

To: All Annual Operating Plan (AOP) Recipients

From: Lower Colorado Basin Region  
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In addition to the October 2020 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. 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 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. Additionally, 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:  
<https://www.usbr.gov/lc/region/q4000/24mo/2020/October-Chart.pdf>.

The water year 2021 unregulated inflow into Lake Powell in the October Probable Maximum inflow scenario is 16.00 maf, or 148 percent of average. Consistent with the Interim Guidelines, the October Probable Maximum 24-Month Study results in a projected release volume from Glen Canyon Dam of 8.23 maf in water year 2021 and 11.67 maf in water year 2022. With intervening flows between Lake Powell and Lake Mead of 1.04 maf in water year 2021, Lake Mead's elevation is projected to be 1,077.15 feet on September 30, 2021.

The 2020 AOP is available for download at:  
<https://www.usbr.gov/lc/region/q4000/aop/AOP20.pdf>.

The Draft 2021 AOP is available for download at:  
[https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP21\\_draft.pdf](https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP21_draft.pdf).

The Interim Guidelines are available for download at:  
<https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf>.

The Colorado River DCPs are available for download at:  
<https://www.usbr.gov/lc/region/programs/dcp.html>.

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Fontenelle Reservoir



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|   | Date           | Regulated<br>Inflow<br>(1000 Ac-Ft) | Evap<br>Losses<br>(1000 Ac-Ft) | Power<br>Release<br>(1000 Ac-Ft) | Bypass<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Live<br>Storage<br>(1000 Ac-Ft) |
|---|----------------|-------------------------------------|--------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------------|---------------------------------|
| * | Oct 2019       | 50                                  | 1                              | 61                               | 7                                 | 67                               | 6493.83                                | 253                             |
| H | Nov 2019       | 46                                  | 1                              | 63                               | 0                                 | 63                               | 6491.39                                | 236                             |
| I | Dec 2019       | 36                                  | 1                              | 64                               | 0                                 | 64                               | 6487.01                                | 208                             |
| S | Jan 2020       | 34                                  | 1                              | 64                               | 0                                 | 64                               | 6481.89                                | 177                             |
| T | Feb 2020       | 32                                  | 1                              | 60                               | 0                                 | 60                               | 6476.34                                | 147                             |
| O | Mar 2020       | 54                                  | 1                              | 65                               | 0                                 | 65                               | 6473.94                                | 136                             |
| R | Apr 2020       | 83                                  | 1                              | 73                               | 0                                 | 73                               | 6475.89                                | 145                             |
| I | May 2020       | 161                                 | 1                              | 101                              | 0                                 | 101                              | 6486.37                                | 203                             |
| C | Jun 2020       | 288                                 | 2                              | 107                              | 73                                | 180                              | 6501.43                                | 309                             |
| A | Jul 2020       | 145                                 | 3                              | 99                               | 23                                | 121                              | 6504.12                                | 330                             |
| L | Aug 2020       | 41                                  | 2                              | 74                               | 0                                 | 74                               | 6499.62                                | 295                             |
| * | Sep 2020       | 25                                  | 2                              | 26                               | 35                                | 61                               | 6494.55                                | 258                             |
|   |                |                                     |                                |                                  |                                   |                                  |                                        |                                 |
|   | <b>WY 2020</b> | <b>996</b>                          | <b>15</b>                      | <b>856</b>                       | <b>137</b>                        | <b>993</b>                       |                                        |                                 |
|   | Oct 2020       | 33                                  | 1                              | 25                               | 31                                | 55                               | 6491.17                                | 236                             |
|   | Nov 2020       | 35                                  | 1                              | 71                               | 0                                 | 71                               | 6485.45                                | 199                             |
|   | Dec 2020       | 30                                  | 1                              | 74                               | 0                                 | 74                               | 6477.60                                | 154                             |
|   | Jan 2021       | 52                                  | 0                              | 74                               | 0                                 | 74                               | 6472.91                                | 132                             |
|   | Feb 2021       | 47                                  | 0                              | 67                               | 0                                 | 67                               | 6468.35                                | 112                             |
|   | Mar 2021       | 88                                  | 0                              | 77                               | 0                                 | 77                               | 6470.97                                | 123                             |
|   | Apr 2021       | 137                                 | 1                              | 88                               | 0                                 | 88                               | 6480.95                                | 172                             |
|   | May 2021       | 281                                 | 1                              | 102                              | 151                               | 254                              | 6485.35                                | 198                             |
|   | Jun 2021       | 463                                 | 2                              | 103                              | 260                               | 363                              | 6499.58                                | 296                             |
|   | Jul 2021       | 272                                 | 3                              | 103                              | 155                               | 258                              | 6501.12                                | 307                             |
|   | Aug 2021       | 118                                 | 2                              | 95                               | 5                                 | 100                              | 6503.14                                | 323                             |
|   | Sep 2021       | 73                                  | 2                              | 19                               | 52                                | 71                               | 6503.12                                | 323                             |
|   | <b>WY 2021</b> | <b>1630</b>                         | <b>15</b>                      | <b>898</b>                       | <b>653</b>                        | <b>1551</b>                      |                                        |                                 |
|   | Oct 2021       | 69                                  | 1                              | 74                               | 0                                 | 74                               | 6502.34                                | 317                             |
|   | Nov 2021       | 52                                  | 1                              | 83                               | 0                                 | 83                               | 6498.10                                | 285                             |
|   | Dec 2021       | 35                                  | 1                              | 86                               | 0                                 | 86                               | 6490.76                                | 233                             |
|   | Jan 2022       | 33                                  | 1                              | 86                               | 0                                 | 86                               | 6482.27                                | 180                             |
|   | Feb 2022       | 31                                  | 1                              | 78                               | 0                                 | 78                               | 6472.90                                | 132                             |
|   | Mar 2022       | 58                                  | 0                              | 86                               | 0                                 | 86                               | 6466.17                                | 104                             |
|   | Apr 2022       | 102                                 | 1                              | 85                               | 0                                 | 85                               | 6470.24                                | 120                             |
|   | May 2022       | 213                                 | 1                              | 100                              | 18                                | 118                              | 6487.85                                | 214                             |
|   | Jun 2022       | 388                                 | 2                              | 104                              | 203                               | 307                              | 6499.14                                | 292                             |
|   | Jul 2022       | 245                                 | 3                              | 103                              | 113                               | 216                              | 6502.68                                | 319                             |
|   | Aug 2022       | 97                                  | 2                              | 96                               | 0                                 | 96                               | 6502.41                                | 317                             |
|   | Sep 2022       | 55                                  | 2                              | 71                               | 0                                 | 71                               | 6500.02                                | 299                             |
|   | <b>WY 2022</b> | <b>1378</b>                         | <b>15</b>                      | <b>1052</b>                      | <b>334</b>                        | <b>1386</b>                      |                                        |                                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Flaming Gorge Reservoir



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|                | Date     | Unreg<br>Inflow<br>(1000 Ac-Ft) | Reg<br>Inflow<br>(1000 Ac-Ft) | Evap<br>Losses<br>(1000 Ac-Ft) | Power<br>Release<br>(1000 Ac-Ft) | Bypass<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Bank<br>Storage<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Live<br>Storage<br>(1000 Ac-Ft) | Jensen<br>Flow<br>(1000 Ac-Ft) |
|----------------|----------|---------------------------------|-------------------------------|--------------------------------|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|----------------------------------------|---------------------------------|--------------------------------|
| *              | Oct 2019 | 53                              | 70                            | 7                              | 80                               | 0                                 | 80                               | 136                             | 6031.13                                | 3393                            | 109                            |
| H              | Nov 2019 | 63                              | 79                            | 4                              | 81                               | 0                                 | 81                               | 136                             | 6030.99                                | 3387                            | 115                            |
| I              | Dec 2019 | 39                              | 67                            | 2                              | 128                              | 0                                 | 128                              | 134                             | 6029.43                                | 3327                            | 169                            |
| S              | Jan 2020 | 49                              | 80                            | 2                              | 133                              | 0                                 | 133                              | 132                             | 6028.03                                | 3274                            | 168                            |
| T              | Feb 2020 | 47                              | 76                            | 2                              | 124                              | 0                                 | 124                              | 130                             | 6026.75                                | 3225                            | 157                            |
| O              | Mar 2020 | 106                             | 117                           | 3                              | 119                              | 0                                 | 119                              | 130                             | 6026.61                                | 3220                            | 228                            |
| R              | Apr 2020 | 114                             | 104                           | 5                              | 112                              | 0                                 | 112                              | 129                             | 6026.26                                | 3207                            | 308                            |
| I              | May 2020 | 218                             | 158                           | 8                              | 98                               | 31                                | 129                              | 130                             | 6026.81                                | 3228                            | 672                            |
| C              | Jun 2020 | 343                             | 236                           | 10                             | 157                              | 31                                | 188                              | 131                             | 6027.76                                | 3263                            | 530                            |
| A              | Jul 2020 | 158                             | 134                           | 13                             | 90                               | 0                                 | 90                               | 133                             | 6028.55                                | 3293                            | 131                            |
| L              | Aug 2020 | 35                              | 67                            | 12                             | 112                              | 0                                 | 112                              | 130                             | 6027.10                                | 3238                            | 124                            |
| *              | Sep 2020 | 28                              | 64                            | 11                             | 98                               | 0                                 | 98                               | 129                             | 6025.93                                | 3195                            | 112                            |
| <b>WY 2020</b> |          | <b>1253</b>                     | <b>1251</b>                   | <b>80</b>                      | <b>1333</b>                      | <b>62</b>                         | <b>1395</b>                      |                                 |                                        |                                 | <b>2825</b>                    |
|                | Oct 2020 | 38                              | 60                            | 7                              | 64                               | 0                                 | 64                               | 128                             | 6025.64                                | 3184                            | 79                             |
|                | Nov 2020 | 42                              | 78                            | 3                              | 58                               | 0                                 | 58                               | 129                             | 6026.08                                | 3200                            | 83                             |
|                | Dec 2020 | 32                              | 76                            | 2                              | 86                               | 0                                 | 86                               | 128                             | 6025.77                                | 3189                            | 108                            |
|                | Jan 2021 | 70                              | 92                            | 2                              | 86                               | 0                                 | 86                               | 128                             | 6025.88                                | 3193                            | 132                            |
|                | Feb 2021 | 76                              | 95                            | 2                              | 78                               | 0                                 | 78                               | 129                             | 6026.28                                | 3208                            | 119                            |
|                | Mar 2021 | 166                             | 154                           | 3                              | 206                              | 0                                 | 206                              | 127                             | 6024.86                                | 3155                            | 340                            |
|                | Apr 2021 | 219                             | 169                           | 5                              | 199                              | 0                                 | 199                              | 126                             | 6023.94                                | 3121                            | 551                            |
|                | May 2021 | 430                             | 402                           | 8                              | 208                              | 0                                 | 208                              | 133                             | 6028.73                                | 3300                            | 1080                           |
|                | Jun 2021 | 628                             | 528                           | 11                             | 238                              | 174                               | 412                              | 137                             | 6031.36                                | 3402                            | 1088                           |
|                | Jul 2021 | 322                             | 307                           | 14                             | 74                               | 0                                 | 74                               | 145                             | 6036.64                                | 3613                            | 198                            |
|                | Aug 2021 | 140                             | 123                           | 14                             | 111                              | 0                                 | 111                              | 145                             | 6036.59                                | 3611                            | 152                            |
|                | Sep 2021 | 87                              | 86                            | 12                             | 119                              | 0                                 | 119                              | 143                             | 6035.53                                | 3567                            | 142                            |
| <b>WY 2021</b> |          | <b>2250</b>                     | <b>2171</b>                   | <b>82</b>                      | <b>1528</b>                      | <b>174</b>                        | <b>1702</b>                      |                                 |                                        |                                 | <b>4072</b>                    |
|                | Oct 2021 | 85                              | 89                            | 8                              | 113                              | 0                                 | 113                              | 142                             | 6034.79                                | 3538                            | 155                            |
|                | Nov 2021 | 64                              | 95                            | 4                              | 139                              | 0                                 | 139                              | 140                             | 6033.65                                | 3492                            | 177                            |
|                | Dec 2021 | 40                              | 91                            | 2                              | 191                              | 0                                 | 191                              | 137                             | 6031.17                                | 3394                            | 219                            |
|                | Jan 2022 | 46                              | 99                            | 2                              | 191                              | 0                                 | 191                              | 133                             | 6028.83                                | 3304                            | 219                            |
|                | Feb 2022 | 49                              | 96                            | 2                              | 172                              | 0                                 | 172                              | 130                             | 6026.86                                | 3229                            | 200                            |
|                | Mar 2022 | 110                             | 138                           | 3                              | 178                              | 0                                 | 178                              | 128                             | 6025.74                                | 3188                            | 268                            |
|                | Apr 2022 | 160                             | 143                           | 5                              | 173                              | 0                                 | 173                              | 127                             | 6024.85                                | 3155                            | 432                            |
|                | May 2022 | 323                             | 228                           | 8                              | 95                               | 0                                 | 95                               | 132                             | 6028.06                                | 3275                            | 745                            |
|                | Jun 2022 | 521                             | 440                           | 11                             | 283                              | 38                                | 321                              | 136                             | 6030.79                                | 3380                            | 897                            |
|                | Jul 2022 | 298                             | 269                           | 14                             | 86                               | 0                                 | 86                               | 142                             | 6034.89                                | 3542                            | 235                            |
|                | Aug 2022 | 116                             | 116                           | 13                             | 105                              | 0                                 | 105                              | 142                             | 6034.83                                | 3540                            | 139                            |
|                | Sep 2022 | 69                              | 86                            | 12                             | 101                              | 0                                 | 101                              | 141                             | 6034.18                                | 3513                            | 123                            |
| <b>WY 2022</b> |          | <b>1881</b>                     | <b>1890</b>                   | <b>82</b>                      | <b>1826</b>                      | <b>38</b>                         | <b>1864</b>                      |                                 |                                        |                                 | <b>3809</b>                    |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

