

Minutes of the Board Meeting of the
TRUCKEE-CARSON IRRIGATION DISTRICT
 Regular Session Board Meeting Minutes
April 5, 2022

The Board of Directors of the Truckee-Carson Irrigation District, in the counties of Churchill and Lyon, State of Nevada, met in regular session at the Office of the District, 2666 Harrigan Road, Fallon, Nevada, on **Tuesday, April 5, 2022** at 9:00 a.m.

The following Directors were present constituting a quorum:

Present:	Eric Olsen	President
	Robert Oakden	Secretary
	Lester deBraga	Treasurer
	Joseph Gomes	Director
	Abraham Schank	Director
Absent:	David Stix Jr.	Vice President
	Wade Workman	Director
Others Present:	Rusty Jardine	General Manager
	Helen-Marie Morrow	Finance Manager
	Kelly Herwick	District Water Master
	Cody Biggs	Construction/Maintenance Manager
	Mark Solinski	Hydroelectric Manager
	Michele Wisnefski	Assistant Secretary to the Board
	Ariel Tomb	Receptionist

Teleconference/Zoom Guests	Representing
Jason Villarreal	Bureau of Reclamation
Scott Fennema	Bureau of Reclamation
Jonathan Garrison	US Fish & Wildlife Service
Jeff Anderson	Natural Resources Conservation Service
Dave Whalen	City of Fernley
Julie O'Shea	Farmer's Conservation Alliance
Raija Bushnell	Farmer's Conservation Alliance
Karin Peternel	Michael Baker International
Rachel Dahl	The Fallon Post
Lane Dickson	The Ferguson Group

In-Person Guests	Representing
Jack Worsley	Bureau of Reclamation
Laurie Nicholas	Bureau of Reclamation
Robert Martinez	Bureau of Reclamation
Jacob Ward	Nevada Department of Wildlife
Nancy Upham	CC Mosquito, Vector & Noxious Weed Abatement District

J.D. McKay	CC Mosquito, Vector & Noxious Weed Abatement District
Norm Frey	Water User
Curtis Hutchinson	
Ben Shawcroft	Self

The following agenda items are not necessarily in the order they were heard or decided but in the order as appearing on the agenda.

1. Call to Order

President Olsen called the meeting to order in accordance with NRS 241 at 9:02 a.m.

2. Pledge of Allegiance

The Pledge of Allegiance was led by Ben Shawcroft.

3. Approval of the Agenda

A motion was made by Director Schank to adopt the agenda as presented, seconded by Secretary Oakden, request for comment and the motion was unanimously approved.

4. General Public Comment

There was no public comment.

5. Miscellaneous Correspondence

Rusty Jardine, General Manager, reported on the District's receipt of Bureau of Reclamation correspondence.

6. General Manager and Staff Reports

• **Rusty Jardine, General Manager**

Rusty Jardine, General Manager, reported on the solar facility feasibility meeting had on March 30, 2022.

Lane Dickson, Principal, The Ferguson Group, LLC (TFG) hired by the District to provide Washington D.C. representation, updated the Board regarding the status of their advocacy efforts on behalf of the District.

• **Cody Biggs, Construction & Maintenance Manager**

Cody Biggs, Construction & Maintenance Manager, reported that crews are flushing and burning the irrigation system and addressing trouble calls. In addition, crews will spend time in Fernley, on the Bench and at Rock Dam preparing for start of irrigation season. Crews will then go back to cleaning drains and addressing trouble calls.

• **Kelly Herwick, District Water Master**

Kelly Herwick, District Water Master, provided the attached report (Exhibit A) detailing current conditions, forecasts and District operations. Discussion followed regarding credit water.

- **Mike Adams, Systems & Technologies Manager**

Not present to report.

- **Mark Solinski, Hydroelectric Manager**

Mark Solinski, Hydroelectric Manager, reported that 300 cubic feet per second (cfs) is being released from Lahontan Reservoir. Work will start on Review of Operation & Maintenance (RO&M) inspection findings and Cody will provide road base for roads to Power Plants. In addition, the District is working with the Farmers Conservation Alliance (FCA) and The Ferguson Group (TFG) to request funding for Lahontan Dam and the District's power plants.

7. **City of Fernley – General Updates**

Dave Whalen, Public Works Director for the City of Fernley, provided an update regarding construction of the takeout structure intended to convey surface water from the Truckee Canal to the water treatment plant, including a monthly water meter measurement report to the District.

