

To: All Annual Operating Plan Recipients

From: Lower Colorado Region  
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In addition to the January 2011 24-Month Study based on the Most Probable inflow scenario, Reclamation conducted model runs to determine a possible range of reservoir elevations under Probable Minimum and Probable Maximum inflow scenarios in water year 2011. The Probable Minimum inflow scenario reflects a dry hydrologic condition which statistically would be exceeded 90% of the time. The Most Probable inflow scenario reflects a median hydrologic condition which statistically would be exceeded 50% of the time. The Probable Maximum inflow scenario reflects a wet hydrologic condition which statistically would be exceeded only 10% of the time. There is approximately an 80% probability that a future elevation will fall inside the range of the minimum and maximum inflow scenarios. There are possible inflow scenarios that would result in reservoir elevations falling outside the ranges indicated in these reports.

The projected Lake Mead elevations resulting from these three inflow scenarios are summarized in a graph located at the following link: <http://www.usbr.gov/lc/region/g4000/24mo/2011/January-Chart.pdf>.

The operation of Lake Powell and Lake Mead in this January 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the draft 2011 AOP. Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643 feet, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. With a Lake Powell water year release volume of 8.23 maf, the January 2011 Probable Maximum inflow scenario projects Lake Powell's 2011 end of water year elevation to be above the 2011 Equalization Elevation of 3,643 feet. Consistent with this provision, the Probable Maximum inflow scenario projects an April adjustment to the Equalization Tier in 2011. Under this scenario, the annual release from Glen Canyon Dam is projected to be 12.76 maf.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Fontenelle Reservoir

10-Jan-2011 12:30:06

|            | Regulated<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft |
|------------|--------------------------------------|---------------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| * Jan 2010 | 28                                   | 1                               | 38                                | 30                                 | 69                                | 6478.10                               | 157                              |
| H Feb 2010 | 23                                   | 0                               | 55                                | 0                                  | 55                                | 6471.41                               | 125                              |
| I Mar 2010 | 43                                   | 0                               | 56                                | 0                                  | 56                                | 6468.40                               | 112                              |
| S Apr 2010 | 63                                   | 1                               | 47                                | 1                                  | 48                                | 6471.88                               | 127                              |
| T May 2010 | 40                                   | 1                               | 49                                | 0                                  | 49                                | 6469.44                               | 117                              |
| O Jun 2010 | 251                                  | 2                               | 50                                | 1                                  | 51                                | 6502.04                               | 314                              |
| R Jul 2010 | 134                                  | 3                               | 91                                | 22                                 | 113                               | 6504.39                               | 333                              |
| I Aug 2010 | 50                                   | 2                               | 68                                | 0                                  | 68                                | 6501.76                               | 312                              |
| C Sep 2010 | 29                                   | 2                               | 26                                | 35                                 | 61                                | 6497.33                               | 279                              |
| WY 2010    | 781                                  | 14                              | 530                               | 233                                | 763                               |                                       |                                  |
| A Oct 2010 | 31                                   | 1                               | 5                                 | 55                                 | 59                                | 6493.24                               | 250                              |
| L Nov 2010 | 34                                   | 1                               | 53                                | 1                                  | 54                                | 6490.17                               | 229                              |
| * Dec 2010 | 37                                   | 1                               | 55                                | 0                                  | 55                                | 6487.27                               | 210                              |
| Jan 2011   | 31                                   | 1                               | 55                                | 0                                  | 55                                | 6483.26                               | 185                              |
| Feb 2011   | 32                                   | 1                               | 50                                | 0                                  | 50                                | 6480.02                               | 167                              |
| Mar 2011   | 52                                   | 0                               | 94                                | 0                                  | 94                                | 6471.21                               | 124                              |
| Apr 2011   | 139                                  | 1                               | 92                                | 58                                 | 151                               | 6468.25                               | 112                              |
| May 2011   | 294                                  | 1                               | 96                                | 177                                | 273                               | 6473.03                               | 132                              |
| Jun 2011   | 557                                  | 2                               | 100                               | 292                                | 393                               | 6499.38                               | 294                              |
| Jul 2011   | 350                                  | 3                               | 102                               | 206                                | 307                               | 6504.59                               | 334                              |
| Aug 2011   | 145                                  | 2                               | 99                                | 37                                 | 135                               | 6505.54                               | 342                              |
| Sep 2011   | 79                                   | 2                               | 35                                | 50                                 | 85                                | 6504.59                               | 334                              |
| WY 2011    | 1782                                 | 15                              | 836                               | 876                                | 1712                              |                                       |                                  |
| Oct 2011   | 73                                   | 1                               | 88                                | 0                                  | 88                                | 6502.58                               | 319                              |
| Nov 2011   | 53                                   | 1                               | 85                                | 0                                  | 85                                | 6498.24                               | 286                              |
| Dec 2011   | 38                                   | 1                               | 88                                | 0                                  | 88                                | 6491.14                               | 236                              |
| Jan 2012   | 37                                   | 1                               | 88                                | 0                                  | 88                                | 6482.96                               | 184                              |
| Feb 2012   | 33                                   | 1                               | 82                                | 0                                  | 82                                | 6473.42                               | 134                              |
| Mar 2012   | 66                                   | 0                               | 88                                | 0                                  | 88                                | 6468.24                               | 112                              |
| Apr 2012   | 129                                  | 1                               | 92                                | 0                                  | 92                                | 6476.43                               | 149                              |
| May 2012   | 275                                  | 1                               | 100                               | 141                                | 241                               | 6482.45                               | 181                              |
| Jun 2012   | 519                                  | 2                               | 103                               | 290                                | 393                               | 6500.72                               | 304                              |
| Jul 2012   | 327                                  | 3                               | 100                               | 187                                | 287                               | 6505.50                               | 342                              |
| Aug 2012   | 134                                  | 2                               | 98                                | 33                                 | 131                               | 6505.62                               | 343                              |
| Sep 2012   | 72                                   | 2                               | 73                                | 0                                  | 73                                | 6505.20                               | 339                              |
| WY 2012    | 1757                                 | 16                              | 1086                              | 651                                | 1737                              |                                       |                                  |
| Oct 2012   | 65                                   | 1                               | 74                                | 0                                  | 74                                | 6503.92                               | 329                              |
| Nov 2012   | 51                                   | 1                               | 71                                | 0                                  | 71                                | 6501.14                               | 308                              |
| Dec 2012   | 35                                   | 1                               | 74                                | 0                                  | 74                                | 6495.75                               | 268                              |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Flaming Gorge Reservoir

10-Jan-2011 12:30:06

|            | Unreg<br>Inflow<br>1000<br>Ac-Ft | Regulated<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Bank<br>Storage<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft | Yampa<br>Flow<br>1000<br>Ac-Ft | Jensen<br>Flow<br>1000<br>Ac-Ft |
|------------|----------------------------------|--------------------------------------|---------------------------------|-----------------------------------|------------------------------------|-----------------------------------|----------------------------------|---------------------------------------|----------------------------------|--------------------------------|---------------------------------|
| * Jan 2010 | 27                               | 68                                   | 2                               | 109                               | 0                                  | 109                               | 129                              | 6026.29                               | 3208                             | 0                              | 669                             |
| H Feb 2010 | 29                               | 61                                   | 2                               | 87                                | 0                                  | 87                                | 128                              | 6025.55                               | 3181                             | 0                              | 111                             |
| I Mar 2010 | 69                               | 81                                   | 3                               | 60                                | 0                                  | 60                                | 129                              | 6026.01                               | 3198                             | 0                              | 118                             |
| S Apr 2010 | 96                               | 81                                   | 5                               | 49                                | 0                                  | 49                                | 130                              | 6026.69                               | 3223                             | 206                            | 240                             |
| T May 2010 | 72                               | 81                                   | 8                               | 101                               | 0                                  | 101                               | 129                              | 6025.97                               | 3196                             | 507                            | 551                             |
| O Jun 2010 | 387                              | 187                                  | 10                              | 138                               | 0                                  | 138                               | 130                              | 6026.97                               | 3234                             | 619                            | 745                             |
| R Jul 2010 | 151                              | 130                                  | 13                              | 96                                | 0                                  | 96                                | 131                              | 6027.51                               | 3254                             | 78                             | 195                             |
| I Aug 2010 | 54                               | 72                                   | 12                              | 100                               | 0                                  | 100                               | 129                              | 6026.47                               | 3215                             | 24                             | 138                             |
| C Sep 2010 | 22                               | 54                                   | 10                              | 106                               | 0                                  | 106                               | 127                              | 6024.83                               | 3154                             | 13                             | 130                             |
| WY 2010    | 1018                             | 1000                                 | 79                              | 1167                              | 1                                  | 1169                              |                                  |                                       |                                  |                                | 3698                            |
| A Oct 2010 | 32                               | 60                                   | 7                               | 77                                | 0                                  | 77                                | 126                              | 6024.21                               | 3131                             | 28                             | 113                             |
| L Nov 2010 | 31                               | 52                                   | 4                               | 63                                | 0                                  | 63                                | 125                              | 6023.83                               | 3117                             | 0                              | 107                             |
| * Dec 2010 | 45                               | 64                                   | 2                               | 68                                | 0                                  | 68                                | 125                              | 6023.67                               | 3111                             | 0                              | 114                             |
| Jan 2011   | 38                               | 62                                   | 2                               | 68                                | 0                                  | 68                                | 125                              | 6023.49                               | 3105                             | 0                              | 68                              |
| Feb 2011   | 40                               | 58                                   | 2                               | 101                               | 0                                  | 101                               | 123                              | 6022.28                               | 3061                             | 0                              | 101                             |
| Mar 2011   | 78                               | 120                                  | 3                               | 160                               | 0                                  | 160                               | 121                              | 6021.14                               | 3020                             | 0                              | 160                             |
| Apr 2011   | 225                              | 237                                  | 5                               | 155                               | 0                                  | 155                               | 124                              | 6023.22                               | 3095                             | 0                              | 155                             |
| May 2011   | 451                              | 429                                  | 8                               | 221                               | 0                                  | 221                               | 132                              | 6028.41                               | 3288                             | 0                              | 221                             |
| Jun 2011   | 742                              | 578                                  | 11                              | 283                               | 217                                | 500                               | 135                              | 6030.11                               | 3353                             | 0                              | 500                             |
| Jul 2011   | 422                              | 379                                  | 14                              | 280                               | 0                                  | 280                               | 138                              | 6032.21                               | 3435                             | 0                              | 280                             |
| Aug 2011   | 177                              | 167                                  | 13                              | 158                               | 0                                  | 158                               | 138                              | 6032.10                               | 3431                             | 0                              | 158                             |
| Sep 2011   | 102                              | 107                                  | 11                              | 152                               | 0                                  | 152                               | 136                              | 6030.73                               | 3377                             | 0                              | 152                             |
| WY 2011    | 2383                             | 2313                                 | 80                              | 1784                              | 217                                | 2001                              |                                  |                                       |                                  |                                | 2128                            |
| Oct 2011   | 97                               | 111                                  | 7                               | 157                               | 0                                  | 157                               | 134                              | 6029.41                               | 3326                             | 0                              | 157                             |
| Nov 2011   | 73                               | 105                                  | 3                               | 152                               | 0                                  | 152                               | 132                              | 6028.14                               | 3278                             | 0                              | 152                             |
| Dec 2011   | 50                               | 100                                  | 2                               | 157                               | 0                                  | 157                               | 130                              | 6026.64                               | 3221                             | 0                              | 157                             |
| Jan 2012   | 55                               | 106                                  | 2                               | 157                               | 0                                  | 157                               | 128                              | 6025.28                               | 3170                             | 0                              | 157                             |
| Feb 2012   | 60                               | 109                                  | 2                               | 147                               | 0                                  | 147                               | 126                              | 6024.24                               | 3132                             | 0                              | 147                             |
| Mar 2012   | 140                              | 162                                  | 3                               | 157                               | 0                                  | 157                               | 126                              | 6024.31                               | 3135                             | 0                              | 157                             |
| Apr 2012   | 215                              | 178                                  | 5                               | 152                               | 0                                  | 152                               | 127                              | 6024.86                               | 3155                             | 0                              | 152                             |
| May 2012   | 430                              | 397                                  | 8                               | 182                               | 0                                  | 182                               | 135                              | 6030.12                               | 3354                             | 0                              | 182                             |
| Jun 2012   | 708                              | 582                                  | 11                              | 284                               | 212                                | 496                               | 138                              | 6031.99                               | 3426                             | 0                              | 496                             |
| Jul 2012   | 402                              | 362                                  | 14                              | 184                               | 0                                  | 184                               | 144                              | 6035.95                               | 3585                             | 0                              | 184                             |
| Aug 2012   | 166                              | 163                                  | 13                              | 129                               | 0                                  | 129                               | 145                              | 6036.43                               | 3604                             | 0                              | 129                             |
| Sep 2012   | 97                               | 99                                   | 12                              | 125                               | 0                                  | 125                               | 143                              | 6035.53                               | 3567                             | 0                              | 125                             |
| WY 2012    | 2494                             | 2473                                 | 82                              | 1981                              | 212                                | 2193                              |                                  |                                       |                                  |                                | 2193                            |
| Oct 2012   | 88                               | 97                                   | 8                               | 129                               | 0                                  | 129                               | 142                              | 6034.58                               | 3529                             | 0                              | 129                             |
| Nov 2012   | 67                               | 88                                   | 4                               | 125                               | 0                                  | 125                               | 140                              | 6033.59                               | 3490                             | 0                              | 125                             |
| Dec 2012   | 41                               | 80                                   | 2                               | 129                               | 0                                  | 129                               | 138                              | 6032.35                               | 3441                             | 0                              | 129                             |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Taylor Park Reservoir