Model Run ID: 3129

Processed On: 10/14/2020 5:23:20PM

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Taylor Park Reservoir



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|                | Date     | Regulated<br>Inflow<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Live<br>Storage<br>(1000 Ac-Ft) |
|----------------|----------|-------------------------------------|----------------------------------|----------------------------------------|---------------------------------|
| *              | Oct 2019 | 7                                   | 11                               | 9314.37                                | 77                              |
| H              | Nov 2019 | 5                                   | 6                                | 9313.66                                | 76                              |
| I              | Dec 2019 | 5                                   | 6                                | 9313.35                                | 75                              |
| S              | Jan 2020 | 4                                   | 6                                | 9312.52                                | 74                              |
| T              | Feb 2020 | 4                                   | 6                                | 9311.72                                | 73                              |
| O              | Mar 2020 | 5                                   | 6                                | 9310.81                                | 71                              |
| R              | Apr 2020 | 7                                   | 6                                | 9311.67                                | 73                              |
| I              | May 2020 | 24                                  | 10                               | 9319.44                                | 86                              |
| C              | Jun 2020 | 22                                  | 16                               | 9322.93                                | 92                              |
| A              | Jul 2020 | 8                                   | 17                               | 9317.91                                | 83                              |
| L              | Aug 2020 | 4                                   | 14                               | 9311.83                                | 73                              |
| *              | Sep 2020 | 6                                   | 9                                | 9309.62                                | 69                              |
| <b>WY 2020</b> |          | <b>102</b>                          | <b>113</b>                       |                                        |                                 |
|                | Oct 2020 | 4                                   | 7                                | 9307.77                                | 66                              |
|                | Nov 2020 | 4                                   | 5                                | 9306.95                                | 65                              |
|                | Dec 2020 | 4                                   | 5                                | 9305.82                                | 63                              |
|                | Jan 2021 | 6                                   | 5                                | 9306.17                                | 64                              |
|                | Feb 2021 | 5                                   | 5                                | 9306.49                                | 64                              |
|                | Mar 2021 | 6                                   | 5                                | 9307.02                                | 65                              |
|                | Apr 2021 | 12                                  | 10                               | 9308.30                                | 67                              |
|                | May 2021 | 36                                  | 14                               | 9321.14                                | 89                              |
|                | Jun 2021 | 56                                  | 20                               | 9330.00                                | 106                             |
|                | Jul 2021 | 21                                  | 24                               | 9328.71                                | 104                             |
|                | Aug 2021 | 12                                  | 19                               | 9325.14                                | 97                              |
|                | Sep 2021 | 10                                  | 18                               | 9321.02                                | 89                              |
| <b>WY 2021</b> |          | <b>175</b>                          | <b>137</b>                       |                                        |                                 |
|                | Oct 2021 | 8                                   | 12                               | 9319.32                                | 86                              |
|                | Nov 2021 | 6                                   | 5                                | 9319.84                                | 87                              |
|                | Dec 2021 | 5                                   | 5                                | 9319.84                                | 87                              |
|                | Jan 2022 | 5                                   | 5                                | 9319.56                                | 86                              |
|                | Feb 2022 | 4                                   | 5                                | 9319.23                                | 86                              |
|                | Mar 2022 | 5                                   | 5                                | 9319.07                                | 85                              |
|                | Apr 2022 | 10                                  | 10                               | 9319.12                                | 85                              |
|                | May 2022 | 32                                  | 14                               | 9328.68                                | 104                             |
|                | Jun 2022 | 53                                  | 20                               | 9330.00                                | 106                             |
|                | Jul 2022 | 24                                  | 24                               | 9330.00                                | 106                             |
|                | Aug 2022 | 12                                  | 7                                | 9330.00                                | 106                             |
|                | Sep 2022 | 8                                   | 7                                | 9330.00                                | 106                             |
| <b>WY 2022</b> |          | <b>173</b>                          | <b>118</b>                       |                                        |                                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Blue Mesa Reservoir



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|                |          | UnReg<br>Inflow | Regulated<br>Inflow | Evap<br>Losses | Power<br>Release | Bypass<br>Release | Total<br>Release | Reservoir Elev<br>End of Month | Live<br>Storage |
|----------------|----------|-----------------|---------------------|----------------|------------------|-------------------|------------------|--------------------------------|-----------------|
|                | Date     | (1000 Ac-Ft)    | (1000 Ac-Ft)        | (1000 Ac-Ft)   | (1000 Ac-Ft)     | (1000 Ac-Ft)      | (1000 Ac-Ft)     | (Ft)                           | (1000 Ac-Ft)    |
| *              | Oct 2019 | 28              | 32                  | 1              | 63               | 3                 | 85               | 7502.51                        | 682             |
| H              | Nov 2019 | 31              | 32                  | 0              | 54               | 0                 | 72               | 7497.63                        | 642             |
| I              | Dec 2019 | 30              | 30                  | 0              | 70               | 0                 | 85               | 7490.79                        | 588             |
| S              | Jan 2020 | 26              | 28                  | 0              | 44               | 0                 | 61               | 7486.45                        | 554             |
| T              | Feb 2020 | 23              | 25                  | 0              | 30               | 0                 | 41               | 7484.20                        | 537             |
| O              | Mar 2020 | 34              | 36                  | 0              | 38               | 0                 | 38               | 7483.85                        | 534             |
| R              | Apr 2020 | 50              | 49                  | 1              | 73               | 0                 | 73               | 7480.49                        | 510             |
| I              | May 2020 | 153             | 140                 | 1              | 82               | 17                | 99               | 7485.88                        | 550             |
| C              | Jun 2020 | 139             | 131                 | 1              | 83               | 3                 | 85               | 7491.64                        | 594             |
| A              | Jul 2020 | 46              | 55                  | 1              | 92               | 1                 | 92               | 7486.61                        | 555             |
| L              | Aug 2020 | 26              | 36                  | 1              | 95               | 0                 | 95               | 7478.53                        | 495             |
| *              | Sep 2020 | 23              | 26                  | 1              | 80               | 2                 | 82               | 7470.42                        | 439             |
| <b>WY 2020</b> |          | <b>608</b>      | <b>620</b>          | <b>8</b>       | <b>805</b>       | <b>26</b>         | <b>909</b>       |                                |                 |
|                | Oct 2020 | 24              | 27                  | 0              | 70               | 0                 | 70               | 7463.77                        | 395             |
|                | Nov 2020 | 22              | 23                  | 0              | 15               | 0                 | 15               | 7465.03                        | 403             |
|                | Dec 2020 | 20              | 22                  | 0              | 15               | 0                 | 15               | 7465.99                        | 409             |
|                | Jan 2021 | 34              | 34                  | 0              | 11               | 0                 | 11               | 7469.33                        | 431             |
|                | Feb 2021 | 31              | 31                  | 0              | 9                | 0                 | 9                | 7472.44                        | 452             |
|                | Mar 2021 | 51              | 50                  | 0              | 0                | 10                | 10               | 7478.09                        | 492             |
|                | Apr 2021 | 107             | 105                 | 1              | 0                | 62                | 62               | 7483.92                        | 535             |
|                | May 2021 | 273             | 251                 | 1              | 6                | 68                | 74               | 7505.97                        | 711             |
|                | Jun 2021 | 359             | 323                 | 1              | 206              | 40                | 246              | 7514.73                        | 788             |
|                | Jul 2021 | 135             | 137                 | 2              | 101              | 0                 | 101              | 7518.55                        | 822             |
|                | Aug 2021 | 81              | 88                  | 1              | 105              | 0                 | 105              | 7516.56                        | 804             |
|                | Sep 2021 | 51              | 59                  | 1              | 101              | 0                 | 101              | 7511.76                        | 761             |
| <b>WY 2021</b> |          | <b>1190</b>     | <b>1152</b>         | <b>9</b>       | <b>641</b>       | <b>179</b>        | <b>820</b>       |                                |                 |
|                | Oct 2021 | 48              | 51                  | 1              | 93               | 0                 | 93               | 7506.77                        | 718             |
|                | Nov 2021 | 35              | 34                  | 0              | 66               | 0                 | 66               | 7502.97                        | 686             |
|                | Dec 2021 | 28              | 28                  | 0              | 114              | 0                 | 114              | 7492.30                        | 599             |
|                | Jan 2022 | 25              | 26                  | 0              | 82               | 0                 | 82               | 7484.98                        | 543             |
|                | Feb 2022 | 24              | 24                  | 0              | 75               | 0                 | 75               | 7478.10                        | 492             |
|                | Mar 2022 | 40              | 40                  | 0              | 56               | 0                 | 56               | 7475.74                        | 475             |
|                | Apr 2022 | 93              | 93                  | 1              | 71               | 0                 | 71               | 7478.61                        | 496             |
|                | May 2022 | 262             | 244                 | 1              | 202              | 35                | 236              | 7479.47                        | 502             |
|                | Jun 2022 | 343             | 310                 | 1              | 40               | 0                 | 40               | 7512.83                        | 771             |
|                | Jul 2022 | 150             | 149                 | 2              | 96               | 0                 | 96               | 7518.54                        | 822             |
|                | Aug 2022 | 75              | 70                  | 1              | 108              | 0                 | 108              | 7514.21                        | 783             |
|                | Sep 2022 | 45              | 44                  | 1              | 104              | 0                 | 104              | 7507.17                        | 721             |
| <b>WY 2022</b> |          | <b>1166</b>     | <b>1111</b>         | <b>9</b>       | <b>1107</b>      | <b>35</b>         | <b>1142</b>      |                                |                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Morrow Point Reservoir



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|                |          | Unreg<br>Inflow | Blue Mesa<br>Release | Side<br>Inflow | Total<br>Inflow | Power<br>Release | Bypass<br>Release | Total<br>Release | Reservoir Elev<br>End of Month | Live<br>Storage |
|----------------|----------|-----------------|----------------------|----------------|-----------------|------------------|-------------------|------------------|--------------------------------|-----------------|
|                | Date     | (1000 Ac-Ft)    | (1000 Ac-Ft)         | (1000 Ac-Ft)   | (1000 Ac-Ft)    | (1000 Ac-Ft)     | (1000 Ac-Ft)      | (1000 Ac-Ft)     | (Ft)                           | (1000 Ac-Ft)    |
| *              | Oct 2019 | 29              | 85                   | 1              | 86              | 78               | 0                 | 89               | 7147.86                        | 107             |
| H              | Nov 2019 | 31              | 72                   | 1              | 72              | 71               | 0                 | 71               | 7148.85                        | 108             |
| I              | Dec 2019 | 30              | 85                   | 1              | 85              | 85               | 0                 | 85               | 7149.10                        | 108             |
| S              | Jan 2020 | 27              | 61                   | 1              | 61              | 63               | 0                 | 63               | 7147.47                        | 107             |
| T              | Feb 2020 | 23              | 41                   | 0              | 41              | 41               | 0                 | 41               | 7147.88                        | 107             |
| O              | Mar 2020 | 36              | 38                   | 2              | 40              | 42               | 0                 | 42               | 7145.65                        | 106             |
| R              | Apr 2020 | 54              | 73                   | 4              | 77              | 76               | 0                 | 76               | 7147.10                        | 107             |
| I              | May 2020 | 162             | 99                   | 10             | 109             | 109              | 0                 | 109              | 7146.72                        | 107             |
| C              | Jun 2020 | 142             | 85                   | 4              | 89              | 85               | 0                 | 85               | 7152.13                        | 111             |
| A              | Jul 2020 | 47              | 92                   | 1              | 93              | 93               | 0                 | 93               | 7152.06                        | 111             |
| L              | Aug 2020 | 27              | 95                   | 1              | 96              | 95               | 0                 | 97               | 7151.26                        | 110             |
| *              | Sep 2020 | 23              | 82                   | 1              | 83              | 80               | 0                 | 84               | 7149.87                        | 109             |
| <b>WY 2020</b> |          | <b>632</b>      | <b>909</b>           | <b>24</b>      | <b>933</b>      | <b>917</b>       | <b>0</b>          | <b>933</b>       |                                |                 |
|                | Oct 2020 | 25              | 70                   | 1              | 71              | 73               | 0                 | 73               | 7147.94                        | 107             |
|                | Nov 2020 | 24              | 15                   | 2              | 17              | 17               | 0                 | 17               | 7147.94                        | 107             |
|                | Dec 2020 | 22              | 15                   | 2              | 17              | 17               | 0                 | 17               | 7147.94                        | 107             |
|                | Jan 2021 | 37              | 11                   | 3              | 14              | 14               | 0                 | 14               | 7147.94                        | 107             |
|                | Feb 2021 | 34              | 9                    | 3              | 13              | 13               | 0                 | 13               | 7147.94                        | 107             |
|                | Mar 2021 | 56              | 10                   | 5              | 15              | 15               | 0                 | 15               | 7147.94                        | 107             |
|                | Apr 2021 | 122             | 62                   | 15             | 77              | 77               | 0                 | 77               | 7147.94                        | 107             |
|                | May 2021 | 303             | 74                   | 30             | 104             | 104              | 0                 | 104              | 7147.94                        | 107             |
|                | Jun 2021 | 386             | 246                  | 27             | 272             | 272              | 0                 | 272              | 7147.94                        | 107             |
|                | Jul 2021 | 140             | 101                  | 5              | 107             | 107              | 0                 | 107              | 7147.94                        | 107             |
|                | Aug 2021 | 85              | 105                  | 3              | 109             | 109              | 0                 | 109              | 7147.94                        | 107             |
|                | Sep 2021 | 55              | 101                  | 3              | 104             | 104              | 0                 | 104              | 7147.94                        | 107             |
| <b>WY 2021</b> |          | <b>1290</b>     | <b>820</b>           | <b>100</b>     | <b>921</b>      | <b>921</b>       | <b>0</b>          | <b>921</b>       |                                |                 |
|                | Oct 2021 | 50              | 93                   | 3              | 96              | 96               | 0                 | 96               | 7147.94                        | 107             |
|                | Nov 2021 | 37              | 66                   | 2              | 68              | 68               | 0                 | 68               | 7147.94                        | 107             |
|                | Dec 2021 | 30              | 114                  | 2              | 116             | 116              | 0                 | 116              | 7147.94                        | 107             |
|                | Jan 2022 | 28              | 82                   | 2              | 84              | 84               | 0                 | 84               | 7147.94                        | 107             |
|                | Feb 2022 | 26              | 75                   | 3              | 77              | 77               | 0                 | 77               | 7147.94                        | 107             |
|                | Mar 2022 | 44              | 56                   | 4              | 60              | 60               | 0                 | 60               | 7147.94                        | 107             |
|                | Apr 2022 | 105             | 71                   | 13             | 84              | 84               | 0                 | 84               | 7147.94                        | 107             |
|                | May 2022 | 292             | 236                  | 30             | 267             | 267              | 0                 | 267              | 7147.94                        | 107             |
|                | Jun 2022 | 371             | 40                   | 27             | 67              | 67               | 0                 | 67               | 7147.94                        | 107             |
|                | Jul 2022 | 157             | 96                   | 7              | 103             | 103              | 0                 | 103              | 7147.94                        | 107             |
|                | Aug 2022 | 79              | 108                  | 4              | 112             | 112              | 0                 | 112              | 7147.94                        | 107             |
|                | Sep 2022 | 48              | 104                  | 3              | 107             | 107              | 0                 | 107              | 7147.94                        | 107             |
| <b>WY 2022</b> |          | <b>1266</b>     | <b>1142</b>          | <b>100</b>     | <b>1242</b>     | <b>1241</b>      | <b>0</b>          | <b>1241</b>      |                                |                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Crystal Reservoir



