | 21,449 | 2 | 0 |
| 22 | 2539.38 | 72,705 | 36,655 | 9 | 156 | 1 | 166 | 161 | 36,658 | 21,440 | 3 | 0 |
| 23 | 2539.38 | 72,705 | 36,655 | 13 | 152 | 0 | 165 | 161 | 36,653 | 21,435 | 3 | 0 |
| 24 | 2539.45 | 72,939 | 36,773 | 4 | 195 | 1 | 318 | 217 | 36,705 | 21,487 | 4 | 0 |
| 25 | 2539.52 | 73,174 | 36,892 | 1 | 256 | 1 | 377 | 287 | 36,792 | 21,574 | 1 | 0 |
| 26 | 2539.55 | 73,275 | 36,943 | 15 | 234 | 0 | 300 | 332 | 36,866 | 21,648 | 0 | 0 |
| 27 | 2539.50 | 73,107 | 36,858 | 8 | 262 | 1 | 186 | 161 | 36,905 | 21,687 | 5 | 0 |
| 28 | 2539.49 | 73,074 | 36,841 | 11 | 258 | 0 | 252 | 246 | 36,880 | 21,662 | 3 | 0 |
| 29 | 2539.49 | 73,074 | 36,841 | 4 | 214 | 1 | 219 | 219 | 36,830 | 21,612 | 4 | 0 |
| 30 | 2539.49 | 73,074 | 36,841 | 12 | 214 | 0 | 226 | 230 | 36,841 | 21,623 | 1 | 0 |
| 31 | 2539.49 | 73,074 | 36,841 | 12 | 214 | 0 | 226 | 226 | 36,841 | 21,623 | 4 | 0 |

| | | | | | | | | | | | | |
|------------------------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 31 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** |
| TOTAL SECOND FOOT DAYS | 436 | 5,202 | 21 | 5,523 | 5,523 | 5,523 | 5,523 | 5,523 | ***** | ***** | 140 | 0 |
| TOTAL ACRE-FEET | 865 | 10,318 | 42 | 10,955 | 10,955 | 10,955 | 10,955 | 10,955 | 73,074 | 42,890 | 278 | 0 |

By: *Sad* Date: DECEMBER 14, 1988

| NORTH KERN WATER STORAGE DISTRICT | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | HACIENDA WATER DISTRICT | | | | | | | |
|-----------------------------------|--------|-----------|---------|------------------------------------|-------|---------------------------|-------|-------------------------|---------|-----------------|-------|----------------|---------|-----------|--|
| FLOW ABOVE 1ST | | RESERVOIR | | ENTITL AT 1ST | | FLOW VIA AT 2ND ABOVE 1ST | | RESERVOIR | | ENTITLEMENT | | FLOW ABOVE 1ST | | RESERVOIR | |
| ENT'L AT 1ST | POINT | LOSS | STORAGE | AT 1ST | POINT | VIA AT 2ND | POINT | LOSS | STORAGE | CONTRIBUTED BY: | POINT | LOSS | STORAGE | DAY | |
| DAY POINT | POINT | L. MING | HMD | POINT | POINT | KOMD | POINT | LOSS | STORAGE | MKUSD | BMUSD | LOSS | STORAGE | DAY | |
| End of Previous Month | ** | ** | *** | *** | ** | ** | ** | *** | 6,341 | ** | ** | ** | *** | 576 | |
| 1 | 137 | 117 | 1 | 0 | 19 | 14,942 | 0 | 0 | 14,942 | 0 | 0 | 0 | 0 | 576 | |
| 2 | 127 | 123 | 1 | 0 | 23 | 14,822 | 0 | 0 | 14,822 | 0 | 0 | 0 | 1 | 575 | |
| 3 | 127 | 133 | 1 | 0 | 21 | 14,794 | 0 | 0 | 14,794 | 0 | 0 | 0 | 1 | 574 | |
| 4 | 135 | 138 | 1 | 0 | 17 | 14,773 | 0 | 0 | 14,773 | 0 | 0 | 0 | 0 | 574 | |
| 5 | 145 | 144 | 0 | 0 | 14 | 14,760 | 0 | 0 | 14,760 | 0 | 0 | 0 | 0 | 574 | |
| 6 | 138 | 156 | 1 | 0 | 14 | 14,727 | 0 | 0 | 14,727 | 0 | 0 | 0 | 0 | 574 | |
| 7 | 135 | 149 | 1 | 0 | 17 | 14,695 | 0 | 0 | 14,695 | 0 | 0 | 0 | 0 | 574 | |
| 8 | 142 | 152 | 1 | 0 | 14 | 14,670 | 0 | 0 | 14,670 | 0 | 0 | 0 | 0 | 574 | |
| 9 | 145 | 141 | 1 | 0 | 14 | 14,659 | 0 | 0 | 14,659 | 0 | 0 | 0 | 0 | 574 | |
| 10 | 158 | 149 | 0 | 0 | 13 | 14,655 | 0 | 0 | 14,655 | 0 | 0 | 0 | 0 | 574 | |