10-Jan-2011 12:30:06

|            | Regulated<br>Inflow<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft |
|------------|--------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| * Jan 2010 | 4                                    | 6                                 | 9307.90                               | 67                               |
| H Feb 2010 | 4                                    | 6                                 | 9306.55                               | 65                               |
| I Mar 2010 | 4                                    | 6                                 | 9305.31                               | 63                               |
| S Apr 2010 | 11                                   | 6                                 | 9308.40                               | 67                               |
| T May 2010 | 22                                   | 9                                 | 9316.36                               | 80                               |
| O Jun 2010 | 35                                   | 18                                | 9325.55                               | 97                               |
| R Jul 2010 | 10                                   | 20                                | 9320.19                               | 87                               |
| I Aug 2010 | 10                                   | 17                                | 9316.06                               | 80                               |
| C Sep 2010 | 6                                    | 14                                | 9311.57                               | 72                               |
| WY 2010    | 121                                  | 122                               |                                       |                                  |
| A Oct 2010 | 7                                    | 6                                 | 9312.21                               | 73                               |
| L Nov 2010 | 4                                    | 0                                 | 9312.27                               | 74                               |
| * Dec 2010 | 5                                    | 5                                 | 9312.71                               | 74                               |
| Jan 2011   | 4                                    | 6                                 | 9311.37                               | 72                               |
| Feb 2011   | 3                                    | 6                                 | 9309.49                               | 69                               |
| Mar 2011   | 3                                    | 20                                | 9297.93                               | 52                               |
| Apr 2011   | 12                                   | 40                                | 9269.88                               | 25                               |
| May 2011   | 42                                   | 60                                | 9234.41                               | 7                                |
| Jun 2011   | 73                                   | 60                                | 9261.54                               | 19                               |
| Jul 2011   | 41                                   | 40                                | 9263.64                               | 20                               |
| Aug 2011   | 18                                   | 13                                | 9270.77                               | 25                               |
| Sep 2011   | 11                                   | 13                                | 9267.85                               | 23                               |
| WY 2011    | 223                                  | 268                               |                                       |                                  |
| Oct 2011   | 8                                    | 10                                | 9265.22                               | 21                               |
| Nov 2011   | 6                                    | 6                                 | 9265.64                               | 22                               |
| Dec 2011   | 6                                    | 6                                 | 9265.48                               | 22                               |
| Jan 2012   | 5                                    | 6                                 | 9264.12                               | 21                               |
| Feb 2012   | 4                                    | 6                                 | 9261.50                               | 19                               |
| Mar 2012   | 5                                    | 6                                 | 9259.86                               | 18                               |
| Apr 2012   | 11                                   | 8                                 | 9265.28                               | 21                               |
| May 2012   | 37                                   | 14                                | 9291.59                               | 45                               |
| Jun 2012   | 64                                   | 20                                | 9321.09                               | 89                               |
| Jul 2012   | 37                                   | 22                                | 9328.69                               | 104                              |
| Aug 2012   | 16                                   | 22                                | 9325.44                               | 97                               |
| Sep 2012   | 10                                   | 16                                | 9322.10                               | 91                               |
| WY 2012    | 209                                  | 141                               |                                       |                                  |
| Oct 2012   | 8                                    | 10                                | 9320.98                               | 89                               |
| Nov 2012   | 6                                    | 6                                 | 9320.98                               | 89                               |
| Dec 2012   | 5                                    | 6                                 | 9320.54                               | 88                               |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply

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Blue Mesa Reservoir

|            | Unreg<br>Inflow<br>1000<br>Ac-Ft | Regulated<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft |
|------------|----------------------------------|--------------------------------------|---------------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| * Jan 2010 | 22                               | 24                                   | 0                               | 43                                | 0                                  | 43                                | 7487.22                               | 560                              |
| H Feb 2010 | 22                               | 24                                   | 0                               | 38                                | 0                                  | 38                                | 7485.33                               | 546                              |
| I Mar 2010 | 29                               | 30                                   | 0                               | 33                                | 0                                  | 33                                | 7484.88                               | 542                              |
| S Apr 2010 | 96                               | 92                                   | 1                               | 45                                | 0                                  | 45                                | 7490.80                               | 588                              |
| T May 2010 | 143                              | 131                                  | 1                               | 110                               | 6                                  | 116                               | 7492.59                               | 602                              |
| O Jun 2010 | 205                              | 186                                  | 1                               | 51                                | 0                                  | 51                                | 7508.76                               | 735                              |
| R Jul 2010 | 50                               | 60                                   | 1                               | 98                                | 0                                  | 98                                | 7504.17                               | 696                              |
| I Aug 2010 | 56                               | 63                                   | 1                               | 92                                | 0                                  | 92                                | 7500.54                               | 666                              |
| C Sep 2010 | 23                               | 31                                   | 1                               | 86                                | 0                                  | 86                                | 7493.54                               | 609                              |
| WY 2010    | 725                              | 726                                  | 8                               | 754                               | 6                                  | 760                               |                                       |                                  |
| A Oct 2010 | 29                               | 29                                   | 1                               | 85                                | 0                                  | 85                                | 7486.20                               | 552                              |
| L Nov 2010 | 27                               | 27                                   | 0                               | 24                                | 0                                  | 24                                | 7486.60                               | 555                              |
| * Dec 2010 | 30                               | 29                                   | 0                               | 27                                | 0                                  | 27                                | 7486.84                               | 557                              |
| Jan 2011   | 24                               | 26                                   | 0                               | 57                                | 0                                  | 57                                | 7482.72                               | 526                              |
| Feb 2011   | 22                               | 25                                   | 0                               | 77                                | 0                                  | 77                                | 7475.51                               | 474                              |
| Mar 2011   | 34                               | 51                                   | 0                               | 124                               | 0                                  | 124                               | 7464.59                               | 400                              |
| Apr 2011   | 111                              | 139                                  | 1                               | 187                               | 31                                 | 218                               | 7451.43                               | 321                              |
| May 2011   | 370                              | 388                                  | 1                               | 195                               | 55                                 | 250                               | 7473.21                               | 458                              |
| Jun 2011   | 478                              | 465                                  | 1                               | 162                               | 0                                  | 162                               | 7511.58                               | 760                              |
| Jul 2011   | 241                              | 240                                  | 2                               | 195                               | 0                                  | 195                               | 7516.40                               | 802                              |
| Aug 2011   | 109                              | 104                                  | 1                               | 116                               | 0                                  | 116                               | 7514.97                               | 790                              |
| Sep 2011   | 56                               | 58                                   | 1                               | 117                               | 0                                  | 117                               | 7508.15                               | 730                              |
| WY 2011    | 1532                             | 1581                                 | 8                               | 1367                              | 86                                 | 1452                              |                                       |                                  |
| Oct 2011   | 47                               | 49                                   | 1                               | 95                                | 0                                  | 95                                | 7502.65                               | 683                              |
| Nov 2011   | 36                               | 36                                   | 0                               | 65                                | 0                                  | 65                                | 7499.07                               | 654                              |
| Dec 2011   | 29                               | 29                                   | 0                               | 101                               | 0                                  | 101                               | 7490.00                               | 581                              |
| Jan 2012   | 26                               | 27                                   | 0                               | 100                               | 0                                  | 100                               | 7480.31                               | 508                              |
| Feb 2012   | 25                               | 27                                   | 0                               | 90                                | 0                                  | 90                                | 7471.30                               | 445                              |
| Mar 2012   | 40                               | 41                                   | 0                               | 120                               | 0                                  | 120                               | 7459.04                               | 365                              |
| Apr 2012   | 101                              | 98                                   | 1                               | 96                                | 0                                  | 96                                | 7459.20                               | 366                              |
| May 2012   | 337                              | 314                                  | 1                               | 197                               | 7                                  | 204                               | 7475.71                               | 475                              |
| Jun 2012   | 435                              | 391                                  | 1                               | 142                               | 0                                  | 142                               | 7507.35                               | 723                              |
| Jul 2012   | 220                              | 205                                  | 2                               | 124                               | 0                                  | 124                               | 7516.40                               | 802                              |
| Aug 2012   | 95                               | 101                                  | 1                               | 114                               | 0                                  | 114                               | 7514.84                               | 788                              |
| Sep 2012   | 54                               | 60                                   | 1                               | 113                               | 0                                  | 113                               | 7508.68                               | 734                              |
| WY 2012    | 1445                             | 1377                                 | 8                               | 1358                              | 7                                  | 1365                              |                                       |                                  |
| Oct 2012   | 47                               | 49                                   | 1                               | 92                                | 0                                  | 92                                | 7503.56                               | 691                              |
| Nov 2012   | 36                               | 36                                   | 0                               | 64                                | 0                                  | 64                                | 7500.12                               | 662                              |
| Dec 2012   | 28                               | 28                                   | 0                               | 109                               | 0                                  | 109                               | 7490.00                               | 581                              |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Morrow Point Reservoir

10-Jan-2011 12:30:06

|            | Unreg<br>Inflow<br>1000<br>Ac-Ft | Blue Mesa<br>Release<br>1000<br>Ac-Ft | Side<br>Inflow<br>1000<br>Ac-Ft | Total<br>Inflow<br>1000<br>Ac-Ft | Evap<br>losses<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft |
|------------|----------------------------------|---------------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| * Jan 2010 | 24                               | 43                                    | 2                               | 45                               | 0                               | 47                                | 0                                  | 47                                | 7150.49                               | 109                              |
| H Feb 2010 | 22                               | 38                                    | 1                               | 38                               | 0                               | 41                                | 0                                  | 41                                | 7147.10                               | 107                              |
| I Mar 2010 | 29                               | 33                                    | 1                               | 34                               | 0                               | 34                                | 0                                  | 34                                | 7147.29                               | 107                              |
| S Apr 2010 | 107                              | 45                                    | 11                              | 57                               | 0                               | 55                                | 0                                  | 55                                | 7149.84                               | 109                              |
| T May 2010 | 159                              | 116                                   | 16                              | 132                              | 0                               | 129                               | 0                                  | 129                               | 7154.46                               | 113                              |
| O Jun 2010 | 216                              | 51                                    | 12                              | 63                               | 0                               | 64                                | 0                                  | 64                                | 7153.15                               | 112                              |
| R Jul 2010 | 51                               | 98                                    | 1                               | 98                               | 0                               | 96                                | 0                                  | 96                                | 7156.02                               | 114                              |
| I Aug 2010 | 56                               | 92                                    | 1                               | 93                               | 0                               | 93                                | 0                                  | 93                                | 7155.63                               | 114                              |
| C Sep 2010 | 23                               | 86                                    | 0                               | 87                               | 0                               | 92                                | 0                                  | 92                                | 7148.78                               | 108                              |
| WY 2010    | 773                              | 760                                   | 48                              | 807                              | 1                               | 805                               | 0                                  | 805                               |                                       |                                  |
| A Oct 2010 | 30                               | 85                                    | 1                               | 86                               | 0                               | 82                                | 0                                  | 82                                | 7153.88                               | 112                              |
| L Nov 2010 | 29                               | 24                                    | 1                               | 25                               | 0                               | 26                                | 0                                  | 26                                | 7152.79                               | 111                              |
| * Dec 2010 | 30                               | 27                                    | 0                               | 28                               | 0                               | 27                                | 0                                  | 27                                | 7153.98                               | 112                              |
| Jan 2011   | 26                               | 57                                    | 2                               | 59                               | 0                               | 59                                | 0                                  | 59                                | 7153.73                               | 112                              |
| Feb 2011   | 25                               | 77                                    | 3                               | 80                               | 0                               | 80                                | 0                                  | 80                                | 7153.73                               | 112                              |
| Mar 2011   | 38                               | 124                                   | 4                               | 128                              | 0                               | 128                               | 0                                  | 128                               | 7153.73                               | 112                              |
| Apr 2011   | 126                              | 218                                   | 15                              | 233                              | 0                               | 233                               | 0                                  | 233                               | 7153.73                               | 112                              |
| May 2011   | 411                              | 250                                   | 41                              | 291                              | 0                               | 291                               | 0                                  | 291                               | 7153.73                               | 112                              |
| Jun 2011   | 511                              | 162                                   | 33                              | 195                              | 0                               | 195                               | 0                                  | 195                               | 7153.73                               | 112                              |
| Jul 2011   | 252                              | 195                                   | 11                              | 206                              | 0                               | 206                               | 0                                  | 206                               | 7153.73                               | 112                              |
| Aug 2011   | 115                              | 116                                   | 6                               | 122                              | 0                               | 122                               | 0                                  | 122                               | 7153.73                               | 112                              |
| Sep 2011   | 60                               | 117                                   | 4                               | 121                              | 0                               | 121                               | 0                                  | 121                               | 7153.73                               | 112                              |
| WY 2011    | 1653                             | 1452                                  | 121                             | 1574                             | 0                               | 1570                              | 0                                  | 1570                              |                                       |                                  |
| Oct 2011   | 51                               | 95                                    | 3                               | 98                               | 0                               | 98                                | 0                                  | 98                                | 7153.73                               | 112                              |
| Nov 2011   | 39                               | 65                                    | 3                               | 68                               | 0                               | 68                                | 0                                  | 68                                | 7153.73                               | 112                              |
| Dec 2011   | 31                               | 101                                   | 3                               | 104                              | 0                               | 104                               | 0                                  | 104                               | 7153.73                               | 112                              |
| Jan 2012   | 29                               | 100                                   | 3                               | 103                              | 0                               | 103                               | 0                                  | 103                               | 7153.73                               | 112                              |
| Feb 2012   | 28                               | 90                                    | 3                               | 93                               | 0                               | 93                                | 0                                  | 93                                | 7153.73                               | 112                              |
| Mar 2012   | 45                               | 120                                   | 5                               | 125                              | 0                               | 125                               | 0                                  | 125                               | 7153.73                               | 112                              |
| Apr 2012   | 117                              | 96                                    | 15                              | 112                              | 0                               | 112                               | 0                                  | 112                               | 7153.73                               | 112                              |
| May 2012   | 381                              | 204                                   | 44                              | 248                              | 0                               | 248                               | 0                                  | 248                               | 7153.73                               | 112                              |
| Jun 2012   | 473                              | 142                                   | 38                              | 180                              | 0                               | 180                               | 0                                  | 180                               | 7153.73                               | 112                              |
| Jul 2012   | 234                              | 124                                   | 14                              | 138                              | 0                               | 138                               | 0                                  | 138                               | 7153.73                               | 112                              |
| Aug 2012   | 101                              | 114                                   | 6                               | 120                              | 0                               | 120                               | 0                                  | 120                               | 7153.73                               | 112                              |
| Sep 2012   | 58                               | 113                                   | 4                               | 117                              | 0                               | 117                               | 0                                  | 117                               | 7153.73                               | 112                              |
| WY 2012    | 1586                             | 1365                                  | 141                             | 1506                             | 0                               | 1506                              | 0                                  | 1506                              |                                       |                                  |
| Oct 2012   | 50                               | 92                                    | 3                               | 95                               | 0                               | 95                                | 0                                  | 95                                | 7153.73                               | 112                              |
| Nov 2012   | 38                               | 64                                    | 2                               | 66                               | 0                               | 66                                | 0                                  | 66                                | 7153.73                               | 112                              |
| Dec 2012   | 29                               | 109                                   | 2                               | 111                              | 0                               | 111                               | 0                                  | 111                               | 7153.73                               | 112                              |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Crystal Reservoir

