Graph notes: January forecast use is scheduled use in accordance with the Annual Operating Plan’s state entitlements, available unused entitlements, and over-run paybacks. A downward sloping line indicates use at a lower rate than scheduled, upward sloping is above schedule, and a flat line indicates a use rate equal to schedule. Lower priority users such as CAP, MWD, and Robert B. Griffith may adjust use rates to meet state entitlements as higher priority use deviates from schedule. Abrupt changes in the forecast use line may be due to a diversion schedule change or monthly updating of provisional realtime diversions.
### Arizona Water Users

<table>
<thead>
<tr>
<th>Use By Date</th>
<th>Forecast Use</th>
<th>Excess to Use</th>
<th>Diversion To Date</th>
<th>Approved Diversion</th>
<th>Excess to Approved Diversion</th>
</tr>
</thead>
</table>

#### Water Users

1. **Arizona Pumpers**
   - CY 2020: 11,739
2. **Lake Mead NPA**, Diversions from Lake Mead
   - CY 2020: 41
3. **Lake Mead NRA**, Diversions from Lake Mohave
   - CY 2020: 168
4. **Davis Project**
   - CY 2020: 13
5. **Bullhead City**
   - CY 2020: 5,226
6. **Mohave Water Conservation District**
   - CY 2020: 547
7. **Brooke Water LLC**
   - CY 2020: 251
8. **Mohave Valley BDC**
   - CY 2020: 12,076
9. **Fort Mojave Indian Reservation, AZ**
   - CY 2020: 28,662
10. **Golden Shores Water Conservation District**
    - CY 2020: 232
11. **Havasu National Wildlife Refuge**
    - CY 2020: 2,903
12. **Lake Havasu City**
    - CY 2020: 5,637
13. **Central Arizona Project (CAP)**
    - CY 2020: 970,535
14. **Town of Parker**
    - CY 2020: 327
15. **Colorado River Indian Reservation, AZ**
    - CY 2020: 181,595
16. **Ehrenberg Improvement Association**
    - CY 2020: 190
17. **Cibola Valley**
    - CY 2020: 12,030
18. **Cibola National Wildlife Refuge**
    - CY 2020: 12,660
19. **Imperial National Wildlife Refuge**
    - CY 2020: 2,863
20. **BLM Permitees (Parker Dam to Imperial Dam)**
    - CY 2020: 631
21. **China, Chi, LLC**
    - CY 2020: 717
22. **Beatrice Farms**
    - CY 2020: 673
23. **Yuma Proving Ground**
    - CY 2020: 418
24. **Gil Monster Farms**
    - CY 2020: 3,012
25. **Wellton Mohawk Irrigation District**
    - CY 2020: 212,060
26. **BLM Permitees (Below Imperial Dam)**
    - CY 2020: 55
27. **City of Yuma**
    - CY 2020: 10,615
28. **Marine Corps Air Station Yuma**
    - CY 2020: 1,363
29. **Union Pacific Railroad**
    - CY 2020: 20
30. **University of Arizona**
    - CY 2020: 574
31. **Yuma Union High School District**
    - CY 2020: 83
32. **Desert Lawn Memorial**
    - CY 2020: 17
33. **North Gila Valley Irrigation District**
    - CY 2020: 8,235
34. **Yuma Irrigation District**
    - CY 2020: 29,622
35. **Yuma Mesa Irrigation District**
    - CY 2020: 130,465
36. **Unit "B" Irrigation District**
    - CY 2020: 17,402
37. **Fort Yuma Indian Reservation**
    - CY 2020: 1,249
38. **Yuma County Water Users Association**
    - CY 2020: 190,016
39. **Cocopah Indian Reservation**
    - CY 2020: 481
40. **Reclamation-Yuma Area Office**
    - CY 2020: 86
41. **Return From South Gila Wells**

#### Total Arizona

- CY 2020: 1,855,979

#### Other Users

- CY 2020: 885,444

#### Yuma Mesa Division, Gila Project

- CY 2020: 168,322

#### Arizona DCP Contribution

- CY 2020: (192,000)

