

2008 Annual Runoff Report



**Water Forum
Successor Effort**



Issuance Date: January 26, 2009

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2008 is 1019 TAF.
This level of flow triggers Hodge year decisions.**

Figure 1. UIFR Projections and Annual American River Water Allocation¹

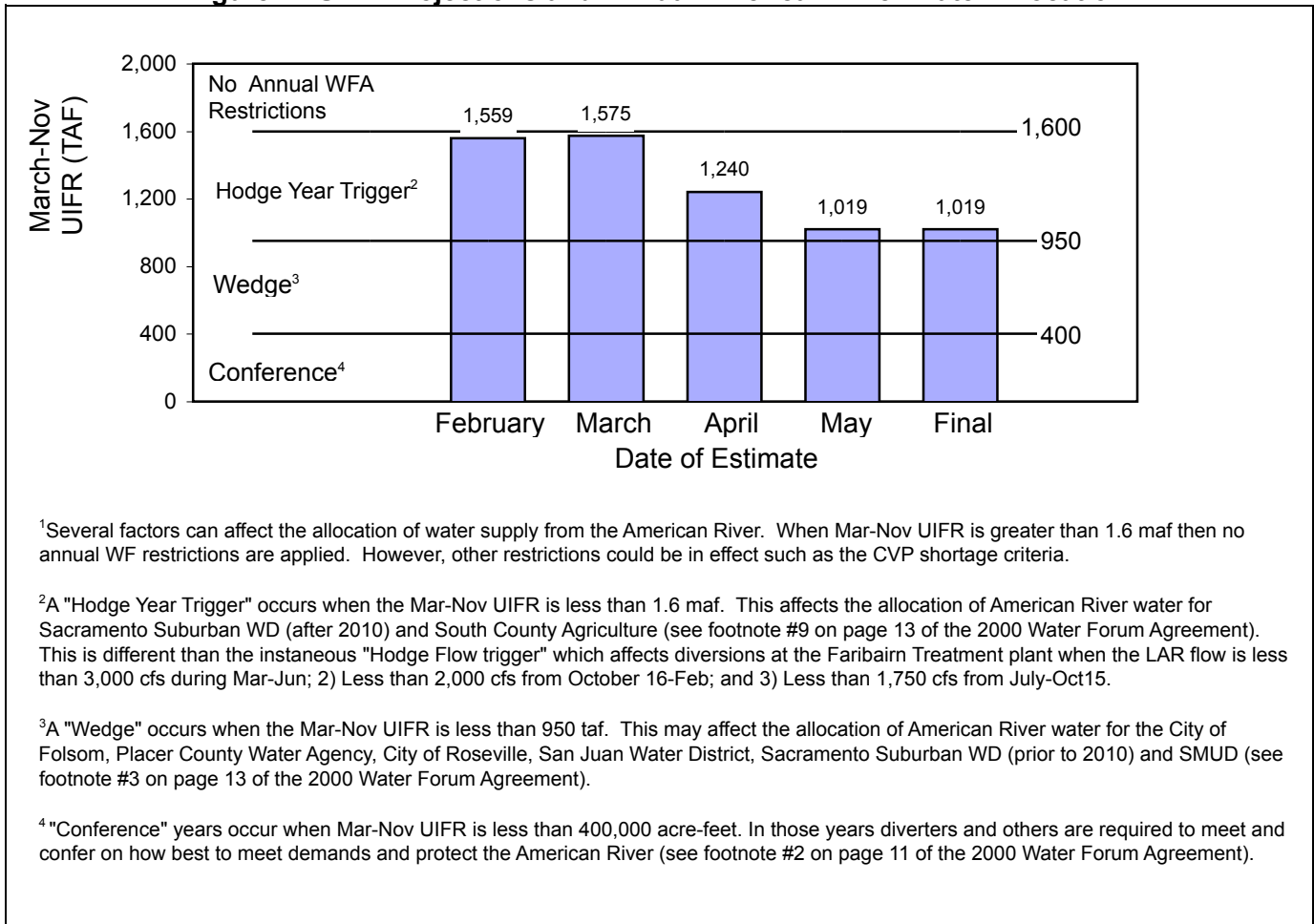


Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	320	330	220	185	185
April ¹	410	410	360	255	255
May ¹	440	480	380	330	330
June ¹	250	220	165	155	155
July ¹	50	50	35	20	20
August and September ¹	29	25	20	14	14
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,559	1,575	1,240	1,019	1,019

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Summary of Runoff Reports During 2008

Monthly Reports Issued: 4

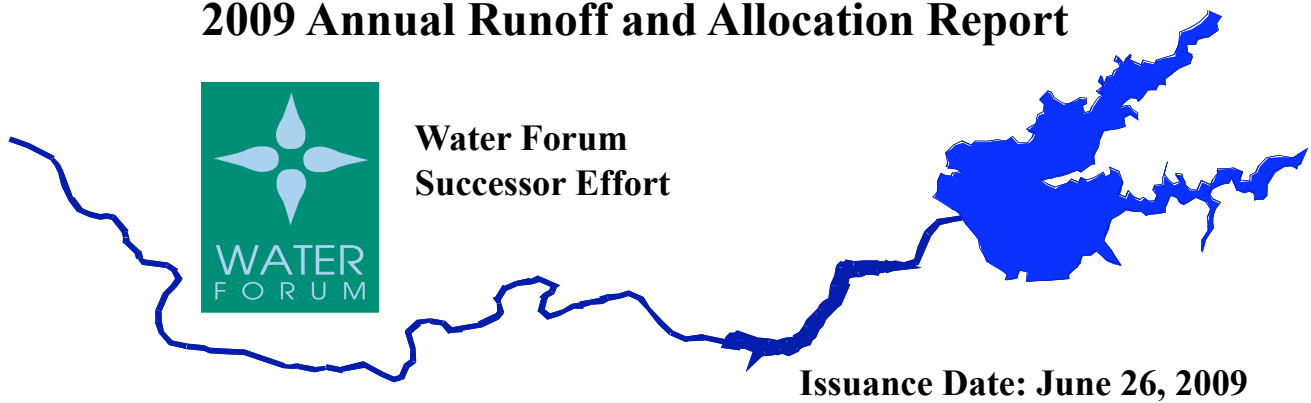
Mid-Month Notices Issued: None

Post-May Update Issued: None

Significant Post May Events:

Mid-Month storm events in May-2008 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

2009 Annual Runoff and Allocation Report

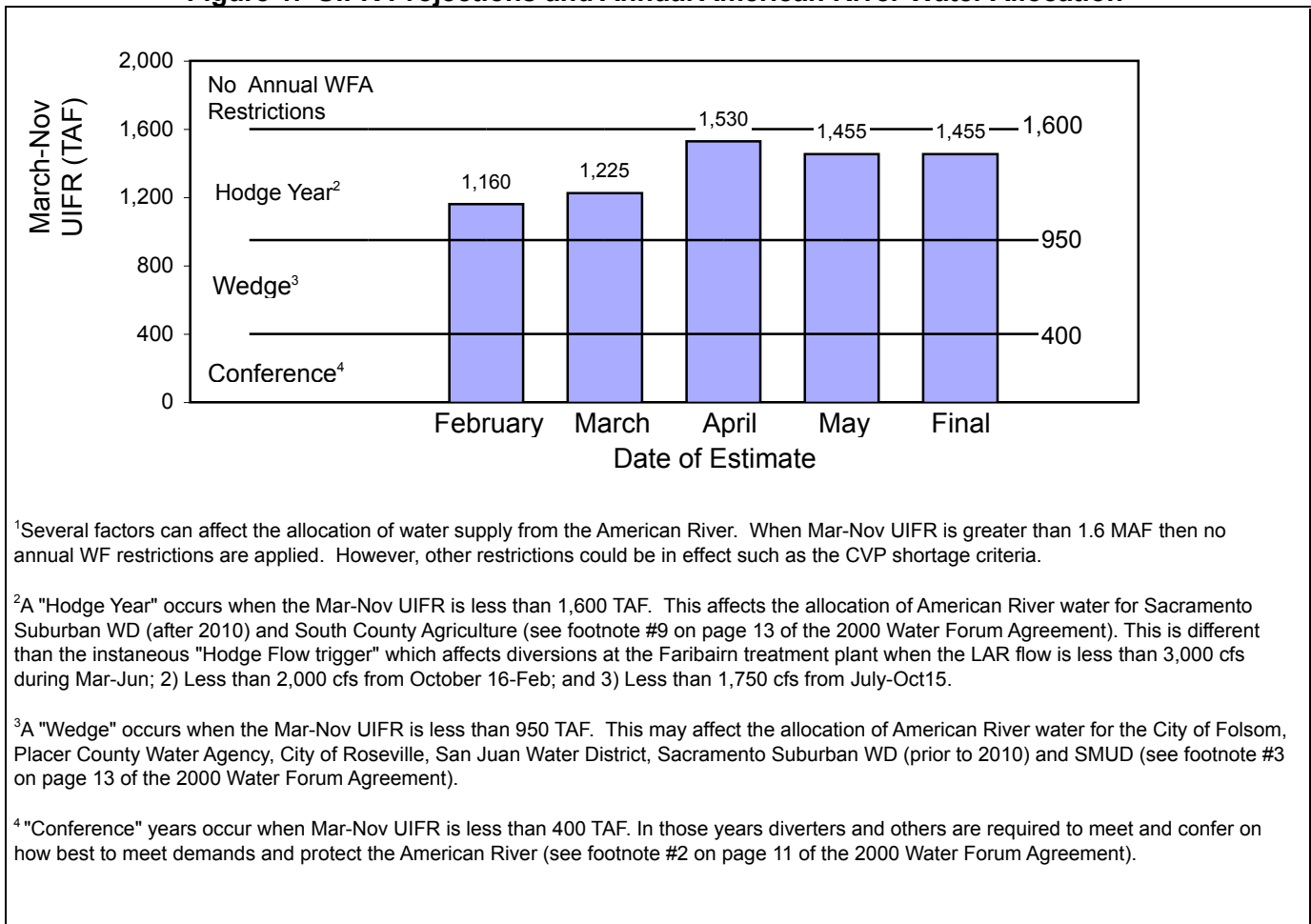


Issuance Date: June 26, 2009

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2009 is 1455 TAF.
This level of flow triggers Hodge year decisions.**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2009 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	300	280	455	455	455
April ¹	335	360	390	325	325
May ¹	320	350	420	385	385
June ¹	120	135	160	170	170
July ¹	15	25	30	40	40
August and September ¹	5	5	5	10	10
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,160	1,225	1,530	1,455	1,455

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Summary of Runoff Reports During 2009

- Monthly Reports Issued: 4
- Mid-Month Notices Issued: None
- Post-May Update Issued: None

Significant Post May Events:

Mid-Month storm events in May-2009 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

The third official 2009 CVP water allocation announcement was given on April 21, 2009. Throughout the precipitation season, updated information will be provided as conditions warrant. Table 2 provides a summary of the projected allocation for American River CVP municipal and industrial contractors. The allocation is based on the 90-percent exceedence forecast for the unimpaired inflow to Shasta Dam. The 50-percent exceedence forecast is provided for informational and planning purposes.

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The following CVP information is provided for informational purposes only. See the following web site for more information... http://www.usbr.gov/mp/headlines/water_updates/index.html for more information.