10-Jan-2011 12:30:06

|            | unreg<br>Inflow<br>1000<br>Ac-Ft | Morrow<br>Release<br>1000<br>Ac-Ft | Side<br>Inflow<br>1000<br>Ac-Ft | Total<br>Inflow<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft | Tunnel<br>Flow<br>1000<br>Ac-Ft | Below_tunnel<br>Flow<br>1000<br>Ac-Ft |
|------------|----------------------------------|------------------------------------|---------------------------------|----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|---------------------------------|---------------------------------------|
| * Jan 2010 | 26                               | 47                                 | 3                               | 50                               | 49                                | 0                                  | 49                                | 6745.38                               | 15                               | 1                               | 50                                    |
| H Feb 2010 | 25                               | 41                                 | 3                               | 44                               | 25                                | 17                                 | 42                                | 6751.67                               | 17                               | 1                               | 43                                    |
| I Mar 2010 | 33                               | 34                                 | 4                               | 38                               | 38                                | 0                                  | 38                                | 6751.84                               | 17                               | 1                               | 38                                    |
| S Apr 2010 | 118                              | 55                                 | 11                              | 66                               | 66                                | 0                                  | 66                                | 6750.96                               | 16                               | 34                              | 34                                    |
| T May 2010 | 179                              | 129                                | 20                              | 148                              | 108                               | 39                                 | 148                               | 6752.53                               | 17                               | 60                              | 91                                    |
| O Jun 2010 | 242                              | 64                                 | 25                              | 89                               | 89                                | 0                                  | 89                                | 6752.91                               | 17                               | 56                              | 39                                    |
| R Jul 2010 | 55                               | 96                                 | 4                               | 100                              | 100                               | 0                                  | 100                               | 6751.15                               | 16                               | 69                              | 39                                    |
| I Aug 2010 | 61                               | 93                                 | 5                               | 98                               | 98                                | 0                                  | 98                                | 6749.05                               | 16                               | 68                              | 37                                    |
| C Sep 2010 | 26                               | 92                                 | 3                               | 95                               | 95                                | 0                                  | 95                                | 6748.16                               | 16                               | 63                              | 36                                    |
| WY 2010    | 859                              | 805                                | 86                              | 891                              | 824                               | 67                                 | 890                               |                                       |                                  | 414                             | 528                                   |
| A Oct 2010 | 34                               | 82                                 | 4                               | 86                               | 85                                | 0                                  | 85                                | 6750.41                               | 16                               | 51                              | 33                                    |
| L Nov 2010 | 32                               | 26                                 | 4                               | 30                               | 30                                | 0                                  | 30                                | 6748.60                               | 16                               | 0                               | 29                                    |
| * Dec 2010 | 34                               | 27                                 | 4                               | 31                               | 31                                | 0                                  | 31                                | 6748.24                               | 16                               | 1                               | 30                                    |
| Jan 2011   | 30                               | 59                                 | 4                               | 63                               | 62                                | 0                                  | 62                                | 6753.04                               | 17                               | 0                               | 62                                    |
| Feb 2011   | 29                               | 80                                 | 4                               | 84                               | 84                                | 0                                  | 84                                | 6753.04                               | 17                               | 0                               | 84                                    |
| Mar 2011   | 44                               | 128                                | 6                               | 134                              | 134                               | 0                                  | 134                               | 6753.04                               | 17                               | 5                               | 129                                   |
| Apr 2011   | 140                              | 233                                | 14                              | 247                              | 130                               | 117                                | 247                               | 6753.04                               | 17                               | 30                              | 217                                   |
| May 2011   | 459                              | 291                                | 48                              | 339                              | 134                               | 205                                | 339                               | 6753.04                               | 17                               | 55                              | 284                                   |
| Jun 2011   | 562                              | 195                                | 51                              | 246                              | 130                               | 116                                | 246                               | 6753.04                               | 17                               | 60                              | 186                                   |
| Jul 2011   | 278                              | 206                                | 26                              | 233                              | 134                               | 99                                 | 233                               | 6753.04                               | 17                               | 65                              | 168                                   |
| Aug 2011   | 127                              | 122                                | 12                              | 134                              | 134                               | 0                                  | 134                               | 6753.04                               | 17                               | 65                              | 69                                    |
| Sep 2011   | 69                               | 121                                | 9                               | 130                              | 130                               | 0                                  | 130                               | 6753.04                               | 17                               | 55                              | 75                                    |
| WY 2011    | 1840                             | 1570                               | 186                             | 1756                             | 1217                              | 537                                | 1755                              |                                       |                                  | 387                             | 1366                                  |
| Oct 2011   | 59                               | 98                                 | 8                               | 107                              | 107                               | 0                                  | 107                               | 6753.04                               | 17                               | 30                              | 77                                    |
| Nov 2011   | 45                               | 68                                 | 6                               | 74                               | 74                                | 0                                  | 74                                | 6753.04                               | 17                               | 0                               | 74                                    |
| Dec 2011   | 37                               | 104                                | 6                               | 109                              | 109                               | 0                                  | 109                               | 6753.04                               | 17                               | 0                               | 109                                   |
| Jan 2012   | 36                               | 103                                | 7                               | 110                              | 110                               | 0                                  | 110                               | 6753.04                               | 17                               | 0                               | 110                                   |
| Feb 2012   | 33                               | 93                                 | 5                               | 99                               | 99                                | 0                                  | 99                                | 6753.04                               | 17                               | 0                               | 99                                    |
| Mar 2012   | 54                               | 125                                | 9                               | 134                              | 134                               | 0                                  | 134                               | 6753.04                               | 17                               | 5                               | 129                                   |
| Apr 2012   | 135                              | 112                                | 18                              | 130                              | 130                               | 0                                  | 130                               | 6753.04                               | 17                               | 30                              | 100                                   |
| May 2012   | 442                              | 248                                | 61                              | 309                              | 134                               | 174                                | 309                               | 6753.04                               | 17                               | 55                              | 254                                   |
| Jun 2012   | 540                              | 180                                | 67                              | 247                              | 130                               | 117                                | 247                               | 6753.04                               | 17                               | 60                              | 187                                   |
| Jul 2012   | 268                              | 138                                | 34                              | 172                              | 134                               | 38                                 | 172                               | 6753.04                               | 17                               | 65                              | 107                                   |
| Aug 2012   | 115                              | 120                                | 14                              | 134                              | 134                               | 0                                  | 134                               | 6753.04                               | 17                               | 65                              | 69                                    |
| Sep 2012   | 67                               | 117                                | 9                               | 126                              | 126                               | 0                                  | 126                               | 6753.04                               | 17                               | 55                              | 71                                    |
| WY 2012    | 1830                             | 1506                               | 244                             | 1750                             | 1420                              | 330                                | 1750                              |                                       |                                  | 365                             | 1385                                  |
| Oct 2012   | 58                               | 95                                 | 8                               | 103                              | 103                               | 0                                  | 103                               | 6753.04                               | 17                               | 30                              | 73                                    |
| Nov 2012   | 44                               | 66                                 | 6                               | 72                               | 72                                | 0                                  | 72                                | 6753.04                               | 17                               | 0                               | 72                                    |
| Dec 2012   | 34                               | 111                                | 5                               | 116                              | 116                               | 0                                  | 116                               | 6753.04                               | 17                               | 0                               | 116                                   |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Vallecito Reservoir

10-Jan-2011 12:30:06

|            | Regulated<br>Inflow<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft |
|------------|--------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| * Jan 2010 | 4                                    | 3                                 | 7631.27                               | 47                               |
| H Feb 2010 | 3                                    | 4                                 | 7630.95                               | 46                               |
| I Mar 2010 | 3                                    | 8                                 | 7628.45                               | 42                               |
| S Apr 2010 | 27                                   | 4                                 | 7640.13                               | 65                               |
| T May 2010 | 69                                   | 20                                | 7660.32                               | 113                              |
| O Jun 2010 | 46                                   | 42                                | 7661.51                               | 116                              |
| R Jul 2010 | 12                                   | 37                                | 7651.21                               | 90                               |
| I Aug 2010 | 19                                   | 33                                | 7645.00                               | 75                               |
| C Sep 2010 | 10                                   | 26                                | 7637.70                               | 59                               |
| WY 2010    | 210                                  | 196                               |                                       |                                  |
| A Oct 2010 | 12                                   | 13                                | 7636.95                               | 58                               |
| L Nov 2010 | 7                                    | 2                                 | 7639.20                               | 63                               |
| * Dec 2010 | 6                                    | 2                                 | 7641.20                               | 67                               |
| Jan 2011   | 5                                    | 2                                 | 7642.61                               | 70                               |
| Feb 2011   | 4                                    | 3                                 | 7643.13                               | 71                               |
| Mar 2011   | 7                                    | 3                                 | 7644.57                               | 74                               |
| Apr 2011   | 31                                   | 24                                | 7647.73                               | 82                               |
| May 2011   | 93                                   | 100                               | 7644.66                               | 75                               |
| Jun 2011   | 123                                  | 78                                | 7662.85                               | 120                              |
| Jul 2011   | 52                                   | 52                                | 7662.58                               | 119                              |
| Aug 2011   | 30                                   | 45                                | 7656.83                               | 104                              |
| Sep 2011   | 25                                   | 39                                | 7651.14                               | 90                               |
| WY 2011    | 395                                  | 361                               |                                       |                                  |
| Oct 2011   | 18                                   | 31                                | 7645.72                               | 77                               |
| Nov 2011   | 10                                   | 10                                | 7645.57                               | 77                               |
| Dec 2011   | 7                                    | 6                                 | 7645.72                               | 77                               |
| Jan 2012   | 5                                    | 6                                 | 7645.39                               | 76                               |
| Feb 2012   | 5                                    | 6                                 | 7644.96                               | 75                               |
| Mar 2012   | 10                                   | 6                                 | 7646.41                               | 79                               |
| Apr 2012   | 32                                   | 28                                | 7647.72                               | 82                               |
| May 2012   | 94                                   | 102                               | 7644.08                               | 73                               |
| Jun 2012   | 124                                  | 78                                | 7662.72                               | 119                              |
| Jul 2012   | 53                                   | 46                                | 7665.00                               | 125                              |
| Aug 2012   | 26                                   | 43                                | 7658.44                               | 108                              |
| Sep 2012   | 22                                   | 39                                | 7651.60                               | 91                               |
| WY 2012    | 405                                  | 401                               |                                       |                                  |
| Oct 2012   | 18                                   | 13                                | 7653.38                               | 95                               |
| Nov 2012   | 10                                   | 6                                 | 7654.91                               | 99                               |
| Dec 2012   | 7                                    | 5                                 | 7655.73                               | 101                              |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Navajo Reservoir

