







|  |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
|--|--|------------------|--------|--------|--------|--------|--------|--------|--------|---|---|---|---|---------|
| AZ NORTH GILA VALLEY IRRIGATION DISTRICT |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM 7/             | DIVERSION        | 2604   | 3105   | 5332   | 5882   | 5526   | 3951   | 2861   | 0 | 0 | 0 | 0 | 29261   |
| AZ                                       |  | MEAS. RETURNS    | 1883   | 1940   | 2720   | 2768   | 2587   | 1985   | 1398   | 0 | 0 | 0 | 0 | 15281   |
| AZ                                       |  | UNMEAS. RETURNS  | 357    | 425    | 730    | 806    | 757    | 541    | 392    | 0 | 0 | 0 | 0 | 4008    |
| AZ                                       |  | CONSUMPTIVE USE  | 364    | 740    | 1882   | 2308   | 2182   | 1425   | 1071   | 0 | 0 | 0 | 0 | 9972    |
| AZ YUMA IRRIGATION DISTRICT              |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM 7/             | DIVERSION        | 3105   | 4607   | 6805   | 7647   | 7600   | 6183   | 4878   | 0 | 0 | 0 | 0 | 40825   |
| AZ                                       | PUMPED FROM PRIVATE WELLS                | DIVERSION        | 11     | 21     | 165    | 176    | 193    | 0      | 0      | 0 | 0 | 0 | 0 | 566     |
| AZ                                       |  | MEAS. RETURNS    | 795    | 1267   | 1645   | 1240   | 1307   | 1111   | 865    | 0 | 0 | 0 | 0 | 8230    |
| AZ                                       |  | UNMEAS. RETURNS  | 664    | 986    | 1485   | 1666   | 1660   | 1317   | 1039   | 0 | 0 | 0 | 0 | 8817    |
| AZ                                       |  | CONSUMPTIVE USE  | 1657   | 2375   | 3840   | 4917   | 4826   | 3755   | 2974   | 0 | 0 | 0 | 0 | 24344   |
| AZ YUMA MESA I. D. D.                    |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM 7/             | DIVERSION        | 8354   | 10758  | 14456  | 16370  | 19735  | 22387  | 17228  | 0 | 0 | 0 | 0 | 109288  |
| AZ                                       |  | MEAS. RETURNS    | 7201   | 7261   | 5569   | 1978   | 7361   | 9329   | 7193   | 0 | 0 | 0 | 0 | 45892   |
| AZ                                       |  | UNMEAS. RETURNS  | 1337   | 1721   | 2313   | 2619   | 3158   | 3582   | 2756   | 0 | 0 | 0 | 0 | 17486   |
| AZ                                       |  | CONSUMPTIVE USE  | -184   | 1776   | 6574   | 11773  | 9216   | 9476   | 7279   | 0 | 0 | 0 | 0 | 45910   |
| AZ UNIT "B" I. D. D.                     |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM 7/7E/          | DIVERSION        | 1288   | 1388   | 1928   | 2296   | 2497   | 2744   | 2447   | 0 | 0 | 0 | 0 | 14588   |
| AZ                                       |  | MEAS. RETURNS    | 1261   | 1233   | 940    | 349    | 1299   | 1646   | 1269   | 0 | 0 | 0 | 0 | 7997    |
| AZ                                       |  | UNMEAS. RETURNS  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | CONSUMPTIVE USE  | 27     | 155    | 988    | 1947   | 1198   | 1098   | 1178   | 0 | 0 | 0 | 0 | 6591    |
| AZ FORT YUMA INDIAN RESERVATION          |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ DIVERSIONS FOR YUMA EAST WETLANDS     |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | RANCH "5" LANDS, YUMA ISLAND, AZ (180 a) | DIVERSION        | 50     | 87     | 139    | 147    | 82     | 0      | 0      | 0 | 0 | 0 | 0 | 506     |
| AZ                                       |  | MEAS. RETURNS    | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | UNMEAS. RETURNS  | 18     | 31     | 49     | 51     | 29     | 0      | 0      | 0 | 0 | 0 | 0 | 177     |
| AZ                                       |  | CONSUMPTIVE USE  | 33     | 57     | 91     | 96     | 53     | 0      | 0      | 0 | 0 | 0 | 0 | 329     |