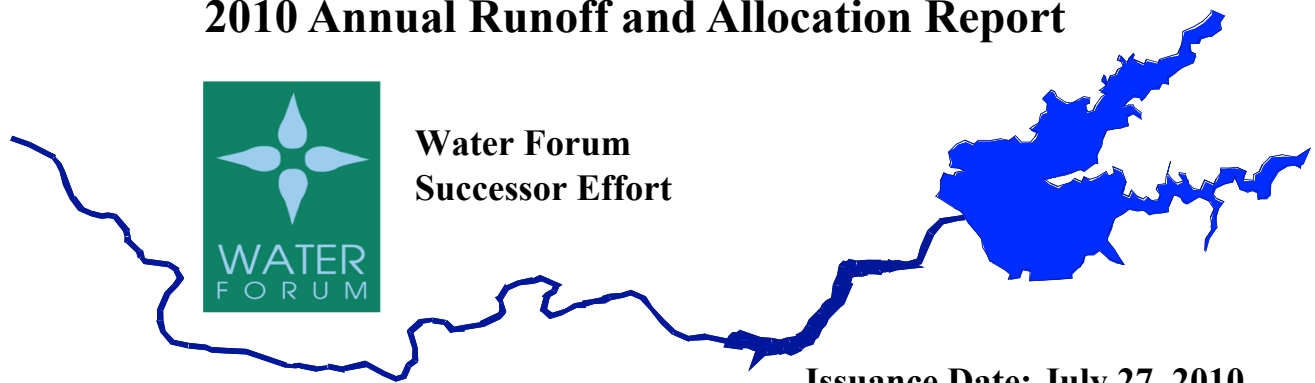
Table 2. Mid-Pacific Region Initial Water Year 2009 Supply Forecast Published March 20, 2009.

Probability of Exceedance Forecasts	Percent of Historical Average Sacramento Valley Index and Year Type	North of Delta Municipal and Industrial Allocation (%)
Dry Forecast (90%)	51% Critical	55
Median Forecast (50%)	61% Critical	65

2010 Annual Runoff and Allocation Report



**Water Forum
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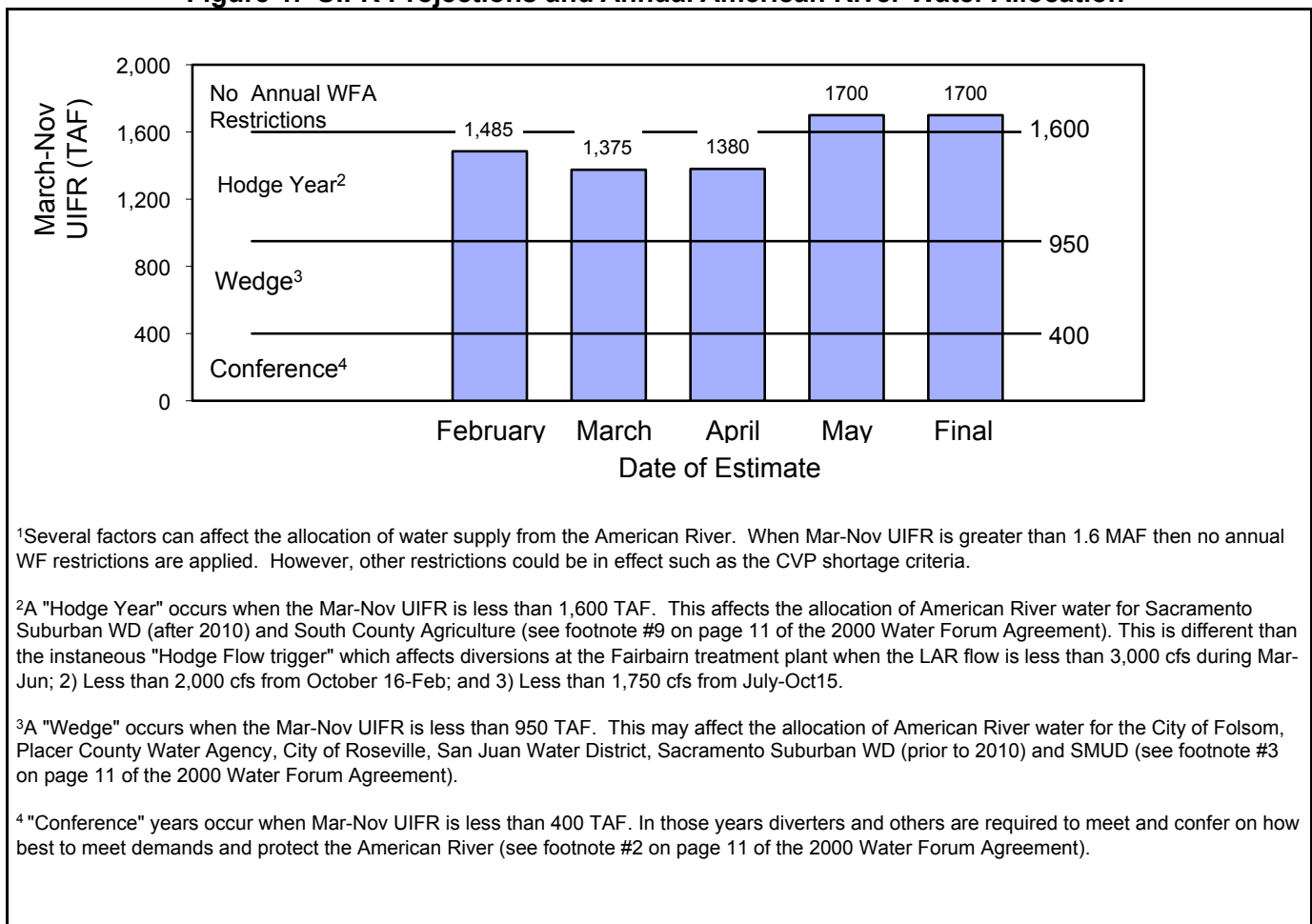


Issuance Date: July 27, 2010

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2010 is 1700 TAF.
This level of flow triggers Hodge year decisions.**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2009 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	325	290	250	250	250
April ¹	390	385	410	400	400
May ¹	425	420	435	590	590
June ¹	220	170	170	305	305
July ¹	45	35	35	65	65
August and September ¹	10	5	10	10	10
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,485	1,375	1,380	1,700	1,700

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Summary of Runoff Reports During 2010

Monthly Reports Issued: 4

Mid-Month Notices Issued: None

Post-May Update Issued: None

Significant Post May Events:

Mid-Month storm events in May 2010 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

The CVP updated its water allocation on June 14, 2010 based on June 1, 2010 hydrologic conditions. Table 2 provides a summary of the projected allocation for American River CVP municipal and industrial contractors. The allocation is based on the 90-percent exceedence forecast for the unimpaired inflow to Shasta Dam. The 50-percent exceedence forecast is provided for informational and planning purposes.

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The following CVP information is provided for informational purposes only. See the following web site for more information... http://www.usbr.gov/mp/headlines/water_updates/index.html for more information.

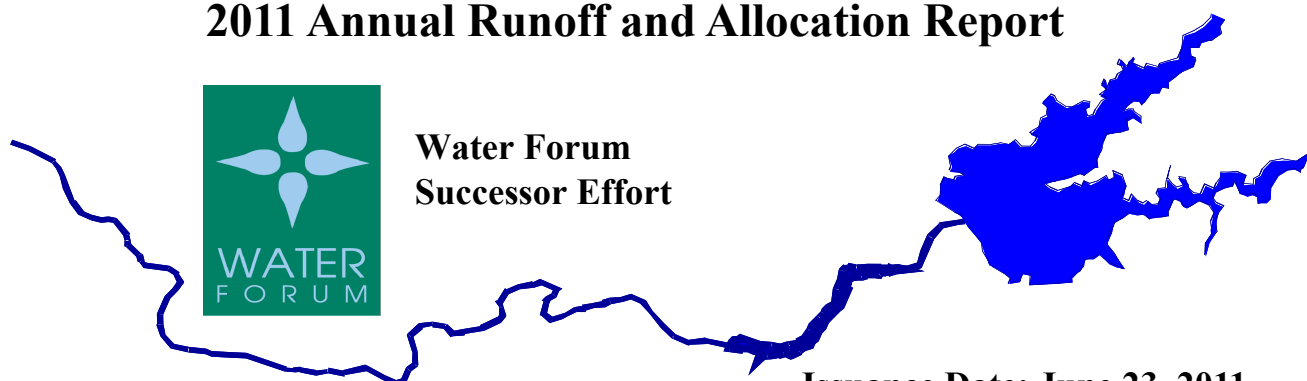
Table 2. Mid-Pacific Region June 2010 Supply Forecast Published June 14, 2010.

Probability of Exceedance Forecasts	Percent of Historical Average Sacramento Valley Index and Year Type	North of Delta Municipal and Industrial Allocation (%)
Dry Forecast (90%)	78%, Below Normal	100
Median Forecast (50%)	83%, Below Normal	100

2011 Annual Runoff and Allocation Report



**Water Forum
Successor Effort**



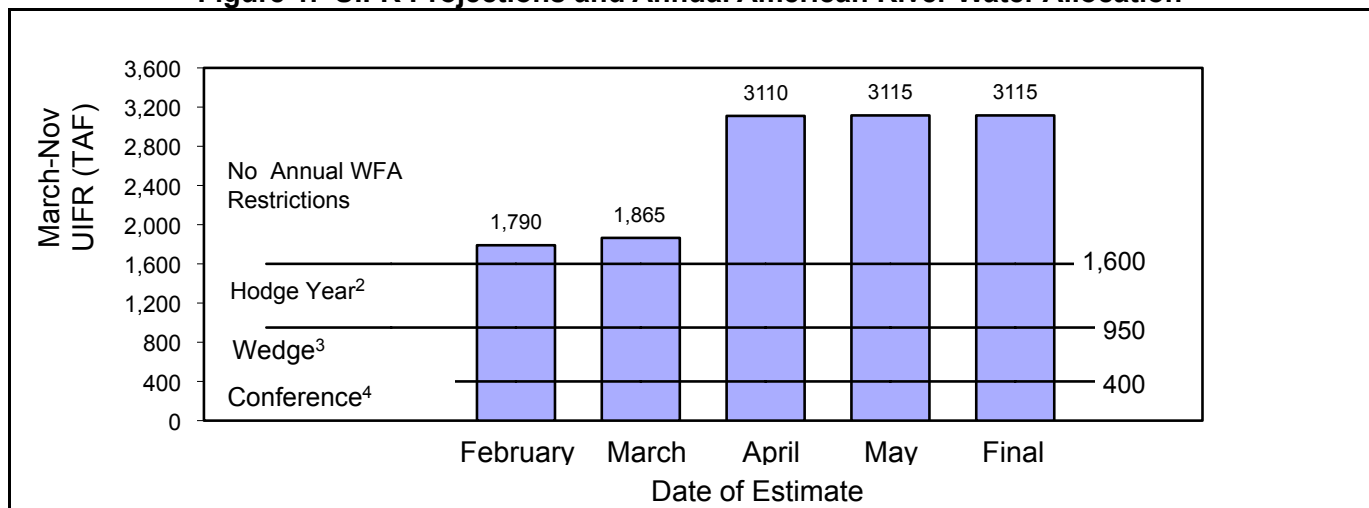
Issuance Date: June 23, 2011

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2011 is 3115 TAF.