10-Jan-2011 12:30:06

|            | Mod_Unreg<br>Inflow<br>1000<br>Ac-Ft | Azetea<br>Tunnel_Div<br>1000<br>Ac-Ft | Reg<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | NIIP<br>Diversion<br>1000<br>ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Live<br>Storage<br>1000<br>Ac-Ft | Farm<br>Flow<br>1000<br>Ac-Ft |
|------------|--------------------------------------|---------------------------------------|--------------------------------|---------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|-------------------------------|
| * Jan 2010 | 15                                   | 0                                     | 14                             | 1                               | 0                                  | 32                                | 6050.04                               | 1226                             | 49                            |
| H Feb 2010 | 16                                   | 0                                     | 16                             | 1                               | 0                                  | 27                                | 6049.04                               | 1214                             | 43                            |
| I Mar 2010 | 64                                   | 1                                     | 68                             | 1                               | 3                                  | 31                                | 6051.78                               | 1247                             | 52                            |
| S Apr 2010 | 222                                  | 22                                    | 179                            | 2                               | 12                                 | 28                                | 6062.79                               | 1384                             | 75                            |
| T May 2010 | 264                                  | 35                                    | 182                            | 4                               | 26                                 | 30                                | 6071.80                               | 1506                             | 126                           |
| O Jun 2010 | 152                                  | 27                                    | 116                            | 5                               | 40                                 | 33                                | 6074.50                               | 1544                             | 118                           |
| R Jul 2010 | 15                                   | 2                                     | 39                             | 5                               | 47                                 | 58                                | 6069.52                               | 1474                             | 72                            |
| I Aug 2010 | 39                                   | 2                                     | 52                             | 4                               | 35                                 | 41                                | 6067.48                               | 1446                             | 69                            |
| C Sep 2010 | 24                                   | 1                                     | 39                             | 3                               | 25                                 | 45                                | 6064.97                               | 1412                             | 57                            |
| WY 2010    | 855                                  | 89                                    | 753                            | 29                              | 202                                | 423                               |                                       |                                  | 801                           |
| A Oct 2010 | 25                                   | 0                                     | 27                             | 2                               | 8                                  | 36                                | 6063.49                               | 1393                             | 46                            |
| L Nov 2010 | 17                                   | 0                                     | 12                             | 1                               | 1                                  | 29                                | 6062.08                               | 1374                             | 46                            |
| * Dec 2010 | 23                                   | 0                                     | 19                             | 1                               | 1                                  | 29                                | 6061.11                               | 1362                             | 41                            |
| Jan 2011   | 19                                   | 1                                     | 14                             | 1                               | 0                                  | 32                                | 6059.69                               | 1344                             | 32                            |
| Feb 2011   | 29                                   | 1                                     | 27                             | 1                               | 0                                  | 27                                | 6059.61                               | 1343                             | 27                            |
| Mar 2011   | 86                                   | 2                                     | 81                             | 2                               | 4                                  | 236                               | 6046.24                               | 1182                             | 236                           |
| Apr 2011   | 284                                  | 11                                    | 265                            | 2                               | 16                                 | 238                               | 6046.96                               | 1190                             | 238                           |
| May 2011   | 422                                  | 45                                    | 383                            | 3                               | 28                                 | 260                               | 6054.73                               | 1282                             | 260                           |
| Jun 2011   | 425                                  | 51                                    | 328                            | 4                               | 43                                 | 212                               | 6060.19                               | 1350                             | 212                           |
| Jul 2011   | 159                                  | 27                                    | 132                            | 4                               | 46                                 | 31                                | 6064.11                               | 1401                             | 31                            |
| Aug 2011   | 84                                   | 4                                     | 94                             | 4                               | 39                                 | 42                                | 6064.87                               | 1411                             | 42                            |
| Sep 2011   | 73                                   | 2                                     | 85                             | 3                               | 22                                 | 30                                | 6067.11                               | 1441                             | 30                            |
| WY 2011    | 1646                                 | 146                                   | 1467                           | 27                              | 210                                | 1201                              |                                       |                                  | 1240                          |
| Oct 2011   | 61                                   | 0                                     | 73                             | 2                               | 8                                  | 31                                | 6069.52                               | 1474                             | 31                            |
| Nov 2011   | 45                                   | 0                                     | 45                             | 1                               | 0                                  | 30                                | 6070.55                               | 1488                             | 30                            |
| Dec 2011   | 30                                   | 0                                     | 29                             | 1                               | 0                                  | 31                                | 6070.38                               | 1486                             | 31                            |
| Jan 2012   | 25                                   | 0                                     | 26                             | 1                               | 0                                  | 31                                | 6069.99                               | 1480                             | 31                            |
| Feb 2012   | 38                                   | 0                                     | 38                             | 1                               | 0                                  | 28                                | 6070.68                               | 1490                             | 28                            |
| Mar 2012   | 113                                  | 2                                     | 108                            | 2                               | 4                                  | 288                               | 6056.52                               | 1304                             | 288                           |
| Apr 2012   | 287                                  | 21                                    | 263                            | 2                               | 17                                 | 298                               | 6052.10                               | 1250                             | 298                           |
| May 2012   | 426                                  | 45                                    | 389                            | 3                               | 29                                 | 307                               | 6056.21                               | 1300                             | 307                           |
| Jun 2012   | 429                                  | 38                                    | 344                            | 4                               | 44                                 | 212                               | 6062.80                               | 1384                             | 212                           |
| Jul 2012   | 161                                  | 5                                     | 149                            | 5                               | 47                                 | 37                                | 6067.37                               | 1445                             | 37                            |
| Aug 2012   | 74                                   | 4                                     | 87                             | 4                               | 39                                 | 42                                | 6067.46                               | 1446                             | 42                            |
| Sep 2012   | 64                                   | 2                                     | 79                             | 3                               | 22                                 | 36                                | 6068.77                               | 1464                             | 36                            |
| WY 2012    | 1752                                 | 118                                   | 1630                           | 28                              | 210                                | 1369                              |                                       |                                  | 1369                          |
| Oct 2012   | 58                                   | 0                                     | 53                             | 2                               | 8                                  | 60                                | 6067.54                               | 1447                             | 60                            |
| Nov 2012   | 40                                   | 0                                     | 36                             | 1                               | 0                                  | 60                                | 6065.69                               | 1422                             | 60                            |
| Dec 2012   | 28                                   | 0                                     | 25                             | 1                               | 0                                  | 60                                | 6063.02                               | 1387                             | 60                            |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Lake Powell

10-Jan-2011 12:30:06

|            | Unreg<br>Inflow<br>1000<br>Ac-Ft | Regulated<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | PowerPlant<br>Release<br>1000<br>Ac-Ft | Bypass<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | Bank<br>Storage<br>1000<br>Ac-Ft | EOM<br>Storage<br>1000<br>Ac-Ft | Lees<br>Ferry<br>1000<br>Ac-Ft |
|------------|----------------------------------|--------------------------------------|---------------------------------|----------------------------------------|------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|---------------------------------|--------------------------------|
| * Jan 2010 | 264                              | 386                                  | 9                               | 900                                    | 0                                  | 900                               | 3622.14                               | 17953                            | 13991                           | 925                            |
| H Feb 2010 | 260                              | 350                                  | 10                              | 631                                    | 0                                  | 631                               | 3620.16                               | 17873                            | 13780                           | 644                            |
| I Mar 2010 | 478                              | 475                                  | 17                              | 602                                    | 0                                  | 602                               | 3619.41                               | 17809                            | 13701                           | 612                            |
| S Apr 2010 | 944                              | 717                                  | 26                              | 602                                    | 0                                  | 602                               | 3620.50                               | 17782                            | 13816                           | 614                            |
| T May 2010 | 1399                             | 1224                                 | 32                              | 601                                    | 0                                  | 601                               | 3625.96                               | 17784                            | 14405                           | 612                            |
| O Jun 2010 | 2776                             | 2321                                 | 53                              | 601                                    | 0                                  | 601                               | 3638.82                               | 17993                            | 15864                           | 612                            |
| R Jul 2010 | 674                              | 706                                  | 65                              | 802                                    | 0                                  | 802                               | 3636.52                               | 18099                            | 15596                           | 824                            |
| I Aug 2010 | 504                              | 608                                  | 64                              | 802                                    | 0                                  | 802                               | 3634.55                               | 18069                            | 15369                           | 826                            |
| C Sep 2010 | 277                              | 461                                  | 58                              | 480                                    | 0                                  | 480                               | 3633.66                               | 18093                            | 15267                           | 490                            |
| WY 2010    | 8634                             | 8674                                 | 444                             | 8234                                   | 0                                  | 8235                              |                                       |                                  |                                 | 8419                           |
| A Oct 2010 | 362                              | 512                                  | 41                              | 495                                    | 0                                  | 495                               | 3634.08                               | 18022                            | 15315                           | 502                            |
| L Nov 2010 | 438                              | 474                                  | 39                              | 810                                    | 0                                  | 810                               | 3630.31                               | 18074                            | 14888                           | 826                            |
| * Dec 2010 | 417                              | 447                                  | 30                              | 847                                    | 0                                  | 847                               | 3626.54                               | 18063                            | 14469                           | 865                            |
| Jan 2011   | 380                              | 456                                  | 9                               | 1000                                   | 0                                  | 1000                              | 3621.81                               | 18022                            | 13956                           | 1000                           |
| Feb 2011   | 380                              | 495                                  | 10                              | 981                                    | 0                                  | 981                               | 3617.48                               | 17986                            | 13498                           | 981                            |
| Mar 2011   | 670                              | 998                                  | 16                              | 995                                    | 0                                  | 995                               | 3617.36                               | 17985                            | 13485                           | 995                            |
| Apr 2011   | 1698                             | 1716                                 | 26                              | 947                                    | 0                                  | 947                               | 3623.83                               | 18040                            | 14173                           | 947                            |
| May 2011   | 3934                             | 3495                                 | 34                              | 1448                                   | 0                                  | 1448                              | 3640.29                               | 18189                            | 16038                           | 1448                           |
| Jun 2011   | 5343                             | 4667                                 | 60                              | 1402                                   | 0                                  | 1402                              | 3663.87                               | 18426                            | 19005                           | 1402                           |
| Jul 2011   | 3025                             | 2782                                 | 79                              | 1448                                   | 0                                  | 1448                              | 3672.36                               | 18519                            | 20167                           | 1448                           |
| Aug 2011   | 1137                             | 1126                                 | 81                              | 1448                                   | 0                                  | 1448                              | 3669.68                               | 18489                            | 19794                           | 1448                           |
| Sep 2011   | 812                              | 904                                  | 73                              | 935                                    | 0                                  | 935                               | 3668.98                               | 18482                            | 19698                           | 935                            |
| WY 2011    | 18596                            | 18073                                | 498                             | 12756                                  | 0                                  | 12756                             |                                       |                                  |                                 | 12798                          |
| Oct 2011   | 785                              | 871                                  | 51                              | 966                                    | 0                                  | 966                               | 3667.99                               | 18471                            | 19562                           | 966                            |
| Nov 2011   | 698                              | 792                                  | 48                              | 1488                                   | 0                                  | 1488                              | 3662.89                               | 18416                            | 18873                           | 1488                           |
| Dec 2011   | 542                              | 722                                  | 37                              | 1537                                   | 0                                  | 1537                              | 3656.86                               | 18353                            | 18085                           | 1537                           |
| Jan 2012   | 475                              | 656                                  | 11                              | 1537                                   | 0                                  | 1537                              | 3650.35                               | 18287                            | 17259                           | 1537                           |
| Feb 2012   | 506                              | 648                                  | 12                              | 1140                                   | 0                                  | 1140                              | 3646.57                               | 18249                            | 16792                           | 1140                           |
| Mar 2012   | 843                              | 1120                                 | 20                              | 1000                                   | 0                                  | 1000                              | 3647.32                               | 18257                            | 16884                           | 1000                           |
| Apr 2012   | 1513                             | 1493                                 | 32                              | 1171                                   | 0                                  | 1171                              | 3649.49                               | 18278                            | 17153                           | 1171                           |
| May 2012   | 3505                             | 3079                                 | 40                              | 1537                                   | 0                                  | 1537                              | 3660.39                               | 18389                            | 18544                           | 1537                           |
| Jun 2012   | 4760                             | 4120                                 | 67                              | 1488                                   | 0                                  | 1488                              | 3677.66                               | 18579                            | 20919                           | 1488                           |
| Jul 2012   | 2695                             | 2308                                 | 85                              | 1537                                   | 0                                  | 1537                              | 3682.02                               | 18630                            | 21554                           | 1537                           |
| Aug 2012   | 1017                             | 1011                                 | 85                              | 1537                                   | 0                                  | 1537                              | 3678.14                               | 18585                            | 20988                           | 1537                           |
| Sep 2012   | 707                              | 790                                  | 76                              | 1488                                   | 0                                  | 1488                              | 3673.10                               | 18528                            | 20271                           | 1488                           |
| WY 2012    | 18046                            | 17609                                | 564                             | 16426                                  | 0                                  | 16426                             |                                       |                                  |                                 | 16426                          |
| Oct 2012   | 737                              | 834                                  | 51                              | 1537                                   | 0                                  | 1537                              | 3668.06                               | 18472                            | 19572                           | 1537                           |
| Nov 2012   | 652                              | 759                                  | 48                              | 1488                                   | 0                                  | 1488                              | 3662.73                               | 18414                            | 18853                           | 1488                           |
| Dec 2012   | 475                              | 678                                  | 37                              | 1537                                   | 0                                  | 1537                              | 3656.38                               | 18348                            | 18023                           | 1537                           |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Hoover Dam - Lake Mead

