



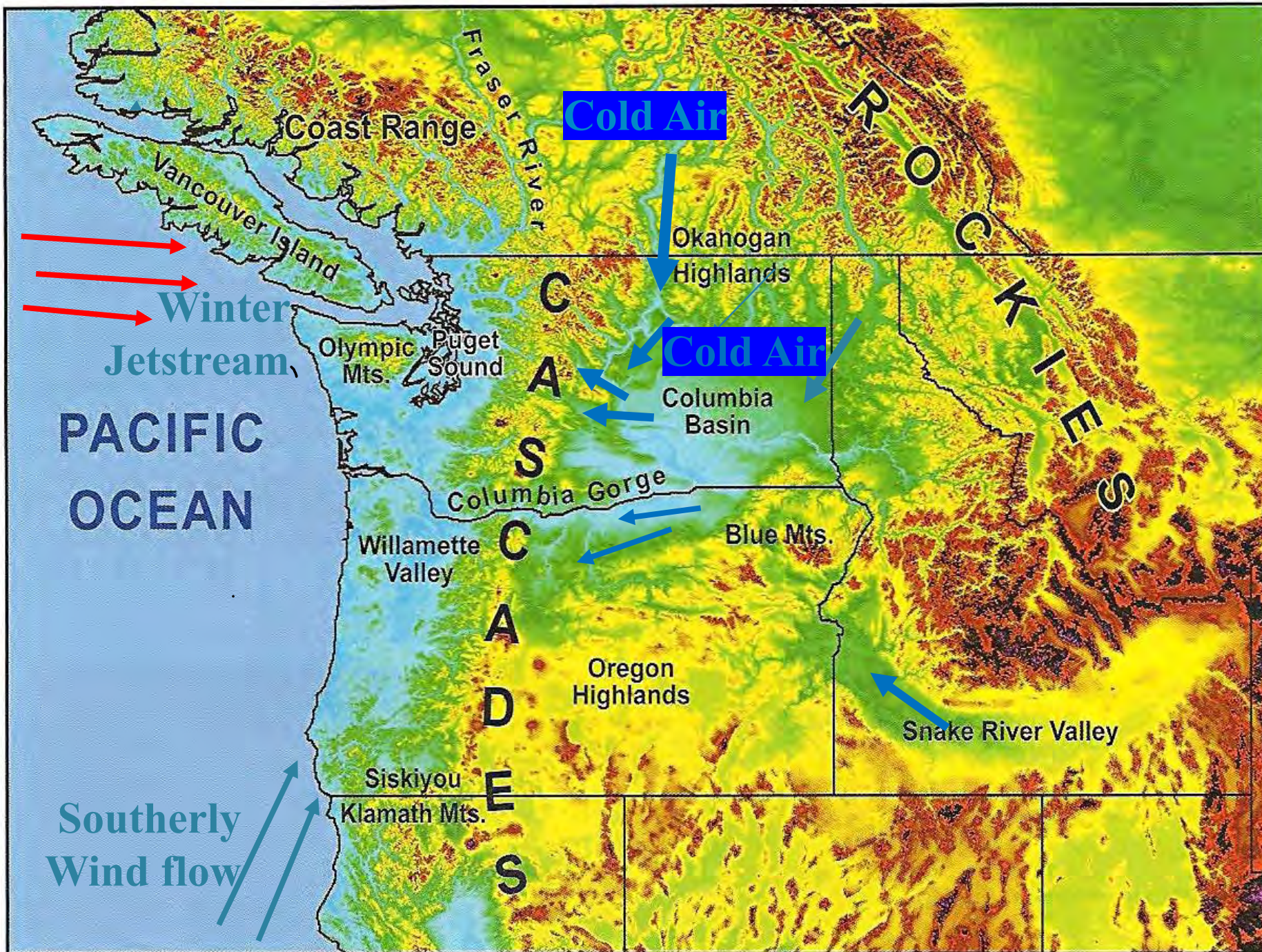
Weather Challenges In Ropeway Operations & Maintenance