8. **United States Fish & Wildlife Service (USFWS) – General Updates**

Jonathan Garrison, Federal Officer, Stillwater National Wildlife Refuge, reported that a new employee started work with USFWS last week and the Shorebird Survey will begin this Thursday.

9. **Bureau of Reclamation – Lahontan Basin Area Office (LBAO) Representative(s) – General Updates**

Scott Fennema, Hydrologist, LBAO, provided a presentation to the Board on Airborne Snow Observatory (ASO) data collection (Exhibit B). Highlights of the presentation include the following:

- Flights/modeling will provide spatial distributed estimates of snow water equivalent (SWE).
- In cooperation with the River Forecasting Center (RFC), SWE can then be used to develop ASO Informed RFC Forecasts to generate runoff forecasts.

Jack Worsley, Area Manager, briefed the Board regarding the Extraordinary Maintenance (XM) Project repayment application status.

10. **Fallon-Paiute Shoshone Tribe (FPST) – General Updates**

Not present to report.

11. **Naval Air Station Fallon (NASF) – General Updates**

Not present to report.

12. **Natural Resources Conservation Service (NRCS) – General Updates**

Jeff Anderson, Water Supply Specialist, briefed the Board regarding the snow survey. Highlights of the presentation include the following:

- No increase in snow pack from January to mid-March.
- Snow pack is “ripe” on north facing slopes.

- The Carson Basin has lost 40% of its snowpack.
- Snow melt this year is 15 days ahead of 2021.
- Soil moisture is expected to result in a more efficient runoff.
- Warm weather in March may have produced peak stream flows.

13. Nevada Department of Wildlife (NDOW) – General Updates

Jacob Ward, Wildlife Technician, reported that maintenance work is being done, cows are entering the Pasture and a request to install 5.5 miles of internal wildlife fencing has been submitted. In addition, a water management plan is pending any changes to an irrigation allocation.

14. Farmer’s Conservation Alliance (FCA) – General Updates

Julie O’Shea, Executive Director, reported that FCA has been working with the District and the Natural Resources Conservation Service (NRCS) regarding PL 566 (The Watershed Protection and Flood Prevention Act) to establish watershed project plans and secure funding for such. In addition, FCA is working with the District, the Bureau of Reclamation and The Ferguson Group to secure congressionally directed funding for projects in the Carson Division, including the Lahontan Dam tower gates. The deadline for project requests is April 15, 2022.

15. Preliminary Review and Determination of 2022 Water Supply and Establishment of 2022 Water Delivery Rules

Deliberation was had regarding the setting of an annual allocation, water season start date, and dates for commencement of water ordering in the Truckee Division.

A motion was made by Director Gomes to reduce the annual water allocation for the Truckee Division from 90% to 70% and accept water orders starting April 6th, seconded by Secretary Oakden, request for comment and the motion was unanimously approved.

The Truckee Division allocation will be reviewed at the May Board meeting.

Discussion was had regarding setting an end date for the irrigation season and establishing a minimum pool in Lahontan Reservoir. No decision was made. The topic will be reviewed at a later Board meeting.

16. Resolution No. 2022-3 Affirming Election Results for the Office of Director to the Board of Directors for the Truckee-Carson Irrigation District: Election Year 2022

Deliberation was had relating to Resolution No. 2022-3; said Resolution affirming and declaring the results of election conducted by the Truckee Carson Irrigation District for election year 2022. In 2022, four director seats were open for election, to-wit: Division 2; Division 5; Division 6; and Division 7. The following candidates, all incumbents, provided declarations of candidacy for elected office as provided for by NRS 539.120: Wade Workman (Division 2); Eric Olsen (Division 5); Abrahm Schank (Division 6); and, Lester deBraga (Division 7). No contests for office existed in any of the election divisions of the District; nor did any matter or proposition exist to be voted upon at the time set for election (the first Tuesday after the first Monday in April -or April 5, 2022

(NRS 539.115). NRS 539.117 provides that where no contests for office exist, and no matters or propositions to be voted upon at any such election, then such election shall not be held, and the duly qualified candidates shall be deemed elected as of the date the election would otherwise have been held, and the Board of Directors are then to declare on its records such candidates to have been elected. This Resolution provides for all such matters.

A motion was made by Treasurer deBraga to approve Resolution No. 2022-3, seconded by Secretary Oakden, request for comment and the motion was unanimously approved.

