Maximum 3-Day Reservoir Unimpaired Inflow Volumes
For Selected Flood Events
(1,000 Acre-Feet)

Shasta

Oroville

New Bullards Bar

Folsom

Mar-40  Dec-55  Dec-64  Feb-86  Mar-95  Jan-97
Maximum 3-Day Unregulated Inflow Volumes
For Selected Flood Events
(1,000 Acre-Feet)

Dec-55 | Dec-64 | Feb-86 | Mar-95 | Jan-97
---|---|---|---|---
400 | 300 | 200 | 100 | 600
Maximum 3-Day Unregulated Inflow Volumes
For Selected Flood Events
(1,000 Acre-Feet)
Peak Flood Stages, in Feet
Feather, American, and Lower Sacramento Rivers

Yuba City
(Feather River)

Flood Stage=80.2
Warning Stage=65.0

H Street
(American River)

Flood Stage=42.8
Warning Stage=40.0

I Street
(Lower Sacramento River)

Flood Stage=31
Warning Stage=25

<table>
<thead>
<tr>
<th>Date</th>
<th>Yuba City</th>
<th>H Street</th>
<th>I Street</th>
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<tbody>
<tr>
<td>3/83</td>
<td>62.4</td>
<td>37.6</td>
<td>26.2</td>
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<tr>
<td>2/86</td>
<td>76.3</td>
<td>43.4</td>
<td>30.7</td>
</tr>
<tr>
<td>1/95</td>
<td>53.4</td>
<td>32.7</td>
<td>26.7</td>
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<tr>
<td>3/95</td>
<td>67.6</td>
<td>35.2</td>
<td>27.2</td>
</tr>
<tr>
<td>1/97</td>
<td>78.2</td>
<td>42.7</td>
<td>30.4</td>
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Peak Flood Stages, in Feet
Cosumnes and Mokelumne Rivers

Michigan Bar
(Cosumnes River)

Flood Stage=12
Warning Stage=7

Benson Ferry
(Mokelumne River)

Flood Stage=18
Warning Stage=13

<table>
<thead>
<tr>
<th>Date</th>
<th>Michigan Bar</th>
<th>Benson Ferry</th>
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<td>3/83</td>
<td>11.8</td>
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<td>10.3</td>
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<td>3/95</td>
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<tr>
<td>1/97</td>
<td>18.3</td>
<td>21.7</td>
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Peak Flood Stages, in Feet
Tuolumne and San Joaquin Rivers

Modesto
(Tuolumne River)

Newman
(San Joaquin River)

Vernalis
(San Joaquin River)
American River Runoff
Annual Maximum 3-Day Flow
1,000 cfs

Unimpaired Runoff at Fair Oaks

Water Year

Feather River Runoff
Annual Maximum 3-Day Flow
1,000 cfs

Unimpaired Runoff at Oroville
Upper Sacramento River Runoff
Annual Maximum 3-Day Flow
1,000 cfs

Unimpaired Runoff at Shasta Dam

Water Year
Tuolumne River Runoff
Annual Maximum 3-Day Flow
1,000 cfs

Unimpaired Runoff at Don Pedro Dam

Water Year
Comparison of Flood Sizes (to Median)
Three-Day Volume Divided by Median

Upper Sacto

Feather

American

Water Year

NEW BULLARDS BAR RESERVOIR OPERATIONS
Yuba River

Peak Hourly Inflow 106,000 cfs
Peak Hourly Outflow 55,000 cfs

Capacity 966,190 acre-ft
Peak Daily Inflow 81,000 cfs
Peak Daily Outflow 53,600 cfs

Stations (1000 Acre-feet)

1996  |  1997
FOLSOM LAKE OPERATIONS
American River

Blue Canyon Daily Precipitation (Inches)

Peak Hourly Inflow 255,000 cfs
Peak Hourly Outflow 115,000 cfs

Capacity 977,000 ac-ft

Allowable Storage

Peak Daily Inflow 210,000 cfs

Peak Daily Outflow 105,000 cfs

Storage (1000 Acre-feet)

Daily Inflow/Outflow (1000 CFS)

Dec 1 Dec 11 Dec 21 Dec 31 Jan 10 Jan 20 Jan 30 Feb 9 Feb 19
1996 1997
CAMANCHE RESERVOIR OPERATIONS
Mokelumne River

Capacity 431,500 ac-ft

Peak Daily Inflow 31,500 cfs
Peak Daily Outflow 5,000 cfs

Storage (1000 Acre-feet)

Daily Inflow/Outflow (1000 CFS)

0 10 20 30 40

0 100 200 300 400 500


Railroad Flat
Daily Precipitation (Inches)
NEW MELONES RESERVOIR OPERATIONS
Stanislaus River
LAKE McClURE OPERATIONS
Merced River

Peak Inflow: 67,000 cfs
Peak Hourly Inflow: 90,000 cfs
Peak Hourly Outflow: 8,000 cfs

Capacity: 1,025,000 ac-ft

 allowable storage
PINE FLAT RESERVOIR OPERATIONS
Kings River

Grant Grove
Daily Precipitation (Inches)

Capacity: 1,000,000 ac-ft

Peak Hourly Inflow: 87,000 cfs
Peak Hourly Outflow: 8,100 cfs

Daily Inflow/Outflow (1000 CFS)