— BUREAU OF —  
RECLAMATION

|                | Date     | Unreg<br>Inflow<br>(1000 Ac-Ft) | Morrow<br>Release<br>(1000 Ac-Ft) | Side<br>Inflow<br>(1000 Ac-Ft) | Total<br>Inflow<br>(1000 Ac-Ft) | Power<br>Release<br>(1000 Ac-Ft) | Bypass<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Live<br>Storage<br>(1000 Ac-Ft) | Tunnel<br>Flow<br>(1000 Ac-Ft) | Below Tunnel<br>Flow<br>(1000 Ac-Ft) |
|----------------|----------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------------|---------------------------------|--------------------------------|--------------------------------------|
| *              | Oct 2019 | 33                              | 89                                | 3                              | 92                              | 92                               | 0                                 | 92                               | 6749.75                                | 16                              | 64                             | 29                                   |
| H              | Nov 2019 | 35                              | 71                                | 4                              | 75                              | 76                               | 0                                 | 76                               | 6746.90                                | 15                              | 2                              | 72                                   |
| I              | Dec 2019 | 35                              | 85                                | 4                              | 89                              | 89                               | 0                                 | 89                               | 6746.40                                | 15                              | 0                              | 86                                   |
| S              | Jan 2020 | 31                              | 63                                | 4                              | 67                              | 58                               | 9                                 | 67                               | 6745.61                                | 15                              | 1                              | 64                                   |
| T              | Feb 2020 | 26                              | 41                                | 3                              | 44                              | 24                               | 19                                | 43                               | 6748.71                                | 16                              | 1                              | 43                                   |
| O              | Mar 2020 | 42                              | 42                                | 6                              | 47                              | 45                               | 1                                 | 46                               | 6754.38                                | 17                              | 11                             | 33                                   |
| R              | Apr 2020 | 59                              | 76                                | 5                              | 81                              | 81                               | 0                                 | 81                               | 6754.37                                | 17                              | 55                             | 26                                   |
| I              | May 2020 | 174                             | 109                               | 12                             | 121                             | 99                               | 14                                | 121                              | 6754.46                                | 17                              | 65                             | 54                                   |
| C              | Jun 2020 | 148                             | 85                                | 6                              | 91                              | 92                               | 0                                 | 93                               | 6747.34                                | 15                              | 62                             | 32                                   |
| A              | Jul 2020 | 48                              | 93                                | 2                              | 95                              | 94                               | 0                                 | 94                               | 6750.20                                | 16                              | 65                             | 32                                   |
| L              | Aug 2020 | 27                              | 97                                | 1                              | 97                              | 97                               | 0                                 | 97                               | 6750.09                                | 16                              | 64                             | 35                                   |
| *              | Sep 2020 | 25                              | 84                                | 1                              | 85                              | 59                               | 27                                | 85                               | 6749.98                                | 16                              | 59                             | 28                                   |
| <b>WY 2020</b> |          | <b>683</b>                      | <b>933</b>                        | <b>51</b>                      | <b>984</b>                      | <b>905</b>                       | <b>72</b>                         | <b>984</b>                       |                                        |                                 | <b>447</b>                     | <b>535</b>                           |
|                | Oct 2020 | 27                              | 73                                | 2                              | 75                              | 75                               | 0                                 | 75                               | 6749.63                                | 16                              | 30                             | 45                                   |
|                | Nov 2020 | 27                              | 17                                | 3                              | 20                              | 20                               | 0                                 | 20                               | 6749.63                                | 16                              | 0                              | 20                                   |
|                | Dec 2020 | 25                              | 17                                | 3                              | 20                              | 20                               | 0                                 | 20                               | 6749.63                                | 16                              | 0                              | 20                                   |
|                | Jan 2021 | 44                              | 14                                | 7                              | 21                              | 21                               | 0                                 | 21                               | 6749.63                                | 16                              | 0                              | 21                                   |
|                | Feb 2021 | 41                              | 13                                | 6                              | 19                              | 19                               | 0                                 | 19                               | 6749.63                                | 16                              | 0                              | 19                                   |
|                | Mar 2021 | 67                              | 15                                | 11                             | 26                              | 26                               | 0                                 | 26                               | 6749.63                                | 16                              | 5                              | 21                                   |
|                | Apr 2021 | 143                             | 77                                | 21                             | 98                              | 97                               | 0                                 | 97                               | 6749.63                                | 16                              | 42                             | 55                                   |
|                | May 2021 | 352                             | 104                               | 48                             | 152                             | 136                              | 16                                | 152                              | 6749.63                                | 16                              | 62                             | 90                                   |
|                | Jun 2021 | 444                             | 272                               | 58                             | 330                             | 132                              | 198                               | 330                              | 6749.63                                | 16                              | 61                             | 269                                  |
|                | Jul 2021 | 157                             | 107                               | 17                             | 124                             | 124                              | 0                                 | 124                              | 6749.63                                | 16                              | 65                             | 59                                   |
|                | Aug 2021 | 98                              | 109                               | 13                             | 121                             | 121                              | 0                                 | 121                              | 6749.63                                | 16                              | 65                             | 56                                   |
|                | Sep 2021 | 65                              | 104                               | 10                             | 114                             | 52                               | 62                                | 114                              | 6749.63                                | 16                              | 55                             | 59                                   |
| <b>WY 2021</b> |          | <b>1490</b>                     | <b>921</b>                        | <b>200</b>                     | <b>1121</b>                     | <b>844</b>                       | <b>277</b>                        | <b>1121</b>                      |                                        |                                 | <b>385</b>                     | <b>736</b>                           |
|                | Oct 2021 | 59                              | 96                                | 9                              | 105                             | 105                              | 0                                 | 105                              | 6749.63                                | 16                              | 30                             | 75                                   |
|                | Nov 2021 | 43                              | 68                                | 6                              | 74                              | 74                               | 0                                 | 74                               | 6749.63                                | 16                              | 0                              | 74                                   |
|                | Dec 2021 | 35                              | 116                               | 5                              | 121                             | 121                              | 0                                 | 121                              | 6749.63                                | 16                              | 0                              | 121                                  |
|                | Jan 2022 | 33                              | 84                                | 5                              | 89                              | 89                               | 0                                 | 89                               | 6749.63                                | 16                              | 0                              | 89                                   |
|                | Feb 2022 | 30                              | 77                                | 4                              | 81                              | 81                               | 0                                 | 81                               | 6749.63                                | 16                              | 0                              | 81                                   |
|                | Mar 2022 | 51                              | 60                                | 7                              | 67                              | 67                               | 0                                 | 67                               | 6749.63                                | 16                              | 5                              | 62                                   |
|                | Apr 2022 | 119                             | 84                                | 14                             | 98                              | 98                               | 0                                 | 98                               | 6749.63                                | 16                              | 42                             | 56                                   |
|                | May 2022 | 332                             | 267                               | 40                             | 306                             | 136                              | 170                               | 306                              | 6749.63                                | 16                              | 62                             | 244                                  |
|                | Jun 2022 | 417                             | 67                                | 47                             | 114                             | 114                              | 0                                 | 114                              | 6749.63                                | 16                              | 61                             | 53                                   |
|                | Jul 2022 | 174                             | 103                               | 17                             | 120                             | 120                              | 0                                 | 120                              | 6749.63                                | 16                              | 65                             | 55                                   |
|                | Aug 2022 | 88                              | 112                               | 9                              | 121                             | 121                              | 0                                 | 121                              | 6749.63                                | 16                              | 65                             | 56                                   |
|                | Sep 2022 | 55                              | 107                               | 7                              | 114                             | 48                               | 66                                | 114                              | 6749.63                                | 16                              | 55                             | 59                                   |
| <b>WY 2022</b> |          | <b>1435</b>                     | <b>1241</b>                       | <b>169</b>                     | <b>1410</b>                     | <b>1174</b>                      | <b>236</b>                        | <b>1410</b>                      |                                        |                                 | <b>385</b>                     | <b>1025</b>                          |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Vallecito Reservoir



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|                | Date     | Regulated<br>Inflow<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Live<br>Storage<br>(1000 Ac-Ft) |
|----------------|----------|-------------------------------------|----------------------------------|----------------------------------------|---------------------------------|
| *              | Oct 2019 | 4                                   | 13                               | 7643.13                                | 71                              |
| H              | Nov 2019 | 4                                   | 2                                | 7644.14                                | 73                              |
| I              | Dec 2019 | 4                                   | 2                                | 7645.07                                | 75                              |
| S              | Jan 2020 | 5                                   | 2                                | 7646.26                                | 78                              |
| T              | Feb 2020 | 4                                   | 2                                | 7647.01                                | 80                              |
| O              | Mar 2020 | 6                                   | 2                                | 7648.55                                | 84                              |
| R              | Apr 2020 | 16                                  | 4                                | 7653.32                                | 95                              |
| I              | May 2020 | 66                                  | 37                               | 7664.35                                | 124                             |
| C              | Jun 2020 | 38                                  | 48                               | 7660.61                                | 114                             |
| A              | Jul 2020 | 11                                  | 38                               | 7649.57                                | 86                              |
| L              | Aug 2020 | 5                                   | 36                               | 7635.21                                | 54                              |
| *              | Sep 2020 | 4                                   | 28                               | 7620.77                                | 30                              |
| <b>WY 2020</b> |          | <b>167</b>                          | <b>213</b>                       |                                        |                                 |
|                | Oct 2020 | 5                                   | 12                               | 7614.95                                | 23                              |
|                | Nov 2020 | 4                                   | 2                                | 7616.19                                | 24                              |
|                | Dec 2020 | 4                                   | 2                                | 7617.90                                | 27                              |
|                | Jan 2021 | 7                                   | 2                                | 7621.87                                | 32                              |
|                | Feb 2021 | 7                                   | 2                                | 7625.10                                | 37                              |
|                | Mar 2021 | 12                                  | 2                                | 7630.88                                | 47                              |
|                | Apr 2021 | 29                                  | 2                                | 7644.10                                | 73                              |
|                | May 2021 | 87                                  | 35                               | 7664.78                                | 125                             |
|                | Jun 2021 | 86                                  | 83                               | 7665.53                                | 127                             |
|                | Jul 2021 | 31                                  | 42                               | 7660.89                                | 115                             |
|                | Aug 2021 | 22                                  | 38                               | 7654.46                                | 98                              |
|                | Sep 2021 | 23                                  | 30                               | 7651.43                                | 91                              |
| <b>WY 2021</b> |          | <b>315</b>                          | <b>252</b>                       |                                        |                                 |
|                | Oct 2021 | 19                                  | 17                               | 7651.97                                | 92                              |
|                | Nov 2021 | 10                                  | 5                                | 7654.10                                | 97                              |
|                | Dec 2021 | 7                                   | 5                                | 7654.99                                | 99                              |
|                | Jan 2022 | 6                                   | 5                                | 7655.42                                | 101                             |
|                | Feb 2022 | 5                                   | 4                                | 7655.83                                | 102                             |
|                | Mar 2022 | 10                                  | 2                                | 7659.01                                | 110                             |
|                | Apr 2022 | 27                                  | 10                               | 7665.51                                | 127                             |
|                | May 2022 | 80                                  | 86                               | 7662.99                                | 120                             |
|                | Jun 2022 | 88                                  | 81                               | 7665.36                                | 126                             |
|                | Jul 2022 | 35                                  | 43                               | 7661.99                                | 118                             |
|                | Aug 2022 | 22                                  | 38                               | 7655.51                                | 101                             |
|                | Sep 2022 | 21                                  | 29                               | 7652.28                                | 93                              |
| <b>WY 2022</b> |          | <b>330</b>                          | <b>324</b>                       |                                        |                                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Navajo Reservoir