10-Jan-2011 12:30:06

|            | Glen<br>Release<br>1000<br>Ac-Ft | Side<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>CFS | SNWP<br>Use<br>1000<br>Ac-Ft | Dwnstrm<br>Reqmnts<br>1000<br>Ac-Ft | Bank<br>Storage<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft |
|------------|----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|------------------------------|-------------------------------------|----------------------------------|---------------------------------------|---------------------------------|
| * Jan 2010 | 900                              | 124                             | 32                              | 634                               | 10.3                            | 6                            | 578                                 | 747                              | 1100.02                               | 11493                           |
| H Feb 2010 | 631                              | 112                             | 30                              | 400                               | 7.2                             | 6                            | 399                                 | 766                              | 1103.21                               | 11780                           |
| I Mar 2010 | 602                              | 87                              | 33                              | 889                               | 14.5                            | 12                           | 868                                 | 751                              | 1100.66                               | 11550                           |
| S Apr 2010 | 602                              | 138                             | 41                              | 933                               | 15.7                            | 19                           | 856                                 | 735                              | 1098.00                               | 11313                           |
| T May 2010 | 601                              | 87                              | 47                              | 961                               | 15.6                            | 28                           | 933                                 | 714                              | 1094.30                               | 10987                           |
| O Jun 2010 | 601                              | 30                              | 55                              | 1007                              | 16.9                            | 27                           | 1006                                | 686                              | 1089.30                               | 10556                           |
| R Jul 2010 | 802                              | 29                              | 68                              | 941                               | 15.3                            | 33                           | 937                                 | 673                              | 1086.97                               | 10357                           |
| I Aug 2010 | 802                              | 126                             | 72                              | 829                               | 13.5                            | 33                           | 823                                 | 673                              | 1086.91                               | 10352                           |
| C Sep 2010 | 480                              | 82                              | 59                              | 758                               | 12.7                            | 23                           | 755                                 | 656                              | 1083.81                               | 10092                           |
| WY 2010    | 8235                             | 928                             | 564                             | 9260                              |                                 | 235                          | 9039                                |                                  |                                       |                                 |
| A Oct 2010 | 495                              | 80                              | 42                              | 638                               | 10.4                            | 24                           | 607                                 | 648                              | 1082.36                               | 9971                            |
| L Nov 2010 | 810                              | 13                              | 42                              | 800                               | 13.4                            | 18                           | 795                                 | 646                              | 1081.94                               | 9936                            |
| * Dec 2010 | 847                              | 249                             | 37                              | 660                               | 10.7                            | 10                           | 631                                 | 670                              | 1086.30                               | 10301                           |
| Jan 2011   | 1000                             | 287                             | 31                              | 516                               | 8.4                             | 20                           | 516                                 | 714                              | 1094.19                               | 10978                           |
| Feb 2011   | 981                              | 254                             | 29                              | 599                               | 10.8                            | 18                           | 599                                 | 749                              | 1100.44                               | 11530                           |
| Mar 2011   | 995                              | 162                             | 33                              | 1021                              | 16.6                            | 24                           | 1021                                | 754                              | 1101.25                               | 11603                           |
| Apr 2011   | 947                              | 141                             | 41                              | 1141                              | 19.2                            | 20                           | 1141                                | 747                              | 1100.06                               | 11496                           |
| May 2011   | 1448                             | 151                             | 48                              | 1032                              | 16.8                            | 31                           | 1032                                | 777                              | 1105.12                               | 11955                           |
| Jun 2011   | 1402                             | 51                              | 59                              | 961                               | 16.1                            | 26                           | 961                                 | 802                              | 1109.26                               | 12336                           |
| Jul 2011   | 1448                             | 77                              | 75                              | 901                               | 14.6                            | 28                           | 901                                 | 834                              | 1114.44                               | 12825                           |
| Aug 2011   | 1448                             | 132                             | 82                              | 789                               | 12.8                            | 31                           | 789                                 | 875                              | 1121.06                               | 13462                           |
| Sep 2011   | 935                              | 84                              | 69                              | 612                               | 10.3                            | 22                           | 612                                 | 894                              | 1124.07                               | 13758                           |
| WY 2011    | 12756                            | 1679                            | 590                             | 9669                              |                                 | 272                          | 9603                                |                                  |                                       |                                 |
| Oct 2011   | 966                              | 56                              | 51                              | 473                               | 7.7                             | 26                           | 473                                 | 923                              | 1128.50                               | 14202                           |
| Nov 2011   | 1488                             | 67                              | 52                              | 660                               | 11.1                            | 25                           | 660                                 | 973                              | 1135.97                               | 14969                           |
| Dec 2011   | 1537                             | 62                              | 47                              | 546                               | 8.9                             | 21                           | 546                                 | 1033                             | 1144.69                               | 15894                           |
| Jan 2012   | 1537                             | 88                              | 40                              | 684                               | 11.1                            | 20                           | 684                                 | 1087                             | 1152.18                               | 16723                           |
| Feb 2012   | 1140                             | 147                             | 38                              | 669                               | 11.6                            | 21                           | 669                                 | 1121                             | 1156.74                               | 17247                           |
| Mar 2012   | 1000                             | 116                             | 43                              | 1004                              | 16.3                            | 28                           | 1004                                | 1124                             | 1157.08                               | 17286                           |
| Apr 2012   | 1171                             | 60                              | 54                              | 1139                              | 19.1                            | 22                           | 1139                                | 1125                             | 1157.21                               | 17301                           |
| May 2012   | 1537                             | 63                              | 63                              | 985                               | 16.0                            | 32                           | 985                                 | 1156                             | 1161.35                               | 17790                           |
| Jun 2012   | 1488                             | 44                              | 78                              | 841                               | 14.1                            | 29                           | 841                                 | 1192                             | 1165.87                               | 18338                           |
| Jul 2012   | 1537                             | 67                              | 99                              | 888                               | 14.4                            | 31                           | 888                                 | 1228                             | 1170.29                               | 18888                           |
| Aug 2012   | 1537                             | 124                             | 108                             | 811                               | 13.2                            | 32                           | 811                                 | 1271                             | 1175.51                               | 19554                           |
| Sep 2012   | 1488                             | 77                              | 92                              | 681                               | 11.4                            | 27                           | 681                                 | 1318                             | 1180.99                               | 20272                           |
| WY 2012    | 16426                            | 972                             | 765                             | 9381                              |                                 | 316                          | 9381                                |                                  |                                       |                                 |
| Oct 2012   | 1537                             | 55                              | 69                              | 465                               | 7.6                             | 39                           | 465                                 | 1380                             | 1188.06                               | 21229                           |
| Nov 2012   | 1488                             | 54                              | 71                              | 575                               | 9.7                             | 28                           | 575                                 | 1433                             | 1193.90                               | 22043                           |
| Dec 2012   | 1537                             | 57                              | 63                              | 557                               | 9.1                             | 22                           | 557                                 | 1491                             | 1200.14                               | 22937                           |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Davis Dam - Lake Mohave

10-Jan-2011 12:30:06

|            | Hoover<br>Release<br>1000<br>Ac-Ft | Side<br>inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>Ac-Ft | Spill<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>CFS | Reservoir<br>Elevation<br>EOM<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft |
|------------|------------------------------------|---------------------------------|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------------|---------------------------------|
| * Jan 2010 | 634                                | -15                             | 10                              | 456                               | 0                                 | 456                               | 7.4                             | 644.34                                | 1736                            |
| H Feb 2010 | 400                                | -4                              | 10                              | 442                               | 0                                 | 442                               | 8.0                             | 642.31                                | 1680                            |
| I Mar 2010 | 889                                | -18                             | 13                              | 862                               | 0                                 | 862                               | 14.0                            | 642.17                                | 1676                            |
| S Apr 2010 | 933                                | -17                             | 17                              | 878                               | 0                                 | 878                               | 14.8                            | 642.94                                | 1697                            |
| T May 2010 | 961                                | -19                             | 22                              | 937                               | 0                                 | 937                               | 15.2                            | 642.30                                | 1680                            |
| O Jun 2010 | 1007                               | -23                             | 25                              | 912                               | 0                                 | 912                               | 15.3                            | 643.98                                | 1726                            |
| R Jul 2010 | 941                                | -14                             | 26                              | 913                               | 0                                 | 913                               | 14.8                            | 643.57                                | 1714                            |
| I Aug 2010 | 829                                | -12                             | 23                              | 838                               | 0                                 | 838                               | 13.6                            | 641.95                                | 1670                            |
| C Sep 2010 | 758                                | -2                              | 18                              | 833                               | 0                                 | 833                               | 14.0                            | 638.40                                | 1575                            |
| WY 2010    | 9260                               | -172                            | 197                             | 8816                              | 0                                 | 8816                              |                                 |                                       |                                 |
| A Oct 2010 | 638                                | 6                               | 15                              | 766                               | 0                                 | 766                               | 12.5                            | 633.10                                | 1437                            |
| L Nov 2010 | 800                                | -29                             | 10                              | 631                               | 0                                 | 631                               | 10.6                            | 638.09                                | 1567                            |
| * Dec 2010 | 660                                | -15                             | 9                               | 553                               | 0                                 | 553                               | 9.0                             | 641.21                                | 1650                            |
| Jan 2011   | 516                                | -13                             | 10                              | 471                               | 0                                 | 471                               | 7.7                             | 642.00                                | 1671                            |
| Feb 2011   | 599                                | -5                              | 10                              | 585                               | 0                                 | 585                               | 10.5                            | 642.00                                | 1671                            |
| Mar 2011   | 1021                               | -14                             | 13                              | 966                               | 0                                 | 966                               | 15.7                            | 643.05                                | 1700                            |
| Apr 2011   | 1141                               | -15                             | 17                              | 1110                              | 0                                 | 1110                              | 18.7                            | 643.00                                | 1699                            |
| May 2011   | 1032                               | -10                             | 22                              | 1000                              | 0                                 | 1000                              | 16.3                            | 643.00                                | 1699                            |
| Jun 2011   | 961                                | -2                              | 25                              | 960                               | 0                                 | 960                               | 16.1                            | 642.00                                | 1671                            |
| Jul 2011   | 901                                | 3                               | 25                              | 892                               | 0                                 | 892                               | 14.5                            | 641.50                                | 1658                            |
| Aug 2011   | 789                                | -3                              | 23                              | 763                               | 0                                 | 763                               | 12.4                            | 641.50                                | 1658                            |
| Sep 2011   | 612                                | 1                               | 18                              | 688                               | 0                                 | 688                               | 11.6                            | 638.00                                | 1564                            |
| WY 2011    | 9669                               | -96                             | 197                             | 9386                              | 0                                 | 9386                              |                                 |                                       |                                 |
| Oct 2011   | 473                                | 5                               | 15                              | 593                               | 0                                 | 593                               | 9.6                             | 633.00                                | 1434                            |
| Nov 2011   | 660                                | -9                              | 10                              | 589                               | 0                                 | 589                               | 9.9                             | 635.00                                | 1486                            |
| Dec 2011   | 546                                | -12                             | 9                               | 428                               | 0                                 | 428                               | 7.0                             | 638.71                                | 1583                            |
| Jan 2012   | 684                                | -13                             | 10                              | 577                               | 0                                 | 577                               | 9.4                             | 641.80                                | 1666                            |
| Feb 2012   | 669                                | -5                              | 10                              | 655                               | 0                                 | 655                               | 11.4                            | 641.80                                | 1666                            |
| Mar 2012   | 1004                               | -14                             | 13                              | 943                               | 0                                 | 943                               | 15.3                            | 643.05                                | 1700                            |
| Apr 2012   | 1139                               | -15                             | 17                              | 1108                              | 0                                 | 1108                              | 18.6                            | 643.00                                | 1699                            |
| May 2012   | 985                                | -10                             | 22                              | 953                               | 0                                 | 953                               | 15.5                            | 643.00                                | 1699                            |
| Jun 2012   | 841                                | -2                              | 25                              | 841                               | 0                                 | 841                               | 14.1                            | 642.00                                | 1671                            |
| Jul 2012   | 888                                | 3                               | 25                              | 880                               | 0                                 | 880                               | 14.3                            | 641.50                                | 1658                            |
| Aug 2012   | 811                                | -3                              | 23                              | 785                               | 0                                 | 785                               | 12.8                            | 641.50                                | 1658                            |
| Sep 2012   | 681                                | 1                               | 18                              | 758                               | 0                                 | 758                               | 12.7                            | 638.00                                | 1564                            |
| WY 2012    | 9381                               | -73                             | 197                             | 9110                              | 0                                 | 9110                              |                                 |                                       |                                 |
| Oct 2012   | 465                                | 5                               | 15                              | 585                               | 0                                 | 585                               | 9.5                             | 633.00                                | 1434                            |
| Nov 2012   | 575                                | -9                              | 10                              | 504                               | 0                                 | 504                               | 8.5                             | 635.00                                | 1486                            |
| Dec 2012   | 557                                | -12                             | 9                               | 439                               | 0                                 | 439                               | 7.1                             | 638.71                                | 1583                            |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Parker Dam - Lake Havasu