17. Organization of the Board of Directors and Appointment of Secretary, Assistant Secretary, and Treasurer

Deliberation was had relating to organization of the Board of Directors upon election and providing for appointment of Board officers and provision of bonds for faithful performance of duties by the secretary and treasurer. NRS 539.073(2) provides that on the first Monday in May next following their election thereafter, the Board of Directors is to meet and organize, elect a president and vice-president, and appoint a secretary and treasurer. NRS 539.077 provides for appointment of an assistant secretary as needed.

A motion was made by Treasurer deBraga to re-elect Eric Olsen as President, seconded by Secretary Oakden, request for comment and the motion was unanimously approved.

A motion was made by Director Gomes to re-elect Dave Stix Jr. as Vice-President, seconded by Director Schank, request for comment and the motion was unanimously approved.

A motion was made by Director Schank to re-elect Robert Oakden as Secretary, seconded by Director Gomes, request for comment and the motion was unanimously approved.

A motion was made by Director Schank to re-elect Lester deBraga as Treasurer, seconded by Secretary Oakden, request for comment and the motion was unanimously approved.

A motion was made by Secretary Oakden to appoint Ariel Tomb as an Assistant Secretary to the Board, seconded by Director Gomes, request for comment and the motion was unanimously approved.

18. Resolution No. 2022-4 Approving Appointment of Benjamin Shawcroft, Esq. as General Manager of the Truckee-Carson Irrigation District

Deliberation was had relating to Resolution No. 2022-4; said Resolution providing for appointment of Benjamin Shawcroft, Esq., of Fallon, Nevada, as General Manager and Counsel for the Truckee-Carson Irrigation District, and approval of the terms and conditions of a contract for professional services related thereto. This appointment is made and provided for in consequence to the retirement from public service of Rusty D.

Jardine, Esq., now serving as General Manager and Counsel, with such retirement to be effective as of July 1, 2022. The Board of Directors is empowered to make such appointment as provided for by NRS 539.193.

A motion was made by Treasurer deBraga to approve Resolution No. 2022-4, seconded by Director Gomes, request for comment and the motion was unanimously approved.

19. Proposed Revisions to Exhibits C and G of Contract for Operation and Maintenance of the Newlands Federal Reclamation Project (No. 7-07-20-X0348-X) Now in Effect

Deliberation and decision relating to approval/denial of proposed revisions to Exhibits C and G of the Contract for the Operation and Maintenance of the Newlands Federal Reclamation Project (No. 7-07-20-X0348-X) now in effect as of January 1, 2022. Exhibit C was revised to include a request by the District that the 1959 agreement had with the United States Navy, with an amendment thereto made in 1965, be made a part of the exhibits of the Contract. Exhibit G to the Contract describes the contractual reporting requirements of the District and Reclamation applicable to the Contract -as described by the letter received from the Lahontan Basin Area Office, dated March 16, 2022, with proposed revisions identified therein.

A motion was made by Secretary Oakden to approve the revisions to Exhibits C and G of Contract No. 7-07-20-X0348-X, seconded by Treasurer deBraga, request for comment and the motion was unanimously approved.

20. Sale of District Property: Parcel No. 021-301-36, City of Fernley, Lyon County, Nevada

Deliberation was had relating to sale of district owned property in the City of Fernley, Lyon County, Nevada (Parcel No. 021-301-36) consisting of 6.84 acres, more or less. This Parcel is adjacent to Farm District Road in the vicinity of the junction of Desert Lakes Drive in Fernley. Interest in this sale has been expressed by multiple parties including YNS-Land of Henderson, Nevada. Action in this matter, if approved by the Board of Directors, may include a determination that the land is not required for District purposes, provision for an appraisal and offering for sale to the public specifying the form of notice to be given in the matter and any other terms of sale.

Note: Where lands are not required for purposes of the District, such lands may be conveyed to any purchaser upon such terms as the Board of Directors, by unanimous vote, deems to be in the best interests of the District. (NRS 539.217(1).

No action was taken as not all Board members were present for a unanimous vote.

21. Consent Agenda Items

Matters borne by the consent agenda are considered routine and/or informational in nature. Any deliberation and/or decisions made relating to the consent agenda may be given by the Board in a single action without comment, discussion, or public input as a single Board action. Any item on the consent agenda may be removed there-from, upon

the request of a Director or member of the public, and thus be made the object of full and complete deliberation and decision making. Action relating to the consent agenda may be undertaken at any time during the course of the meeting. Items on the consent agenda for this meeting are as follows:

- Approval of Director's compensation as provided for by NRS 539.080.
- Approval of Board Meeting Minutes of March 1, 2022.
- Approval of Special Board Meeting Minutes of March 8, 2022.