| AZ YUMA COUNTY WATER USERS ASSOCIATION   |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM                | DIVERSION        | 19080  | 24757  | 41047  | 50114  | 41030  | 22194  | 19286  | 0 | 0 | 0 | 0 | 217508  |
| AZ                                       | PUMPED FROM WELLS 7E/                    | DIVERSION        | 0      | 0      | 0      | 0      | 479    | 0      | 0      | 0 | 0 | 0 | 0 | 479     |
| AZ                                       |  | MEAS. RETURNS    | 7159   | 7200   | 7257   | 7341   | 7960   | 6075   | 4396   | 0 | 0 | 0 | 0 | 47388   |
| AZ                                       |  | UNMEAS. RETURNS  | 401    | 520    | 862    | 1052   | 872    | 466    | 405    | 0 | 0 | 0 | 0 | 4578    |
| AZ                                       |  | CONSUMPTIVE USE  | 11520  | 17037  | 32928  | 41721  | 32677  | 15653  | 14485  | 0 | 0 | 0 | 0 | 166021  |
| AZ COCOPA INDIAN RESERVATION             |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION AT IMPERIAL DAM                | DIVERSION        | 30     | 186    | 281    | 159    | 401    | 982    | 254    | 0 | 0 | 0 | 0 | 2293    |
| AZ                                       | PUMPED FROM WELLS 7E/                    | DIVERSION        | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0 | 0 | 0 | 0 | 5       |
| AZ                                       | PUMPED FROM WELLS, WEST COCOPAH          | DIVERSION        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | MEAS. RETURNS    | 1      | 2      | 2      | 3      | 4      | 3      | 0      | 0 | 0 | 0 | 0 | 15      |
| AZ                                       |  | UNMEAS. RETURNS  | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0 | 0 | 0 | 0 | 2       |
| AZ                                       |  | CONSUMPTIVE USE  | 29     | 184    | 279    | 156    | 400    | 979    | 254    | 0 | 0 | 0 | 0 | 2281    |
| AZ YUMA AREA OFFICE, USBR                |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | DIVERSION FROM WELL NO.8                 | DIVERSION 2/     |        |        |        |        |        |        |        |   |   |   |   | 0       |
| AZ                                       |  | MEAS. RETURNS    |        |        |        |        |        |        |        |   |   |   |   | 0       |
| AZ                                       |  | UNMEAS. RETURNS  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | CONSUMPTIVE USE  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | PUMPED FROM SOUTH GILA WELLS (DPOC'S)    | MEAS. RETURNS 5/ | 0      | 5708   | 6562   | 6212   | 5984   | 0      | 0      | 0 | 0 | 0 | 0 | 24466   |
| AZ                                       |  | UNMEAS. ABOVE    | 0      | -5708  | -6562  | -6212  | -5984  | 0      | 0      | 0 | 0 | 0 | 0 | -24466  |
| AZ                                       |  | RETURNS CREDIT   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ OTHER USERS PUMPING FROM COLORADO     |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       | RIVER AND WELLS IN FLOOD PLAIN DAVIS     | DIVERSION 6/     |        |        |        |        |        |        |        |   |   |   |   | 0       |
| AZ                                       | DAM TO INTERNATIONAL BOUNDARY            | MEAS. RETURNS    | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | UNMEAS. RETURNS  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ                                       |  | CONSUMPTIVE USE  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0 | 0 | 0 | 0 | 0       |
| AZ ARIZONA TOTALS                        |  |                  |        |        |        |        |        |        |        |   |   |   |   |         |
| AZ                                       |  | DIVERSION        | 247871 | 275286 | 362689 | 389663 | 384086 | 316451 | 196512 | 0 | 0 | 0 | 0 | 2172557 |