10-Jan-2011 12:30:06

|            | Davis<br>Release<br>1000<br>Ac-Ft | Side<br>Inflow<br>1000<br>Ac-Ft | Evap<br>Losses<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>Ac-Ft | Total<br>Release<br>1000<br>CFS | MWD<br>Diversion<br>1000<br>Ac-Ft | CAP<br>diversion<br>1000<br>Ac-Ft | Reservoir<br>Elevation<br>EOM<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft | Flow_to<br>Mexico<br>1000<br>Ac-Ft | Flow_to<br>Mexico<br>1000<br>CFS |
|------------|-----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|---------------------------------|------------------------------------|----------------------------------|
| * Jan 2010 | 456                               | 41                              | 6                               | 233                               | 3.8                             | 99                                | 126                               | 448.89                                | 597                             | 174                                | 2.8                              |
| H Feb 2010 | 442                               | 10                              | 8                               | 331                               | 6.0                             | 66                                | 91                                | 446.29                                | 548                             | 141                                | 2.5                              |
| I Mar 2010 | 862                               | 55                              | 9                               | 668                               | 10.9                            | 90                                | 128                               | 447.15                                | 564                             | 233                                | 3.8                              |
| S Apr 2010 | 878                               | 34                              | 11                              | 670                               | 11.3                            | 43                                | 153                               | 448.61                                | 592                             | 210                                | 3.5                              |
| T May 2010 | 937                               | 24                              | 13                              | 662                               | 10.8                            | 102                               | 172                               | 448.83                                | 596                             | 114                                | 1.9                              |
| O Jun 2010 | 912                               | 23                              | 16                              | 650                               | 10.9                            | 91                                | 171                               | 448.64                                | 592                             | 113                                | 1.9                              |
| R Jul 2010 | 913                               | 17                              | 17                              | 743                               | 12.1                            | 107                               | 50                                | 448.61                                | 592                             | 126                                | 2.1                              |
| I Aug 2010 | 838                               | 21                              | 17                              | 646                               | 10.5                            | 108                               | 84                                | 448.20                                | 584                             | 101                                | 1.6                              |
| C Sep 2010 | 833                               | 17                              | 15                              | 583                               | 9.8                             | 98                                | 171                               | 446.95                                | 560                             | 93                                 | 1.6                              |
| WY 2010    | 8816                              | 318                             | 140                             | 6300                              |                                 | 1043                              | 1572                              |                                       |                                 | 1618                               |                                  |
| A Oct 2010 | 766                               | 25                              | 12                              | 465                               | 7.6                             | 102                               | 166                               | 449.14                                | 602                             | 106                                | 1.7                              |
| L Nov 2010 | 631                               | 38                              | 9                               | 428                               | 7.2                             | 98                                | 159                               | 447.59                                | 572                             | 114                                | 1.9                              |
| * Dec 2010 | 553                               | 34                              | 7                               | 290                               | 4.7                             | 93                                | 183                               | 448.10                                | 582                             | 147                                | 2.4                              |
| Jan 2011   | 471                               | 34                              | 6                               | 343                               | 5.6                             | 71                                | 101                               | 447.00                                | 561                             | 122                                | 2.0                              |
| Feb 2011   | 585                               | 40                              | 8                               | 448                               | 8.1                             | 18                                | 154                               | 446.50                                | 552                             | 153                                | 2.8                              |
| Mar 2011   | 966                               | 45                              | 9                               | 708                               | 11.5                            | 99                                | 184                               | 446.70                                | 555                             | 208                                | 3.4                              |
| Apr 2011   | 1110                              | 15                              | 11                              | 793                               | 13.3                            | 96                                | 178                               | 448.70                                | 593                             | 200                                | 3.4                              |
| May 2011   | 1000                              | 11                              | 13                              | 704                               | 11.5                            | 99                                | 184                               | 448.70                                | 593                             | 111                                | 1.8                              |
| Jun 2011   | 960                               | 7                               | 16                              | 675                               | 11.3                            | 96                                | 168                               | 448.70                                | 593                             | 112                                | 1.9                              |
| Jul 2011   | 892                               | 14                              | 17                              | 733                               | 11.9                            | 80                                | 75                                | 448.00                                | 580                             | 118                                | 1.9                              |
| Aug 2011   | 763                               | 20                              | 17                              | 618                               | 10.1                            | 71                                | 75                                | 447.50                                | 571                             | 92                                 | 1.5                              |
| Sep 2011   | 688                               | 13                              | 15                              | 526                               | 8.8                             | 70                                | 95                                | 446.81                                | 557                             | 89                                 | 1.5                              |
| WY 2011    | 9386                              | 293                             | 140                             | 6731                              |                                 | 993                               | 1719                              |                                       |                                 | 1573                               |                                  |
| Oct 2011   | 593                               | 20                              | 12                              | 438                               | 7.1                             | 71                                | 94                                | 446.31                                | 548                             | 72                                 | 1.2                              |
| Nov 2011   | 589                               | 22                              | 8                               | 372                               | 6.2                             | 70                                | 152                               | 446.50                                | 552                             | 105                                | 1.8                              |
| Dec 2011   | 428                               | 20                              | 6                               | 287                               | 4.7                             | 73                                | 77                                | 446.50                                | 552                             | 118                                | 1.9                              |
| Jan 2012   | 577                               | 34                              | 6                               | 347                               | 5.6                             | 88                                | 165                               | 446.50                                | 552                             | 122                                | 2.0                              |
| Feb 2012   | 655                               | 40                              | 8                               | 444                               | 7.7                             | 80                                | 156                               | 446.50                                | 552                             | 153                                | 2.7                              |
| Mar 2012   | 943                               | 45                              | 9                               | 704                               | 11.4                            | 88                                | 174                               | 446.70                                | 555                             | 208                                | 3.4                              |
| Apr 2012   | 1108                              | 15                              | 11                              | 813                               | 13.7                            | 86                                | 166                               | 448.70                                | 593                             | 200                                | 3.4                              |
| May 2012   | 953                               | 11                              | 13                              | 692                               | 11.3                            | 89                                | 159                               | 448.70                                | 593                             | 111                                | 1.8                              |
| Jun 2012   | 841                               | 7                               | 16                              | 641                               | 10.8                            | 86                                | 90                                | 448.70                                | 593                             | 112                                | 1.9                              |
| Jul 2012   | 880                               | 14                              | 17                              | 715                               | 11.6                            | 88                                | 72                                | 448.00                                | 580                             | 118                                | 1.9                              |
| Aug 2012   | 785                               | 20                              | 17                              | 628                               | 10.2                            | 88                                | 68                                | 447.50                                | 571                             | 92                                 | 1.5                              |
| Sep 2012   | 758                               | 13                              | 15                              | 548                               | 9.2                             | 64                                | 148                               | 446.81                                | 557                             | 89                                 | 1.5                              |
| WY 2012    | 9110                              | 260                             | 139                             | 6628                              |                                 | 973                               | 1520                              |                                       |                                 | 1500                               |                                  |
| Oct 2012   | 585                               | 20                              | 12                              | 455                               | 7.4                             | 27                                | 113                               | 446.31                                | 548                             | 72                                 | 1.2                              |
| Nov 2012   | 504                               | 22                              | 8                               | 371                               | 6.2                             | 26                                | 111                               | 446.50                                | 552                             | 105                                | 1.8                              |
| Dec 2012   | 439                               | 20                              | 6                               | 296                               | 4.8                             | 27                                | 125                               | 446.50                                | 552                             | 118                                | 1.9                              |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Hoover Dam - Lake Mead

10-Jan-2011 12:30:06

|            | Power<br>Release<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>CFS | EOM<br>Reservoir<br>Elevation<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft | Change_In<br>Storage<br>1000<br>Ac-Ft | Hoover<br>Static<br>Head<br>Feet | Hoover<br>Generator<br>Capacity<br>MW | Hoover<br>Gross<br>Energy<br>MKWH | Percent<br>Of<br>Units<br>Available | KWH/AF |
|------------|-----------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|----------------------------------|---------------------------------------|-----------------------------------|-------------------------------------|--------|
| * Jan 2010 | 634                               | 10.3                            | 1100.02                               | 11493                           | 330                                   | 452.24                           | 1050.0                                | 248.9                             | 63                                  | 392.4  |
| H Feb 2010 | 400                               | 7.2                             | 1103.21                               | 11780                           | 288                                   | 456.23                           | 1044.0                                | 152.7                             | 63                                  | 381.5  |
| I Mar 2010 | 889                               | 14.5                            | 1100.66                               | 11550                           | -230                                  | 452.57                           | 1272.0                                | 353.9                             | 75                                  | 398.0  |
| S Apr 2010 | 933                               | 15.7                            | 1098.00                               | 11313                           | -237                                  | 451.78                           | 1392.0                                | 370.4                             | 82                                  | 397.0  |
| T May 2010 | 961                               | 15.6                            | 1094.30                               | 10987                           | -326                                  | 449.26                           | 1371.0                                | 378.0                             | 82                                  | 393.4  |
| O Jun 2010 | 1007                              | 16.9                            | 1089.30                               | 10556                           | -431                                  | 442.32                           | 1556.0                                | 390.5                             | 94                                  | 387.7  |
| R Jul 2010 | 941                               | 15.3                            | 1086.97                               | 10357                           | -198                                  | 441.50                           | 1640.0                                | 360.3                             | 100                                 | 382.9  |
| I Aug 2010 | 829                               | 13.5                            | 1086.91                               | 10352                           | -5                                    | 443.45                           | 1617.0                                | 313.3                             | 100                                 | 378.0  |
| C Sep 2010 | 758                               | 12.7                            | 1083.81                               | 10092                           | -261                                  | 439.46                           | 1617.0                                | 285.1                             | 100                                 | 375.9  |
| WY 2010    | 9260                              |                                 |                                       |                                 |                                       |                                  |                                       | 3589.4                            |                                     |        |
| A Oct 2010 | 638                               | 10.4                            | 1082.36                               | 9971                            | -121                                  | 440.25                           | 1104.0                                | 241.3                             | 68                                  | 378.5  |
| L Nov 2010 | 800                               | 13.4                            | 1081.94                               | 9936                            | -35                                   | 437.87                           | 1185.0                                | 305.1                             | 74                                  | 381.4  |
| * Dec 2010 | 660                               | 10.7                            | 1086.30                               | 10301                           | 365                                   | 439.05                           | 1388.0                                | 246.5                             | 87                                  | 373.5  |
| Jan 2011   | 516                               | 8.4                             | 1094.19                               | 10978                           | 676                                   | 440.90                           | 1103.0                                | 204.8                             | 69                                  | 397.2  |
| Feb 2011   | 599                               | 10.8                            | 1100.44                               | 11530                           | 552                                   | 445.70                           | 1425.0                                | 235.7                             | 88                                  | 393.3  |
| Mar 2011   | 1021                              | 16.6                            | 1101.25                               | 11603                           | 73                                    | 449.47                           | 1325.0                                | 414.4                             | 82                                  | 405.8  |
| Apr 2011   | 1141                              | 19.2                            | 1100.06                               | 11496                           | -107                                  | 449.29                           | 1256.0                                | 473.6                             | 79                                  | 415.2  |
| May 2011   | 1032                              | 16.8                            | 1105.12                               | 11955                           | 458                                   | 448.93                           | 1573.0                                | 413.9                             | 100                                 | 401.1  |
| Jun 2011   | 961                               | 16.1                            | 1109.26                               | 12336                           | 382                                   | 453.82                           | 1561.0                                | 386.7                             | 100                                 | 402.6  |
| Jul 2011   | 901                               | 14.6                            | 1114.44                               | 12825                           | 488                                   | 458.94                           | 1555.0                                | 368.4                             | 100                                 | 408.9  |
| Aug 2011   | 789                               | 12.8                            | 1121.06                               | 13462                           | 637                                   | 464.97                           | 1562.0                                | 328.3                             | 100                                 | 416.0  |
| Sep 2011   | 612                               | 10.3                            | 1124.07                               | 13758                           | 296                                   | 470.90                           | 1549.0                                | 253.6                             | 100                                 | 414.5  |
| WY 2011    | 9669                              |                                 |                                       |                                 |                                       |                                  |                                       | 3872.3                            |                                     |        |
| Oct 2011   | 473                               | 7.7                             | 1128.50                               | 14202                           | 443                                   | 478.84                           | 1253.0                                | 197.6                             | 81                                  | 417.9  |
| Nov 2011   | 660                               | 11.1                            | 1135.97                               | 14969                           | 767                                   | 488.53                           | 964.0                                 | 286.1                             | 62                                  | 433.7  |
| Dec 2011   | 546                               | 8.9                             | 1144.69                               | 15894                           | 925                                   | 492.63                           | 1278.0                                | 230.8                             | 81                                  | 422.4  |
| Jan 2012   | 684                               | 11.1                            | 1152.18                               | 16723                           | 828                                   | 499.25                           | 1188.0                                | 298.9                             | 74                                  | 437.3  |
| Feb 2012   | 669                               | 11.6                            | 1156.74                               | 17247                           | 524                                   | 503.37                           | 1332.0                                | 295.4                             | 82                                  | 441.3  |
| Mar 2012   | 1004                              | 16.3                            | 1157.08                               | 17286                           | 39                                    | 505.51                           | 1314.0                                | 450.2                             | 81                                  | 448.6  |
| Apr 2012   | 1139                              | 19.1                            | 1157.21                               | 17301                           | 15                                    | 504.63                           | 1415.0                                | 520.1                             | 88                                  | 456.8  |
| May 2012   | 985                               | 16.0                            | 1161.35                               | 17790                           | 489                                   | 505.38                           | 1626.0                                | 434.4                             | 100                                 | 440.9  |
| Jun 2012   | 841                               | 14.1                            | 1165.87                               | 18338                           | 548                                   | 510.04                           | 1626.0                                | 382.6                             | 100                                 | 454.8  |
| Jul 2012   | 888                               | 14.4                            | 1170.29                               | 18888                           | 549                                   | 515.01                           | 1626.0                                | 408.3                             | 100                                 | 459.7  |
| Aug 2012   | 811                               | 13.2                            | 1175.51                               | 19554                           | 666                                   | 520.00                           | 1626.0                                | 371.2                             | 100                                 | 457.8  |
| Sep 2012   | 681                               | 11.4                            | 1180.99                               | 20272                           | 718                                   | 526.51                           | 1626.0                                | 308.3                             | 100                                 | 452.5  |
| WY 2012    | 9381                              |                                 |                                       |                                 |                                       |                                  |                                       | 4183.8                            |                                     |        |
| Oct 2012   | 465                               | 7.6                             | 1188.06                               | 21229                           | 957                                   | 537.08                           | 1315.3                                | 210.6                             | 81                                  | 453.2  |
| Nov 2012   | 575                               | 9.7                             | 1193.90                               | 22043                           | 815                                   | 547.33                           | 1004.8                                | 270.5                             | 62                                  | 470.8  |
| Dec 2012   | 557                               | 9.1                             | 1200.14                               | 22937                           | 893                                   | 549.42                           | 1312.7                                | 256.8                             | 81                                  | 460.7  |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Davis Dam - Lake Mohave

