



United States Department of the Interior



BUREAU OF RECLAMATION
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IN REPLY REFER TO:

LCB-4200
2.2.4.23

VIA ELECTRONIC MAIL ONLY

Isela Canava, P.E.
Principal Engineer
Operations Department
International Boundary and Water Commission
United States Section
4191 North Mesa Street
El Paso, TX 79902

Subject: Schedule of Calendar Year (CY) 2023 Colorado River Water Deliveries to Mexico
(Delivery Schedule 1 Dated December 16, 2022)

Dear Principal Engineer Canava:

The Bureau of Reclamation received the United States Section of the International Boundary and Water Commission's (USIBWC) letter dated December 21, 2022, providing Reclamation with the initial schedule of Mexico's monthly Colorado River water deliveries for CY 2023 (Delivery Schedule 1). In accordance with Section III.A of Minute 323,¹ Mexico's Delivery Schedule 1 incorporates the required delivery reductions of approximately 86 million cubic meters (CM) (70,000 acre-feet [AF]) from its annual Colorado River water allotment of 1,850,234,000 CM (1,500,000 AF); and requests 1,532,403,435 cubic meters (CM) (1,242,332 acre-feet [AF]) of deliveries at the Northerly International Boundary; 172,689,000 CM (140,000 AF) of deliveries at the Southerly Land Boundary near San Luis, Sonora; and 3,033,642 CM (2,459 AF) of diversions at Parker Dam to effect emergency deliveries to the City of Tijuana, Baja California pursuant to Minute 327.²

Additionally, Mexico's Delivery Schedule 1 incorporates a downward adjustment of 41,938,626 CM (34,000 AF) for the creation of Mexico's Recoverable Water Savings³ and deferred delivery of 13,825,067 CM (11,208 AF) for the creation of Mexico's Water Reserve.

¹ Referring to *Extension of Cooperative Measures and Adoption of a Binational Water Scarcity Contingency Plan in the Colorado River Basin* dated September 21, 2017 (Minute 323).

² Referring to *Emergency Deliveries of Colorado River Waters for Use in the City of Tijuana, Baja California* dated January 28, 2022 (Minute 327).

³ In accordance with Section IV of Minute 323 (Binational Water Scarcity Contingency Plan [BWSCP]) and Section II of the *Joint Report of the Principal Engineers with the Implementing Details of the Binational Water Scarcity Contingency Plan in the Colorado River Basin* dated July 11, 2019 (2019 Joint Report), Mexico's required BWSCP Contribution is 34,000 AF (41,938,626 CM) in CY 2023, based on the August 2022 24-Month Study projection that Lake Mead's effective elevation on January 1, 2023 would be 1,047.61 feet. The CY 2023 projected effective elevation of 1,047.61 feet was calculated by taking Lake Mead's projected end of CY 2022 physical elevation of 1,040.78 feet, as reported in the August 2022 24-Month Study, and adding 480,000 AF of water held back in Lake Powell to Lake Mead's capacity to maintain operational neutrality. Additional information is available at: <https://www.usbr.gov/lc/region/g4000/24mo/>.

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ARIZONA, CALIFORNIA*, NEVADA*

* PARTIAL

Reclamation notes that Lake Mead's actual January 1, 2023 effective elevation was 1,051.52 feet. Resultantly, in accordance with Section H.1 of the 2021 Joint Report⁴, 4,000 AF of the 34,000 AF created for Mexico's Recoverable Water Savings shall be accounted for and remain available as part of Mexico's Water Reserve and will be available for use in subsequent years.

Reclamation has reviewed Mexico's requested deliveries and confirms it is able to execute the requested deliveries according to Delivery Schedule 1 provided by the USIBWC. The enclosed schedule reflects the monthly deliveries in Delivery Schedule 1, converted to AF as used in Reclamation's daily water use forecast.

Reclamation appreciates USIBWC's cooperation and assistance in planning river operations and in addressing issues associated with management of the Colorado River and will continue to advise USIBWC regarding Colorado River operations as they proceed through CY 2023.

Should you have questions, please contact Jeremy Dodds, Water Accounting and Verification Group Manager, at (702) 293-8164 or jdodds@usbr.gov. Individuals in the United States, who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or TeleBraille) to access telecommunication relay services. Individuals outside the United States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

Sincerely,

**JACKLYNN
GOULD**  Digitally signed by
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Date: 2023.03.15
14:31:03 -04'00'

Jacklynn L. Gould, P.E.
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Enclosure

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Continued on next page.

⁴ Referring to *Joint Report of the Principal Engineers with the Operational Provisions Applicable to Water for the Environment Stipulated in Minute 323* dated December 16, 2021 (2021 Joint Report).

cc: Continued from previous page.