For this year type there are no annual restrictions in the Water Forum Agreement.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



¹Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1.6 MAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

²A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 11 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

³A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 11 of the 2000 Water Forum Agreement).

⁴"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (see footnote #2 on page 11 of the 2000 Water Forum Agreement).

Monthly Runoff and Allocation Report; 2011 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	400	375	870	870	870
April ¹	440	490	675	740	740
May ¹	510	580	860	825	825
June ¹	280	275	470	445	445
July ¹	70	55	125	120	120
August and September ¹	15	10	20	20	20
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,790	1,865	3,110	3,115	3,115

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

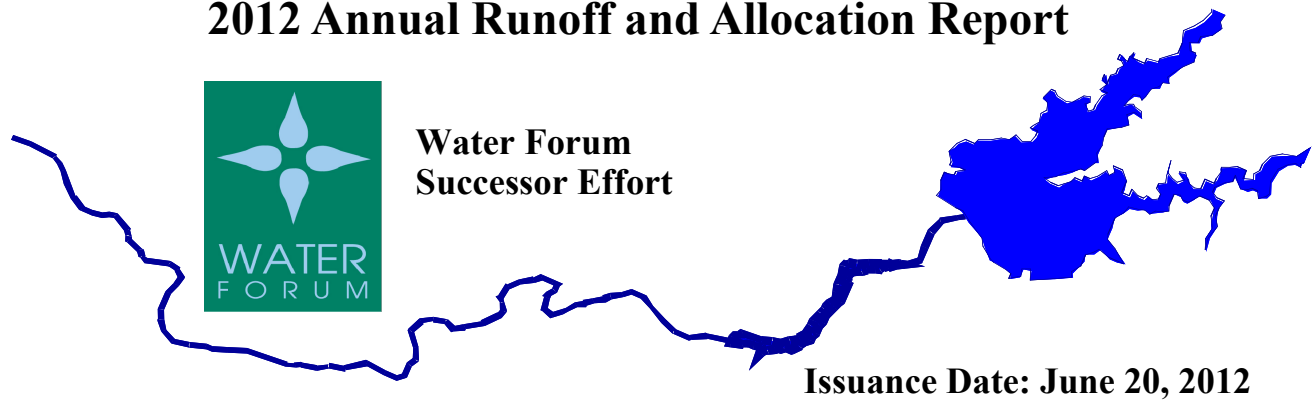
Although there were storm events in May 2011, DWR has not posted any updates. In addition, since the May report had no restrictions there would be no change in annual allocation.

USBR American River CVP Municipal and Industrial Contractor Allocation

On March 22, 2011 the CVP announced no change to the North of the Delta Municipal and Industrial (M&I) allocation of 100 percent of contract amount. Please see the following web site for more information..<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=35843>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

2012 Annual Runoff and Allocation Report



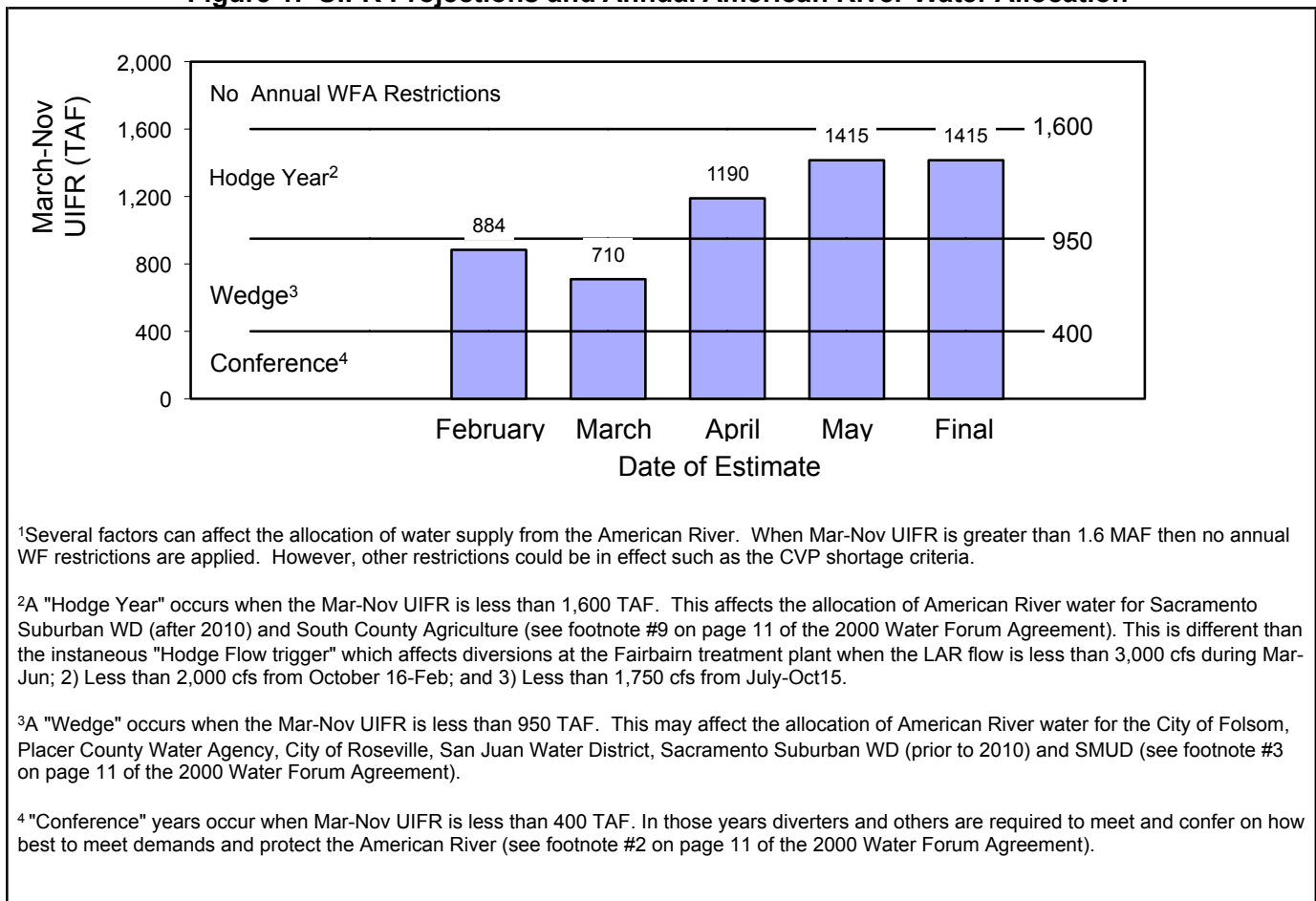
**Water Forum
Successor Effort**

Issuance Date: June 20, 2012

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2012 is 1415 TAF.
This level of flow triggers Hodge year decisions.**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2012 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	230	210	440	440	440
April ¹	270	210	290	570	570
May ¹	240	180	290	270	270
June ¹	70	45	85	60	60
July ¹	10	5	15	10	10
August and September ¹	2	-	5	5	5
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	884	710	1,190	1,415	1,415

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

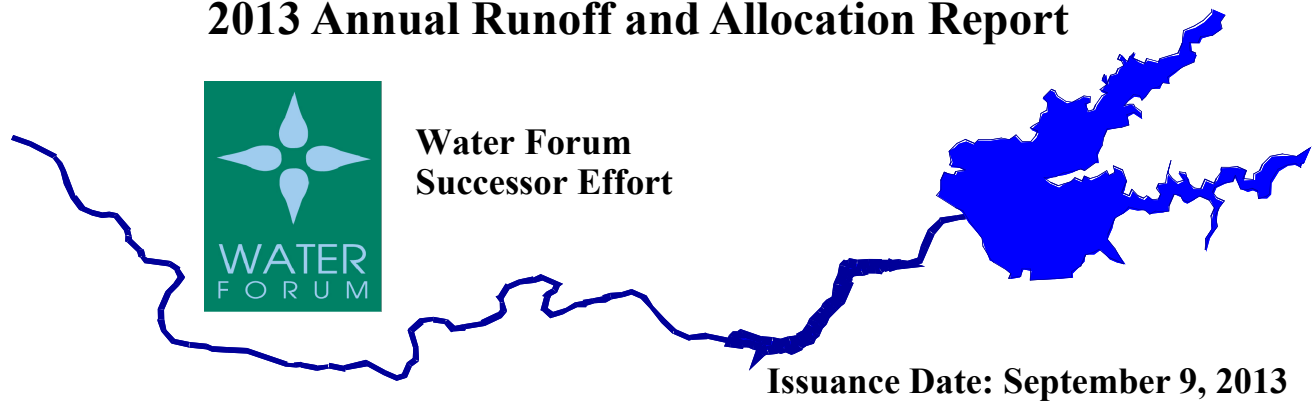
Mid-Month storm events in May-2012 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On April 13, 2012 the CVP announced that the allocation for North of the Delta Municipal and Industrial (M&I) users is 100 percent of contract amount. Please see the following web site for more information..<http://www.usbr.gov/mp/PA/water/index.html>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