Tom Scully

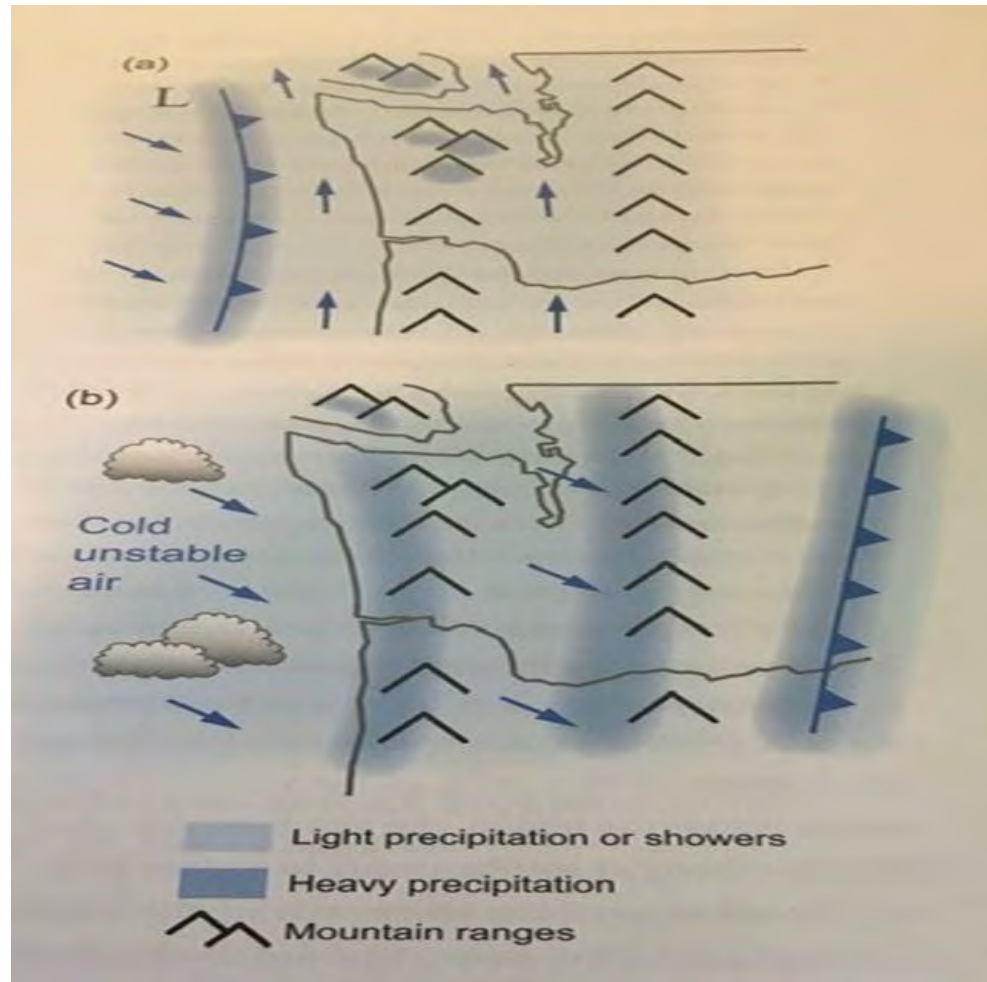


Weather Conditions of the Pacific Northwest

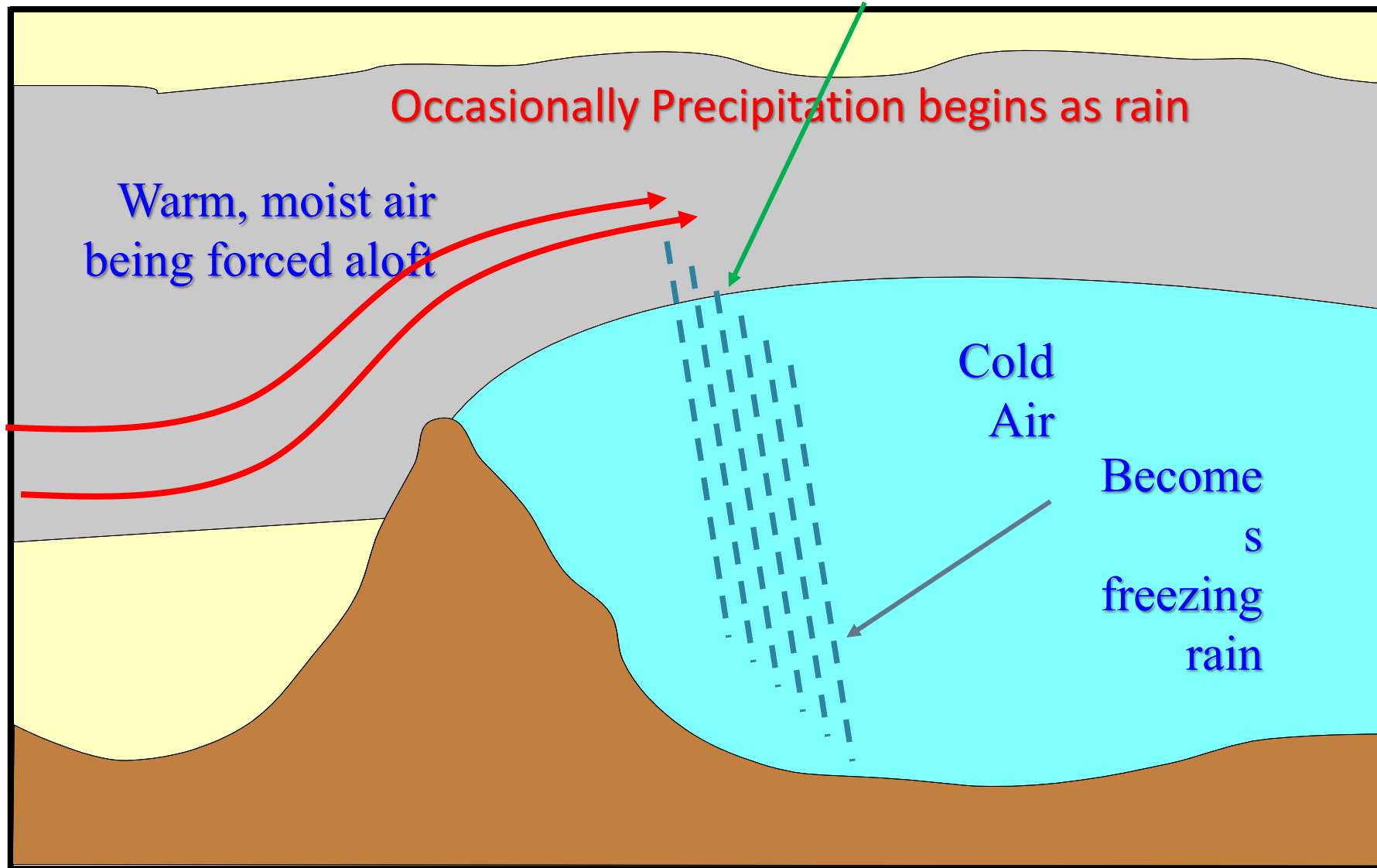








ICING



Deep Snow and Access Issues