A motion was made by Treasurer deBraga to approve the Consent Agenda items including the Director's Compensation for the month of March, 2022 and the Board meeting minutes of March 1, 2022 and March 8, 2022, seconded by Director Gomes, request for comment and the motion was unanimously approved.

22. Committee Reports

- **Operations & Maintenance (O&M) Committee**

There was no meeting held for the month of March 2022.

- **Carson Lake Pasture (CLP) Committee**

Lester deBraga, Committee Chairman briefed the Board of Directors regarding CLP Committee recommendations as follows:

- 100% of the 1,839 permitted head are scheduled to enter pasture on April 1st
- Veterinarian certification to verify the inability to test injured bulls for trichomoniasis
- Discussion regarding drain water flows to Carson Lake Pasture for wildlife purposes in a short water year

- **Finance Committee**

Finance Committee Recommendations:

Treasurer deBraga (Finance Committee Chairman) reported that the Finance Committee met on March 31, 2022. Discussion was had regarding renewal of a contract with The Ferguson Group (TFG) for Washington D.C. representation services.

A motion was made by Treasurer deBraga to approve the Treasurer's report and Finance Committee recommendations to approve; including check numbers 42320 through 42366, online, phone and automatic payments, and transfer of \$382,106.75 to pay bills, seconded by Director Gomes, request for comment and the motion was unanimously approved.

- **Negotiations Committee**

There was no meeting held for the month of March 2022.

- **Policy Committee**

There was no meeting held for the month of March 2022.

- **Employee Relations Committee**

Approval of Recommendations Relating to Terms of Employment, Including Wage Scale, Upon a Process of Collective Bargaining Had by Truckee-Carson Irrigation District Employees Association and the Employee Relations Committee of the Truckee-Carson Irrigation District and Related Matters

- A. Deliberation by the Board of Directors, upon recommendation by the Employee Relations Committee, that the Truckee-Carson Irrigation District Employees Association be and it is recognized as that group of employees, recognized by the Board of Directors as having sufficient community of interest appropriate for representation and that the said association has the right to represent the local government employees as provided for by NRS 288.134 and NRS 288.136.

A motion was made by Secretary Oakden, to recognize the Truckee-Carson Irrigation District Employees Association as the official bargaining unit representing District employees, seconded by Treasurer deBraga, request for comment and the motion was unanimously approved.

- B. Deliberation by the Board of Directors, upon recommendation by the Employee Relations Committee and the Finance Committee of the Truckee-Carson Irrigation District, that the employees of the District be granted a three (3) percent step in grade if eligible upon evaluation and a two (2) percent cost of living increase (COL) as provided for by Article 13 (Wage Scale) of that certain Agreement entitled Truckee-Carson Irrigation District Employees Association Agreement dated November 29, 2017.

A motion was made by Secretary Oakden, to approve a three (3) percent step in grade if eligible upon evaluation and a two (2) percent cost of living increase (COL), seconded by Director Gomes, request for comment and the motion was unanimously approved.

- C. Deliberation by the Board of Directors, as to recommendations to be made to the Employee Relations Committee, as to the schedule of collective bargaining to be made with the Employees Association as to renewal of the Agreement now in effect between the parties.

No action was taken by the Board regarding a schedule of collective bargaining.

- **Public Relations Committee**

There was no meeting held for the month of March 2022. Abrahm Schank, Chairman reported on his efforts to keep the community informed via The Fallon Post. Discussion followed.

- **Revenue/IT Committee**

There was no meeting held for the month of March 2022.

- **Truckee Canal Safety Commission**

There was no meeting held for the month of March 2022.

23. Additional Public Comment

There was no public comment.

24. Adjournment

The meeting was adjourned subject to the call of the Board President at 11:58 a.m.