2013 Annual Runoff and Allocation Report



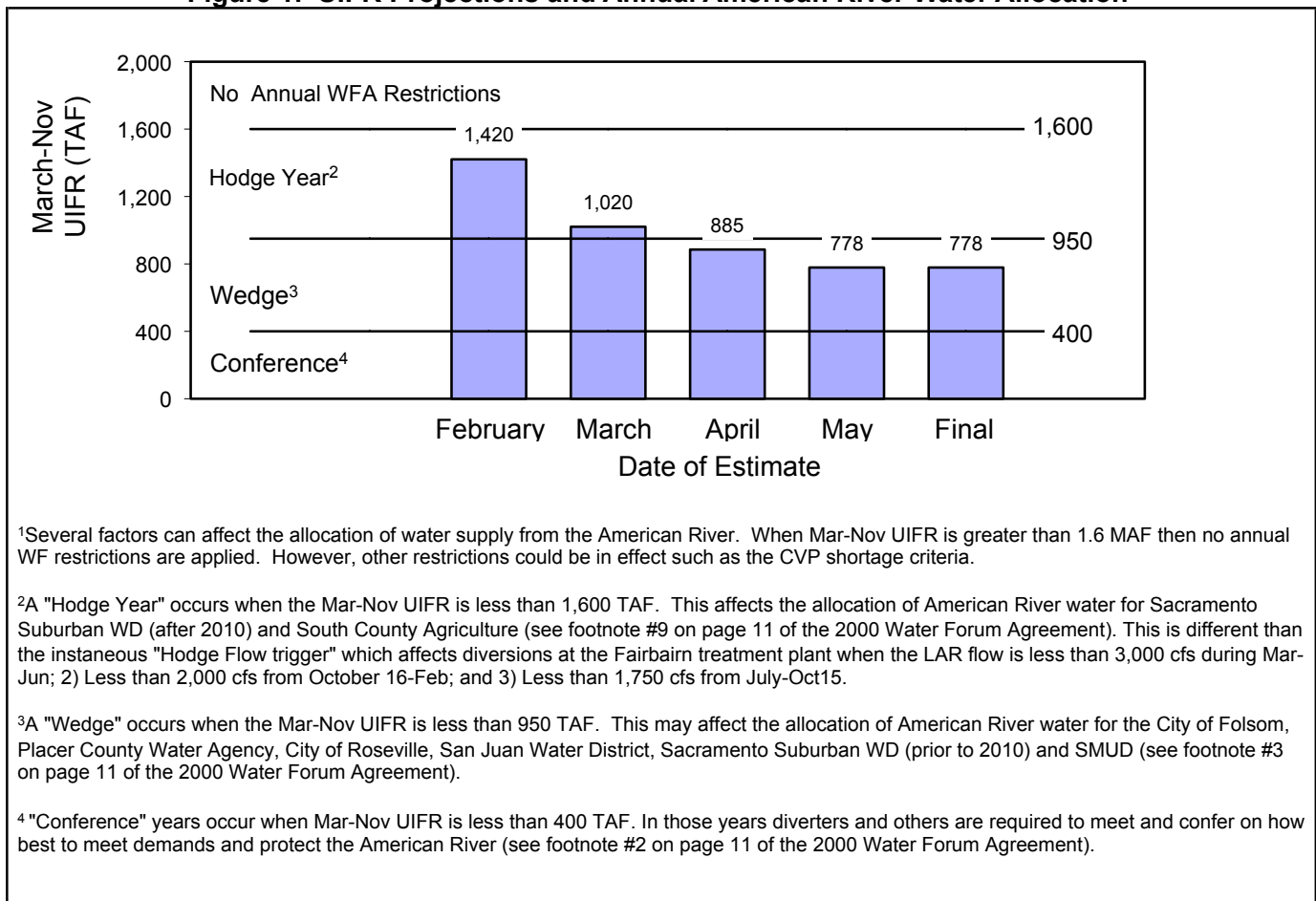
**Water Forum
Successor Effort**

Issuance Date: September 9, 2013

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2013 is 778 TAF.
This level of flow triggers a Wedge Year**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2013 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	360	225	220	217	217
April ¹	360	290	260	241	241
May ¹	400	300	255	200	200
June ¹	180	110	75	50	50
July ¹	40	20	10	9	9
August and September ¹	10	5	-	1	1
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,420	1,020	885	778	778

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

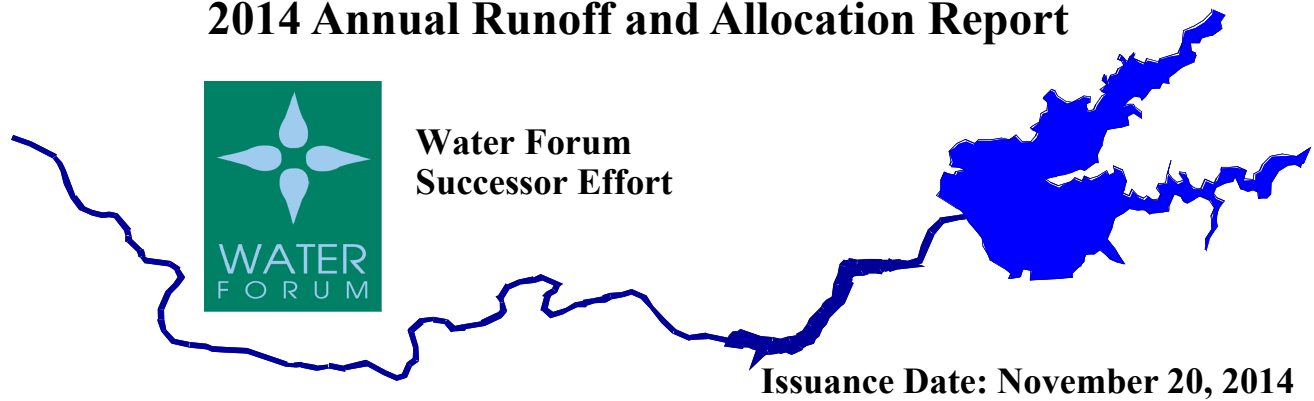
Mid-Month storm events in May-2013 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On July 15, 2013 the CVP announced that the North of the Delta Municipal and Industrial (M&I) allocation is 75 percent of their historic use. Please see the following web site for more information. <http://www.usbr.gov/mp/PA/water/>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

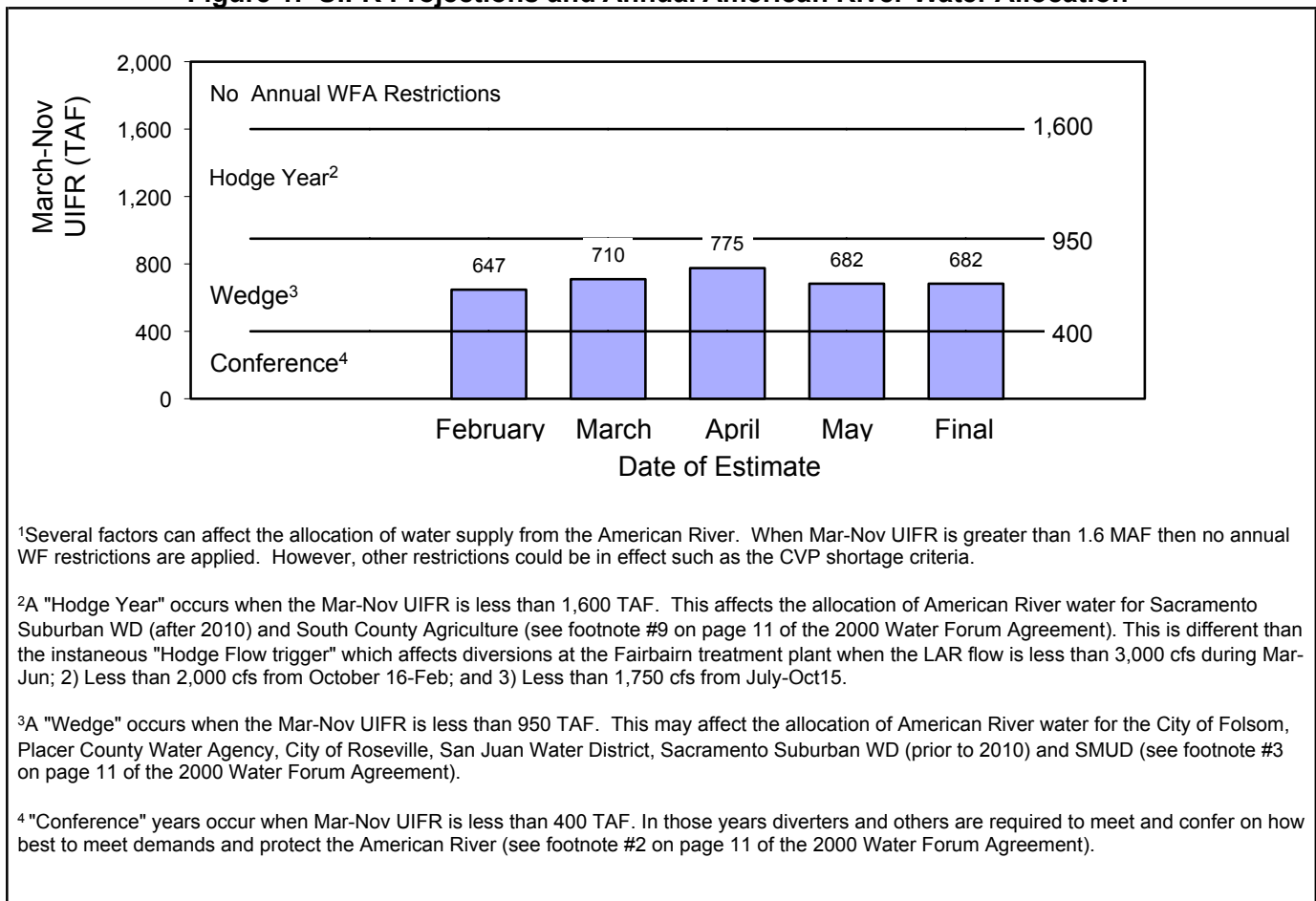
2014 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2014 is 682 TAF.
This level of flow triggers a Wedge Year**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



¹Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1.6 MAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

²A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 11 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

³A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 11 of the 2000 Water Forum Agreement).

⁴"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (see footnote #2 on page 11 of the 2000 Water Forum Agreement).

Monthly Runoff and Allocation Report; 2014 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	145	158	232	232	232
April ¹	210	220	225	233	233
May ¹	180	200	200	125	125
June ¹	45	60	50	29	29
July ¹	5	10	5	3	3
August and September ¹	1	1	2	-	-
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	647	710	775	682	682

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

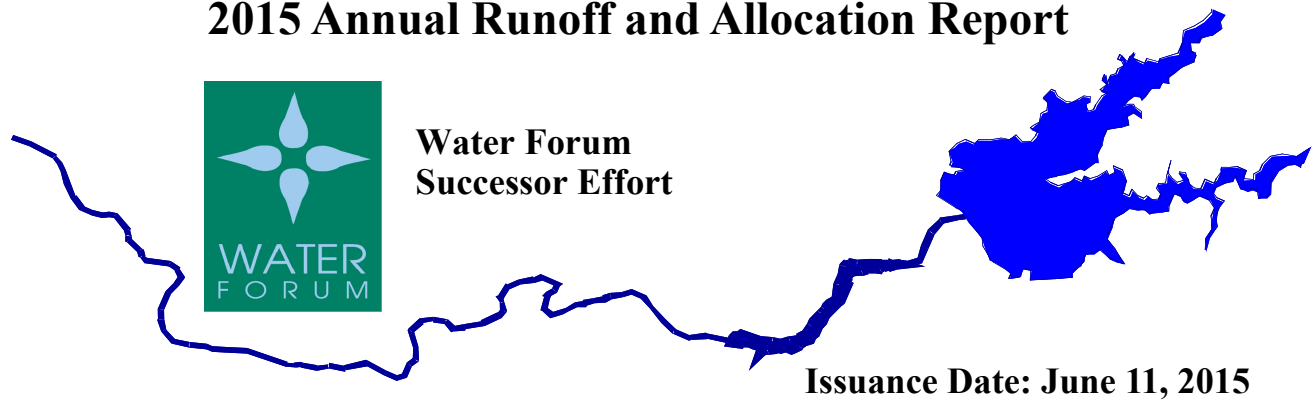
Mid-Month storm events in May 2014 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On April 18, 2014 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 50 percent of their historic use. <http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=46565>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