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**Calendar Year 2023 Colorado River Water Deliveries for Mexico
Delivery Schedule 1 dated December 16, 2022**

Month	Mexico's Requested Deliveries at Northernly International Boundary		Mexico's Requested Deliveries at Land Boundary near San Luis, Sonora		Diversions at Parker Dam to Effect Tijuana Emergency Deliveries in Accordance with Minutes 327 ^a		Total Delivery to Mexico (Col. 1+2+3)		Creation of Mexico's Recoverable Water Savings That Contribute to the Binational Water Scarcity Contingency Plan in Accordance with Minute 323 ^b , and the 2019 and 2021 Joint Reports ^c		Water Deferred for Creation of Mexico's Water Reserve in Accordance with Minute 323 ^b		Total Delivery to Mexico in Satisfaction of Treaty Requirements ^{d,e} (Col. 4+5+6)	
	AF	CM	AF	CM	AF	CM	AF	CM	AF	CM	AF	CM	AF	CM
January	102,977	127,020,442.000	11,891	14,666,918.400	0	0.000	114,867	141,687,360.400	0	0.000	11,208	13,825,067.000	126,075	155,512,427.400
February	118,900	146,661,581.000	10,740	13,247,539.200	0	0.000	129,640	159,909,120.200	0	0.000	0	0.000	129,640	159,909,120.200
March	156,176	192,641,242.000	11,891	14,666,918.400	0	0.000	168,066	207,308,160.400	0	0.000	0	0.000	168,066	207,308,160.400
April	144,424	178,145,401.000	11,507	14,193,792.000	410	505,607.000	156,341	192,844,800.000	0	0.000	0	0.000	156,341	192,844,800.000
May	109,081	134,550,035.000	11,891	14,666,918.400	410	505,607.000	121,381	149,722,560.400	0	0.000	0	0.000	121,381	149,722,560.400
June	116,161	143,283,001.000	11,507	14,193,792.000	410	505,607.000	128,078	157,982,400.000	0	0.000	0	0.000	128,078	157,982,400.000
July	117,875	145,397,555.000	11,891	14,666,918.400	410	505,607.000	130,176	160,570,080.400	0	0.000	0	0.000	130,176	160,570,080.400
August	90,733	111,917,555.000	11,891	14,666,918.400	410	505,607.000	103,033	127,090,080.400	0	0.000	0	0.000	103,033	127,090,080.400
September	84,642	104,405,134.000	11,505	14,191,656.000	410	505,607.000	96,557	119,102,397.000	0	0.000	0	0.000	96,557	119,102,397.000
October	56,254	69,388,866.000	11,891	14,666,918.400	0	0.000	68,145	84,055,784.400	34,000	41,938,626.000	0	0.000	102,145	125,994,410.400
November	72,696	89,670,208.000	11,507	14,193,792.000	0	0.000	84,203	103,864,000.000	0	0.000	0	0.000	84,203	103,864,000.000
December	72,414	89,322,415.000	11,891	14,666,918.400	0	0.000	84,305	103,989,333.400	0	0.000	0	0.000	84,305	103,989,333.400
Total	1,242,332	1,532,403,435.000	140,000	172,689,000.000	2,459	3,033,642.000	1,384,792	1,708,126,077.000	34,000	41,938,626.000	11,208	13,825,067.000	1,430,000	1,763,889,770.000

AF = Acre-Feet CM = Cubic Meters Annual totals may differ from the sum of the displayed monthly values due to rounding and conversion from CM to AF.

a/ Referring to "Emergency Deliveries of Colorado River Waters for Use in the City of Tijuana, Baja California", dated January 28, 2022 (Minute 327), applicable through January 27, 2027.

b/ Referring to "Extension of Cooperative Measures and Adoption of a Binational Water Scarcity Contingency Plan in the Colorado River Basin" dated September 21, 2017 (Minute 323).

c/ Referring to "Joint Report of the Principal Engineers with the Implementing Details of the Binational Water Scarcity Contingency Plan in the Colorado River Basin" dated July 11, 2019 (2019 Joint Report) and "Joint Report of the Principal Engineers with the Operational Provisions Applicable to Water for the Environment Stipulated in Minute 323" dated December 16, 2021 (2021 Joint Report).

d/ In accordance with Section III.A of Minute 323, Mexico's scheduled deliveries incorporate the required reduction of 70,000 AF (86 million CM) from its 1.5 million AF (1,850.234 million CM) Colorado River water allotment.

e/ "Total Delivery to Mexico in Satisfaction of Treaty Requirements" adds in Mexico's Water Reserve and Mexico's Recoverable Water Savings creation and subtracts out Mexico's Water Reserve and Mexico's Recoverable Water Savings delivery, as applicable.