### Estimated Allowable Use for CAP

- CY 2020: 1,373,951

#### Notes:

1. Includes the following water users within the Cibola Valley: Cibola Valley IID, Arizona Game and Fish Commission, GSC Farm, LLC, Red River Land Company, LLC, Western Water, LLC, and the Hopi Tribe.
2. The estimated amount of System Conservation Water that will be created by the City of Bullhead City pursuant to System Conservation Implementation Agreement (SCIA) No. 15-XX-30-W5S8, as amended. This System Conservation Water will remain in Lake Mead to benefit system storage.
3. System Conservation Water to be created by CRIT pursuant to the Agreement Among the United States of America, Through the Department of the Interior, Bureau of Reclamation, the State of Arizona, the Abraham Lincoln (Yuma) Project, the Central Arizona Project (CAP), and the Colorado River Indian Tribes to Fund the Creation of Colorado River System Water Conservation and Reductions in use During Calendar Years 2020-2022. This System Conservation Water will remain in Lake Mead to benefit system storage.
4. CRIT has been approved to create up to 3,736 AF of Extraordinary Conservation (EC) ICS in 2020. The actual amount of EC ICS created by CRIT will be based on final accounting and verification.
5. CRIT water being conserved by GRC to create EC ICS consistent with its approved plan to create 7,900 AF of EC ICS in 2020. The actual amount of EC ICS created by GRC will be based on final accounting and verification.
6. MVIDD has been approved to create up to 6,137 AF of EC ICS in 2020. The actual amount of EC ICS created by MVIDD will be based on final accounting and verification.
7. When combined with the approved EC ICS creation amounts of other ICS creators in the state of Arizona, the total amount of EC ICS approved for creation in the state of Arizona is approximately 150,000 AF, which exceeds the state’s annual creation limit set forth in Section XI.G.3.B.1 of the 2007 Interim Guidelines. In accordance with Section XI.G.3.B.1 and Section IX.V.I.B.1 of the Lower Basin Drought Contingency Plan (LBCOPs), the total amount of EC ICS that may be created by the states of Arizona, California, and Nevada in 2020 will be limited to 625,000 AF.
8. In accordance with Section III.R.1.a of LBCOPs, the state of Arizona shall annually agree to divest an amount of DCP Contribution in the total amount of 192,000 AF. In accordance with the Agreement Regarding Lower Basin Drought Contingency Plan Obligations, it is currently anticipated that the required DCP Contribution will be made by the Central Arizona Water Conservation District (CAWCD) through the creation of EC ICS by and reductions in consumptive use. CAWCD has been approved to create up to 60,468 AF of EC ICS in 2020. The actual amount of EC ICS created by CAWCD and credited toward the DCP Contribution will be based on final accounting and verification.
### Forecasts Based on Use to Date and Approved Annual Water Orders

#### Historic Use Records (Water Accounting Reports)

<table>
<thead>
<tr>
<th>WATER USER</th>
<th>To Date CY 2020</th>
<th>Forecast CY 2020</th>
<th>Estimated Use CY 2020</th>
<th>Excess to Total State Adjusted Apportionment CY 2020</th>
<th>Diversion CY 2020</th>
<th>Forecast Diversion CY 2020</th>
<th>Approved Diversion CY 2020</th>
<th>Excess to Total State Adjusted Apportionment CY 2020</th>
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<tbody>
<tr>
<td>CALIFORNIA PUMPERS</td>
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<td></td>
<td>1,415</td>
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<td>FORT MOJAVE INDIAN RESERVATION, CA</td>
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<td>538,902</td>
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<td>COLORADO RIVER INDIAN RESERVATION, CA</td>
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<td>652,548</td>
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<td>YUMA PROJECT RESERVATION DIVISION - BARD UNIT</td>
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<td>26,955</td>
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<td>YUMA ISLAND PUMPERS</td>
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<td>289,845</td>
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<tr>
<td>OTHER LCWSP CONTRACTORS</td>
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<td>879</td>
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<tr>
<td>CITY OF WINTERHAVEN</td>
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<td>63</td>
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<tr>
<td>CHEMHEUVEI INDIAN RESERVATION</td>
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<td>197</td>
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<td>9,459</td>
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<td>TOTAL CALIFORNIA</td>
<td>3,174,773</td>
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<td>3,577,158</td>
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#### California Adjusted Apportionment Calculation

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>California Basic Apportionment</td>
<td>4,400,000</td>
</tr>
<tr>
<td>System Conservation Water - Pilot System Conservation Program</td>
<td>(145)</td>
</tr>
<tr>
<td>IID Creation of Extraordinary Conservation ICS - Stored in Lake Mead (Estimated)</td>
<td>(1,579)</td>
</tr>
<tr>
<td>IID Creation of Additional Conserved Water (Estimated)</td>
<td>(23,421)</td>
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<tr>
<td>MWD Creation of Extraordinary Conservation ICS (Estimated)</td>
<td>(287,689)</td>
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<tr>
<td>Total State Adjusted Apportionment</td>
<td>4,087,166</td>
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<tr>
<td>Excess to Total State Adjusted Apportionment</td>
<td>107</td>
</tr>
</tbody>
</table>