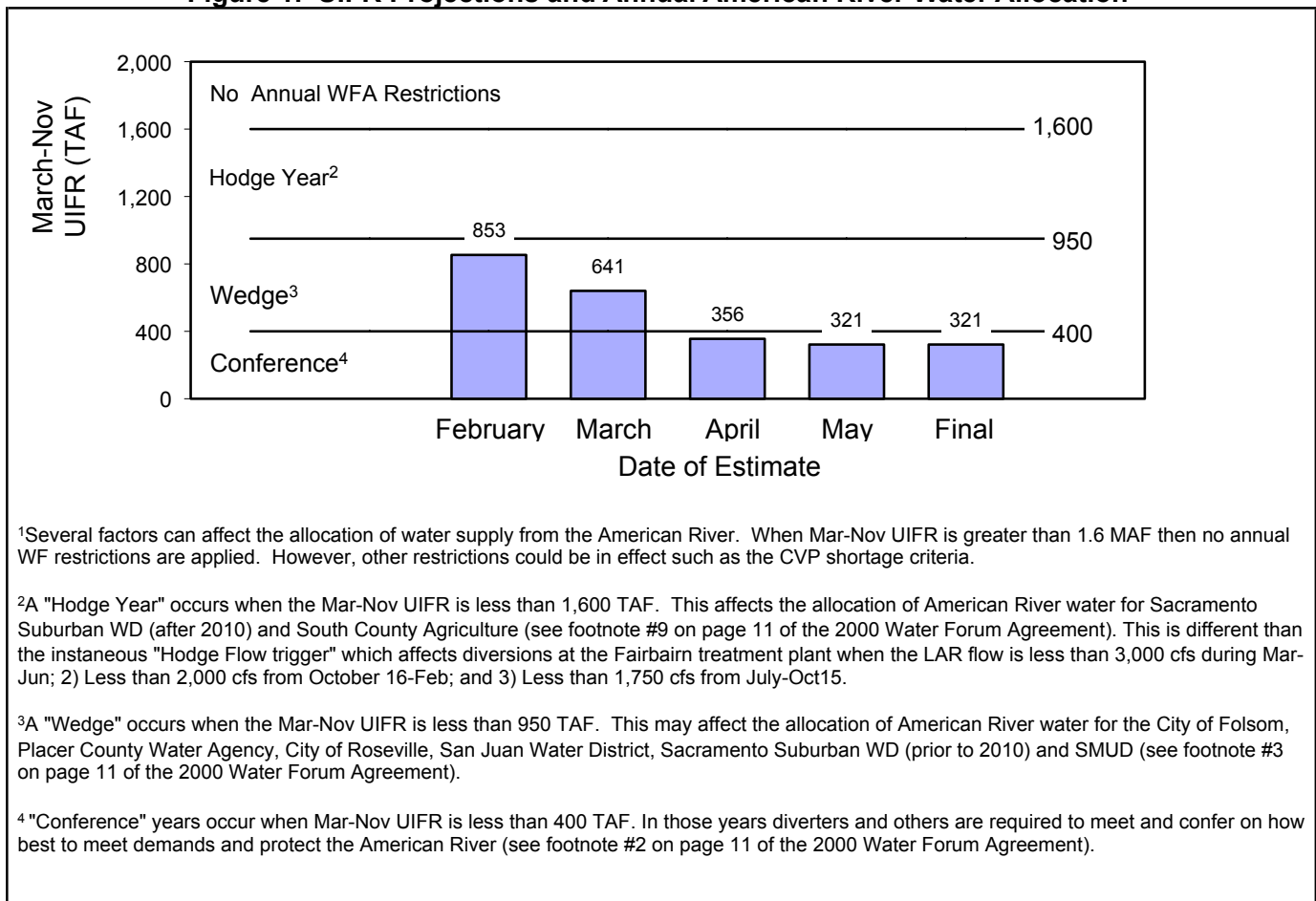
2015 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for 2015 is 321 TAF.
This level of flow triggers a Conference Year**

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2015 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	250	200	86	86	86
April ¹	240	180	105	80	80
May ¹	225	150	85	80	80
June ¹	65	45	20	15	15
July ¹	10	5	-	-	-
August and September ¹	2	1	-	-	-
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	853	641	356	321	321

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May 2015 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

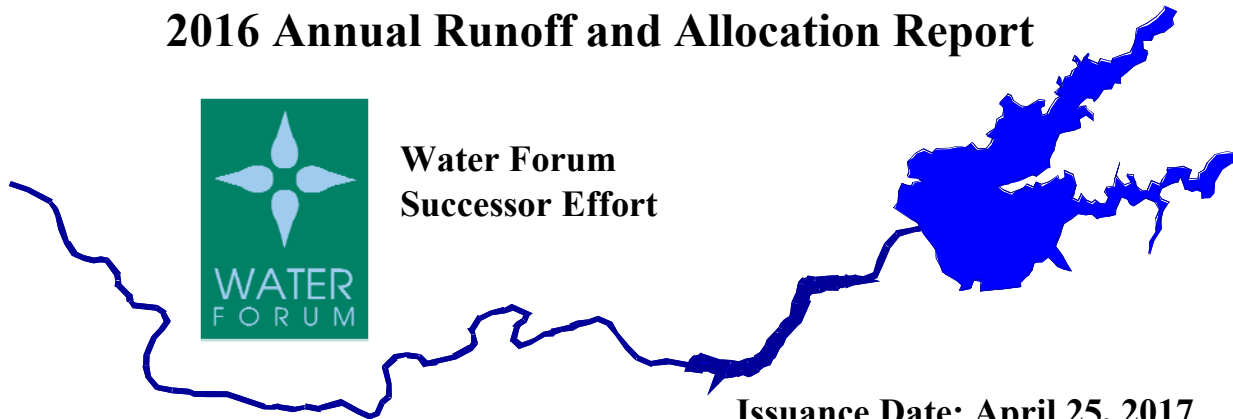
On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

2016 Annual Runoff and Allocation Report



**Water Forum
Successor Effort**



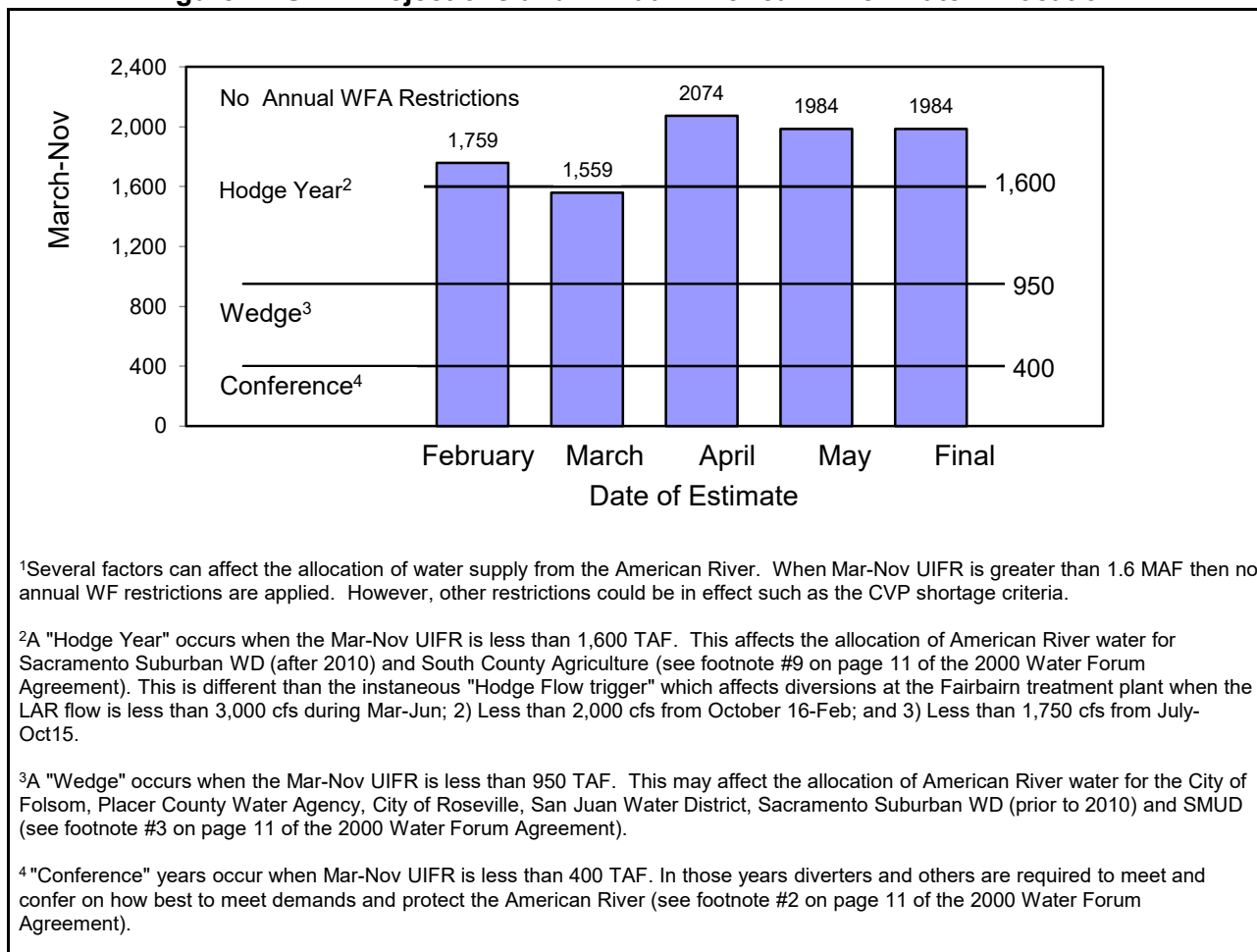
Issuance Date: April 25, 2017

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2016 is 1984 TAF.

For this year type there are no annual restrictions in the Water Forum Agreement.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2016 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	372	469	812	812	812
April ¹	450	380	430	422	422
May ¹	530	420	485	430	430
June ¹	270	175	220	195	195
July ¹	50	35	45	43	43
August and September ¹	12	9	10	9	9
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,759	1,559	2,074	1,984	1,984

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May 2016 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

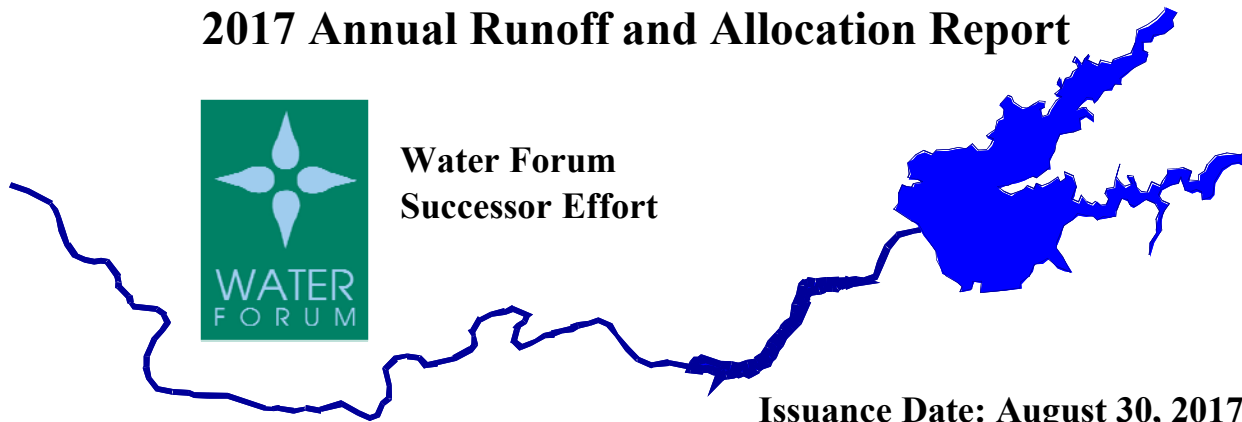
On April 1, 2016, the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 100 percent of their historic use. (<https://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=53447>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