10-Jan-2011 12:30:06

|            | Power<br>Release<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>CFS | EOM<br>Reservoir<br>Elevation<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft | Change_In<br>Storage<br>1000<br>Ac-Ft | Davis<br>Static<br>Head<br>Feet | Davis<br>Generator<br>Capacity<br>MW | Davis<br>Gross<br>Energy<br>MKWH | Percent<br>Of<br>Units<br>Available | KWH/AF |
|------------|-----------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|---------------------------------|--------------------------------------|----------------------------------|-------------------------------------|--------|
| * Jan 2010 | 456                               | 7.4                             | 644.34                                | 1736                            | 153                                   | 144.98                          | 204.0                                | 57.9                             | 80                                  | 127.1  |
| H Feb 2010 | 442                               | 8.0                             | 642.31                                | 1680                            | -56                                   | 138.83                          | 216.8                                | 56.9                             | 85                                  | 128.6  |
| I Mar 2010 | 862                               | 14.0                            | 642.17                                | 1676                            | -4                                    | 138.67                          | 249.9                                | 109.8                            | 98                                  | 127.5  |
| S Apr 2010 | 878                               | 14.8                            | 642.94                                | 1697                            | 21                                    | 141.04                          | 255.0                                | 111.0                            | 100                                 | 126.4  |
| T May 2010 | 937                               | 15.2                            | 642.30                                | 1680                            | -17                                   | 140.64                          | 255.0                                | 118.5                            | 100                                 | 126.4  |
| O Jun 2010 | 912                               | 15.3                            | 643.98                                | 1726                            | 46                                    | 140.66                          | 255.0                                | 115.5                            | 100                                 | 126.6  |
| R Jul 2010 | 913                               | 14.8                            | 643.57                                | 1714                            | -11                                   | 141.98                          | 242.2                                | 115.3                            | 95                                  | 126.4  |
| I Aug 2010 | 838                               | 13.6                            | 641.95                                | 1670                            | -44                                   | 140.67                          | 255.0                                | 105.9                            | 100                                 | 126.4  |
| C Sep 2010 | 833                               | 14.0                            | 638.40                                | 1575                            | -95                                   | 137.24                          | 255.0                                | 102.6                            | 100                                 | 123.1  |
| WY 2010    | 8816                              |                                 |                                       |                                 |                                       |                                 |                                      | 1104.5                           |                                     |        |
| A Oct 2010 | 766                               | 12.5                            | 633.10                                | 1437                            | -138                                  | 129.52                          | 209.1                                | 92.1                             | 82                                  | 120.2  |
| L Nov 2010 | 631                               | 10.6                            | 638.09                                | 1567                            | 130                                   | 137.83                          | 153.0                                | 77.2                             | 60                                  | 122.5  |
| * Dec 2010 | 553                               | 9.0                             | 641.21                                | 1650                            | 84                                    | 141.87                          | 168.3                                | 67.8                             | 66                                  | 122.6  |
| Jan 2011   | 471                               | 7.7                             | 642.00                                | 1671                            | 21                                    | 137.66                          | 153.0                                | 59.7                             | 60                                  | 126.6  |
| Feb 2011   | 585                               | 10.5                            | 642.00                                | 1671                            | 0                                     | 137.97                          | 155.5                                | 73.6                             | 61                                  | 125.9  |
| Mar 2011   | 966                               | 15.7                            | 643.05                                | 1700                            | 29                                    | 136.89                          | 206.6                                | 120.4                            | 81                                  | 124.6  |
| Apr 2011   | 1110                              | 18.7                            | 643.00                                | 1699                            | -2                                    | 137.46                          | 204.0                                | 137.9                            | 80                                  | 124.2  |
| May 2011   | 1000                              | 16.3                            | 643.00                                | 1699                            | 0                                     | 136.04                          | 255.0                                | 124.9                            | 100                                 | 124.9  |
| Jun 2011   | 960                               | 16.1                            | 642.00                                | 1671                            | -27                                   | 135.51                          | 255.0                                | 119.5                            | 100                                 | 124.5  |
| Jul 2011   | 892                               | 14.5                            | 641.50                                | 1658                            | -14                                   | 134.73                          | 255.0                                | 110.9                            | 100                                 | 124.3  |
| Aug 2011   | 763                               | 12.4                            | 641.50                                | 1658                            | 0                                     | 134.46                          | 255.0                                | 95.2                             | 100                                 | 124.8  |
| Sep 2011   | 688                               | 11.6                            | 638.00                                | 1564                            | -94                                   | 132.62                          | 255.0                                | 85.0                             | 100                                 | 123.5  |
| WY 2011    | 9386                              |                                 |                                       |                                 |                                       |                                 |                                      | 1164.2                           |                                     |        |
| Oct 2011   | 593                               | 9.6                             | 633.00                                | 1434                            | -130                                  | 128.65                          | 237.2                                | 71.4                             | 93                                  | 120.4  |
| Nov 2011   | 589                               | 9.9                             | 635.00                                | 1486                            | 51                                    | 127.14                          | 234.6                                | 70.1                             | 92                                  | 118.9  |
| Dec 2011   | 428                               | 7.0                             | 638.71                                | 1583                            | 97                                    | 130.00                          | 239.7                                | 52.5                             | 94                                  | 122.6  |
| Jan 2012   | 577                               | 9.4                             | 641.80                                | 1666                            | 83                                    | 134.16                          | 219.3                                | 72.0                             | 86                                  | 124.7  |
| Feb 2012   | 655                               | 11.4                            | 641.80                                | 1666                            | 0                                     | 135.05                          | 244.8                                | 82.1                             | 96                                  | 125.4  |
| Mar 2012   | 943                               | 15.3                            | 643.05                                | 1700                            | 34                                    | 135.44                          | 255.0                                | 117.5                            | 100                                 | 124.7  |
| Apr 2012   | 1108                              | 18.6                            | 643.00                                | 1699                            | -2                                    | 136.07                          | 255.0                                | 137.7                            | 100                                 | 124.2  |
| May 2012   | 953                               | 15.5                            | 643.00                                | 1699                            | 0                                     | 136.04                          | 255.0                                | 119.3                            | 100                                 | 125.1  |
| Jun 2012   | 841                               | 14.1                            | 642.00                                | 1671                            | -27                                   | 135.51                          | 255.0                                | 105.2                            | 100                                 | 125.1  |
| Jul 2012   | 880                               | 14.3                            | 641.50                                | 1658                            | -14                                   | 134.73                          | 255.0                                | 109.4                            | 100                                 | 124.4  |
| Aug 2012   | 785                               | 12.8                            | 641.50                                | 1658                            | 0                                     | 134.46                          | 255.0                                | 97.9                             | 100                                 | 124.7  |
| Sep 2012   | 758                               | 12.7                            | 638.00                                | 1564                            | -94                                   | 132.62                          | 255.0                                | 93.3                             | 100                                 | 123.1  |
| WY 2012    | 9110                              |                                 |                                       |                                 |                                       |                                 |                                      | 1128.3                           |                                     |        |
| Oct 2012   | 585                               | 9.5                             | 633.00                                | 1434                            | -130                                  | 128.65                          | 237.2                                | 70.5                             | 93                                  | 120.4  |
| Nov 2012   | 504                               | 8.5                             | 635.00                                | 1486                            | 51                                    | 127.14                          | 234.6                                | 60.2                             | 92                                  | 119.5  |
| Dec 2012   | 439                               | 7.1                             | 638.71                                | 1583                            | 97                                    | 130.00                          | 239.7                                | 53.8                             | 94                                  | 122.6  |

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Prob Max Water Supply  
Parker Dam - Lake Havasu

10-Jan-2011 12:30:06

|            | Power<br>Release<br>1000<br>Ac-Ft | Power<br>Release<br>1000<br>CFS | EOM<br>Reservoir<br>Elevation<br>Feet | EOM<br>Storage<br>1000<br>Ac-Ft | Change_In<br>Storage<br>1000<br>Ac-Ft | Parker<br>Static<br>Head<br>Feet | Parker<br>Generator<br>Capacity<br>MW | Parker<br>Gross<br>Energy<br>MKWH | Percent<br>Of<br>Units<br>Available | KWH/AF |
|------------|-----------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------------|----------------------------------|---------------------------------------|-----------------------------------|-------------------------------------|--------|
| * Jan 2010 | 233                               | 3.8                             | 448.89                                | 597                             | 29                                    | 82.98                            | 66.0                                  | 15.6                              | 55                                  | 66.8   |
| H Feb 2010 | 331                               | 6.0                             | 446.29                                | 548                             | -49                                   | 78.17                            | 90.0                                  | 22.8                              | 75                                  | 68.8   |
| I Mar 2010 | 668                               | 10.9                            | 447.15                                | 564                             | 16                                    | 81.28                            | 90.0                                  | 45.4                              | 75                                  | 67.9   |
| S Apr 2010 | 670                               | 11.3                            | 448.61                                | 592                             | 28                                    | 81.42                            | 90.0                                  | 46.8                              | 75                                  | 69.8   |
| T May 2010 | 662                               | 10.8                            | 448.83                                | 596                             | 4                                     | 81.45                            | 115.2                                 | 46.0                              | 96                                  | 69.6   |
| O Jun 2010 | 650                               | 10.9                            | 448.64                                | 592                             | -4                                    | 80.58                            | 120.0                                 | 46.4                              | 100                                 | 71.3   |
| R Jul 2010 | 743                               | 12.1                            | 448.61                                | 592                             | -1                                    | 82.51                            | 120.0                                 | 50.9                              | 100                                 | 68.4   |
| I Aug 2010 | 646                               | 10.5                            | 448.20                                | 584                             | -8                                    | 81.98                            | 120.0                                 | 44.7                              | 100                                 | 69.2   |
| C Sep 2010 | 583                               | 9.8                             | 446.95                                | 560                             | -24                                   | 80.89                            | 103.2                                 | 41.6                              | 86                                  | 71.4   |
| WY 2010    | 6298                              |                                 |                                       |                                 |                                       |                                  |                                       | 436.8                             |                                     |        |
| A Oct 2010 | 465                               | 7.6                             | 449.14                                | 602                             | 42                                    | 82.79                            | 90.0                                  | 31.4                              | 75                                  | 67.4   |
| L Nov 2010 | 428                               | 7.2                             | 447.59                                | 572                             | -30                                   | 79.41                            | 91.2                                  | 30.4                              | 76                                  | 71.1   |
| * Dec 2010 | 290                               | 4.7                             | 448.10                                | 582                             | 10                                    | 82.60                            | 104.4                                 | 19.7                              | 87                                  | 67.9   |
| Jan 2011   | 343                               | 5.6                             | 447.00                                | 561                             | -21                                   | 76.09                            | 94.8                                  | 22.2                              | 79                                  | 64.6   |
| Feb 2011   | 448                               | 8.1                             | 446.50                                | 552                             | -9                                    | 74.96                            | 102.0                                 | 29.1                              | 85                                  | 65.0   |
| Mar 2011   | 708                               | 11.5                            | 446.70                                | 555                             | 4                                     | 74.01                            | 120.0                                 | 46.0                              | 100                                 | 64.9   |
| Apr 2011   | 793                               | 13.3                            | 448.70                                | 593                             | 38                                    | 75.08                            | 120.0                                 | 52.4                              | 100                                 | 66.0   |
| May 2011   | 704                               | 11.5                            | 448.70                                | 593                             | 0                                     | 76.05                            | 120.0                                 | 46.8                              | 100                                 | 66.5   |
| Jun 2011   | 675                               | 11.3                            | 448.70                                | 593                             | 0                                     | 76.05                            | 120.0                                 | 44.8                              | 100                                 | 66.5   |
| Jul 2011   | 733                               | 11.9                            | 448.00                                | 580                             | -13                                   | 75.71                            | 120.0                                 | 48.6                              | 100                                 | 66.3   |
| Aug 2011   | 618                               | 10.1                            | 447.50                                | 571                             | -10                                   | 75.13                            | 120.0                                 | 40.5                              | 100                                 | 65.5   |
| Sep 2011   | 526                               | 8.8                             | 446.81                                | 557                             | -13                                   | 74.55                            | 120.0                                 | 34.1                              | 100                                 | 64.8   |
| WY 2011    | 6731                              |                                 |                                       |                                 |                                       |                                  |                                       | 445.9                             |                                     |        |
| Oct 2011   | 438                               | 7.1                             | 446.31                                | 548                             | -9                                    | 74.77                            | 102.0                                 | 28.3                              | 85                                  | 64.5   |
| Nov 2011   | 372                               | 6.2                             | 446.50                                | 552                             | 3                                     | 74.62                            | 102.0                                 | 23.8                              | 85                                  | 64.0   |
| Dec 2011   | 287                               | 4.7                             | 446.50                                | 552                             | 0                                     | 74.71                            | 102.0                                 | 18.0                              | 85                                  | 62.9   |
| Jan 2012   | 347                               | 5.6                             | 446.50                                | 552                             | 0                                     | 74.71                            | 102.0                                 | 22.1                              | 85                                  | 63.7   |
| Feb 2012   | 444                               | 7.7                             | 446.50                                | 552                             | 0                                     | 73.92                            | 120.0                                 | 28.5                              | 100                                 | 64.0   |
| Mar 2012   | 704                               | 11.4                            | 446.70                                | 555                             | 4                                     | 74.01                            | 120.0                                 | 45.7                              | 100                                 | 64.9   |
| Apr 2012   | 813                               | 13.7                            | 448.70                                | 593                             | 38                                    | 75.08                            | 120.0                                 | 53.7                              | 100                                 | 66.1   |
| May 2012   | 692                               | 11.3                            | 448.70                                | 593                             | 0                                     | 76.05                            | 120.0                                 | 46.0                              | 100                                 | 66.4   |
| Jun 2012   | 641                               | 10.8                            | 448.70                                | 593                             | 0                                     | 76.05                            | 120.0                                 | 42.5                              | 100                                 | 66.4   |
| Jul 2012   | 715                               | 11.6                            | 448.00                                | 580                             | -13                                   | 75.71                            | 120.0                                 | 47.3                              | 100                                 | 66.3   |
| Aug 2012   | 628                               | 10.2                            | 447.50                                | 571                             | -10                                   | 75.13                            | 120.0                                 | 41.2                              | 100                                 | 65.6   |
| Sep 2012   | 548                               | 9.2                             | 446.81                                | 557                             | -13                                   | 74.55                            | 120.0                                 | 35.6                              | 100                                 | 64.9   |
| WY 2012    | 6628                              |                                 |                                       |                                 |                                       |                                  |                                       | 432.7                             |                                     |        |
| Oct 2012   | 455                               | 7.4                             | 446.31                                | 548                             | -9                                    | 74.77                            | 102.0                                 | 29.4                              | 85                                  | 64.7   |
| Nov 2012   | 371                               | 6.2                             | 446.50                                | 552                             | 3                                     | 74.62                            | 102.0                                 | 23.7                              | 85                                  | 64.0   |
| Dec 2012   | 296                               | 4.8                             | 446.50                                | 552                             | 0                                     | 74.71                            | 102.0                                 | 18.7                              | 85                                  | 63.1   |