|    |                 |        |        |        |        |        |        |        |   |   |   |   |   |         |
|----|-----------------|--------|--------|--------|--------|--------|--------|--------|---|---|---|---|---|---------|
| AZ | MEAS. RETURNS   | 44867  | 50664  | 54123  | 49208  | 56809  | 50382  | 36607  | 0 | 0 | 0 | 0 | 0 | 342660  |
| AZ | UNMEAS. RETURNS | 5653   | 5118   | 13172  | 17036  | 16672  | 20498  | 13706  | 0 | 0 | 0 | 0 | 0 | 91854   |
| AZ | CONSUMPTIVE USE | 197351 | 219505 | 295394 | 323418 | 310605 | 245571 | 146199 | 0 | 0 | 0 | 0 | 0 | 1738043 |

AZ

AZ NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current  
AZ estimated unmeasured return flow to the river.

AZ

AZ 1/ No surface returns unless shown.

AZ 2/ Reported annual total only, distributed monthly according to nearby users.

AZ 3/ Calculated by assuming an annual diversion of 6 ac-ft per irrigated acre.

AZ 4/ Calculated using monthly power records.

AZ 5/ Pumped from underground and credited as return flow to Yuma Mesa Division but unassigned to districts as returns.

AZ Includes quantities of drainage from Yuma Mesa, Unit B, as well as from South Gila Valley.

AZ 6/ Details on Arizona Supplemental Sheets.

AZ 7/ Summation for the Yuma Mesa Division, consisting of the North Gila Valley Irrigation District, the Yuma Irrigation District, and the Yuma Mesa  
AZ Irrigation & Drainage District is as follows:

| Item   | Annual Totals (Acre-Feet) |                        |
|--|---------------------------|------------------------|
| ----   | -----                     |                        |
| AZ Diversion at Imperial Dam A/  | 179374                    |                        |
| AZ Pumped from wells   | 566                       |                        |
| AZ Surface returns from South Gila Valley (S.Gila Cal Wasteway)  | 1040 *                    |                        |
| AZ Return flow North Gila Valley (6 drains & wasteways)  | 3026 *                    |                        |
| AZ Return flow South Gila Valley wells (DPOC's) less Unmeasured Return   | 30311                     |                        |
| AZ Return flow Yuma Mesa Outlet Drain B/   | 10268 *                   |                        |
| AZ Return flow protective and regulatory pumping unit C/   | 16658.3 *                 |                        |
| AZ Estimated unmeasured groundwater return flow D/   | 16834.7                   |                        |
| AZ Return flow share of Gila Main Canal loss E/  | 3831 *                    |                        |
| AZ Subtotal return flow F/   | 81969                     | 99714 check from above |
| AZ Consumptive Use (see note above)  | 97971                     | 80226 check from above |
| AZ (A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit B'.   |                           |                        |
| AZ (B) Estimated at 85 percent of the Yuma Mesa Outlet Drain with balance credited to 'Unit B'.  |                           |                        |
| AZ (C) Estimated at 85 percent of Protective and Regulatory Pumping Unit with balance credited to 'Unit B'.  |                           |                        |
| AZ (D) Estimated at 38 percent of the North Gila Valley Diversion at Imperial Dam plus 14 percent of Yuma Irrigation District diversion at<br>AZ Imperial Dam. (Based on analysis of the USGS Report 83-4220 entitled 'A Method for Estimating Ground-Water Return Flow to the<br>AZ Lower Colorado River in the Yuma Area')   |                           |                        |
| AZ (E) Diversion*mileage weighted share of Gila Main Canal loss less canal surface evaporation (1397 af/yr) and phreatophytes (2154 af/yr).  |                           |                        |
| AZ (F) Additional unmeasured amounts of return flows from the Yuma Mesa Irrigation and Drainage District, 'Unit B', the Cocopah Indian<br>AZ Reservation, and the Yuma County Water Users Association (YCWUA) are utilized to meet consumptive uses in the United States and in<br>AZ partial satisfaction of the Mexican Treaty obligation. Some of these underground flows are recovered by pumping from wells on the<br>AZ Cocopah Indian Reservation and in the YCWUA area, and by some of the surface drains in the YCWUA area. Efforts will be made to at least<br>AZ quantify these return flows within broad limits by respective water user entities in future years. |                           |                        |
| AZ 8/ Diversion adjusted for delivery to Mohave Valley I. D. D. (Chesney) and Farm Ditch (FMIR).   |                           |                        |
| AZ 9/ Main Outlet Drain return flow credit is measured flow at Station 0+00 and includes both Colorado River and Gila River water. Reclamation<br>AZ is working to develop a method to separate the different sources of return flow and will apply that methodology when available.   |                           |                        |
| AZ 10/ Includes 1 river pump, CRIT tribal usage delivered by the Town of Parker has been deducted.   |                           |                        |