2017 Annual Runoff and Allocation Report



**Water Forum
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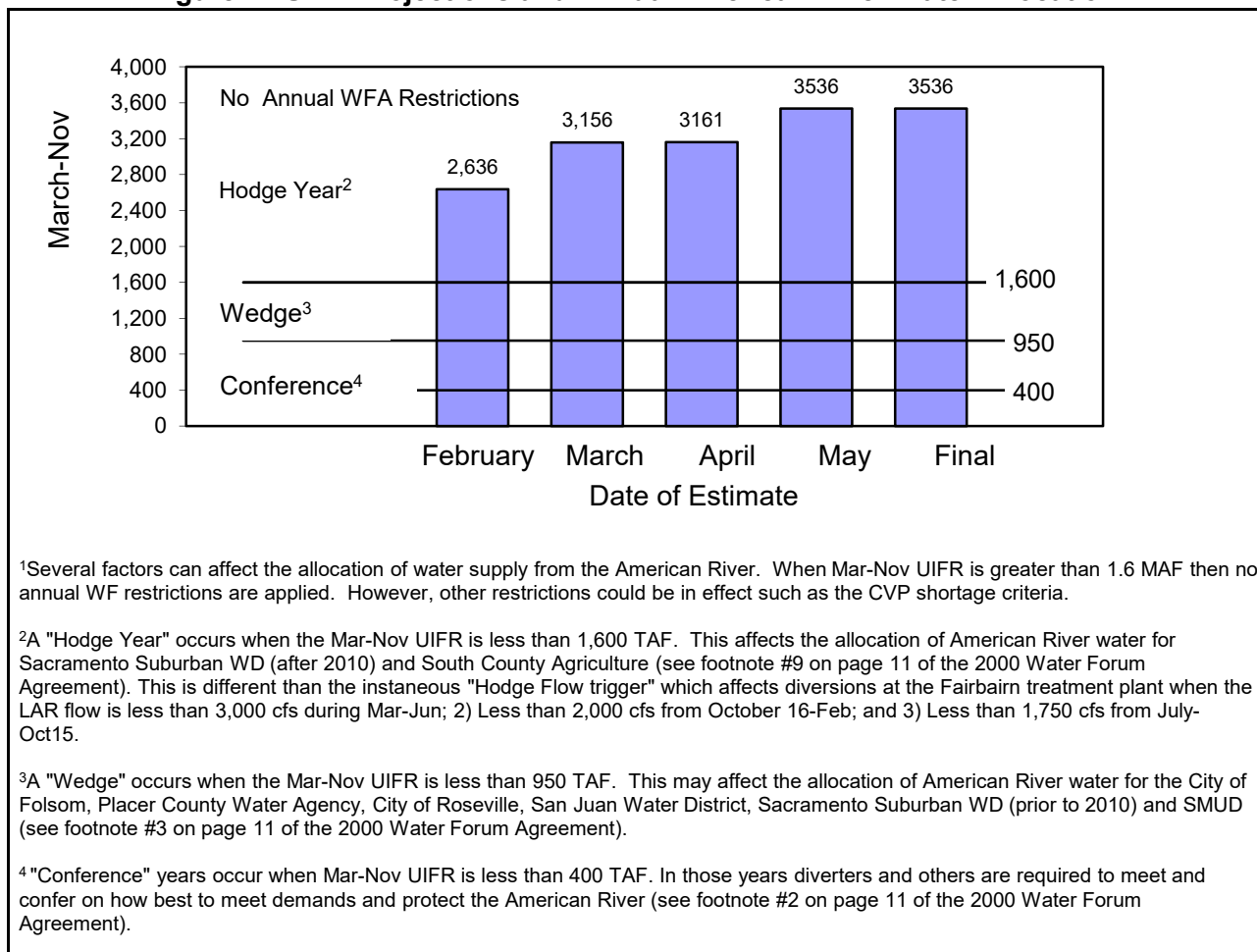


Issuance Date: August 30, 2017

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2017 is 3536 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2017 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	745	680	694	694	694
April ¹	590	710	725	894	894
May ¹	680	900	910	940	940
June ¹	420	600	560	695	695
July ¹	100	150	155	181	181
August and September ¹	16	22	23	27	27
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	2,636	3,156	3,161	3,536	3,536

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May 2017 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

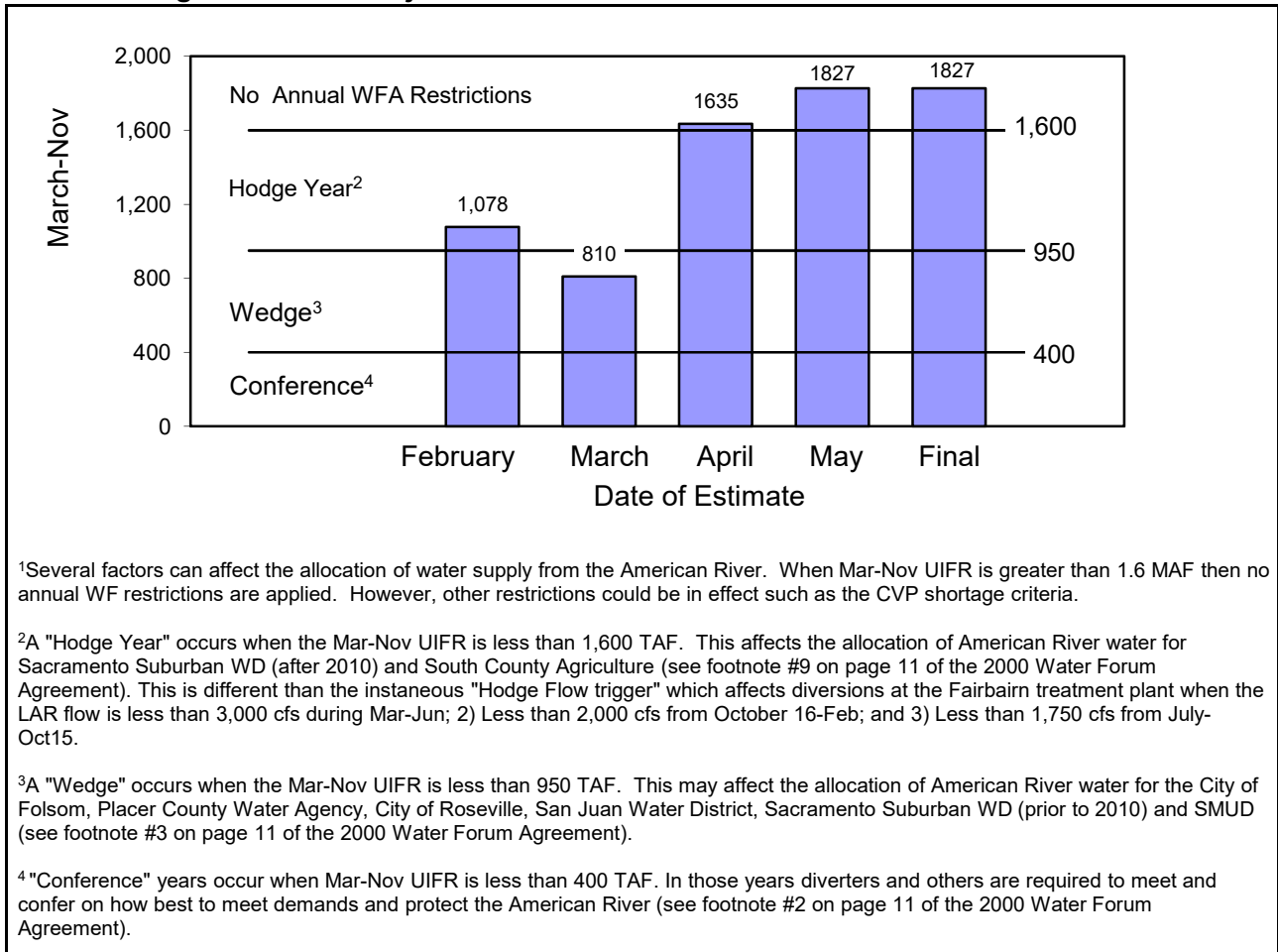
2018 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2018 is 1827 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2018 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				Final Values
	February Publication	March Publication	April Publication	May Publication	
March ¹	340	299	661	661	661
April ¹	290	215	370	713	713
May ¹	280	180	355	285	285
June ¹	85	50	150	88	88
July ¹	15	5	25	14	14
August and September ¹	4	1	6	3	3
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,078	810	1,635	1,827	1,827

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2018 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

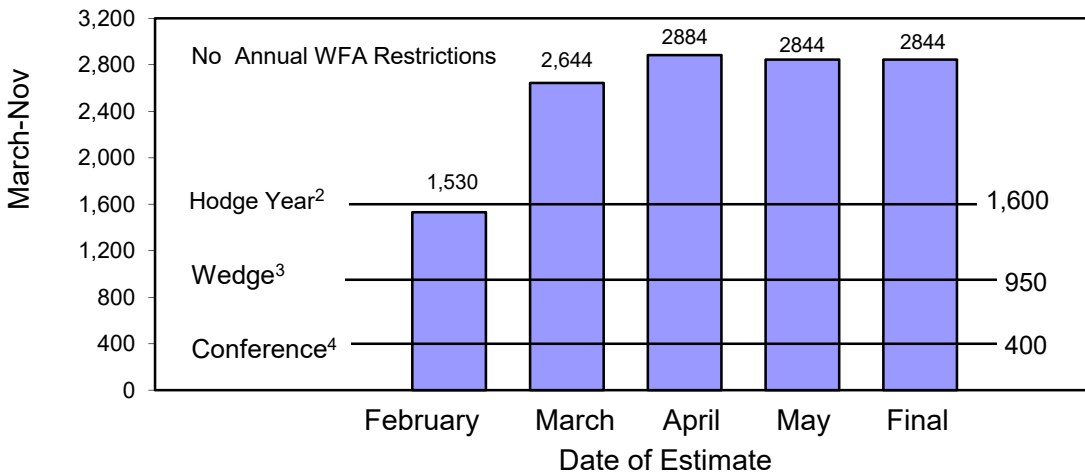
2019 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2019 is 2844 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



¹Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1.6 MAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

²A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 11 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

³A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 11 of the 2000 Water Forum Agreement).

⁴"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (see footnote #2 on page 11 of the 2000 Water Forum Agreement).

