

# WINTER OPERATIONS

Truckee Tahoe Airport District

November 17th 2021

Connected By  
More Than A Runway



# Introduction



- **Goals for the meeting**
- **We want to hear from you**
- **What questions do you want information on tonight?**

# PART I

## O/M Snow Ops

- Equipment & Operators
- Tracking the Weather
- Determining factors
- NOTAMS
- Snow removal sequence
- Hangar Rows

### WINTER OPERATIONS ZOOM MEETING



You're invited to an airport discussion on Winter Operations and Weather at KTRK.

Come listen to Airport staff and the National Weather Services' Chris Smallcomb talk about the coming 2021-2022 season. You'll also learn what you can expect from airport staff and what we need from both hangar and commercial tenants. Q & A following.

When: **Wed., Nov. 17, 2021**

Time: **5:30 - 6:30 p.m.**

Zoom Link: [▶ Join Meeting](#)

Meeting ID: 865 6892 3424

Passcode: 245131



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# STORM PREP: EQUIPMENT





# STORM PREP: EQUIPMENT OPERATORS



Scheduling of qualified operators for equipment

- Work schedules are adjusted
- Availability of on-call operators
- 12 hour shifts max

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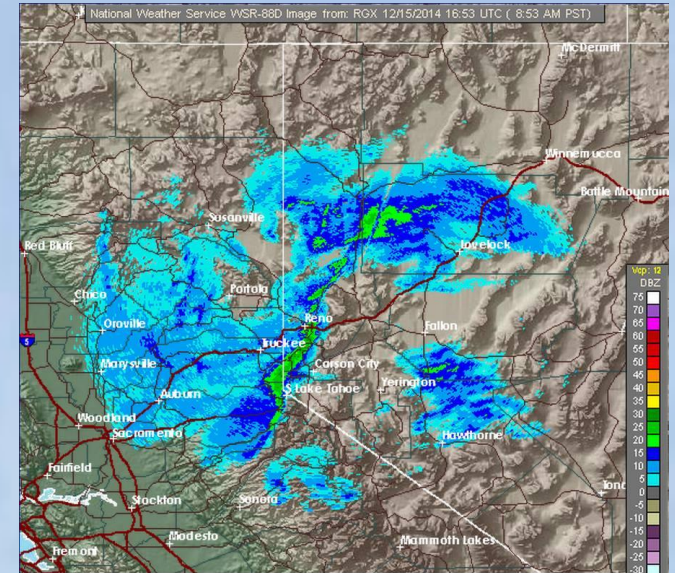
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# STORM PREP: Track the Weather

- NWS Reno
- Tahoe Daily Snow



**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, ST" or ZIP code: **Below Normal Temperatures Continue; Unsettled Weather Returns for the Northwest**

Enter location:  Go

Temperatures remain below normal for portions of the Ohio, Tennessee, and mid-Mississippi River Valleys into portions of the Plains. Meanwhile, temperatures will be moderating across the High Plains by Friday as warmer air returns in advance of a series of storm systems that will keep the Pacific Northwest unsettled the remainder of this week into the weekend. [Read More >](#)

**Weather Table** Western Region Headquarters

Weather.gov > Western Region Headquarters > Weather Table

Local Forecast Offices A-K Local Forecast Offices L-Z River Forecast Centers Center Weather Service Units Regional HQ

How to use this page

Select Number of Days, and Interval, then click on the map to get forecast options for that location, or enter coordinates below:

Number of Days:  1  2  3  4  5  6  7

Interval (hours):  1  3  6

Forecast for 39.3066N -120.1512W (Elev 6045FT)  
4 miles SE of Truckee, CA  
Issued by National Weather Service [WFO REV](#)  
0937 AM PDT Thu Nov 04 2021

[Permanent link for this location](#)

**Other data for this location:**

Point Forecast Page

Hourly Tabular Forecast

Hourly Weather Graph

Printer friendly link:

**OPENSNOW** Favorites Maps Explore Daily Snows News

Search for a Mountain, Season Pass, or Daily Snow Forecast

## Tahoe Daily Snow

By Bryan Allegretto, California Snow Forecaster  
Posted 1 day ago  
November 3, 2021 8:34am PDT

### Unsettled Thursday & Saturday, Snow Possible for Tuesday...

#### Summary

Nice weather for Wednesday. Windy with a chance for rain showers Thursday. A break Friday and then rain & snow showers are possible for Saturday. We could have another break Sunday into Monday, then snow is possible for Monday night into Tuesday. Then a drier pattern is possible starting next Wednesday.