| 11 | 160 | 159 | 1 | 0 | 14 | 14,641 | 0 | 0 | 14,641 | 0 | 0 | 0 | 0 | 574 | |
| 12 | 166 | 151 | 1 | 0 | 11 | 14,644 | 0 | 0 | 14,644 | 0 | 0 | 0 | 0 | 574 | |
| 13 | 182 | 174 | 1 | 0 | 8 | 14,643 | 0 | 0 | 14,643 | 0 | 0 | 0 | 0 | 574 | |
| 14 | 192 | 170 | 0 | 0 | 3 | 14,662 | 0 | 0 | 14,662 | 0 | 0 | 0 | 0 | 574 | |
| 15 | 200 | 165 | 1 | 0 | 11 | 14,685 | 0 | 0 | 14,685 | 0 | 0 | 0 | 0 | 574 | |
| 16 | 176 | 184 | 1 | 0 | 7 | 14,669 | 0 | 0 | 14,669 | 0 | 0 | 0 | 0 | 574 | |
| 17 | 177 | 172 | 0 | 0 | 11 | 14,663 | 0 | 0 | 14,663 | 0 | 0 | 0 | 0 | 574 | |
| 18 | 174 | 173 | 1 | 0 | 8 | 14,655 | 0 | 0 | 14,655 | 0 | 0 | 0 | 0 | 574 | |
| 19 | 178 | 175 | 1 | 0 | 7 | 14,650 | 0 | 0 | 14,650 | 0 | 0 | 0 | 0 | 574 | |
| 20 | 162 | 175 | 0 | 0 | 5 | 14,632 | 0 | 0 | 14,632 | 0 | 0 | 0 | 0 | 574 | |
| 21 | 161 | 161 | 1 | 0 | 6 | 14,625 | 0 | 0 | 14,625 | 0 | 0 | 0 | 0 | 574 | |
| 22 | 161 | 156 | 1 | 0 | 7 | 14,622 | 0 | 0 | 14,622 | 0 | 0 | 0 | 0 | 574 | |
| 23 | 217 | 152 | 0 | 0 | 9 | 14,678 | 0 | 0 | 14,678 | 0 | 0 | 0 | 0 | 574 | |
| 24 | 287 | 195 | 1 | 0 | 3 | 14,766 | 0 | 0 | 14,766 | 0 | 0 | 0 | 0 | 574 | |
| 25 | 332 | 256 | 1 | 0 | 1 | 14,840 | 0 | 0 | 14,840 | 0 | 0 | 0 | 0 | 574 | |
| 26 | 288 | 234 | 0 | 0 | 11 | 14,883 | 0 | 0 | 14,883 | 0 | 0 | 0 | 0 | 574 | |
| 27 | 246 | 262 | 1 | 0 | 6 | 14,860 | 0 | 0 | 14,860 | 0 | 0 | 0 | 0 | 574 | |
| 28 | 219 | 258 | 0 | 0 | 8 | 14,813 | 0 | 0 | 14,813 | 0 | 0 | 0 | 0 | 574 | |
| 29 | 230 | 214 | 1 | 0 | 3 | 14,825 | 0 | 0 | 14,825 | 0 | 0 | 0 | 0 | 574 | |
| 30 | 226 | 214 | 0 | 0 | 9 | 14,828 | 0 | 0 | 14,828 | 0 | 0 | 0 | 0 | 574 | |
| 31 | ***** | | | | | | | | | | | | | | |
| S.F.D. | 5,323 | 5,202 | 21 | 0 | 314 | 14,828 | 0 | 0 | 120 | 6,221 | 0 | 2 | 0 | 574 | |
| AC.F.T. | 10,955 | 10,318 | 42 | 0 | 623 | 29,412 | 0 | 0 | 238 | 12,339 | 0 | 4 | 0 | 1,139 | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | 34,161 | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | 372,644 | |

| DAY | ELEVATION (FEET) | ISABELLA RESERVOIR | | CHANGE IN STORAGE | | FIRST POINT REGULATED FLOW | FLOW ABOVE 1ST PT. | COMPUTED 1ST POINT NATURAL FLOW | MEAN STORAGE | | KERN COUNTY RECREATION POOL LOSS | 2ND POINT GROUP AT 2ND PT. | FRONT-KERN INFLOW DAY |
|------------------------|------------------|--------------------|--------|-------------------|---|----------------------------|--------------------|---------------------------------|--|------------------|----------------------------------|----------------------------|-----------------------|
| | | MIDNIGHT ACRE-FEET | S.F.D. | LOSS | STORAGE + LOSS+1ST POINT+FLOW ABOVE 1ST PT. | | | | RECREATION POOL + Dead Storage = 15,218 S.F.D. (30,184 ACFT) | TOTAL IRRIGATION | | | |
| End of Previous Month | 2539.49 | 73,074 | 36,841 | *** | 226 | *** | 226 | *** | 36,841 | 21,623 | *** | *** | *** |
| 1 | 2539.49 | 73,074 | 36,841 | 14 | 210 | 1 | 225 | 213 | 36,829 | 21,611 | 4 | 0 | 67 |
| 2 | 2539.47 | 73,007 | 36,808 | 13 | 207 | 1 | 188 | 215 | 36,823 | 21,605 | 4 | 0 | 65 |