Monthly Runoff and Allocation Report; 2018 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	370	720	754	754	754
April ¹	410	595	635	767	767
May ¹	450	690	760	690	690
June ¹	180	430	495	430	430
July ¹	40	105	130	103	103
August and September ¹	9	18	20	17	17
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,530	2,644	2,884	2,844	2,844

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2019 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

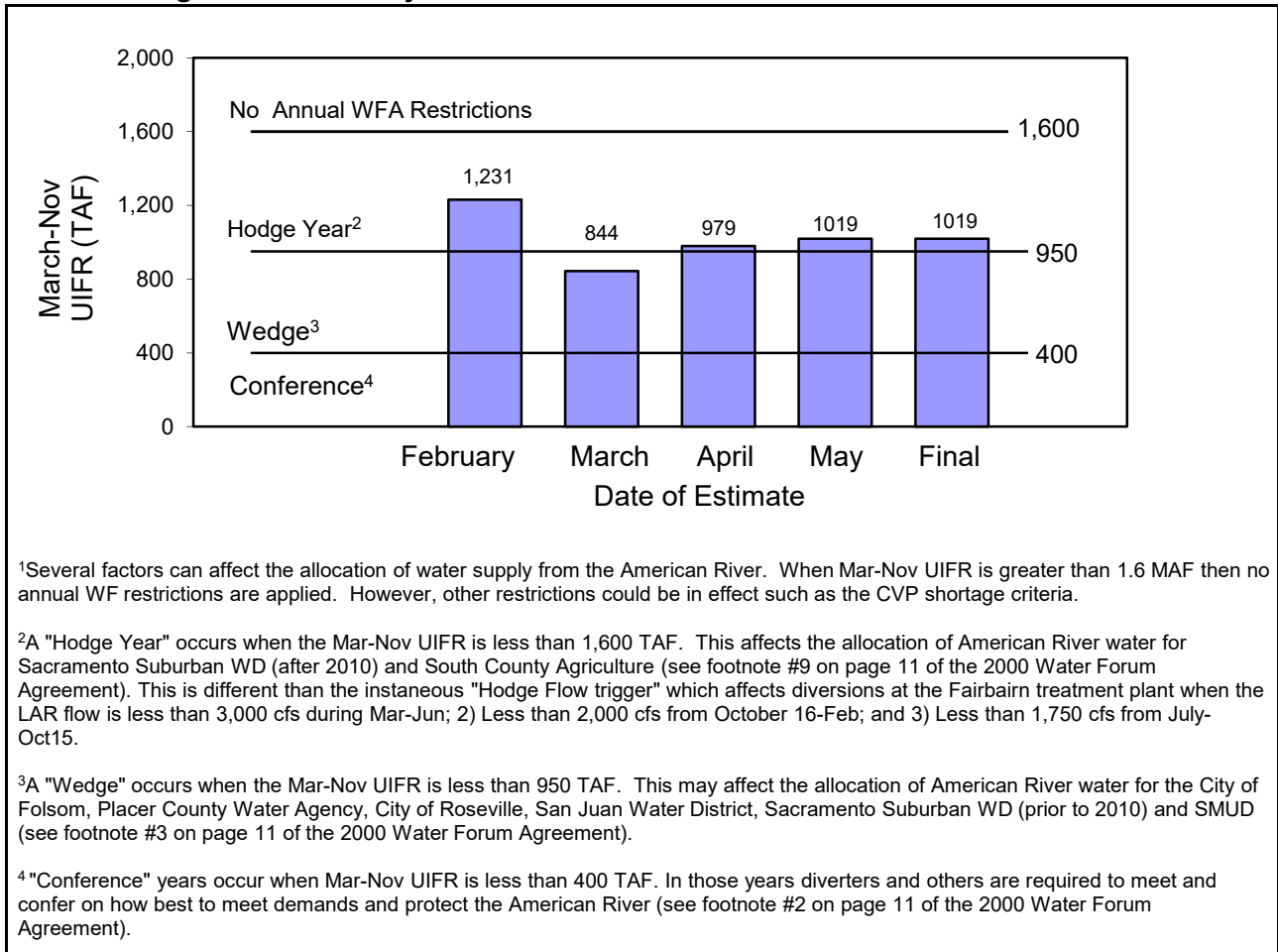
2020 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2020 is 1019 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2018 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				Final Values
	February Publication	March Publication	April Publication	May Publication	
March ¹	275	200	160	160	160
April ¹	350	260	320	446	446
May ¹	355	245	310	260	260
June ¹	150	65	105	70	70
July ¹	25	10	15	14	14
August and September ¹	6	2	4	5	5
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,231	844	979	1,019	1,019

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2020 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

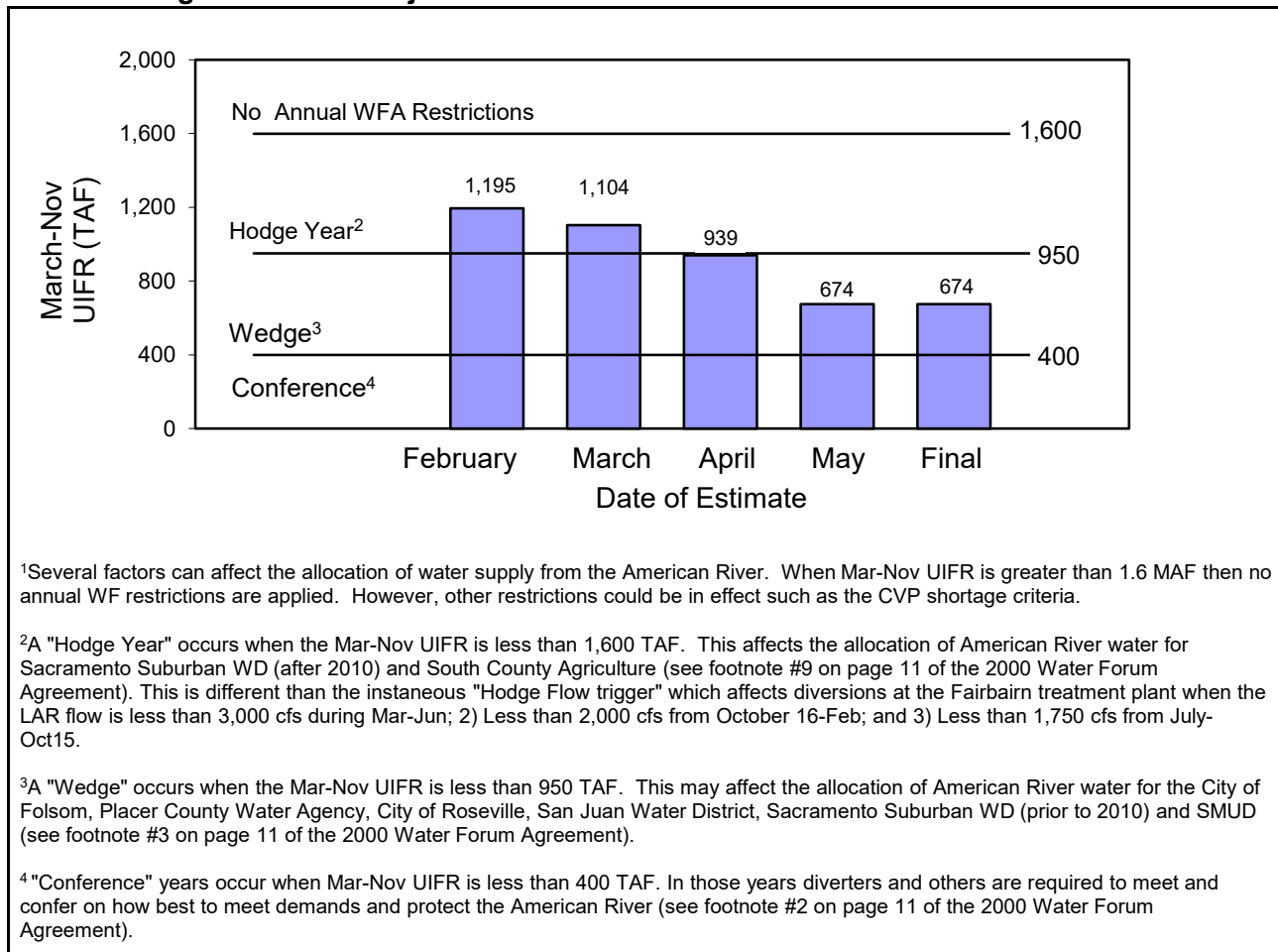
2021 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2021 is 674 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2018 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	262	262	128	128	128
April ¹	360	310	305	203	203
May ¹	340	320	300	213	213
June ¹	135	120	115	55	55
July ¹	25	20	20	9	9
August and September ¹	6	6	5	3	3
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,195	1,104	939	674	674

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2021 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

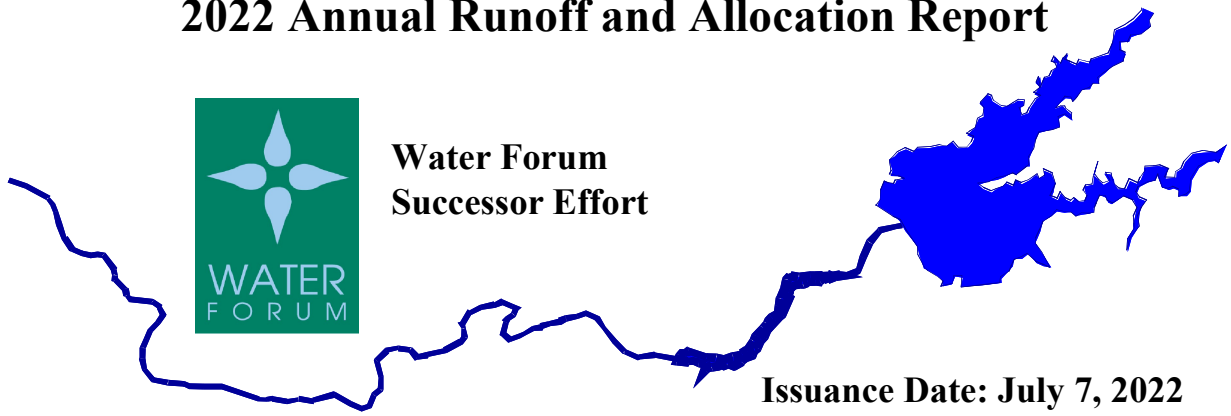
On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