— BUREAU OF —  
RECLAMATION

|                |          | Mod Unreg<br>Inflow | Azotea<br>Tunnel Div | Reg<br>Inflow | Evap<br>Losses | NIIP<br>Diversion | Total<br>Release | Reservoir Elev<br>End of Month | Live<br>Storage | Farmington<br>Flow |
|----------------|----------|---------------------|----------------------|---------------|----------------|-------------------|------------------|--------------------------------|-----------------|--------------------|
|                | Date     | (1000 Ac-Ft)        | (1000 Ac-Ft)         | (1000 Ac-Ft)  | (1000 Ac-Ft)   | (1000 Ac-Ft)      | (1000 Ac-Ft)     | (Ft)                           | (1000 Ac-Ft)    | (1000 Ac-Ft)       |
| *              | Oct 2019 | 5                   | 0                    | 14            | 2              | 6                 | 32               | 6061.08                        | 1362            | 47                 |
| H              | Nov 2019 | 15                  | 0                    | 13            | 1              | 0                 | 25               | 6060.04                        | 1348            | 46                 |
| I              | Dec 2019 | 17                  | 0                    | 15            | 1              | 1                 | 36               | 6058.25                        | 1326            | 59                 |
| S              | Jan 2020 | 16                  | 0                    | 14            | 1              | 1                 | 31               | 6056.81                        | 1308            | 44                 |
| T              | Feb 2020 | 17                  | 0                    | 15            | 1              | 3                 | 24               | 6055.76                        | 1295            | 37                 |
| O              | Mar 2020 | 36                  | 2                    | 30            | 2              | 5                 | 26               | 6055.57                        | 1292            | 35                 |
| R              | Apr 2020 | 80                  | 11                   | 60            | 2              | 25                | 29               | 6055.92                        | 1297            | 37                 |
| I              | May 2020 | 199                 | 27                   | 142           | 4              | 37                | 32               | 6061.48                        | 1367            | 122                |
| C              | Jun 2020 | 65                  | 8                    | 64            | 4              | 41                | 31               | 6060.49                        | 1354            | 96                 |
| A              | Jul 2020 | 3                   | 1                    | 29            | 4              | 47                | 47               | 6054.99                        | 1285            | 59                 |
| L              | Aug 2020 | -15                 | 0                    | 16            | 3              | 44                | 52               | 6048.01                        | 1202            | 49                 |
| *              | Sep 2020 | -7                  | 0                    | 17            | 2              | 21                | 47               | 6043.32                        | 1149            | 47                 |
| <b>WY 2020</b> |          | <b>431</b>          | <b>48</b>            | <b>429</b>    | <b>27</b>      | <b>230</b>        | <b>411</b>       |                                |                 | <b>678</b>         |
|                | Oct 2020 | 12                  | 0                    | 19            | 2              | 9                 | 28               | 6041.58                        | 1130            | 39                 |
|                | Nov 2020 | 18                  | 0                    | 16            | 1              | 0                 | 21               | 6041.11                        | 1125            | 32                 |
|                | Dec 2020 | 17                  | 0                    | 15            | 1              | 0                 | 22               | 6040.44                        | 1118            | 32                 |
|                | Jan 2021 | 31                  | 0                    | 26            | 1              | 0                 | 22               | 6040.80                        | 1121            | 39                 |
|                | Feb 2021 | 44                  | 2                    | 37            | 1              | 0                 | 19               | 6042.32                        | 1138            | 35                 |
|                | Mar 2021 | 140                 | 16                   | 115           | 1              | 6                 | 22               | 6049.88                        | 1224            | 51                 |
|                | Apr 2021 | 223                 | 29                   | 167           | 2              | 22                | 21               | 6059.88                        | 1346            | 85                 |
|                | May 2021 | 390                 | 54                   | 284           | 4              | 37                | 196              | 6063.60                        | 1394            | 375                |
|                | Jun 2021 | 311                 | 42                   | 266           | 4              | 53                | 277              | 6058.30                        | 1326            | 471                |
|                | Jul 2021 | 71                  | 6                    | 77            | 4              | 57                | 47               | 6055.74                        | 1295            | 123                |
|                | Aug 2021 | 43                  | 2                    | 57            | 3              | 48                | 31               | 6053.69                        | 1270            | 74                 |
|                | Sep 2021 | 60                  | 4                    | 63            | 3              | 26                | 30               | 6054.07                        | 1274            | 69                 |
| <b>WY 2021</b> |          | <b>1360</b>         | <b>154</b>           | <b>1142</b>   | <b>26</b>      | <b>258</b>        | <b>733</b>       |                                |                 | <b>1423</b>        |
|                | Oct 2021 | 61                  | 4                    | 55            | 2              | 9                 | 31               | 6055.18                        | 1288            | 63                 |
|                | Nov 2021 | 35                  | 1                    | 29            | 1              | 0                 | 30               | 6055.07                        | 1286            | 50                 |
|                | Dec 2021 | 29                  | 0                    | 26            | 1              | 0                 | 31               | 6054.66                        | 1281            | 47                 |
|                | Jan 2022 | 24                  | 0                    | 22            | 1              | 0                 | 31               | 6053.93                        | 1273            | 45                 |
|                | Feb 2022 | 34                  | 1                    | 32            | 1              | 0                 | 28               | 6054.25                        | 1276            | 41                 |
|                | Mar 2022 | 111                 | 11                   | 91            | 2              | 6                 | 31               | 6058.54                        | 1329            | 57                 |
|                | Apr 2022 | 202                 | 26                   | 158           | 3              | 22                | 30               | 6066.57                        | 1434            | 91                 |
|                | May 2022 | 327                 | 44                   | 289           | 4              | 37                | 240              | 6067.19                        | 1442            | 405                |
|                | Jun 2022 | 293                 | 39                   | 247           | 4              | 54                | 294              | 6059.11                        | 1337            | 484                |
|                | Jul 2022 | 88                  | 8                    | 88            | 4              | 58                | 73               | 6055.29                        | 1289            | 158                |
|                | Aug 2022 | 51                  | 3                    | 64            | 3              | 48                | 31               | 6053.73                        | 1270            | 74                 |
|                | Sep 2022 | 59                  | 4                    | 62            | 3              | 26                | 30               | 6054.04                        | 1274            | 67                 |
| <b>WY 2022</b> |          | <b>1311</b>         | <b>141</b>           | <b>1164</b>   | <b>27</b>      | <b>260</b>        | <b>878</b>       |                                |                 | <b>1580</b>        |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Lake Powell



— BUREAU OF —  
RECLAMATION

|                | Date     | Unreg<br>Inflow<br>(1000 Ac-Ft) | Regulated<br>Inflow<br>(1000 Ac-Ft) | Evap<br>Losses<br>(1000 Ac-Ft) | PowerPlant<br>Release<br>(1000 Ac-Ft) | Bypass<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | Bank<br>Storage<br>(1000 Ac-Ft) | EOM<br>Storage<br>(1000 Ac-Ft) | Lees<br>Ferry Gage<br>(1000 Ac-Ft) |
|----------------|----------|---------------------------------|-------------------------------------|--------------------------------|---------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|---------------------------------|--------------------------------|------------------------------------|
| *              | Oct 2019 | 265                             | 397                                 | 35                             | 625                                   | 0                                 | 625                              | 3612.99                                | 5096                            | 13034                          | 633                                |
| H              | Nov 2019 | 404                             | 466                                 | 34                             | 626                                   | 0                                 | 626                              | 3611.23                                | 5082                            | 12855                          | 630                                |
| I              | Dec 2019 | 353                             | 506                                 | 27                             | 750                                   | 0                                 | 750                              | 3608.74                                | 5062                            | 12604                          | 756                                |
| S              | Jan 2020 | 277                             | 419                                 | 8                              | 760                                   | 0                                 | 760                              | 3605.48                                | 5036                            | 12281                          | 768                                |
| T              | Feb 2020 | 288                             | 393                                 | 9                              | 675                                   | 0                                 | 675                              | 3602.72                                | 5015                            | 12011                          | 687                                |
| O              | Mar 2020 | 475                             | 505                                 | 15                             | 700                                   | 0                                 | 700                              | 3600.71                                | 4999                            | 11818                          | 719                                |
| R              | Apr 2020 | 475                             | 510                                 | 23                             | 630                                   | 0                                 | 630                              | 3599.32                                | 4989                            | 11685                          | 652                                |
| I              | May 2020 | 1541                            | 1253                                | 27                             | 629                                   | 0                                 | 629                              | 3605.05                                | 5033                            | 12239                          | 651                                |
| C              | Jun 2020 | 1453                            | 1293                                | 45                             | 650                                   | 0                                 | 650                              | 3610.62                                | 5077                            | 12793                          | 663                                |
| A              | Jul 2020 | 290                             | 332                                 | 53                             | 750                                   | 0                                 | 750                              | 3606.25                                | 5042                            | 12357                          | 774                                |
| L              | Aug 2020 | -20                             | 200                                 | 51                             | 833                                   | 0                                 | 833                              | 3599.72                                | 4992                            | 11723                          | 861                                |
| *              | Sep 2020 | 47                              | 267                                 | 46                             | 602                                   | 0                                 | 602                              | 3595.98                                | 4963                            | 11371                          | 620                                |
| <b>WY 2020</b> |          | <b>5848</b>                     | <b>6543</b>                         | <b>372</b>                     | <b>8230</b>                           | <b>0</b>                          | <b>8230</b>                      |                                        |                                 |                                | <b>8413</b>                        |
|                | Oct 2020 | 250                             | 349                                 | 31                             | 640                                   | 0                                 | 640                              | 3592.76                                | 4939                            | 11072                          | 656                                |
|                | Nov 2020 | 310                             | 322                                 | 29                             | 640                                   | 0                                 | 640                              | 3589.23                                | 4914                            | 10751                          | 655                                |
|                | Dec 2020 | 270                             | 324                                 | 23                             | 720                                   | 0                                 | 720                              | 3584.87                                | 4883                            | 10362                          | 734                                |
|                | Jan 2021 | 606                             | 590                                 | 7                              | 760                                   | 0                                 | 760                              | 3582.99                                | 4870                            | 10198                          | 778                                |
|                | Feb 2021 | 681                             | 639                                 | 7                              | 680                                   | 0                                 | 680                              | 3582.48                                | 4866                            | 10154                          | 701                                |
|                | Mar 2021 | 1114                            | 1016                                | 13                             | 710                                   | 0                                 | 710                              | 3585.58                                | 4888                            | 10425                          | 734                                |
|                | Apr 2021 | 1613                            | 1397                                | 21                             | 640                                   | 0                                 | 640                              | 3593.13                                | 4942                            | 11106                          | 656                                |
|                | May 2021 | 3777                            | 3253                                | 28                             | 630                                   | 0                                 | 630                              | 3617.58                                | 5134                            | 13509                          | 643                                |
|                | Jun 2021 | 4428                            | 4159                                | 52                             | 660                                   | 0                                 | 660                              | 3645.81                                | 5390                            | 16700                          | 668                                |
|                | Jul 2021 | 1532                            | 1290                                | 69                             | 750                                   | 0                                 | 750                              | 3649.36                                | 5425                            | 17136                          | 765                                |
|                | Aug 2021 | 760                             | 792                                 | 70                             | 800                                   | 0                                 | 800                              | 3648.77                                | 5419                            | 17063                          | 816                                |
|                | Sep 2021 | 658                             | 739                                 | 64                             | 600                                   | 0                                 | 600                              | 3649.33                                | 5424                            | 17132                          | 613                                |
| <b>WY 2021</b> |          | <b>16000</b>                    | <b>14869</b>                        | <b>416</b>                     | <b>8230</b>                           | <b>0</b>                          | <b>8230</b>                      |                                        |                                 |                                | <b>8418</b>                        |
|                | Oct 2021 | 742                             | 798                                 | 45                             | 640                                   | 0                                 | 640                              | 3650.17                                | 5433                            | 17237                          | 656                                |
|                | Nov 2021 | 570                             | 670                                 | 43                             | 640                                   | 0                                 | 640                              | 3650.08                                | 5432                            | 17226                          | 652                                |
|                | Dec 2021 | 398                             | 637                                 | 35                             | 720                                   | 0                                 | 720                              | 3649.20                                | 5423                            | 17117                          | 730                                |
|                | Jan 2022 | 391                             | 600                                 | 11                             | 950                                   | 0                                 | 950                              | 3646.49                                | 5396                            | 16782                          | 967                                |
|                | Feb 2022 | 426                             | 595                                 | 12                             | 950                                   | 0                                 | 950                              | 3643.68                                | 5369                            | 16442                          | 970                                |
|                | Mar 2022 | 733                             | 755                                 | 19                             | 1100                                  | 0                                 | 1100                             | 3640.86                                | 5342                            | 16105                          | 1115                               |
|                | Apr 2022 | 1243                            | 1110                                | 30                             | 1050                                  | 0                                 | 1050                             | 3641.09                                | 5344                            | 16132                          | 1065                               |
|                | May 2022 | 2909                            | 2649                                | 38                             | 1050                                  | 0                                 | 1050                             | 3652.89                                | 5460                            | 17578                          | 1058                               |
|                | Jun 2022 | 3590                            | 3181                                | 63                             | 1075                                  | 0                                 | 1075                             | 3667.31                                | 5611                            | 19469                          | 1079                               |
|                | Jul 2022 | 1593                            | 1378                                | 79                             | 1250                                  | 0                                 | 1250                             | 3667.64                                | 5615                            | 19515                          | 1264                               |
|                | Aug 2022 | 646                             | 700                                 | 78                             | 1280                                  | 0                                 | 1280                             | 3663.13                                | 5566                            | 18906                          | 1297                               |
|                | Sep 2022 | 500                             | 592                                 | 70                             | 968                                   | 0                                 | 968                              | 3660.00                                | 5533                            | 18493                          | 981                                |
| <b>WY 2022</b> |          | <b>13740</b>                    | <b>13665</b>                        | <b>522</b>                     | <b>11673</b>                          | <b>0</b>                          | <b>11673</b>                     |                                        |                                 |                                | <b>11835</b>                       |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Hoover Dam - Lake Mead