Storage (1000 Acre-feet)

ALLOWABLE
STORAGE

STORAGE

Peak Daily Inflow: 41,900 cfs
Peak Daily Outflow: 8,000 cfs

Dec 1  Dec 11  Dec 21  Dec 31  Jan 10  Jan 20  Jan 30  Feb 9  Feb 19
1996  1997
Sacramento River Daily Maximum Stage Hydrographs

Sacramento River at Bend Bridge

Peak Stage 30.62 feet
Peak Flow = 121,000 cfs


Sacramento River at Vina-Woodson Bridge

Peak Stage 189.56 feet
Peak Flow = 149,000 cfs


Sacramento River at Ord Ferry

Peak Stage 118.89 feet
Peak Flow = 123,000 cfs


Flood Stage 27.0 feet
Warning Stage 22.0 feet
Flood Stage 183.0 feet
Warning Stage 180.0 feet
Flood Stage 121.6 feet
Warning Stage 110.0 feet
Sacramento River Daily Maximum Stage Hydrographs

Sacramento River at Colusa
- Flood Stage: 70.0 feet
- Peak Stage: 68.00 feet
- Peak Flow: 50,100 cfs

Sacramento River below Wilkins Slough
- Flood Stage: 52.7 feet
- Peak Stage: 52.68 feet
- Peak Flow: 31,600 cfs

Sacramento River at Fremont Weir
- Flood Stage: 40.8 feet
- Peak Stage: 42.47 feet
- Peak Flow: 388,000 cfs

(E) = Estimated Stage

Daily Maximum Stage in Feet

Dec 1  Dec 11 Dec 21 Dec 31 Jan 10 Jan 20 Jan 30 Feb 9 Feb 19
1996 | 1997

Dec 1  Dec 11 Dec 21 Dec 31 Jan 10 Jan 20 Jan 30 Feb 9 Feb 19
1996 | 1997

Dec 1  Dec 11 Dec 21 Dec 31 Jan 10 Jan 20 Jan 30 Feb 9 Feb 19
1996 | 1997
Sacramento River Daily Maximum Stage Hydrographs

Sacramento River at Verona

- Flood Stage 41.3 feet
- Peak Stage 40.40 feet
- Peak Flow = 86,500 cfs

Dec 1  | Dec 11  | Dec 21  | Dec 31  | Jan 10  | Jan 20  | Jan 30  | Feb 9   | Feb 19

1996   |         |         |         |         |         |         |         |         | 1997

Sacramento River at "T" Street

- Flood Stage 31.0 feet
- Peak Stage 30.38 feet
- Warning Stage 25.0 feet

Dec 1  | Dec 11  | Dec 21  | Dec 31  | Jan 10  | Jan 20  | Jan 30  | Feb 9   | Feb 19

1996   |         |         |         |         |         |         |         |         | 1997

Sacramento River at Freeport

- Peak Stage 123.83 feet
- Peak Flow = 114,300 cfs

Dec 1  | Dec 11  | Dec 21  | Dec 31  | Jan 10  | Jan 20  | Jan 30  | Feb 9   | Feb 19

1996   |         |         |         |         |         |         |         |         | 1997
Feather River Daily Maximum Stage Hydrographs

Feather River near Gridley

Flood Stage 103.8 feet
Peak Stage 98.83 feet
Peak Flow = 160,000 cfs

Warning Stage 95.0 feet

Dec 1  Dec 11  Dec 21  Dec 31  Jan 10  Jan 20  Jan 30  Feb 9  Feb 19
1996  1997

Feather River at Yuba City

Flood Stage 80.2 feet
Peak Stage 78.23 feet

Warning Stage 65.0 feet

Dec 1  Dec 11  Dec 21  Dec 31  Jan 10  Jan 20  Jan 30  Feb 9  Feb 19
1996  1997

Feather River at Nicolaus

Flood Stage 48.0 feet
Peak Stage 50.4 feet

Warning Stage 40.0 feet

Dec 1  Dec 11  Dec 21  Dec 31  Jan 10  Jan 20  Jan 30  Feb 9  Feb 19
1996  1997
San Joaquin River Daily Maximum Stage Hydrographs

- **Eastside Bypass near El Nido**: Peak Stage 20.72 feet, Peak Flow = 21,100 cfs (E)
- **San Joaquin River near Newman**: Peak Stage 66.14 feet, Peak Flow = 36,200 cfs (E)
- **San Joaquin River near Vernalis**: Peak Stage 34.88 feet, Peak Flow = 75,600 cfs
Cosumnes, Mokelumne and Tuolumne Rivers
Daily Maximum Stage Hydrographs

(E) = Estimated Value

**Cosumnes River at Michigan Bar**
- Peak Stage: 18.3 feet
- Peak Flow: 85,000 cfs (E)

**Mokelumne River near Thornton Benson Ferry**
- Peak Stage: 21.7 feet

**Tuolumne River at Modesto**
- Peak Stage: 71.21 feet
- Peak Flow: 55,800 cfs

---

1 Dec | 11 Dec | 21 Dec | 31 Dec | 10 Jan | 20 Jan | 30 Jan | 9 Feb | 19 Feb | 1 Mar | 11 Mar | 21 Mar | 31 Mar