# OPERATION PLAN FOR COLORADO RIVER SYSTYM RESERVOIRS

Bureau of Reclamation - CRFS 1/2011 Most Prob Water Supply  
Upper Basin Power

10-Jan-2011 12:30:06

|             | Glen<br>Canyon<br>1000<br>MWHR | Flam<br>Gorge<br>1000<br>MWHR | Blue<br>Mesa<br>1000<br>MWHR | Morrow<br>Point<br>1000<br>MWHR | Crystal<br>Res<br>1000<br>MWHR | Font<br>Res<br>1000<br>MWHR |
|-------------|--------------------------------|-------------------------------|------------------------------|---------------------------------|--------------------------------|-----------------------------|
| * Jan 2010  | 401                            | 43                            | 12                           | 16                              | 8                              | 3                           |
| H Feb 2010  | 279                            | 34                            | 11                           | 14                              | 4                              | 3                           |
| I Mar 2010  | 269                            | 23                            | 9                            | 11                              | 6                              | 3                           |
| Winter 2010 | 1945                           | 228                           | 77                           | 95                              | 46                             | 13                          |
| S Apr 2010  | 265                            | 19                            | 13                           | 19                              | 13                             | 3                           |
| T May 2010  | 267                            | 39                            | 31                           | 45                              | 21                             | 3                           |
| O Jun 2010  | 272                            | 54                            | 15                           | 22                              | 18                             | 4                           |
| R Jul 2010  | 368                            | 38                            | 30                           | 34                              | 20                             | 8                           |
| I Aug 2010  | 366                            | 40                            | 27                           | 33                              | 19                             | 6                           |
| C Sep 2010  | 217                            | 42                            | 25                           | 32                              | 19                             | 2                           |
| Summer 2010 | 1755                           | 231                           | 142                          | 186                             | 109                            | 25                          |
| A Oct 2010  | 226                            | 30                            | 24                           | 29                              | 16                             | 0                           |
| L Nov 2010  | 369                            | 24                            | 7                            | 9                               | 4                              | 4                           |
| * Dec 2010  | 382                            | 26                            | 8                            | 9                               | 4                              | 4                           |
| Jan 2011    | 415                            | 25                            | 17                           | 21                              | 11                             | 4                           |
| Feb 2011    | 403                            | 37                            | 22                           | 29                              | 15                             | 4                           |
| Mar 2011    | 408                            | 58                            | 35                           | 46                              | 23                             | 7                           |
| Winter 2011 | 2203                           | 200                           | 112                          | 143                             | 73                             | 23                          |
| Apr 2011    | 391                            | 56                            | 50                           | 84                              | 22                             | 6                           |
| May 2011    | 610                            | 80                            | 53                           | 105                             | 23                             | 6                           |
| Jun 2011    | 613                            | 104                           | 48                           | 70                              | 22                             | 8                           |
| Jul 2011    | 651                            | 103                           | 61                           | 74                              | 23                             | 10                          |
| Aug 2011    | 654                            | 58                            | 37                           | 44                              | 23                             | 10                          |
| Sep 2011    | 421                            | 56                            | 36                           | 44                              | 22                             | 3                           |
| Summer 2011 | 3340                           | 457                           | 285                          | 421                             | 137                            | 43                          |
| Oct 2011    | 434                            | 58                            | 29                           | 35                              | 18                             | 8                           |
| Nov 2011    | 665                            | 56                            | 20                           | 24                              | 13                             | 8                           |
| Dec 2011    | 680                            | 57                            | 30                           | 37                              | 19                             | 8                           |
| Jan 2012    | 673                            | 57                            | 29                           | 37                              | 19                             | 7                           |
| Feb 2012    | 494                            | 53                            | 25                           | 34                              | 17                             | 6                           |
| Mar 2012    | 432                            | 57                            | 33                           | 45                              | 23                             | 6                           |
| Winter 2012 | 3380                           | 338                           | 166                          | 213                             | 109                            | 43                          |
| Apr 2012    | 508                            | 55                            | 26                           | 40                              | 22                             | 6                           |
| May 2012    | 674                            | 67                            | 54                           | 89                              | 23                             | 7                           |
| Jun 2012    | 669                            | 104                           | 42                           | 65                              | 22                             | 9                           |
| Jul 2012    | 705                            | 68                            | 39                           | 50                              | 23                             | 10                          |
| Aug 2012    | 705                            | 48                            | 36                           | 43                              | 23                             | 10                          |
| Sep 2012    | 677                            | 46                            | 35                           | 42                              | 22                             | 7                           |
| Summer 2012 | 3938                           | 388                           | 232                          | 330                             | 136                            | 48                          |
| Oct 2012    | 693                            | 48                            | 28                           | 34                              | 18                             | 7                           |
| Nov 2012    | 665                            | 46                            | 19                           | 24                              | 12                             | 7                           |
| Dec 2012    | 680                            | 48                            | 33                           | 40                              | 20                             | 7                           |

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FLOOD CONTROL CRITERIA  
BEGINNING OF MONTH CONDITIONS

| MON                                   | YEAR | FLAMING<br>GORGE<br>KAF | BLUE<br>MESA<br>KAF | NAVAJO<br>KAF | LAKE<br>POWELL<br>KAF | UPPER<br>BASIN<br>TOTAL<br>KAF | LAKE<br>MEAD<br>KAF | TOTAL<br>KAF | FLAMING<br>GORGE<br>KAF | BLUE<br>MESA<br>KAF                   | NAVAJO<br>KAF | TOT OR<br>MAX<br>ALLOW<br>KAF | LAKE<br>POWELL<br>KAF | LAKE<br>MEAD<br>KAF | TOTAL<br>KAF | BOM<br>SPACE<br>REQD<br>KAF | MEAD<br>SCHED<br>REL<br>KAF | MEAD<br>FC<br>REL<br>KAF | SYS<br>CONT<br>MAF |
|---------------------------------------|------|-------------------------|---------------------|---------------|-----------------------|--------------------------------|---------------------|--------------|-------------------------|---------------------------------------|---------------|-------------------------------|-----------------------|---------------------|--------------|-----------------------------|-----------------------------|--------------------------|--------------------|
| *** P R E D I C T E D S P A C E ***   |      |                         |                     |               |                       |                                |                     |              |                         | *** C R E D I T A B L E S P A C E *** |               |                               |                       |                     |              |                             |                             |                          |                    |
| JAN                                   | 2011 | 772                     | 272                 | 334           | 9853                  | 11232                          | 17076               | 28308        | 772                     | 272                                   | 334           | 1379                          | 9853                  | 17076               | 28308        | 5350                        | 516                         | 0                        | 32.5               |
| *** E F F E C T I V E S P A C E ***   |      |                         |                     |               |                       |                                |                     |              |                         | *** C R E D I T A B L E S P A C E *** |               |                               |                       |                     |              |                             |                             |                          |                    |
| JAN                                   | 2011 | 772                     | 272                 | 334           | 9853                  | 11232                          | 17076               | 28308        | 512                     | 197                                   | 195           | 903                           | 9853                  | 17076               | 27832        | 5350                        | 516                         | 0                        | 32.5               |
| FEB                                   | 2011 | 804                     | 303                 | 352           | 10366                 | 11825                          | 16399               | 28224        | 542                     | 230                                   | 212           | 983                           | 10366                 | 16399               | 27748        | 1500                        | 599                         | 0                        | 32.5               |
| MAR                                   | 2011 | 866                     | 356                 | 353           | 10824                 | 12399                          | 15847               | 28246        | 603                     | 285                                   | 212           | 1100                          | 10824                 | 15847               | 27771        | 1500                        | 1021                        | 0                        | 32.3               |
| APR                                   | 2011 | 950                     | 429                 | 514           | 10837                 | 12730                          | 15774               | 28503        | 685                     | 375                                   | 367           | 1427                          | 10837                 | 15774               | 28037        | 1500                        | 1141                        | 0                        | 32.8               |
| MAY                                   | 2011 | 887                     | 509                 | 506           | 10149                 | 12051                          | 15881               | 27931        | 614                     | 481                                   | 340           | 1436                          | 10149                 | 15881               | 27465        | 1500                        | 1032                        | 0                        | 35.6               |
| JUN                                   | 2011 | 673                     | 372                 | 414           | 8284                  | 9743                           | 15422               | 25166        | 384                     | 361                                   | 217           | 962                           | 8284                  | 15422               | 24669        | 1500                        | 961                         | 0                        | 39.5               |
| JUL                                   | 2011 | 446                     | 70                  | 346           | 5317                  | 6179                           | 15041               | 21219        | 142                     | 46                                    | 101           | 289                           | 5317                  | 15041               | 20646        | 1500                        | 901                         | 0                        | 41.4               |
| *** C R E D I T A B L E S P A C E *** |      |                         |                     |               |                       |                                |                     |              |                         | *** E F F E C T I V E S P A C E ***   |               |                               |                       |                     |              |                             |                             |                          |                    |
| AUG                                   | 2011 | 324                     | 27                  | 295           | 4155                  | 4801                           | 14552               | 19354        | 324                     | 27                                    | 295           | 646                           | 4155                  | 14552               | 19354        | 1500                        | 789                         | 0                        | 41.6               |
| SEP                                   | 2011 | 321                     | 40                  | 285           | 4528                  | 5174                           | 13915               | 19089        | 321                     | 40                                    | 285           | 646                           | 4528                  | 13915               | 19089        | 2270                        | 612                         | 0                        | 41.6               |
| OCT                                   | 2011 | 382                     | 100                 | 255           | 4624                  | 5361                           | 13619               | 18980        | 382                     | 100                                   | 255           | 737                           | 4624                  | 13619               | 18980        | 3040                        | 473                         | 0                        | 41.7               |
| NOV                                   | 2011 | 449                     | 146                 | 222           | 4760                  | 5577                           | 13175               | 18752        | 449                     | 146                                   | 222           | 817                           | 4760                  | 13175               | 18752        | 3810                        | 660                         | 0                        | 41.7               |
| DEC                                   | 2011 | 530                     | 176                 | 208           | 5449                  | 6362                           | 12408               | 18770        | 530                     | 176                                   | 208           | 914                           | 5449                  | 12408               | 18770        | 4580                        | 546                         | 0                        | 41.8               |
| JAN                                   | 2012 | 637                     | 248                 | 210           | 6237                  | 7333                           | 11483               | 18815        | 637                     | 248                                   | 210           | 1096                          | 6237                  | 11483               | 18815        | 5350                        | 684                         | 0                        | 41.7               |
| *** E F F E C T I V E S P A C E ***   |      |                         |                     |               |                       |                                |                     |              |                         | *** C R E D I T A B L E S P A C E *** |               |                               |                       |                     |              |                             |                             |                          |                    |
| JAN                                   | 2012 | 637                     | 248                 | 210           | 6237                  | 7333                           | 11483               | 18815        | 537                     | 248                                   | 117           | 902                           | 6237                  | 11483               | 18621        | 5350                        | 684                         | 0                        | 41.7               |
| FEB                                   | 2012 | 740                     | 321                 | 216           | 7063                  | 8340                           | 10654               | 18994        | 639                     | 321                                   | 121           | 1082                          | 7063                  | 10654               | 18799        | 1500                        | 669                         | 0                        | 41.6               |
| MAR                                   | 2012 | 827                     | 385                 | 206           | 7530                  | 8948                           | 10130               | 19078        | 726                     | 385                                   | 111           | 1221                          | 7530                  | 10130               | 18881        | 1500                        | 1004                        | 0                        | 41.5               |
| APR                                   | 2012 | 847                     | 464                 | 392           | 7438                  | 9141                           | 10091               | 19232        | 742                     | 464                                   | 291           | 1497                          | 7438                  | 10091               | 19025        | 1500                        | 1139                        | 0                        | 41.8               |
| MAY                                   | 2012 | 790                     | 463                 | 446           | 7169                  | 8868                           | 10076               | 18944        | 679                     | 463                                   | 325           | 1467                          | 7169                  | 10076               | 18712        | 1500                        | 985                         | 0                        | 44.1               |
| JUN                                   | 2012 | 559                     | 354                 | 396           | 5778                  | 7088                           | 9587                | 16674        | 431                     | 354                                   | 243           | 1029                          | 5778                  | 9587                | 16394        | 1500                        | 841                         | 0                        | 47.6               |
| JUL                                   | 2012 | 363                     | 107                 | 312           | 3403                  | 4185                           | 9039                | 13223        | 219                     | 96                                    | 112           | 426                           | 3403                  | 9039                | 12868        | 1500                        | 888                         | 0                        | 49.1               |
| *** C R E D I T A B L E S P A C E *** |      |                         |                     |               |                       |                                |                     |              |                         | *** E F F E C T I V E S P A C E ***   |               |                               |                       |                     |              |                             |                             |                          |                    |
| AUG                                   | 2012 | 168                     | 27                  | 251           | 2768                  | 3214                           | 8489                | 11703        | 168                     | 27                                    | 251           | 446                           | 2768                  | 8489                | 11703        | 1500                        | 811                         | 0                        | 49.2               |
| SEP                                   | 2012 | 147                     | 41                  | 250           | 3334                  | 3772                           | 7823                | 11595        | 147                     | 41                                    | 250           | 438                           | 3334                  | 7823                | 11595        | 2270                        | 681                         | 0                        | 49.0               |
| OCT                                   | 2012 | 187                     | 95                  | 232           | 4051                  | 4566                           | 7105                | 11671        | 187                     | 95                                    | 232           | 515                           | 4051                  | 7105                | 11671        | 3040                        | 465                         | 0                        | 49.0               |
| NOV                                   | 2012 | 235                     | 139                 | 249           | 4750                  | 5373                           | 6148                | 11522        | 235                     | 139                                   | 249           | 623                           | 4750                  | 6148                | 11522        | 3810                        | 575                         | 0                        | 49.0               |
| DEC                                   | 2012 | 296                     | 167                 | 274           | 5469                  | 6207                           | 5334                | 11541        | 296                     | 167                                   | 274           | 738                           | 5469                  | 5334                | 11541        | 4580                        | 557                         | 0                        | 49.0               |