— BUREAU OF —  
RECLAMATION

|                |          | Glen<br>Release<br>(1000 Ac-Ft) | Side Inflow<br>Glen to Hoover<br>(1000 Ac-Ft) | Evap<br>Losses<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 CFS) | SNWP<br>Use<br>(1000 Ac-Ft) | Downstream<br>Requirements<br>(1000 Ac-Ft) | Bank<br>Storage<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | EOM<br>Storage<br>(1000 Ac-Ft) |
|----------------|----------|---------------------------------|-----------------------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|--------------------------------------------|---------------------------------|----------------------------------------|--------------------------------|
| Date           |          |                                 |                                               |                                |                                  |                                |                             |                                            |                                 |                                        |                                |
| *              | Oct 2019 | 625                             | 34                                            | 43                             | 626                              | 10.2                           | 25                          | 621                                        | 665                             | 1082.61                                | 10228                          |
| H              | Nov 2019 | 626                             | 116                                           | 40                             | 575                              | 9.7                            | 13                          | 553                                        | 672                             | 1083.85                                | 10333                          |
| I              | Dec 2019 | 750                             | 118                                           | 37                             | 220                              | 3.6                            | 7                           | 214                                        | 708                             | 1090.49                                | 10899                          |
| S              | Jan 2020 | 760                             | 75                                            | 31                             | 405                              | 6.6                            | 9                           | 404                                        | 732                             | 1094.68                                | 11265                          |
| T              | Feb 2020 | 675                             | 68                                            | 29                             | 557                              | 9.7                            | 9                           | 550                                        | 741                             | 1096.27                                | 11405                          |
| O              | Mar 2020 | 700                             | 156                                           | 33                             | 593                              | 9.6                            | 12                          | 568                                        | 755                             | 1098.59                                | 11610                          |
| R              | Apr 2020 | 630                             | 83                                            | 41                             | 862                              | 14.5                           | 18                          | 847                                        | 742                             | 1096.39                                | 11415                          |
| I              | May 2020 | 629                             | 33                                            | 46                             | 1057                             | 17.2                           | 32                          | 1054                                       | 713                             | 1091.32                                | 10971                          |
| C              | Jun 2020 | 650                             | 19                                            | 55                             | 973                              | 16.4                           | 31                          | 973                                        | 689                             | 1087.07                                | 10605                          |
| A              | Jul 2020 | 750                             | 35                                            | 68                             | 902                              | 14.7                           | 36                          | 901                                        | 676                             | 1084.63                                | 10398                          |
| L              | Aug 2020 | 833                             | 69                                            | 72                             | 847                              | 13.8                           | 37                          | 845                                        | 673                             | 1084.04                                | 10349                          |
| *              | Sep 2020 | 602                             | 57                                            | 59                             | 646                              | 10.9                           | 29                          | 645                                        | 668                             | 1083.21                                | 10279                          |
| <b>WY 2020</b> |          | <b>8230</b>                     | <b>863</b>                                    | <b>553</b>                     | <b>8263</b>                      |                                | <b>256</b>                  | <b>8176</b>                                |                                 |                                        |                                |
|                | Oct 2020 | 640                             | 91                                            | 43                             | 760                              | 12.4                           | 19                          | 760                                        | 663                             | 1082.19                                | 10193                          |
|                | Nov 2020 | 640                             | 83                                            | 43                             | 702                              | 11.8                           | 11                          | 702                                        | 661                             | 1081.82                                | 10162                          |
|                | Dec 2020 | 720                             | 79                                            | 37                             | 427                              | 7.0                            | 5                           | 427                                        | 681                             | 1085.50                                | 10472                          |
|                | Jan 2021 | 760                             | 98                                            | 31                             | 501                              | 8.1                            | 11                          | 501                                        | 700                             | 1088.97                                | 10769                          |
|                | Feb 2021 | 680                             | 116                                           | 28                             | 501                              | 9.0                            | 11                          | 501                                        | 716                             | 1091.74                                | 11008                          |
|                | Mar 2021 | 710                             | 131                                           | 32                             | 950                              | 15.5                           | 15                          | 950                                        | 706                             | 1090.05                                | 10862                          |
|                | Apr 2021 | 640                             | 88                                            | 39                             | 1014                             | 17.0                           | 21                          | 1014                                       | 685                             | 1086.26                                | 10536                          |
|                | May 2021 | 630                             | 69                                            | 45                             | 975                              | 15.9                           | 27                          | 975                                        | 664                             | 1082.39                                | 10210                          |
|                | Jun 2021 | 660                             | 43                                            | 53                             | 930                              | 15.6                           | 28                          | 930                                        | 645                             | 1078.91                                | 9921                           |
|                | Jul 2021 | 750                             | 82                                            | 66                             | 810                              | 13.2                           | 28                          | 810                                        | 640                             | 1078.09                                | 9853                           |
|                | Aug 2021 | 800                             | 92                                            | 70                             | 769                              | 12.5                           | 28                          | 769                                        | 642                             | 1078.37                                | 9876                           |
|                | Sep 2021 | 600                             | 71                                            | 57                             | 696                              | 11.7                           | 25                          | 696                                        | 635                             | 1077.15                                | 9776                           |
| <b>WY 2021</b> |          | <b>8230</b>                     | <b>1042</b>                                   | <b>544</b>                     | <b>9035</b>                      |                                | <b>228</b>                  | <b>9035</b>                                |                                 |                                        |                                |
|                | Oct 2021 | 640                             | 89                                            | 42                             | 503                              | 8.2                            | 24                          | 503                                        | 645                             | 1078.98                                | 9927                           |
|                | Nov 2021 | 640                             | 69                                            | 42                             | 622                              | 10.4                           | 17                          | 622                                        | 647                             | 1079.30                                | 9953                           |
|                | Dec 2021 | 720                             | 57                                            | 37                             | 459                              | 7.5                            | 12                          | 459                                        | 663                             | 1082.34                                | 10205                          |
|                | Jan 2022 | 950                             | 94                                            | 30                             | 530                              | 8.6                            | 13                          | 530                                        | 692                             | 1087.57                                | 10648                          |
|                | Feb 2022 | 950                             | 112                                           | 28                             | 531                              | 9.6                            | 13                          | 531                                        | 722                             | 1092.89                                | 11108                          |
|                | Mar 2022 | 1100                            | 86                                            | 32                             | 980                              | 15.9                           | 18                          | 980                                        | 732                             | 1094.56                                | 11254                          |
|                | Apr 2022 | 1050                            | 81                                            | 40                             | 1045                             | 17.6                           | 25                          | 1045                                       | 733                             | 1094.79                                | 11274                          |
|                | May 2022 | 1050                            | 44                                            | 46                             | 1006                             | 16.4                           | 32                          | 1006                                       | 733                             | 1094.88                                | 11283                          |
|                | Jun 2022 | 1075                            | 23                                            | 56                             | 960                              | 16.1                           | 33                          | 960                                        | 736                             | 1095.41                                | 11329                          |
|                | Jul 2022 | 1250                            | 79                                            | 71                             | 840                              | 13.7                           | 33                          | 840                                        | 760                             | 1099.50                                | 11691                          |
|                | Aug 2022 | 1280                            | 95                                            | 77                             | 798                              | 13.0                           | 34                          | 798                                        | 788                             | 1104.37                                | 12128                          |
|                | Sep 2022 | 968                             | 75                                            | 64                             | 726                              | 12.2                           | 29                          | 726                                        | 802                             | 1106.67                                | 12339                          |
| <b>WY 2022</b> |          | <b>11673</b>                    | <b>902</b>                                    | <b>566</b>                     | <b>9000</b>                      |                                | <b>281</b>                  | <b>9000</b>                                |                                 |                                        |                                |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Davis Dam - Lake Mohave



— BUREAU OF —  
RECLAMATION

|                | Date     | Hoover Release<br>(1000 Ac-Ft) | Side Inflow<br>(1000 Ac-Ft) | Evap Losses<br>(1000 Ac-Ft) | Power Release<br>(1000 Ac-Ft) | Spill Release<br>(1000 Ac-Ft) | Total Release<br>(1000 Ac-Ft) | Total Release<br>(1000 CFS) | Reservoir Elev<br>End of Month<br>(Ft) | EOM Storage<br>(1000 Ac-Ft) |
|----------------|----------|--------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|----------------------------------------|-----------------------------|
| *              | Oct 2019 | 626                            | -24                         | 15                          | 589                           | 0                             | 589                           | 9.6                         | 638.28                                 | 1572                        |
| H              | Nov 2019 | 575                            | -4                          | 11                          | 457                           | 0                             | 457                           | 7.7                         | 642.13                                 | 1675                        |
| I              | Dec 2019 | 220                            | 0                           | 9                           | 248                           | 0                             | 248                           | 4.0                         | 640.77                                 | 1638                        |
| S              | Jan 2020 | 405                            | 0                           | 10                          | 380                           | 0                             | 380                           | 6.2                         | 641.32                                 | 1653                        |
| T              | Feb 2020 | 557                            | -3                          | 10                          | 523                           | 0                             | 523                           | 9.1                         | 642.10                                 | 1674                        |
| O              | Mar 2020 | 593                            | 3                           | 13                          | 549                           | 0                             | 549                           | 8.9                         | 643.32                                 | 1708                        |
| R              | Apr 2020 | 862                            | 4                           | 17                          | 861                           | 0                             | 861                           | 14.5                        | 642.91                                 | 1696                        |
| I              | May 2020 | 1057                           | -2                          | 22                          | 1025                          | 0                             | 1025                          | 16.7                        | 643.17                                 | 1703                        |
| C              | Jun 2020 | 973                            | -10                         | 25                          | 932                           | 0                             | 933                           | 15.7                        | 643.34                                 | 1708                        |
| A              | Jul 2020 | 902                            | -4                          | 25                          | 884                           | 0                             | 884                           | 14.4                        | 642.91                                 | 1696                        |
| L              | Aug 2020 | 847                            | -10                         | 23                          | 822                           | 0                             | 822                           | 13.4                        | 642.61                                 | 1688                        |
| *              | Sep 2020 | 646                            | 1                           | 18                          | 791                           | 0                             | 791                           | 13.3                        | 636.50                                 | 1525                        |
| <b>WY 2020</b> |          | <b>8263</b>                    | <b>-51</b>                  | <b>198</b>                  | <b>8063</b>                   | <b>0</b>                      | <b>8063</b>                   |                             |                                        |                             |
|                | Oct 2020 | 760                            | -10                         | 15                          | 748                           | 0                             | 748                           | 12.2                        | 636.00                                 | 1512                        |
|                | Nov 2020 | 702                            | -19                         | 10                          | 621                           | 0                             | 621                           | 10.4                        | 638.00                                 | 1564                        |
|                | Dec 2020 | 427                            | -12                         | 9                           | 366                           | 0                             | 366                           | 6.0                         | 639.51                                 | 1604                        |
|                | Jan 2021 | 501                            | -21                         | 10                          | 408                           | 0                             | 408                           | 6.6                         | 641.80                                 | 1666                        |
|                | Feb 2021 | 501                            | -10                         | 10                          | 481                           | 0                             | 481                           | 8.7                         | 641.80                                 | 1666                        |
|                | Mar 2021 | 950                            | -12                         | 13                          | 891                           | 0                             | 891                           | 14.5                        | 643.05                                 | 1700                        |
|                | Apr 2021 | 1014                           | -12                         | 17                          | 987                           | 0                             | 987                           | 16.6                        | 643.00                                 | 1699                        |
|                | May 2021 | 975                            | -10                         | 22                          | 943                           | 0                             | 943                           | 15.3                        | 643.00                                 | 1699                        |
|                | Jun 2021 | 930                            | -15                         | 25                          | 889                           | 0                             | 889                           | 14.9                        | 643.00                                 | 1699                        |
|                | Jul 2021 | 810                            | -12                         | 25                          | 800                           | 0                             | 800                           | 13.0                        | 642.00                                 | 1671                        |
|                | Aug 2021 | 769                            | -12                         | 23                          | 734                           | 0                             | 734                           | 11.9                        | 642.00                                 | 1671                        |
|                | Sep 2021 | 696                            | -15                         | 18                          | 717                           | 0                             | 717                           | 12.0                        | 640.01                                 | 1618                        |
| <b>WY 2021</b> |          | <b>9035</b>                    | <b>-159</b>                 | <b>197</b>                  | <b>8585</b>                   | <b>0</b>                      | <b>8585</b>                   |                             |                                        |                             |
|                | Oct 2021 | 503                            | -10                         | 15                          | 661                           | 0                             | 661                           | 10.8                        | 633.00                                 | 1434                        |
|                | Nov 2021 | 622                            | -19                         | 10                          | 542                           | 0                             | 542                           | 9.1                         | 635.00                                 | 1486                        |
|                | Dec 2021 | 459                            | -12                         | 9                           | 319                           | 0                             | 319                           | 5.2                         | 639.51                                 | 1604                        |
|                | Jan 2022 | 530                            | -21                         | 10                          | 437                           | 0                             | 437                           | 7.1                         | 641.80                                 | 1666                        |
|                | Feb 2022 | 531                            | -10                         | 10                          | 511                           | 0                             | 511                           | 9.2                         | 641.80                                 | 1666                        |
|                | Mar 2022 | 980                            | -12                         | 13                          | 921                           | 0                             | 921                           | 15.0                        | 643.05                                 | 1700                        |
|                | Apr 2022 | 1045                           | -12                         | 17                          | 1017                          | 0                             | 1017                          | 17.1                        | 643.00                                 | 1699                        |
|                | May 2022 | 1006                           | -10                         | 22                          | 974                           | 0                             | 974                           | 15.8                        | 643.00                                 | 1699                        |
|                | Jun 2022 | 960                            | -15                         | 25                          | 920                           | 0                             | 920                           | 15.5                        | 643.00                                 | 1699                        |
|                | Jul 2022 | 840                            | -12                         | 25                          | 830                           | 0                             | 830                           | 13.5                        | 642.00                                 | 1671                        |
|                | Aug 2022 | 798                            | -12                         | 23                          | 763                           | 0                             | 763                           | 12.4                        | 642.00                                 | 1671                        |
|                | Sep 2022 | 726                            | -15                         | 18                          | 747                           | 0                             | 747                           | 12.6                        | 640.01                                 | 1618                        |
| <b>WY 2022</b> |          | <b>9000</b>                    | <b>-159</b>                 | <b>197</b>                  | <b>8643</b>                   | <b>0</b>                      | <b>8643</b>                   |                             |                                        |                             |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Parker Dam - Lake Havasu