**Estimated Allowable Use for MWD: 1,116,315**

1. As shown here, IID's Approved Diversion and Estimated Use values reflect the maximum amount of Colorado River water available to IID in 2020.
2. System Conservation Water to be conserved by the City of Needles pursuant to System Conservation Implementation Agreement No. 15-XX-W0596, executed under the Pilot System Conservation Program. This water will remain in Lake Mead to benefit system storage.
3. IID has been approved to create up to 62,000 AF of Extraordinary Conservation (EC) ICS in 2020; however, due to limitations set forth in the California ICS Agreement, may only store up to 1,579 AF in its Lake Mead ICS Account. Creation and storage of EC ICS by IID in excess of 1,579 AF will require an executed amendment to the California ICS Agreement, which has not occurred as of the date of this forecast. The actual amount of EC ICS created by IID and stored in its Lake Mead ICS Account will be based on final accounting and verification.
4. In its CY 2020 water order, IID has indicated that it intends to create up to a total of 25,000 AF of "Additional Conserved Water" for purposes including, but not limited to, the creation of ICS for storage in Lake Mead. As noted above, IID may only use up to 1,579 AF of "Additional Conserved Water" for the creation and storage of EC ICS in its Lake Mead ICS Account. Storage of "Additional Conserved Water" as EC ICS in excess of this amount will require an executed amendment to the California ICS Agreement, which has not occurred as of the date of this forecast. The actual amount of "Additional Conserved Water" created by IID in 2020 will be based on final accounting and verification.

**MWD has been approved to create up to 450,000 AF of EC ICS in 2020, less the amount of EC ICS created by IID, and further limited to the amount that, when added to the EC ICS created by the states of Arizona and Nevada, does not exceed 625,000 AF. The actual amount of EC ICS created by MWD will be based on final accounting and verification.**

**Notes:** Click on California Schedules and Approvals above for incoming diversion schedules and approvals.
NEVADA WATER USERS

FORECAST OF END OF YEAR CONSUMPTIVE USE

FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

<table>
<thead>
<tr>
<th>WATER USER</th>
<th>Use To Date</th>
<th>Forecast Use</th>
<th>Estimated Use</th>
<th>Diversion To Date</th>
<th>Forecast Diversion</th>
<th>Approved Diversion</th>
<th>Excess to Approved Diversion</th>
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<tbody>
<tr>
<td>ROBERT B. GRIFFITH WATER PROJECT (SNWS)</td>
<td>357,158</td>
<td>445,270</td>
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<td>LAKE MEAD NRA, NV - Diversions from Lake Mead</td>
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<td>NEVADA DEPARTMENT OF WILDLIFE</td>
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<td>BOULDER CANYON PROJECT</td>
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<td>4,020</td>
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</tr>
</tbody>
</table>

TOTAL NEVADA                                      215,467     258,158     254,092     383,546     484,342     483,495     -5,373

SOUTHERN NEVADA WATER SYSTEM (SNWS)               192,751     224,471     445,270

ALL OTHERS                                        22,716      33,687      39,072

NEVADA USES ABOVE HOOVER                         211,595     252,993     474,739

NEVADA USES BELOW HOOVER                         3,872       5,465       9,603

Tributary Conservation Intentionally Created Surplus (ICS)
Southern Nevada Water Authority (SNWA) Creation of Tributary Conservation ICS (Approved) 1 43,000

NEVADA ADJUSTED APPORTIONMENT CALCULATION

Nevada Basic Apportionment 300,000

SNWA Creation of Extraordinary Conservation (EC) ICS (Estimated) 2 (41,842)

Total State Adjusted Apportionment 258,158

Excess to Total State Adjusted Apportionment 0

1 SNWA has been approved to create up to 43,000 AF of TC ICS in 2020. The actual amount of TC ICS created by SNWA will be based on final accounting and verification.

2 SNWA has been approved to create up to 100,000 AF of EC ICS in 2020. The actual amount of EC ICS created by SNWA will be based on final accounting and verification.

NOTES: Click on Nevada Schedules and Approvals above for incoming diversion schedules and approvals.

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Robert B. Griffith Forecast

LV Wash Return Forecast