| 3 | 2539.47 | 73,007 | 36,808 | 13 | 219 | 1 | 233 | 206 | 36,796 | 21,578 | 4 | 0 | 105 |
| 4 | 2539.45 | 72,939 | 36,773 | 8 | 224 | 1 | 198 | 208 | 36,771 | 21,553 | 3 | 0 | 130 |
| 5 | 2539.43 | 72,872 | 36,740 | 10 | 215 | 1 | 193 | 207 | 36,752 | 21,534 | 3 | 0 | 89 |
| 6 | 2539.44 | 72,906 | 36,757 | 9 | 203 | 1 | 230 | 224 | 36,763 | 21,545 | 3 | 0 | 65 |
| 7 | 2539.46 | 72,973 | 36,791 | 12 | 202 | 1 | 249 | 216 | 36,764 | 21,546 | 4 | 0 | 60 |
| 8 | 2539.42 | 72,839 | 36,723 | 34 | 203 | 1 | 170 | 188 | 36,714 | 21,496 | 11 | 0 | 47 |
| 9 | 2539.36 | 72,638 | 36,622 | 13 | 232 | 1 | 145 | 190 | 36,658 | 21,440 | 4 | 0 | 12 |
| 10 | 2539.37 | 72,671 | 36,638 | 12 | 226 | 1 | 255 | 202 | 36,621 | 21,403 | 4 | 0 | 10 |
| 11 | 2539.37 | 72,671 | 36,638 | 10 | 193 | 1 | 204 | 218 | 36,635 | 21,417 | 3 | 0 | 0 |
| 12 | 2539.37 | 72,671 | 36,638 | 6 | 188 | 1 | 195 | 211 | 36,651 | 21,433 | 2 | 0 | 0 |
| 13 | 2539.39 | 72,738 | 36,672 | 9 | 189 | 1 | 233 | 204 | 36,656 | 21,438 | 3 | 0 | 0 |
| 14 | 2539.38 | 72,705 | 36,655 | 13 | 188 | 1 | 185 | 200 | 36,654 | 21,436 | 4 | 0 | 0 |
| 15 | 2539.37 | 72,671 | 36,638 | 8 | 191 | 1 | 183 | 212 | 36,666 | 21,448 | 3 | 0 | 0 |
| 16 | 2539.41 | 72,805 | 36,706 | 3 | 195 | 1 | 267 | 234 | 36,701 | 21,483 | 1 | 0 | 0 |
| 17 | 2539.44 | 72,906 | 36,757 | 7 | 193 | 1 | 252 | 222 | 36,722 | 21,504 | 2 | 0 | 0 |
| 18 | 2539.41 | 72,805 | 36,706 | 4 | 194 | 1 | 148 | 227 | 36,750 | 21,532 | 1 | 0 | 0 |
| 19 | 2539.45 | 72,939 | 36,773 | 4 | 208 | 1 | 280 | 236 | 36,773 | 21,555 | 1 | 0 | 0 |
| 20 | 2539.50 | 73,107 | 36,858 | 7 | 188 | 1 | 281 | 269 | 36,846 | 21,628 | 2 | 0 | 0 |
| 21 | 2539.51 | 73,140 | 36,875 | 4 | 224 | 1 | 246 | 248 | 36,865 | 21,647 | 1 | 0 | 0 |
| 22 | 2539.48 | 73,040 | 36,824 | 1 | 265 | 1 | 216 | 259 | 36,857 | 21,639 | 0 | 0 | 0 |
| 23 | 2539.50 | 73,107 | 36,858 | 14 | 267 | 1 | 316 | 283 | 36,858 | 21,640 | 4 | 0 | 0 |
| 24 | 2539.71 | 73,816 | 37,216 | 4 | 292 | 1 | 655 | 655 | 37,216 | 21,998 | 1 | 0 | 0 |
| 25 | 2539.77 | 74,018 | 37,317 | 1 | 318 | 1 | 421 | 368 | 37,264 | 22,046 | 0 | 0 | 0 |
| 26 | 2539.72 | 73,849 | 37,232 | 4 | 343 | 1 | 263 | 296 | 37,212 | 21,994 | 1 | 0 | 0 |
| 27 | 2539.64 | 73,579 | 37,096 | 4 | 333 | 1 | 302 | 283 | 37,137 | 21,919 | 1 | 0 | 0 |
| 28 | 2539.64 | 73,579 | 37,096 | 4 | 320 | 1 | 325 | 276 | 37,088 | 21,870 | 1 | 0 | 0 |
| 29 | 2539.65 | 73,613 | 37,113 | 3 | 279 | 1 | 300 | 284 | 37,089 | 21,871 | 1 | 0 | 0 |
| 30 | 2539.61 | 73,477 | 37,045 | 3 | 292 | 1 | 228 | 252 | 37,045 | 21,827 | 1 | 0 | 0 |
| 31 | 2539.63 | 73,545 | 37,079 | 1 | 301 | 0 | 336 | 336 | 37,079 | 21,861 | 0 | 0 | 0 |
| TOTAL SECOND FOOT DAYS | | | | 252 | 7,302 | 30 | 7,822 | 7,822 | ***** | ***** | 77 | 0 | 650 |
| TOTAL ACRE-FEET | | | | 500 | 14,483 | 59 | 15,515 | 15,515 | 73,545 | 43,361 | 153 | 0 | 1,289 |

By: *Gal* Date: JANUARY 12, 1989