Eric Olsen - President

5-3-22
Date


Robert Oakden - Secretary

5-3-22
Date





Truckee-Carson Irrigation District

Newlands Project

EXHIBIT A

4/04/2022

BOARD MEETING

CURRENT CONDITIONS:

- **Truckee Div.**
 - Truckee River @ Vista gauge: 807cfs
 - Truckee Canal: 453cfs
 - < 1cfs in Gilpen Spill
 - 300cfs at TC canal at Wadsworth
 - Water Master "Derby flow Target": 300.5cfs
 - Below Derby Gauge: 334cfs
 - 418cfs at TC canal at Hazen
- **Carson Div.**
 - Carson River @ Ft. Churchill gauge: 401cfs
 - Lahontan Storage: 142001 a.f. / prev. 03/01/2022 @ 107596 a.f. ; Diff. + 34,405 a.f.
 - Release below Lahontan: 304cfs
 - Total Inflows: 819cfs/ approx. 1622 a.f. at 24hrs
 - Month End Storage target: 225,400 af/ would require approx. 67,300 af of Diversions
 - This is greater than the amount of water available for diversion from the Truckee River.

DISTRICT STATUS: Forecasting

- April. 2022 TROA outlook: Reservoir End of Month values
 - April-2022
 - Projected 167,436/ assumption of the median value
 - MAR-2022
 - 144,345 a.f. projected end of month storage
 - -5,876 a.f. short of end of month projection/ 95.9% of accuracy
- April. 2022 TROA outlook: Monthly Avg. flows
 - April-2022
 - 496cfs Canal at Wads Avg. flow
 - 504cfs Ft. Churchill Avg. flow
- Additional information
 - TC canal using 2020 & 2021 Inflow data
 - April thru August forecast @ 65,051
- April 2022 Water Supply Outlook Report
 - Carson R @ Ft Churchill – **Apr-Jul**
 - 70% exceedance : 20kaf/ 71% allocation (this includes the TC inflows)
 - 50% exceedance : 30kaf/ 74% allocation (this includes the TC inflows)
 - 30% exceedance : 51kaf/ 81% allocation (this includes the TC inflows)

BOARD OF DIRECTORS

Eric Olsen, President
David Stix, Jr., Vice-President
Bob Oakden, Secretary
Lester deBraga, Director/Treasurer
Abraham Schank, Director
Joseph Gomes, Director
Wade Workman, Director
Rusty D. Jardine, Esq., District Manager &
General Counsel

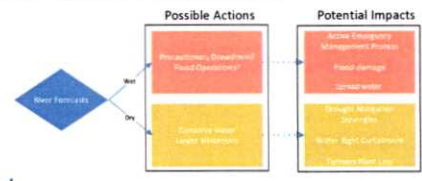


Collecting Airborne Snow Observatory (ASO) Data in the Truckee-Carson Basins

Scott Fennema, Ph.D.
Hydrologist
Lahontan Basin Area Office

Draft for Discussion Purposes Only

Impact of River Forecasts



- Background
 - Truckee-Carson Basin operations are based on river forecasts produced by NRCS and RFC
 - Forecasts often differ and frequently conflict
 - 2017—largest flood on record—100 kaf difference (1/3 of the Lahontan Storage)
 - Jan 1, 2022—RFC = 177 kaf; NRCS = 275 kaf—102 kaf difference
 - Apr 1, 2022—RFC = 35.1 kaf; NRCS = 30 kaf—5 kaf difference



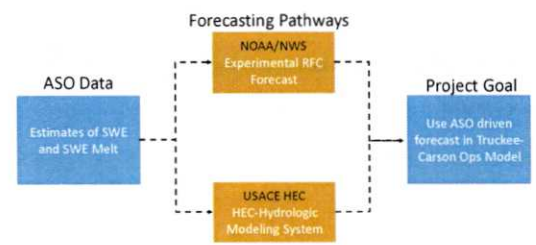
ASO in the Truckee-Carson Basins



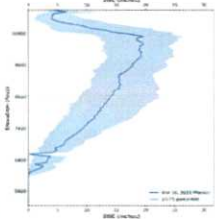
- Received \$450,000 grant to collect 2 snow-on flights
- Flights/Modeling will provide spatial distributed estimates of snow water equivalent (SWE)
- Partnered with CA DWR, who doubled our investment (by purchasing the snow-free and one additional snow-on flight)



ASO to River Forecasts



March 10th and 11th ASO Flight: Truckee Results



Survey Dates: March 10-11, 2022
 Survey # of Water Year 2022: 1
 Report Delivery Date: March 16, 2022
 Version: 0

Full basin SWE: 446 TAF
 Estimated snowline: 5500 ft

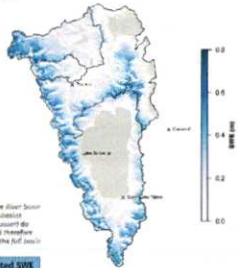


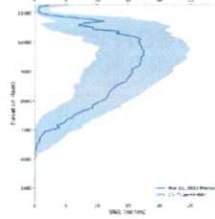
Figure 1. Spatial distribution of SWE depth (in).