— BUREAU OF —  
RECLAMATION

|                | Date     | Davis<br>Release<br>(1000 Ac-Ft) | Side<br>Inflow<br>(1000 Ac-Ft) | Evap<br>Losses<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 Ac-Ft) | Total<br>Release<br>(1000 CFS) | MWD<br>Diversion<br>(1000 Ac-Ft) | CAP<br>Diversion<br>(1000 Ac-Ft) | Reservoir Elev<br>End of Month<br>(Ft) | EOM<br>Storage<br>(1000 Ac-Ft) | Flow To<br>Mexico<br>(1000 Ac-Ft) | Flow To<br>Mexico<br>(1000 CFS) |
|----------------|----------|----------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------------|--------------------------------|-----------------------------------|---------------------------------|
| *              | Oct 2019 | 589                              | 18                             | 12                             | 430                              | 7.0                            | 30                               | 151                              | 447.77                                 | 576                            | 68                                | 1.1                             |
| H              | Nov 2019 | 457                              | 22                             | 9                              | 300                              | 5.0                            | 16                               | 125                              | 449.10                                 | 601                            | 118                               | 2.0                             |
| I              | Dec 2019 | 248                              | 20                             | 7                              | 159                              | 2.6                            | 46                               | 72                               | 448.16                                 | 583                            | 109                               | 1.8                             |
| S              | Jan 2020 | 380                              | 1                              | 6                              | 311                              | 5.1                            | 17                               | 75                               | 446.50                                 | 552                            | 106                               | 1.7                             |
| T              | Feb 2020 | 523                              | -3                             | 8                              | 400                              | 6.9                            | 3                                | 75                               | 448.15                                 | 583                            | 138                               | 2.4                             |
| O              | Mar 2020 | 549                              | 15                             | 9                              | 455                              | 7.4                            | 43                               | 94                               | 446.04                                 | 543                            | 198                               | 3.2                             |
| R              | Apr 2020 | 861                              | 29                             | 11                             | 642                              | 10.8                           | 55                               | 148                              | 447.41                                 | 569                            | 171                               | 2.9                             |
| I              | May 2020 | 1025                             | -6                             | 13                             | 752                              | 12.2                           | 61                               | 180                              | 447.51                                 | 571                            | 132                               | 2.1                             |
| C              | Jun 2020 | 933                              | -5                             | 15                             | 700                              | 11.8                           | 94                               | 103                              | 447.85                                 | 577                            | 142                               | 2.4                             |
| A              | Jul 2020 | 884                              | 2                              | 17                             | 700                              | 11.4                           | 95                               | 69                               | 447.58                                 | 572                            | 156                               | 2.5                             |
| L              | Aug 2020 | 822                              | 2                              | 17                             | 649                              | 10.6                           | 79                               | 61                               | 448.03                                 | 581                            | 131                               | 2.1                             |
| *              | Sep 2020 | 791                              | 5                              | 15                             | 542                              | 9.1                            | 92                               | 164                              | 446.61                                 | 554                            | 116                               | 2.0                             |
| <b>WY 2020</b> |          | <b>8063</b>                      | <b>100</b>                     | <b>139</b>                     | <b>6041</b>                      |                                | <b>631</b>                       | <b>1319</b>                      |                                        |                                | <b>1584</b>                       |                                 |
|                | Oct 2020 | 748                              | 24                             | 12                             | 464                              | 7.5                            | 99                               | 175                              | 447.50                                 | 570                            | 63                                | 1.0                             |
|                | Nov 2020 | 621                              | 16                             | 9                              | 369                              | 6.2                            | 95                               | 159                              | 447.50                                 | 570                            | 90                                | 1.5                             |
|                | Dec 2020 | 366                              | 22                             | 7                              | 235                              | 3.8                            | 98                               | 64                               | 446.50                                 | 552                            | 93                                | 1.5                             |
|                | Jan 2021 | 408                              | 20                             | 6                              | 255                              | 4.2                            | 77                               | 85                               | 446.50                                 | 552                            | 102                               | 1.7                             |
|                | Feb 2021 | 481                              | 10                             | 8                              | 393                              | 7.1                            | 4                                | 80                               | 446.50                                 | 552                            | 127                               | 2.3                             |
|                | Mar 2021 | 891                              | 5                              | 9                              | 638                              | 10.4                           | 73                               | 163                              | 446.70                                 | 555                            | 168                               | 2.7                             |
|                | Apr 2021 | 987                              | 8                              | 11                             | 708                              | 11.9                           | 71                               | 157                              | 448.70                                 | 593                            | 154                               | 2.6                             |
|                | May 2021 | 943                              | 15                             | 13                             | 706                              | 11.5                           | 62                               | 165                              | 448.70                                 | 593                            | 127                               | 2.1                             |
|                | Jun 2021 | 889                              | 11                             | 16                             | 718                              | 12.1                           | 59                               | 94                               | 448.70                                 | 593                            | 140                               | 2.4                             |
|                | Jul 2021 | 800                              | 18                             | 17                             | 693                              | 11.3                           | 62                               | 47                               | 448.00                                 | 580                            | 151                               | 2.5                             |
|                | Aug 2021 | 734                              | 17                             | 17                             | 624                              | 10.1                           | 62                               | 47                               | 447.50                                 | 571                            | 116                               | 1.9                             |
|                | Sep 2021 | 717                              | 17                             | 15                             | 530                              | 8.9                            | 44                               | 134                              | 447.50                                 | 570                            | 112                               | 1.9                             |
| <b>WY 2021</b> |          | <b>8585</b>                      | <b>183</b>                     | <b>139</b>                     | <b>6334</b>                      |                                | <b>805</b>                       | <b>1370</b>                      |                                        |                                | <b>1445</b>                       |                                 |
|                | Oct 2021 | 661                              | 24                             | 12                             | 471                              | 7.7                            | 30                               | 166                              | 447.50                                 | 571                            | 73                                | 1.2                             |
|                | Nov 2021 | 542                              | 16                             | 9                              | 355                              | 6.0                            | 28                               | 160                              | 447.50                                 | 570                            | 91                                | 1.5                             |
|                | Dec 2021 | 319                              | 22                             | 7                              | 237                              | 3.9                            | 30                               | 83                               | 446.50                                 | 552                            | 96                                | 1.6                             |
|                | Jan 2022 | 437                              | 20                             | 6                              | 256                              | 4.2                            | 101                              | 90                               | 446.50                                 | 552                            | 102                               | 1.7                             |
|                | Feb 2022 | 511                              | 10                             | 8                              | 394                              | 7.1                            | 28                               | 84                               | 446.50                                 | 552                            | 127                               | 2.3                             |
|                | Mar 2022 | 921                              | 5                              | 9                              | 640                              | 10.4                           | 97                               | 169                              | 446.70                                 | 555                            | 168                               | 2.7                             |
|                | Apr 2022 | 1017                             | 8                              | 11                             | 710                              | 11.9                           | 94                               | 163                              | 448.70                                 | 593                            | 154                               | 2.6                             |
|                | May 2022 | 974                              | 15                             | 13                             | 708                              | 11.5                           | 85                               | 171                              | 448.70                                 | 593                            | 127                               | 2.1                             |
|                | Jun 2022 | 920                              | 11                             | 16                             | 720                              | 12.1                           | 83                               | 99                               | 448.70                                 | 593                            | 140                               | 2.4                             |
|                | Jul 2022 | 830                              | 18                             | 17                             | 695                              | 11.3                           | 86                               | 51                               | 448.00                                 | 580                            | 151                               | 2.5                             |
|                | Aug 2022 | 763                              | 17                             | 17                             | 625                              | 10.2                           | 86                               | 51                               | 447.50                                 | 571                            | 116                               | 1.9                             |
|                | Sep 2022 | 747                              | 17                             | 15                             | 531                              | 8.9                            | 67                               | 140                              | 447.50                                 | 570                            | 112                               | 1.9                             |
| <b>WY 2022</b> |          | <b>8643</b>                      | <b>183</b>                     | <b>139</b>                     | <b>6341</b>                      |                                | <b>815</b>                       | <b>1427</b>                      |                                        |                                | <b>1458</b>                       |                                 |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Hoover Dam - Lake Mead



— BUREAU OF —  
RECLAMATION

|                | Date     | Power Release<br>(1000 Ac-Ft) | Power Release<br>(1000 CFS) | Reservoir Elev<br>End of Month<br>(Ft) | EOM<br>Storage<br>(1000 Ac-Ft) | Change In<br>Storage<br>(1000 Ac-Ft) | Hoover<br>Static Head<br>(Ft) | Hoover Gen<br>Capacity<br>MW | Hoover<br>Gross Energy<br>MKWH | Percent of<br>Units<br>Available | KWH/AF |
|----------------|----------|-------------------------------|-----------------------------|----------------------------------------|--------------------------------|--------------------------------------|-------------------------------|------------------------------|--------------------------------|----------------------------------|--------|
| *              | Oct 2019 | 626                           | 10.2                        | 1082.61                                | 10228                          | -33                                  | 439.17                        | 1198.0                       | 241.9                          | 74                               | 386.2  |
| H              | Nov 2019 | 575                           | 9.7                         | 1083.85                                | 10333                          | 104                                  | 438.74                        | 1192.0                       | 221.9                          | 75                               | 386.0  |
| I              | Dec 2019 | 220                           | 3.6                         | 1090.49                                | 10899                          | 567                                  | 448.42                        | 838.0                        | 81.6                           | 52                               | 371.4  |
| S              | Jan 2020 | 405                           | 6.6                         | 1094.68                                | 11265                          | 366                                  | 451.06                        | 1152.1                       | 160.0                          | 70                               | 395.1  |
| T              | Feb 2020 | 557                           | 9.7                         | 1096.27                                | 11405                          | 140                                  | 452.31                        | 962.0                        | 224.2                          | 57                               | 402.6  |
| O              | Mar 2020 | 593                           | 9.6                         | 1098.59                                | 11610                          | 205                                  | 450.96                        | 1136.0                       | 237.0                          | 69                               | 399.6  |
| R              | Apr 2020 | 862                           | 14.5                        | 1096.39                                | 11415                          | -194                                 | 447.37                        | 1138.0                       | 351.1                          | 69                               | 407.4  |
| I              | May 2020 | 1057                          | 17.2                        | 1091.32                                | 10971                          | -444                                 | 443.68                        | 1385.0                       | 424.4                          | 85                               | 401.5  |
| C              | Jun 2020 | 973                           | 16.4                        | 1087.07                                | 10605                          | -366                                 | 438.87                        | 1511.0                       | 383.4                          | 94                               | 393.9  |
| A              | Jul 2020 | 902                           | 14.7                        | 1084.63                                | 10398                          | -207                                 | 437.22                        | 1502.1                       | 351.6                          | 94                               | 389.9  |
| L              | Aug 2020 | 847                           | 13.8                        | 1084.04                                | 10349                          | -50                                  | 438.65                        | 1502.1                       | 328.8                          | 94                               | 388.2  |
| *              | Sep 2020 | 646                           | 10.9                        | 1083.21                                | 10279                          | -70                                  | 441.07                        | 1264.0                       | 250.3                          | 81                               | 387.6  |
| <b>WY 2020</b> |          | <b>8263</b>                   |                             |                                        |                                |                                      |                               |                              | <b>3256.3</b>                  |                                  |        |
|                | Oct 2020 | 760                           | 12.4                        | 1082.19                                | 10193                          | -85                                  | 436.36                        | 1154.0                       | 302.2                          | 74                               | 397.4  |
|                | Nov 2020 | 702                           | 11.8                        | 1081.82                                | 10162                          | -31                                  | 433.83                        | 1348.0                       | 274.5                          | 87                               | 390.9  |
|                | Dec 2020 | 427                           | 7.0                         | 1085.50                                | 10472                          | 309                                  | 434.33                        | 1363.1                       | 164.9                          | 87                               | 385.8  |
|                | Jan 2021 | 501                           | 8.1                         | 1088.97                                | 10769                          | 297                                  | 437.32                        | 1291.1                       | 197.9                          | 80                               | 395.3  |
|                | Feb 2021 | 501                           | 9.0                         | 1091.74                                | 11008                          | 240                                  | 441.09                        | 1104.0                       | 197.0                          | 67                               | 392.9  |
|                | Mar 2021 | 950                           | 15.5                        | 1090.05                                | 10862                          | -147                                 | 440.95                        | 1133.1                       | 385.6                          | 70                               | 405.9  |
|                | Apr 2021 | 1014                          | 17.0                        | 1086.26                                | 10536                          | -325                                 | 437.83                        | 1121.0                       | 408.8                          | 70                               | 403.0  |
|                | May 2021 | 975                           | 15.9                        | 1082.39                                | 10210                          | -327                                 | 432.12                        | 1377.0                       | 384.6                          | 88                               | 394.4  |
|                | Jun 2021 | 930                           | 15.6                        | 1078.91                                | 9921                           | -289                                 | 427.16                        | 1536.0                       | 359.9                          | 100                              | 387.1  |
|                | Jul 2021 | 810                           | 13.2                        | 1078.09                                | 9853                           | -67                                  | 425.36                        | 1536.0                       | 312.9                          | 100                              | 386.5  |
|                | Aug 2021 | 769                           | 12.5                        | 1078.37                                | 9876                           | 23                                   | 425.42                        | 1553.0                       | 295.5                          | 100                              | 384.5  |
|                | Sep 2021 | 696                           | 11.7                        | 1077.15                                | 9776                           | -100                                 | 425.60                        | 1553.0                       | 265.6                          | 100                              | 381.8  |
| <b>WY 2021</b> |          | <b>9035</b>                   |                             |                                        |                                |                                      |                               |                              | <b>3549.5</b>                  |                                  |        |
|                | Oct 2021 | 503                           | 8.2                         | 1078.98                                | 9927                           | 151                                  | 429.15                        | 1413.1                       | 195.3                          | 91                               | 388.3  |
|                | Nov 2021 | 622                           | 10.4                        | 1079.30                                | 9953                           | 26                                   | 436.00                        | 917.0                        | 247.6                          | 58                               | 398.3  |
|                | Dec 2021 | 459                           | 7.5                         | 1082.34                                | 10205                          | 252                                  | 433.12                        | 1311.1                       | 178.4                          | 81                               | 388.5  |
|                | Jan 2022 | 530                           | 8.6                         | 1087.57                                | 10648                          | 443                                  | 435.08                        | 1290.8                       | 203.2                          | 80                               | 383.7  |
|                | Feb 2022 | 531                           | 9.6                         | 1092.89                                | 11108                          | 460                                  | 438.86                        | 1431.4                       | 207.6                          | 87                               | 391.1  |
|                | Mar 2022 | 980                           | 15.9                        | 1094.56                                | 11254                          | 146                                  | 443.76                        | 1160.1                       | 401.9                          | 70                               | 410.0  |
|                | Apr 2022 | 1045                          | 17.6                        | 1094.79                                | 11274                          | 20                                   | 444.31                        | 1159.5                       | 428.9                          | 70                               | 410.5  |
|                | May 2022 | 1006                          | 16.4                        | 1094.88                                | 11283                          | 8                                    | 442.56                        | 1454.0                       | 401.0                          | 88                               | 398.5  |
|                | Jun 2022 | 960                           | 16.1                        | 1095.41                                | 11329                          | 47                                   | 441.54                        | 1659.7                       | 378.3                          | 100                              | 393.9  |
|                | Jul 2022 | 840                           | 13.7                        | 1099.50                                | 11691                          | 362                                  | 444.16                        | 1679.7                       | 339.4                          | 100                              | 404.3  |
|                | Aug 2022 | 798                           | 13.0                        | 1104.37                                | 12128                          | 438                                  | 448.93                        | 1707.0                       | 324.1                          | 100                              | 406.0  |
|                | Sep 2022 | 726                           | 12.2                        | 1106.67                                | 12339                          | 210                                  | 453.14                        | 1719.4                       | 295.0                          | 100                              | 406.4  |
| <b>WY 2022</b> |          | <b>9000</b>                   |                             |                                        |                                |                                      |                               |                              | <b>3600.8</b>                  |                                  |        |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