| NORTH KERN WATER STORAGE DISTRICT | | | | | | | | | | BUENA VISTA WATER STORAGE DISTRICT | | | | | | | | | | HACIENDA WATER DISTRICT | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|--------|---------|--------------------|-----------|---------|--------------------|----------------------------|------|------------------------------------|--------------------|--------|---------|--------------------|---------------------------------|-------|--------------------|------|---------|------------------------------|------------------------|-------|--------------------|------|-------------|--------------------|------|---------|--------|----------------------|--|--|--|--|-----------|--|--|--|--|
| FLOW ABOVE 1ST POINT | | | | | RESERVOIR | | | | | ENT'L AT 1ST POINT | | | | | FLOW VIA AT 2ND ABOVE 1ST POINT | | | | | RESERVOIR | | | | | ENTITLEMENT | | | | | FLOW ABOVE 1ST POINT | | | | | RESERVOIR | | | | |
| ENT'L AT 1ST POINT | FLOW ABOVE 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | VIA AT 2ND ABOVE 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | CONTRIBUTED BY: INKMSD | BYMSD | ENT'L AT 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | CONTRIBUTED BY: INKMSD | BYMSD | ENT'L AT 1ST POINT | LOSS | STORAGE | ENT'L AT 1ST POINT | LOSS | STORAGE | DAY | | | | | | | | | | |
| 1 | 213 | 0 | 10 | 14,943 | 0 | 0 | 0 | 0 | 0 | 4 | 6,094 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 1 | | | | | | | | | |
| 2 | 215 | 0 | 1 | 14,941 | 0 | 0 | 0 | 0 | 0 | 4 | 6,090 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 2 | | | | | | | | | |
| 3 | 206 | 219 | 1 | 14,918 | 0 | 0 | 0 | 0 | 0 | 4 | 6,086 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 3 | | | | | | | | | | |
| 4 | 208 | 224 | 0 | 14,895 | 0 | 0 | 0 | 0 | 0 | 2 | 6,084 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 4 | | | | | | | | | | |
| 5 | 207 | 215 | 1 | 14,879 | 0 | 0 | 0 | 0 | 0 | 3 | 6,081 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 5 | | | | | | | | | | |
| 6 | 224 | 203 | 0 | 14,892 | 0 | 0 | 0 | 0 | 0 | 2 | 6,079 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 6 | | | | | | | | | | |
| 7 | 216 | 202 | 1 | 14,896 | 0 | 0 | 0 | 0 | 0 | 3 | 6,076 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 | 7 | | | | | | | | | | |
| 8 | 188 | 203 | 0 | 14,856 | 0 | 24 | 0 | 0 | 0 | 9 | 6,067 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 8 | | | | | | | | | | |
| 9 | 190 | 232 | 1 | 14,804 | 0 | 9 | 0 | 0 | 0 | 4 | 6,063 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 9 | | | | | | | | | | |
| 10 | 202 | 226 | 0 | 14,770 | 0 | 9 | 0 | 0 | 0 | 3 | 6,060 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 10 | | | | | | | | | | |
| 11 | 218 | 193 | 1 | 14,787 | 0 | 7 | 0 | 0 | 0 | 3 | 6,057 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 11 | | | | | | | | | | |
| 12 | 211 | 188 | 0 | 14,805 | 0 | 4 | 0 | 0 | 0 | 2 | 6,055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 12 | | | | | | | | | | |
| 13 | 204 | 189 | 1 | 14,812 | 0 | 7 | 0 | 0 | 0 | 2 | 6,053 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 13 | | | | | | | | | | |