AZ







|    |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
|----|---|---|-------|-------|-------|-------|-------|--------|-------|---|---|---|---|--------|
| NV | PACIFIC COAST BUILDING PRODUCTS INC.  |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | DIVERSION AT GYPSUM WASH, LAKE MEAD   | DIVERSION                                     | 66    | 66    | 78    | 87    | 80    |        |       |   |   |   |   | 377    |
| NV |   | MEAS. RETURNS                                 | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | UNMEAS. RETURNS                               | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | CONSUMPTIVE USE                               | 66    | 66    | 78    | 87    | 80    | 0      | 0     | 0 | 0 | 0 | 0 | 377    |
| NV | SOUTHERN CALIFORNIA EDISON (SNWA)   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | PUMPED FROM SEC 24 T32S R66E MDB&M  | DIVERSION                                     | 35    | 35    | 40    | 41    | 41    |        |       |   |   |   |   | 192    |
| NV |   | MEAS. RETURNS                                 | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | UNMEAS. RETURNS                               | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | CONSUMPTIVE USE                               | 35    | 35    | 40    | 41    | 41    | 0      | 0     | 0 | 0 | 0 | 0 | 192    |
| NV | BIG BEND WATER DISTRICT   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | DIVERSION SEC 12 T32S R66E MDB&M  | DIVERSION                                     | 289   | 286   | 336   | 376   | 420   |        |       |   |   |   |   | 1707   |
| NV |   | MEAS. RETURNS                                 | 195   | 191   | 218   | 210   | 220   |        |       |   |   |   |   | 1034   |
| NV |   | UNMEAS. RETURNS                               | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | CONSUMPTIVE USE                               | 94    | 95    | 118   | 166   | 200   | 0      | 0     | 0 | 0 | 0 | 0 | 673    |
| NV | FORT MOJAVE INDIAN RESERVATION (Avi)  |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 2 WELLS, SECTIONS 27 & 5  | DIVERSION                                     | 211   | 366   | 395   | 835   | 912   | 1022   | 197   | 0 | 0 | 0 | 0 | 3938   |
| NV |   | MEAS. RETURNS                                 | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | UNMEAS. RETURNS                               | 70    | 121   | 130   | 276   | 301   | 337    | 65    | 0 | 0 | 0 | 0 | 1300   |
| NV |   | CONSUMPTIVE USE                               | 141   | 245   | 265   | 559   | 611   | 685    | 132   | 0 | 0 | 0 | 0 | 2638   |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | LAS VEGAS WASH RETURN FLOWS   | RETURNS 2/                                    | 18983 | 16925 | 19344 | 16560 | 16488 | 14791  | 13226 | 0 | 0 | 0 | 0 | 116317 |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | OTHER USERS PUMPING FROM COLORADO   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | RIVER AND WELLS IN FLOOD PLAIN  | DIVERSION 3/                                  |       |       |       |       |       |        |       |   |   |   |   | 0      |
| NV | DAVIS DAM TO CALIFORNIA BOUNDARY  | MEAS. RETURNS                                 | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | UNMEAS. RETURNS                               | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV |   | CONSUMPTIVE USE                               | 0     | 0     | 0     | 0     | 0     | 0      | 0     | 0 | 0 | 0 | 0 | 0      |
| NV | NEVADA TOTALS   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   | DIVERSION                                     | 33665 | 27805 | 36134 | 41195 | 47011 | 43584  | 32741 | 0 | 0 | 0 | 0 | 262135 |
| NV |   | MEAS. RETURNS                                 | 19181 | 17117 | 19563 | 16771 | 16712 | 14791  | 13226 | 0 | 0 | 0 | 0 | 117361 |
| NV |   | UNMEAS. RETURNS                               | 70    | 121   | 130   | 276   | 301   | 337    | 65    | 0 | 0 | 0 | 0 | 1300   |
| NV |   | CONSUMPTIVE USE                               | 14414 | 10567 | 16441 | 24148 | 29998 | 28456  | 19450 | 0 | 0 | 0 | 0 | 143474 |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | GROUNDWATER INJECTED STORAGE  | 6/  |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | LAS VEGAS VALLEY WATER DIST.  | INJECTED                                      | 5045  | 0     | 0     | 0     | 0     |        |       |   |   |   |   | 5045   |
| NV |   | WITHDRAWN                                     | 0     | 0     | 0     | 0     | 0     |        |       |   |   |   |   | 0      |
| NV | CITY OF NORTH LAS VEGAS   | INJECTED                                      | 0     | 0     | 0     | 0     | 0     |        |       |   |   |   |   | 0      |
| NV |   | WITHDRAWN                                     | 0     | 0     | 0     | 0     | 0     |        |       |   |   |   |   | 0      |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river. |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 1/ No surface returns unless shown.   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 2/ Estimated return based on historic use method adopted by the task force on unmeasured return flows on August 28, 1984 and as revised.  |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 3/ Details on Nevada Supplemental Sheets.   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 4/ User deliveries adjusted by weighted use to equal total diversion at Lake Mead.  |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV |   |   |       |       |       |       |       |        |       |   |   |   |   |        |
| NV | 6/ Nevada Injected Storage Balance:   | Beginning of Year Cumulative Injected Storage |       |       |       |       |       | 311029 |       |   |   |   |   |        |
| NV |   | Plus Current Year Additions                   |       |       |       |       |       | 5045   |       |   |   |   |   |        |
| NV |   | Minus Current Year Withdrawals                |       |       |       |       |       | 0      |       |   |   |   |   |        |
| NV |   | End of Year Cumulative Injected Storage       |       |       |       |       |       | 316074 |       |   |   |   |   |        |