Table 1. Fabricated SWE for the full Truckee River basin and by subbasin. Note: The requested subbasins (Farad, Lake Tahoe, Little Truckee, and Prosser) do not cover the full Truckee River basin and therefore subbasin SWE values do not add up to the full basin SWE amount.

Basin	Estimated SWE (TAF)
Full Basin	446
Uncertainty range	426 - 469
Farad	225
Lake Tahoe	182
Little Truckee	88
Prosser	35



March 10th and 11th ASO Flight: Carson Results



Survey Date: March 11, 2022
 Survey # of Water Year 2022: 1
 Report Delivery Date: March 16, 2022
 Version: 0

Full basin SWE: 207 TAF
 Estimated snowline: 6300 ft

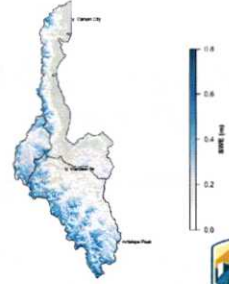


Figure 1. Spatial distribution of SWE depth (in).

Table 1. Fabricated SWE for the full Carson River basin and by subbasin.

Basin	Estimated SWE (TAF)
Full Basin	207
Uncertainty range	197-217
West Fork	38
East Fork	134
Other	35



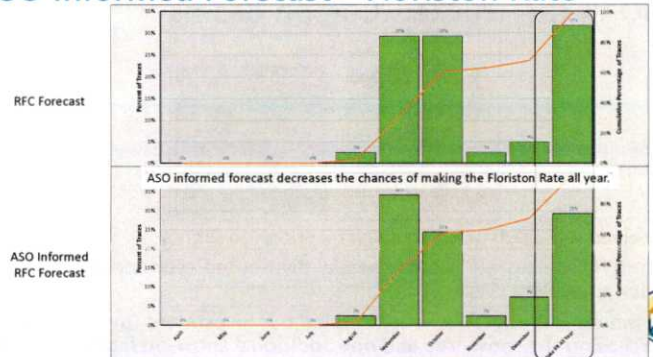
Snow to Flow → RFC Forecasts

	RFC April to July Forecast	ASO Informed RFC April to July Forecast	% Change	ASO Snow Water Estimate (kaf)
Truckee River at Farad (kaf)	163.7	170.8	+4%	446
Carson River at Ft Churchill (kaf)	66.7	91.3	+37%	207
Lake Tahoe Rise (ft)	0.90	0.82	-9%	--

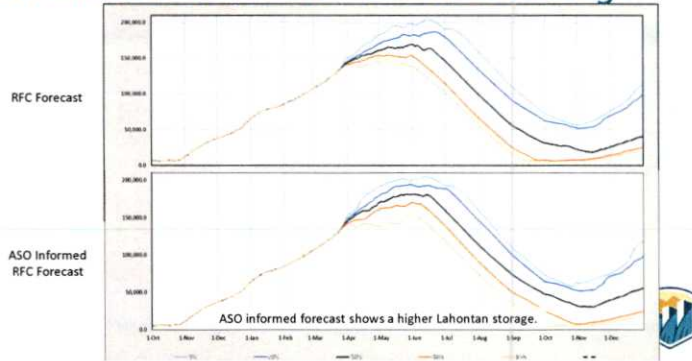
ASO informed forecast results in a 44% runoff efficiency, which may be high.



ASO Informed Forecast—Floriston Rate



ASO Informed Forecast—Lahontan Storage



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Truckee-Carson ASO Flight Schedule

- April 6th & 7th—timed with TROA
- Tentatively Mid-April to Early May Drought Designation



Summary

- Collecting 2 ASO flights over Truckee-Carson Basins with Reclamation funds
- Collecting 2 ASO flights (snow-free & snow-on) with CA DWR funds
- Working w/multiple groups to develop runoff forecasts
- ASO results have shown that the Truckee forecasts may be high and the Carson forecast may be low

Special Thanks to:

- California Department of Water Resources
- University of Nevada, Reno
- National Resource Conservation Service
- Army Corps of Engineers Hydrologic Engineering Center
- California Nevada River Forecast Center



Collecting Airborne Snow Observatory (ASO) Data in the Truckee-Carson Basins



BUREAU OF RECLAMATION

Scott Fennema, Ph.D.
Hydrologist
Lahontan Basin Area Office

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