| 14 | 200 | 188 | 0 | 14,814 | 0 | 9 | 0 | 0 | 0 | 4 | 6,049 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 14 | | | | | | | | | | |
| 15 | 212 | 191 | 1 | 14,828 | 0 | 6 | 0 | 0 | 0 | 2 | 6,047 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 15 | | | | | | | | | | |
| 16 | 234 | 195 | 0 | 14,864 | 0 | 2 | 0 | 0 | 0 | 1 | 6,046 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 16 | | | | | | | | | | |
| 17 | 222 | 193 | 1 | 14,887 | 0 | 5 | 0 | 0 | 0 | 2 | 6,044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 17 | | | | | | | | | | |
| 18 | 227 | 194 | 0 | 14,916 | 0 | 3 | 0 | 0 | 0 | 1 | 6,043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 18 | | | | | | | | | | |
| 19 | 236 | 208 | 0 | 14,940 | 0 | 3 | 0 | 0 | 0 | 1 | 6,042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 19 | | | | | | | | | | |
| 20 | 269 | 188 | 1 | 15,015 | 0 | 5 | 0 | 0 | 0 | 2 | 6,040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 20 | | | | | | | | | | |
| 21 | 248 | 224 | 0 | 15,035 | 0 | 3 | 0 | 0 | 0 | 1 | 6,039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 21 | | | | | | | | | | |
| 22 | 259 | 265 | 0 | 15,027 | 0 | 1 | 0 | 0 | 0 | 0 | 6,039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 22 | | | | | | | | | | |
| 23 | 283 | 267 | 1 | 15,032 | 0 | 10 | 0 | 0 | 0 | 4 | 6,035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 23 | | | | | | | | | | |
| 24 | 555 | 292 | 0 | 15,391 | 0 | 3 | 0 | 0 | 0 | 1 | 6,034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 24 | | | | | | | | | | |
| 25 | 368 | 318 | 0 | 15,439 | 0 | 1 | 0 | 0 | 0 | 0 | 6,034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 25 | | | | | | | | | | |
| 26 | 296 | 343 | 1 | 15,388 | 0 | 3 | 0 | 0 | 0 | 1 | 6,033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 26 | | | | | | | | | | |
| 27 | 263 | 333 | 0 | 15,314 | 0 | 3 | 0 | 0 | 0 | 1 | 6,032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 27 | | | | | | | | | | |
| 28 | 276 | 320 | 0 | 15,266 | 0 | 3 | 0 | 0 | 0 | 1 | 6,031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 28 | | | | | | | | | | |
| 29 | 284 | 279 | 1 | 15,268 | 0 | 2 | 0 | 0 | 0 | 1 | 6,030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 29 | | | | | | | | | | |
| 30 | 252 | 292 | 0 | 15,225 | 0 | 2 | 0 | 0 | 0 | 1 | 6,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 30 | | | | | | | | | | |
| 31 | 336 | 301 | 0 | 15,259 | 0 | 1 | 0 | 0 | 0 | 0 | 6,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | 31 | | | | | | | | | | |
| S.F.D. | 7,822 | 7,302 | 13 | 17 | 182 | 15,259 | 0 | 0 | 0 | 0 | 69 | 6,029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 573 | S.F.D. | | | | | | | | | | |
| AC.FT. | 15,515 | 14,483 | 26 | 33 | 361 | 30,266 | 0 | 0 | 0 | 0 | 137 | 11,958 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,137 | AC.FT. | | | | | | | | | | |
| TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | TOTAL ACRE-FOOT STORAGE DAYS | | | | | | | | | | | | | | | | | | | |
| 922,524 | | | | | | | | | | 372,141 | | | | | | | | | | 35,246 | | | | | | | | | | | | | | | | | | | |