2022 Annual Runoff and Allocation Report



**Water Forum
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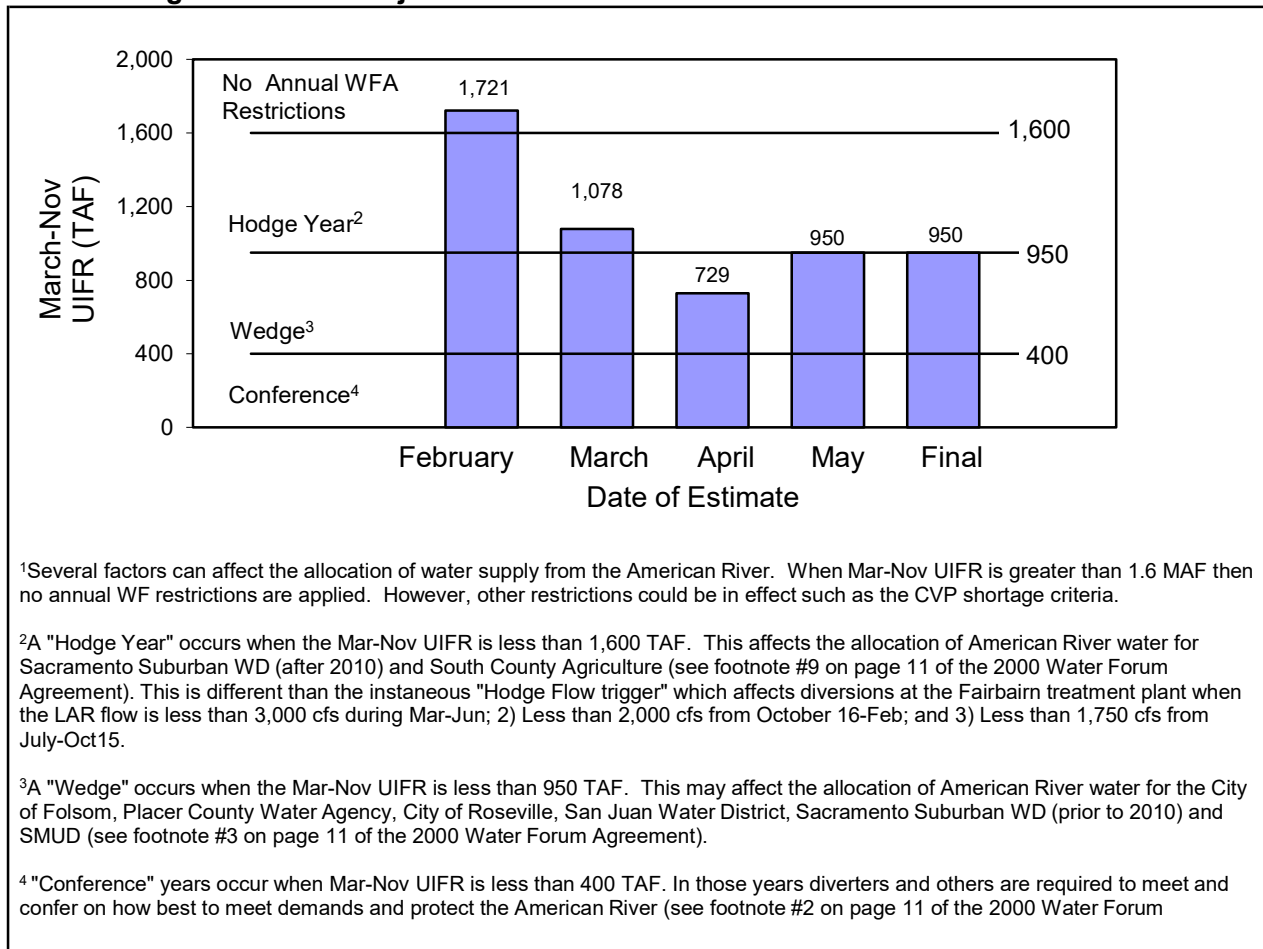


Issuance Date: July 7, 2022

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2022 is 950 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2022 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	465	238	216	216	216
April ¹	430	320	224	348	348
May ¹	490	315	175	247	247
June ¹	205	115	46	65	65
July ¹	45	20	5	10	10
August and September ¹	11	5	2	2	2
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,721	1,078	729	950	950

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2022 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On April 1, 2022, USBR announced water supply for all Central Valley Project M&I water service contractors will be reduced to Public Health and Safety.
<https://www.usbr.gov/newsroom/#/news-release/4157>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.

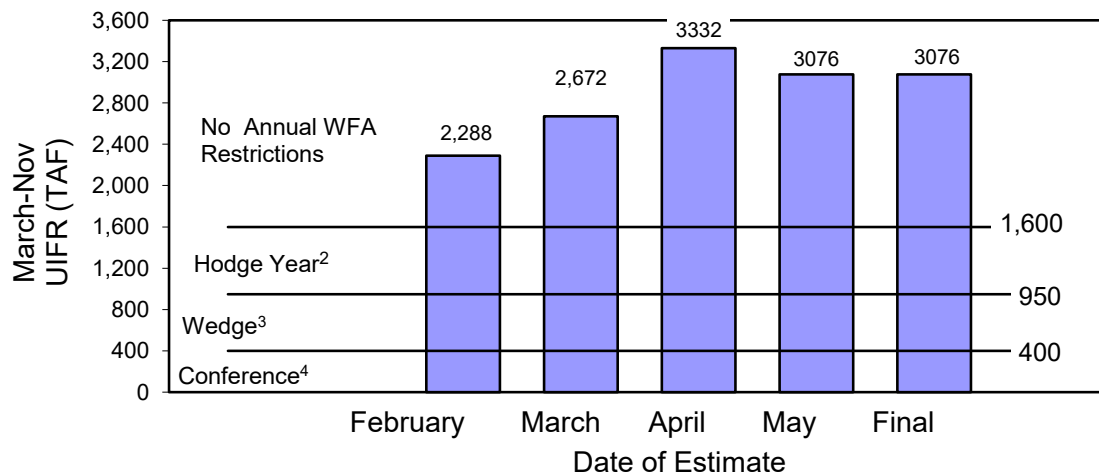
2023 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for 2023 is 3076 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



¹Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1.6 MAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

²A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 11 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

³A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 11 of the 2000 Water Forum Agreement).

⁴"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (see footnote #2 on page 11 of the 2000 Water Forum Agreement).

Monthly Runoff and Allocation Report; 2022 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	483	500	915	915	915
April ¹	590	695	735	655	655
May ¹	650	760	860	760	760
June ¹	385	480	560	505	505
July ¹	85	125	145	130	130
August and September ¹	15	20	23	20	20
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	2,288	2,672	3,332	3,076	3,076

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

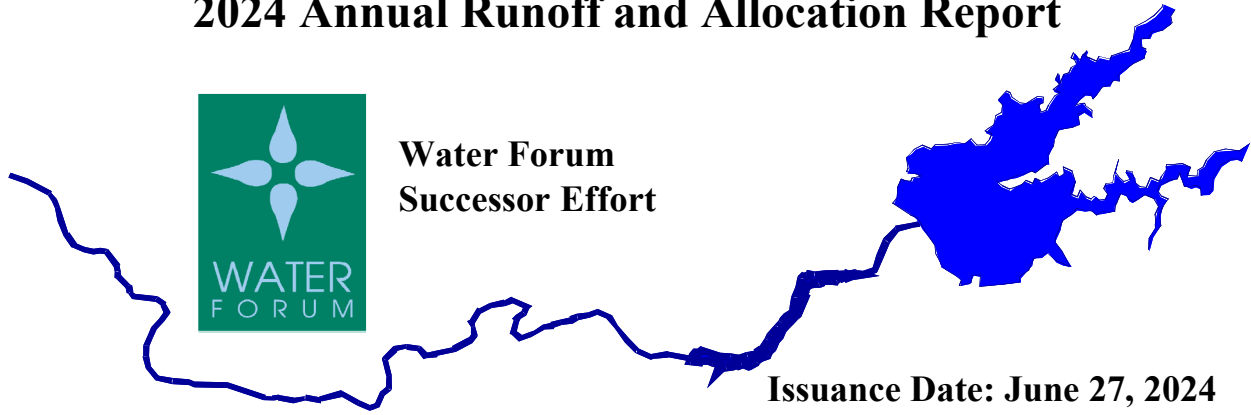
Mid-Month storm events in May-2023 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On March 28, 2023, the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta are allocated 100 percent of their contract supply (<https://www.usbr.gov/newsroom/news-release/4460>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only

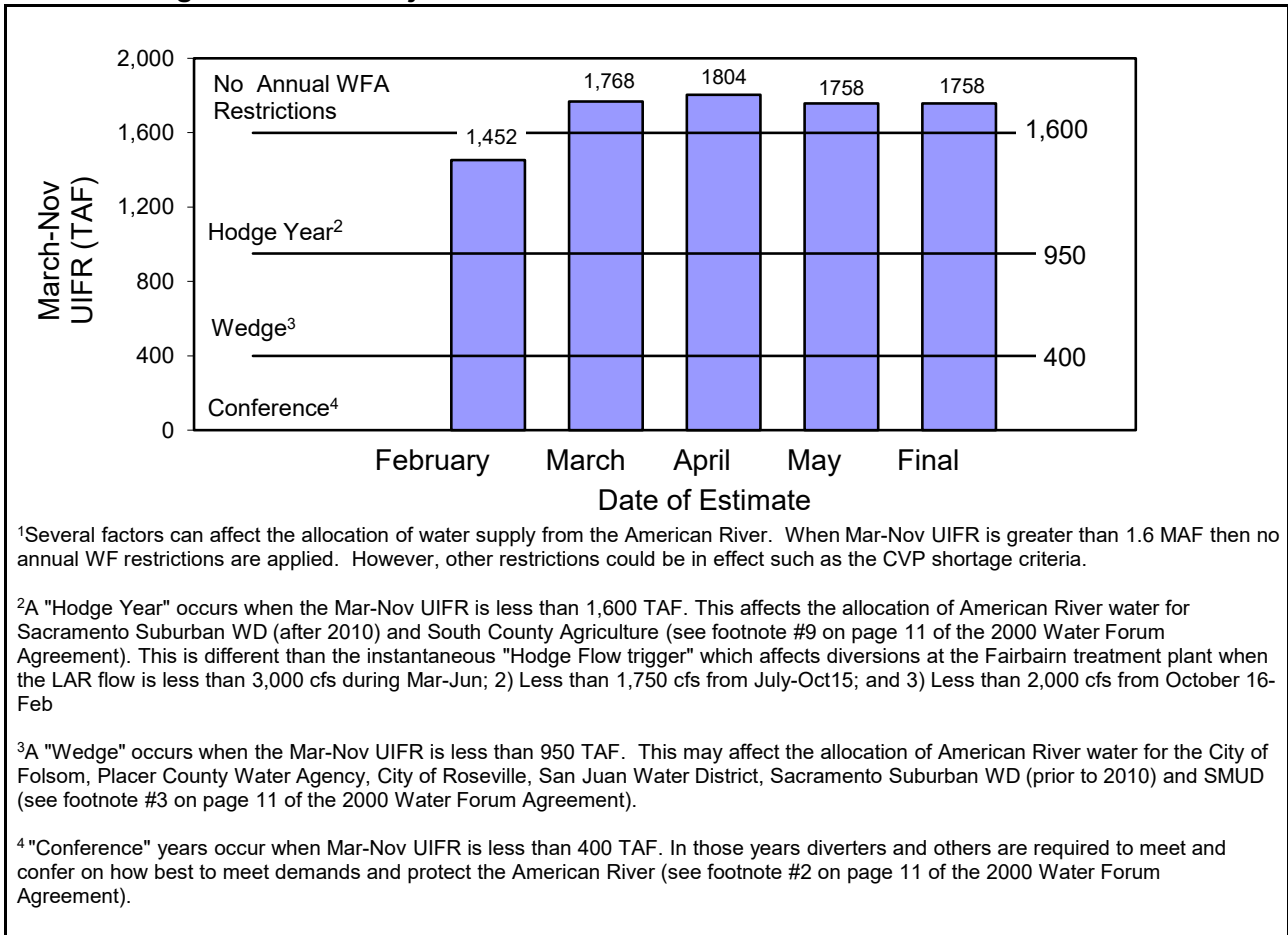
2024 Annual Runoff and Allocation Report



Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <https://www.waterforum.org/wp-content/uploads/2014/08/Water-Forum-Agreement-Update-2015-Chapter-3.pdf>

Projected Mar-Nov UIFR for 2024 is 1758 TAF.

Figure 1. UIFR Projections and Annual American River Water Allocation¹



Monthly Runoff and Allocation Report; 2024 (continued)

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	392	400	457	457	457
April ¹	400	450	445	511	511
May ¹	385	520	520	470	470
June ¹	160	255	245	199	199
July ¹	35	55	50	40	40
August and September ¹	9	11	11	9	9
October ²	30	30	30	30	30
November ²	30	30	30	30	30
Total	1,452	1,768	1,804	1,758	1,758

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

Significant Post May Events:

Mid-Month storm events in May-2024 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

The CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 100 percent for 2024.

<https://www.usbr.gov/newsroom/news-release/4743>

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only