Model Run ID: 3129

Processed On: 10/14/2020 5:23:20PM

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Davis Dam - Lake Mohave



— BUREAU OF —  
RECLAMATION

|                | Date     | Power Release<br>(1000 Ac-Ft) | Power Release<br>(1000 CFS) | Reservoir Elev<br>End of Month<br>(Ft) | EOM<br>Storage<br>(1000 Ac-Ft) | Change In<br>Storage<br>(1000 Ac-Ft) | Davis<br>Static Head<br>(Ft) | Davis Gen<br>Capacity<br>MW | Davis<br>Gross Energy<br>MKWH | Percent of<br>Units<br>Available | KWH/AF |
|----------------|----------|-------------------------------|-----------------------------|----------------------------------------|--------------------------------|--------------------------------------|------------------------------|-----------------------------|-------------------------------|----------------------------------|--------|
| *              | Oct 2019 | 589                           | 9.6                         | 638.28                                 | 1572                           | -2                                   | 138.85                       | 243.5                       | 73.2                          | 95                               | 124.4  |
| H              | Nov 2019 | 457                           | 7.7                         | 642.13                                 | 1675                           | 103                                  | 143.18                       | 153.0                       | 55.6                          | 60                               | 121.7  |
| I              | Dec 2019 | 248                           | 4.0                         | 640.77                                 | 1638                           | -37                                  | 141.96                       | 156.3                       | 30.5                          | 61                               | 123.3  |
| S              | Jan 2020 | 380                           | 6.2                         | 641.32                                 | 1653                           | 15                                   | 141.95                       | 156.3                       | 49.9                          | 61                               | 131.3  |
| T              | Feb 2020 | 523                           | 9.1                         | 642.10                                 | 1674                           | 21                                   | 139.59                       | 156.5                       | 68.9                          | 61                               | 131.6  |
| O              | Mar 2020 | 549                           | 8.9                         | 643.32                                 | 1708                           | 33                                   | 142.51                       | 164.5                       | 67.4                          | 65                               | 122.6  |
| R              | Apr 2020 | 861                           | 14.5                        | 642.91                                 | 1696                           | -11                                  | 137.62                       | 253.3                       | 109.7                         | 99                               | 127.4  |
| I              | May 2020 | 1025                          | 16.7                        | 643.17                                 | 1703                           | 7                                    | 140.19                       | 255.0                       | 128.5                         | 100                              | 125.3  |
| C              | Jun 2020 | 932                           | 15.7                        | 643.34                                 | 1708                           | 5                                    | 140.36                       | 255.0                       | 117.3                         | 100                              | 125.8  |
| A              | Jul 2020 | 884                           | 14.4                        | 642.91                                 | 1696                           | -12                                  | 139.88                       | 255.0                       | 112.0                         | 100                              | 126.7  |
| L              | Aug 2020 | 822                           | 13.4                        | 642.61                                 | 1688                           | -8                                   | 141.10                       | 255.0                       | 104.0                         | 100                              | 126.5  |
| *              | Sep 2020 | 791                           | 13.3                        | 636.50                                 | 1525                           | -163                                 | 133.32                       | 255.0                       | 98.1                          | 100                              | 123.9  |
| <b>WY 2020</b> |          | <b>8063</b>                   |                             |                                        | <b>1015.1</b>                  |                                      |                              |                             |                               |                                  |        |
|                | Oct 2020 | 748                           | 12.2                        | 636.00                                 | 1512                           | -13                                  | 133.53                       | 215.5                       | 90.0                          | 85                               | 120.3  |
|                | Nov 2020 | 621                           | 10.4                        | 638.00                                 | 1564                           | 52                                   | 134.97                       | 170.0                       | 75.5                          | 67                               | 121.6  |
|                | Dec 2020 | 366                           | 6.0                         | 639.51                                 | 1604                           | 40                                   | 138.70                       | 154.7                       | 45.8                          | 61                               | 125.0  |
|                | Jan 2021 | 408                           | 6.6                         | 641.80                                 | 1666                           | 62                                   | 140.27                       | 164.5                       | 51.6                          | 65                               | 126.4  |
|                | Feb 2021 | 481                           | 8.7                         | 641.80                                 | 1666                           | 0                                    | 140.51                       | 156.6                       | 60.9                          | 61                               | 126.6  |
|                | Mar 2021 | 891                           | 14.5                        | 643.05                                 | 1700                           | 34                                   | 138.86                       | 200.7                       | 111.5                         | 79                               | 125.1  |
|                | Apr 2021 | 987                           | 16.6                        | 643.00                                 | 1699                           | -1                                   | 138.74                       | 210.8                       | 123.3                         | 83                               | 125.0  |
|                | May 2021 | 943                           | 15.3                        | 643.00                                 | 1699                           | 0                                    | 139.13                       | 255.0                       | 118.2                         | 100                              | 125.4  |
|                | Jun 2021 | 889                           | 14.9                        | 643.00                                 | 1699                           | 0                                    | 139.27                       | 255.0                       | 111.6                         | 100                              | 125.5  |
|                | Jul 2021 | 800                           | 13.0                        | 642.00                                 | 1671                           | -27                                  | 139.47                       | 255.0                       | 100.5                         | 100                              | 125.6  |
|                | Aug 2021 | 734                           | 11.9                        | 642.00                                 | 1671                           | 0                                    | 139.37                       | 255.0                       | 92.1                          | 100                              | 125.6  |
|                | Sep 2021 | 717                           | 12.0                        | 640.01                                 | 1618                           | -54                                  | 138.33                       | 255.0                       | 89.3                          | 100                              | 124.6  |
| <b>WY 2021</b> |          | <b>8585</b>                   |                             |                                        | <b>1070.3</b>                  |                                      |                              |                             |                               |                                  |        |
|                | Oct 2021 | 661                           | 10.8                        | 633.00                                 | 1434                           | -183                                 | 134.34                       | 227.0                       | 80.0                          | 89                               | 121.0  |
|                | Nov 2021 | 542                           | 9.1                         | 635.00                                 | 1486                           | 51                                   | 132.52                       | 159.8                       | 64.7                          | 63                               | 119.4  |
|                | Dec 2021 | 319                           | 5.2                         | 639.51                                 | 1604                           | 118                                  | 137.55                       | 154.7                       | 39.6                          | 61                               | 123.9  |
|                | Jan 2022 | 437                           | 7.1                         | 641.80                                 | 1666                           | 62                                   | 140.06                       | 156.3                       | 55.2                          | 61                               | 126.2  |
|                | Feb 2022 | 511                           | 9.2                         | 641.80                                 | 1666                           | 0                                    | 140.28                       | 156.6                       | 64.5                          | 61                               | 126.4  |
|                | Mar 2022 | 921                           | 15.0                        | 643.05                                 | 1700                           | 34                                   | 138.68                       | 194.1                       | 115.1                         | 76                               | 124.9  |
|                | Apr 2022 | 1017                          | 17.1                        | 643.00                                 | 1699                           | -1                                   | 138.57                       | 249.9                       | 127.0                         | 98                               | 124.8  |
|                | May 2022 | 974                           | 15.8                        | 643.00                                 | 1699                           | 0                                    | 138.96                       | 255.0                       | 122.0                         | 100                              | 125.2  |
|                | Jun 2022 | 920                           | 15.5                        | 643.00                                 | 1699                           | 0                                    | 139.09                       | 255.0                       | 115.3                         | 100                              | 125.3  |
|                | Jul 2022 | 830                           | 13.5                        | 642.00                                 | 1671                           | -27                                  | 139.29                       | 255.0                       | 104.1                         | 100                              | 125.5  |
|                | Aug 2022 | 763                           | 12.4                        | 642.00                                 | 1671                           | 0                                    | 139.19                       | 255.0                       | 95.7                          | 100                              | 125.4  |
|                | Sep 2022 | 747                           | 12.6                        | 640.01                                 | 1618                           | -54                                  | 138.14                       | 255.0                       | 92.9                          | 100                              | 124.5  |
| <b>WY 2022</b> |          | <b>8643</b>                   |                             |                                        | <b>1076.1</b>                  |                                      |                              |                             |                               |                                  |        |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Parker Dam - Lake Havasu



— BUREAU OF —  
RECLAMATION

|                | Date     | Power Release<br>(1000 Ac-Ft) | Power Release<br>(1000 CFS) | Reservoir Elev<br>End of Month<br>(Ft) | EOM<br>Storage<br>(1000 Ac-Ft) | Change In<br>Storage<br>(1000 Ac-Ft) | Parker<br>Static Head<br>(Ft) | Parker Gen<br>Capacity<br>MW | Parker<br>Gross Energy<br>MKWH | Percent of<br>Units<br>Available | KWH/AF |
|----------------|----------|-------------------------------|-----------------------------|----------------------------------------|--------------------------------|--------------------------------------|-------------------------------|------------------------------|--------------------------------|----------------------------------|--------|
| *              | Oct 2019 | 430                           | 7.0                         | 447.77                                 | 576                            | -24                                  | 83.21                         | 90.0                         | 30.2                           | 75                               | 70.1   |
| H              | Nov 2019 | 300                           | 5.0                         | 449.10                                 | 601                            | 25                                   | 84.29                         | 92.0                         | 20.2                           | 77                               | 67.2   |
| I              | Dec 2019 | 159                           | 2.6                         | 448.16                                 | 583                            | -18                                  | 81.68                         | 100.6                        | 9.4                            | 84                               | 59.1   |
| S              | Jan 2020 | 311                           | 5.1                         | 446.50                                 | 552                            | -31                                  | 80.47                         | 97.7                         | 22.0                           | 81                               | 70.7   |
| T              | Feb 2020 | 400                           | 6.9                         | 448.15                                 | 583                            | 31                                   | 82.44                         | 97.2                         | 28.0                           | 81                               | 70.0   |
| O              | Mar 2020 | 455                           | 7.4                         | 446.04                                 | 543                            | -39                                  | 78.08                         | 120.0                        | 30.0                           | 100                              | 65.9   |
| R              | Apr 2020 | 642                           | 10.8                        | 447.41                                 | 569                            | 25                                   | 81.56                         | 120.0                        | 44.4                           | 100                              | 69.2   |
| I              | May 2020 | 752                           | 12.2                        | 447.51                                 | 571                            | 2                                    | 77.41                         | 120.0                        | 51.8                           | 100                              | 68.9   |
| C              | Jun 2020 | 700                           | 11.8                        | 447.85                                 | 577                            | 6                                    | 79.56                         | 120.0                        | 48.8                           | 100                              | 69.7   |
| A              | Jul 2020 | 700                           | 11.4                        | 447.58                                 | 572                            | -5                                   | 81.49                         | 120.0                        | 48.6                           | 100                              | 69.3   |
| L              | Aug 2020 | 649                           | 10.6                        | 448.03                                 | 581                            | 8                                    | 80.50                         | 120.0                        | 45.0                           | 100                              | 69.3   |
| *              | Sep 2020 | 542                           | 9.1                         | 446.61                                 | 554                            | -27                                  | 78.70                         | 120.0                        | 37.7                           | 100                              | 69.6   |
| <b>WY 2020</b> |          | <b>6041</b>                   |                             |                                        |                                |                                      |                               |                              | <b>416.0</b>                   |                                  |        |
|                | Oct 2020 | 464                           | 7.5                         | 447.50                                 | 570                            | 17                                   | 75.86                         | 90.0                         | 30.4                           | 75                               | 65.6   |
|                | Nov 2020 | 369                           | 6.2                         | 447.50                                 | 570                            | 0                                    | 76.19                         | 92.0                         | 24.0                           | 77                               | 65.1   |
|                | Dec 2020 | 235                           | 3.8                         | 446.50                                 | 552                            | -19                                  | 74.86                         | 109.4                        | 14.5                           | 91                               | 61.9   |
|                | Jan 2021 | 255                           | 4.2                         | 446.50                                 | 552                            | 0                                    | 75.07                         | 94.8                         | 16.0                           | 79                               | 62.6   |
|                | Feb 2021 | 393                           | 7.1                         | 446.50                                 | 552                            | 0                                    | 75.21                         | 92.1                         | 25.5                           | 77                               | 64.9   |
|                | Mar 2021 | 638                           | 10.4                        | 446.70                                 | 555                            | 4                                    | 74.01                         | 120.0                        | 41.3                           | 100                              | 64.8   |
|                | Apr 2021 | 708                           | 11.9                        | 448.70                                 | 593                            | 38                                   | 75.08                         | 120.0                        | 46.6                           | 100                              | 65.8   |
|                | May 2021 | 706                           | 11.5                        | 448.70                                 | 593                            | 0                                    | 76.05                         | 120.0                        | 46.9                           | 100                              | 66.5   |
|                | Jun 2021 | 718                           | 12.1                        | 448.70                                 | 593                            | 0                                    | 76.05                         | 120.0                        | 47.8                           | 100                              | 66.6   |
|                | Jul 2021 | 693                           | 11.3                        | 448.00                                 | 580                            | -13                                  | 75.71                         | 120.0                        | 45.9                           | 100                              | 66.2   |
|                | Aug 2021 | 624                           | 10.1                        | 447.50                                 | 571                            | -9                                   | 75.13                         | 120.0                        | 40.9                           | 100                              | 65.5   |
|                | Sep 2021 | 530                           | 8.9                         | 447.50                                 | 570                            | 0                                    | 74.89                         | 120.0                        | 34.5                           | 100                              | 65.1   |
| <b>WY 2021</b> |          | <b>6334</b>                   |                             |                                        |                                |                                      |                               |                              | <b>414.5</b>                   |                                  |        |
|                | Oct 2021 | 471                           | 7.7                         | 447.50                                 | 571                            | 0                                    | 76.14                         | 92.9                         | 31.0                           | 77                               | 65.8   |
|                | Nov 2021 | 355                           | 6.0                         | 447.50                                 | 570                            | 0                                    | 76.19                         | 92.0                         | 23.1                           | 77                               | 65.0   |
|                | Dec 2021 | 237                           | 3.9                         | 446.50                                 | 552                            | -19                                  | 74.82                         | 110.3                        | 14.7                           | 92                               | 62.0   |
|                | Jan 2022 | 256                           | 4.2                         | 446.50                                 | 552                            | 0                                    | 75.12                         | 93.9                         | 16.0                           | 78                               | 62.6   |
|                | Feb 2022 | 394                           | 7.1                         | 446.50                                 | 552                            | 0                                    | 75.15                         | 93.2                         | 25.6                           | 78                               | 64.9   |
|                | Mar 2022 | 640                           | 10.4                        | 446.70                                 | 555                            | 4                                    | 74.01                         | 120.0                        | 41.4                           | 100                              | 64.8   |
|                | Apr 2022 | 710                           | 11.9                        | 448.70                                 | 593                            | 38                                   | 75.08                         | 120.0                        | 46.7                           | 100                              | 65.8   |
|                | May 2022 | 708                           | 11.5                        | 448.70                                 | 593                            | 0                                    | 76.05                         | 120.0                        | 47.1                           | 100                              | 66.5   |
|                | Jun 2022 | 720                           | 12.1                        | 448.70                                 | 593                            | 0                                    | 76.05                         | 120.0                        | 48.0                           | 100                              | 66.6   |
|                | Jul 2022 | 695                           | 11.3                        | 448.00                                 | 580                            | -13                                  | 75.71                         | 120.0                        | 46.0                           | 100                              | 66.2   |
|                | Aug 2022 | 625                           | 10.2                        | 447.50                                 | 571                            | -9                                   | 75.13                         | 120.0                        | 41.0                           | 100                              | 65.5   |
|                | Sep 2022 | 531                           | 8.9                         | 447.50                                 | 570                            | 0                                    | 74.89                         | 120.0                        | 34.6                           | 100                              | 65.1   |
| <b>WY 2022</b> |          | <b>6341</b>                   |                             |                                        |                                |                                      |                               |                              | <b>415.0</b>                   |                                  |        |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast



# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

## October 2020 24-Month Study

Maximum Probable Inflow\*

### Upper Basin Power



— BUREAU OF —  
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|   |                    | Glen<br>Canyon | Flaming<br>Gorge | Blue<br>Mesa | Morrow<br>Point | Crystal<br>Reservoir | Fontenelle<br>Reservoir |
|---|--------------------|----------------|------------------|--------------|-----------------|----------------------|-------------------------|
|   | Date               | 1000 MWHR      | 1000 MWHR        | 1000 MWHR    | 1000 MWHR       | 1000 MWHR            | 1000 MWHR               |
| * | Oct 2019           | 281            | 31               | 26           | 27              | 18                   | 5                       |
| H | Nov 2019           | 280            | 31               | 22           | 25              | 14                   | 5                       |
| I | Dec 2019           | 336            | 51               | 26           | 30              | 17                   | 5                       |
| S | Jan 2020           | 338            | 51               | 18           | 22              | 11                   | 5                       |
| T | Feb 2020           | 296            | 47               | 12           | 14              | 4                    | 4                       |
| O | Mar 2020           | 307            | 46               | 11           | 13              | 7                    | 4                       |
|   | <b>Winter 2020</b> | <b>1838</b>    | <b>258</b>       | <b>115</b>   | <b>131</b>      | <b>71</b>            | <b>28</b>               |
| R | Apr 2020           | 276            | 44               | 21           | 25              | 16                   | 5                       |
| I | May 2020           | 276            | 37               | 23           | 37              | 19                   | 7                       |
| C | Jun 2020           | 290            | 58               | 24           | 28              | 18                   | 8                       |
| A | Jul 2020           | 335            | 35               | 27           | 32              | 18                   | 9                       |
| L | Aug 2020           | 367            | 43               | 28           | 32              | 19                   | 7                       |
| * | Sep 2020           | 262            | 37               | 23           | 28              | 11                   | 2                       |
|   | <b>Summer 2020</b> | <b>1806</b>    | <b>254</b>       | <b>146</b>   | <b>182</b>      | <b>102</b>           | <b>37</b>               |
|   | Oct 2020           | 264            | 22               | 19           | 26              | 13                   | 2                       |
|   | Nov 2020           | 262            | 20               | 4            | 6               | 3                    | 5                       |
|   | Dec 2020           | 292            | 29               | 4            | 6               | 3                    | 5                       |
|   | Jan 2021           | 306            | 29               | 3            | 5               | 4                    | 4                       |
|   | Feb 2021           | 273            | 26               | 3            | 5               | 3                    | 4                       |
|   | Mar 2021           | 286            | 69               | 0            | 5               | 4                    | 4                       |
|   | <b>Winter 2021</b> | <b>1685</b>    | <b>195</b>       | <b>34</b>    | <b>53</b>       | <b>31</b>            | <b>23</b>               |
|   | Apr 2021           | 261            | 67               | 0            | 27              | 17                   | 5                       |
|   | May 2021           | 266            | 70               | 2            | 37              | 23                   | 7                       |
|   | Jun 2021           | 294            | 81               | 64           | 97              | 22                   | 7                       |
|   | Jul 2021           | 345            | 25               | 32           | 38              | 21                   | 8                       |
|   | Aug 2021           | 369            | 38               | 33           | 39              | 21                   | 7                       |
|   | Sep 2021           | 277            | 41               | 32           | 37              | 9                    | 2                       |
|   | <b>Summer 2021</b> | <b>1811</b>    | <b>322</b>       | <b>163</b>   | <b>275</b>      | <b>113</b>           | <b>36</b>               |
|   | Oct 2021           | 296            | 39               | 29           | 34              | 18                   | 6                       |
|   | Nov 2021           | 296            | 47               | 20           | 24              | 13                   | 6                       |
|   | Dec 2021           | 332            | 65               | 34           | 41              | 21                   | 6                       |
|   | Jan 2022           | 435            | 65               | 24           | 30              | 15                   | 6                       |
|   | Feb 2022           | 434            | 58               | 21           | 27              | 14                   | 5                       |
|   | Mar 2022           | 500            | 60               | 16           | 21              | 11                   | 5                       |
|   | <b>Winter 2022</b> | <b>2295</b>    | <b>334</b>       | <b>145</b>   | <b>179</b>      | <b>91</b>            | <b>33</b>               |
|   | Apr 2022           | 475            | 58               | 20           | 30              | 17                   | 4                       |
|   | May 2022           | 481            | 32               | 58           | 95              | 23                   | 6                       |
|   | Jun 2022           | 504            | 96               | 12           | 24              | 19                   | 7                       |
|   | Jul 2022           | 595            | 29               | 30           | 37              | 20                   | 8                       |
|   | Aug 2022           | 606            | 36               | 34           | 40              | 21                   | 7                       |
|   | Sep 2022           | 457            | 35               | 32           | 38              | 8                    | 5                       |
|   | <b>Summer 2022</b> | <b>2661</b>    | <b>251</b>       | <b>154</b>   | <b>225</b>      | <b>100</b>           | <b>33</b>               |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

# OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

October 2020 24-Month Study

Maximum Probable Inflow\*

## Flood Control Criteria - Beginning of Month Conditions



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| Date                      | Flaming<br>Gorge<br>KAF | Blue<br>Mesa<br>KAF | Navajo<br>KAF | Lake<br>Powell<br>KAF | Upper 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 Max<br>Allow<br>KAF | Lake<br>Powell<br>KAF | Lake<br>Mead<br>KAF | Total<br>KAF | BOM Space<br>Required<br>KAF | Mead<br>Sched Rel<br>KAF | Mead<br>FC Rel<br>KAF | Sys<br>Cont<br>MAF |
|---------------------------|-------------------------|---------------------|---------------|-----------------------|-----------------------------|---------------------|--------------|----------------------------|---------------------|---------------|----------------------------|-----------------------|---------------------|--------------|------------------------------|--------------------------|-----------------------|--------------------|
| **** PREDICTED SPACE **** |                         |                     |               |                       |                             |                     |              | **** CREDITABLE SPACE **** |                     |               |                            |                       |                     |              |                              |                          |                       |                    |
| Oct 2020                  | 640                     | 391                 | 547           | 12951                 | 14529                       | 17098               | 31628        | 640                        | 391                 | 547           | 1578                       | 12951                 | 17098               | 31628        | 3040                         | 760                      | 0                     | 28.5               |
| Nov 2020                  | 674                     | 435                 | 566           | 13250                 | 14925                       | 17184               | 32108        | 674                        | 435                 | 566           | 1675                       | 13250                 | 17184               | 32108        | 3810                         | 702                      | 0                     | 28.2               |
| Dec 2020                  | 695                     | 427                 | 571           | 13571                 | 15264                       | 17215               | 32479        | 695                        | 427                 | 571           | 1693                       | 13571                 | 17215               | 32479        | 4580                         | 427                      | 0                     | 28.0               |
| Jan 2021                  | 751                     | 420                 | 578           | 13960                 | 15709                       | 16905               | 32614        | 751                        | 420                 | 578           | 1750                       | 13960                 | 16905               | 32614        | 5350                         | 501                      | 0                     | 28.2               |
|                           |                         |                     |               |                       |                             |                     |              | **** EFFECTIVE SPACE ****  |                     |               |                            |                       |                     |              |                              |                          |                       |                    |
| Jan 2021                  | 751                     | 420                 | 578           | 13960                 | 15709                       | 16905               | 32614        | 647                        | 420                 | 369           | 1436                       | 13960                 | 16905               | 32300        | 5350                         | 501                      | 0                     | 28.3               |
| Feb 2021                  | 769                     | 398                 | 575           | 14124                 | 15866                       | 16608               | 32474        | 663                        | 398                 | 364           | 1425                       | 14124                 | 16608               | 32157        | 1500                         | 501                      | 0                     | 28.5               |
| Mar 2021                  | 774                     | 377                 | 558           | 14168                 | 15878                       | 16369               | 32246        | 664                        | 377                 | 347           | 1388                       | 14168                 | 16369               | 31926        | 1500                         | 950                      | 0                     | 28.7               |
| Apr 2021                  | 816                     | 337                 | 472           | 13897                 | 15522                       | 16515               | 32038        | 705                        | 337                 | 254           | 1296                       | 13897                 | 16515               | 31708        | 1500                         | 1014                     | 0                     | 29.3               |
| May 2021                  | 801                     | 295                 | 350           | 13216                 | 14661                       | 16841               | 31502        | 685                        | 295                 | 107           | 1087                       | 13216                 | 16841               | 31144        | 1500                         | 975                      | 0                     | 31.8               |
| Jun 2021                  | 596                     | 118                 | 302           | 10813                 | 11829                       | 17167               | 28996        | 464                        | 118                 | 19            | 602                        | 10813                 | 17167               | 28582        | 1500                         | 930                      | 0                     | 35.0               |
| Jul 2021                  | 397                     | 42                  | 370           | 7622                  | 8430                        | 17456               | 25886        | 248                        | 33                  | 30            | 311                        | 7622                  | 17456               | 25389        | 1500                         | 810                      | 0                     | 35.5               |
|                           |                         |                     |               |                       |                             |                     |              | **** CREDITABLE SPACE **** |                     |               |                            |                       |                     |              |                              |                          |                       |                    |
| Aug 2021                  | 174                     | 8                   | 401           | 7186                  | 7769                        | 17524               | 25293        | 174                        | 8                   | 401           | 583                        | 7186                  | 17524               | 25293        | 1500                         | 769                      | 0                     | 35.4               |
| Sep 2021                  | 160                     | 26                  | 426           | 7259                  | 7871                        | 17501               | 25371        | 160                        | 26                  | 426           | 612                        | 7259                  | 17501               | 25371        | 2270                         | 696                      | 0                     | 35.2               |
| Oct 2021                  | 204                     | 68                  | 422           | 7190                  | 7883                        | 17601               | 25484        | 204                        | 68                  | 422           | 694                        | 7190                  | 17601               | 25484        | 3040                         | 503                      | 0                     | 35.2               |
| Nov 2021                  | 240                     | 111                 | 408           | 7085                  | 7844                        | 17450               | 25294        | 240                        | 111                 | 408           | 759                        | 7085                  | 17450               | 25294        | 3810                         | 622                      | 0                     | 35.2               |
| Dec 2021                  | 317                     | 144                 | 410           | 7096                  | 7967                        | 17424               | 25391        | 317                        | 144                 | 410           | 870                        | 7096                  | 17424               | 25391        | 4580                         | 459                      | 0                     | 35.2               |
| Jan 2022                  | 467                     | 230                 | 415           | 7205                  | 8316                        | 17172               | 25488        | 467                        | 230                 | 415           | 1111                       | 7205                  | 17172               | 25488        | 5350                         | 530                      | 0                     | 35.2               |
|                           |                         |                     |               |                       |                             |                     |              | **** EFFECTIVE SPACE ****  |                     |               |                            |                       |                     |              |                              |                          |                       |                    |
| Jan 2022                  | 467                     | 230                 | 415           | 7205                  | 8316                        | 17172               | 25488        | 292                        | 230                 | 201           | 724                        | 7205                  | 17172               | 25100        | 5350                         | 530                      | 0                     | 35.2               |
| Feb 2022                  | 610                     | 287                 | 423           | 7540                  | 8860                        | 16729               | 25589        | 437                        | 287                 | 210           | 933                        | 7540                  | 16729               | 25201        | 1500                         | 531                      | 0                     | 35.1               |
| Mar 2022                  | 733                     | 337                 | 420           | 7880                  | 9369                        | 16269               | 25638        | 560                        | 337                 | 205           | 1102                       | 7880                  | 16269               | 25250        | 1500                         | 980                      | 0                     | 34.9               |
| Apr 2022                  | 803                     | 354                 | 367           | 8217                  | 9741                        | 16123               | 25864        | 628                        | 354                 | 145           | 1127                       | 8217                  | 16123               | 25467        | 1500                         | 1045                     | 0                     | 35.1               |
| May 2022                  | 819                     | 334                 | 262           | 8190                  | 9605                        | 16103               | 25708        | 640                        | 334                 | 16            | 990                        | 8190                  | 16103               | 25283        | 1500                         | 1006                     | 0                     | 36.8               |
| Jun 2022                  | 605                     | 327                 | 254           | 6744                  | 7931                        | 16094               | 24025        | 412                        | 327                 | -33           | 707                        | 6744                  | 16094               | 23545        | 1500                         | 960                      | 0                     | 39.1               |
| Jul 2022                  | 422                     | 59                  | 359           | 4853                  | 5693                        | 16048               | 21741        | 212                        | 54                  | 15            | 280                        | 4853                  | 16048               | 21181        | 1500                         | 840                      | 0                     | 39.7               |
|                           |                         |                     |               |                       |                             |                     |              | **** CREDITABLE SPACE **** |                     |               |                            |                       |                     |              |                              |                          |                       |                    |
| Aug 2022                  | 233                     | 8                   | 407           | 4807                  | 5455                        | 15686               | 21141        | 233                        | 8                   | 407           | 648                        | 4807                  | 15686               | 21141        | 1500                         | 798                      | 0                     | 39.4               |
| Sep 2022                  | 237                     | 47                  | 426           | 5416                  | 6126                        | 15249               | 21375        | 237                        | 47                  | 426           | 710                        | 5416                  | 15249               | 21375        | 2270                         | 726                      | 0                     | 39.1               |

\* Based on the Colorado River Basin Forecast Center's Maximum Probable Water Supply Forecast

Model Run ID: 3129

Processed On: 10/14/2020 5:23:20PM