#### Short Term Forecast

The ski areas that opened for Halloween weekend from the big storm last week have now closed after rain & warmer temps melted a lot of snow this week. We will have to track more storms and colder temperatures to see when mother nature could help to get the ski resorts open later this month.



# REAL-TIME Weather

- Weather checks throughout the day
- After-hours Accumulation checks



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# SNOW REMOVAL DETERMINING FACTORS



- Snow amount, storm duration, type of snow
- Sunshine factor
- Air Traffic Needs & Timing
- Runways 1"      Hangars 4"      Terminal lot 4"

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## Runway Closures & NOTAM's

- Equipment / aircraft separation
- Unsafe field conditions
- Runway egress & ramp parking
- NOTAM's may need to be extended

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# SEQUENCE OF OPERATIONS



1. Public roads, primary parking, business access, Careflight
2. Terminal Front yard & businesses (Hgr 1 & Tower)



# SEQUENCE OF OPERATIONS, continued



3. Runway access ingress/egress, full wing tip clearances
4. Runways, taxiways, ramp, fuel







## NOTAMS CANCELED, AIRPORT OPEN FOR BUSINESS

Affect upon manpower when airfield open

- Dispatch/UNICOM operator & sales
- Parking, fueling, and additional ramp services

# SEQUENCE OF OPERATIONS, continued



5. Hangar rows ([snowday@truckeetahoeairport.com](mailto:snowday@truckeetahoeairport.com))
6. Secondary taxiways, fire hydrants, transformers, ramping





# PILOTS, PLEASE...



- Plan in advance
- Minimize calls to Dispatch
- Have reasonable expectations
- Follow NOTAMS



# TTAD Runway cam

The screenshot displays the website for the Truckee Tahoe Airport Runway Cam. At the top left is the airport logo and name. The top navigation bar includes a weather widget showing 34°F, quick links, webcam, board info, contact, report noise, and social media icons. A secondary menu lists Home, Aviation Information, Airport Guide, Administration, Giving Back, Environment, and News. The main content area features the title 'TRUCKEE TAHOE AIRPORT RUNWAY CAM' and a subtitle 'NOISE ABATEMENT PROCEDURES IN EFFECT'. A video player shows a live feed of the runway with a timestamp of 2021-10-28 11:43:13 and a duration of 31:37 / 15:00. The video shows a wide, paved runway with yellow markings, a tall light pole in the foreground, and a hangar in the distance under a cloudy sky. A control bar at the top right of the video player shows a volume icon, a 00:00 timer, and a 'via LiveATC' label.

Up-to-minute status of weather and field conditions



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# HANGARS

What does it take to clear a hangar row?



- Multiple pieces of equipment
- Wind row between hangars along trench drain
- Each hangar row may require several machine hours to clear



# TENANTS, PLEASE...



- Drive safe, watch for equipment around blind corners
- Keep hangar rows clear of parked vehicles
- Never close hangar door on top of snow

## TTAD asphalt surfaces:

**Airside** 4,403,681 SQFT = 101.0 acres

**Landside** 156,849 SQFT = 3.6 acres

**total = 104.6 acres**



**Final clean up can take up to 5-7 days post storm event**



# PART II

## AVCOM ROLE IN DAILY WINTER OPERATIONS



- We work with the tower daily - on Safety, Operational, & Community initiatives
- We are responsible for Flight Safety
- We are responsible for all essential, emergency and routine communications
- We measure operations, enforce curfews and develop data

# CHALLENGES WITH COMMUNICATION

- We are out & about on the airfield
- There is redundancy, can help or confuse the issues
- A NOTAM is the ruling information and are updated regularly. Visit: <https://pilotweb.nas.faa.gov/PilotWeb>
- [TruckeeTahoeAirport.com/Aviation Information/Snow Day](http://TruckeeTahoeAirport.com/Aviation Information/Snow Day) - is a resource to check on the status of snow clearing efforts on the airfield



# MEETING YOUR NEEDS!

- Email us at: [snowday@truckeetahoeairport.com](mailto:snowday@truckeetahoeairport.com)
- Tell us your needs, desired departure or arrival time
- Check on current airport conditions using the website at: [TruckeeTahoeAirport.com](http://TruckeeTahoeAirport.com)  
Visit the 360 degree webcam and/or  
Aviation Information/Snow Day
- Call Mark Covey, Pilot & Passenger Outreach manager for information.

# 24 hr Compressed Extreme Weather Video November 27, 2019 00:01am – 11:59pm







Thank you for attending our Winter Operations meeting, we appreciate your time.

We hope you are leaving with a better understanding of the Airport District's overall winter operations plan, and that all your questions and concerns have been answered.

Have a safe and enjoyable winter.



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More Than A Runway