Deep Snow & Access Issues





Timorline





Snow Creep Mitigation Methods

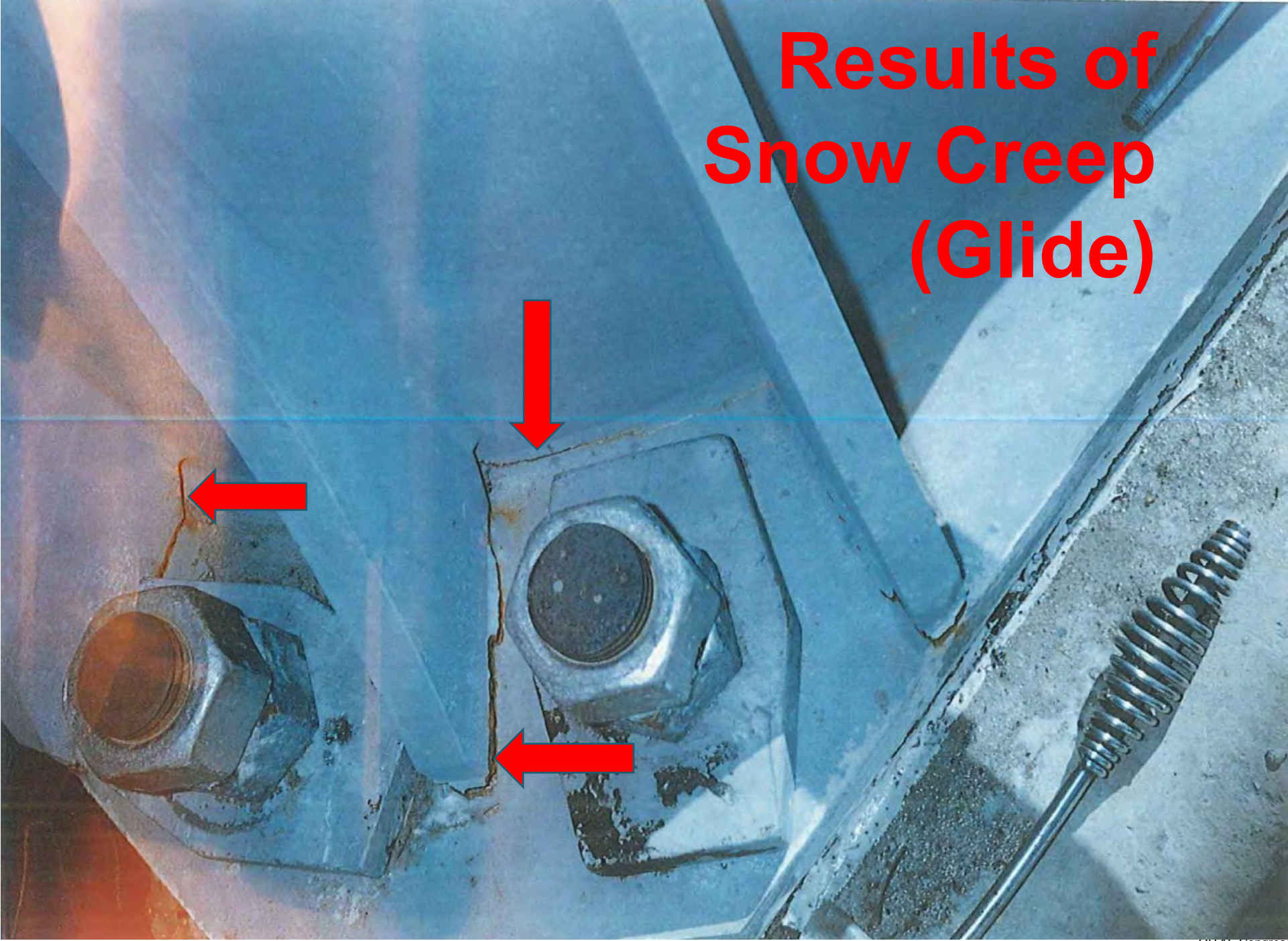
Tower ~ 72'

Snow ~ 30-40'





Results of Snow Creep (Glide)







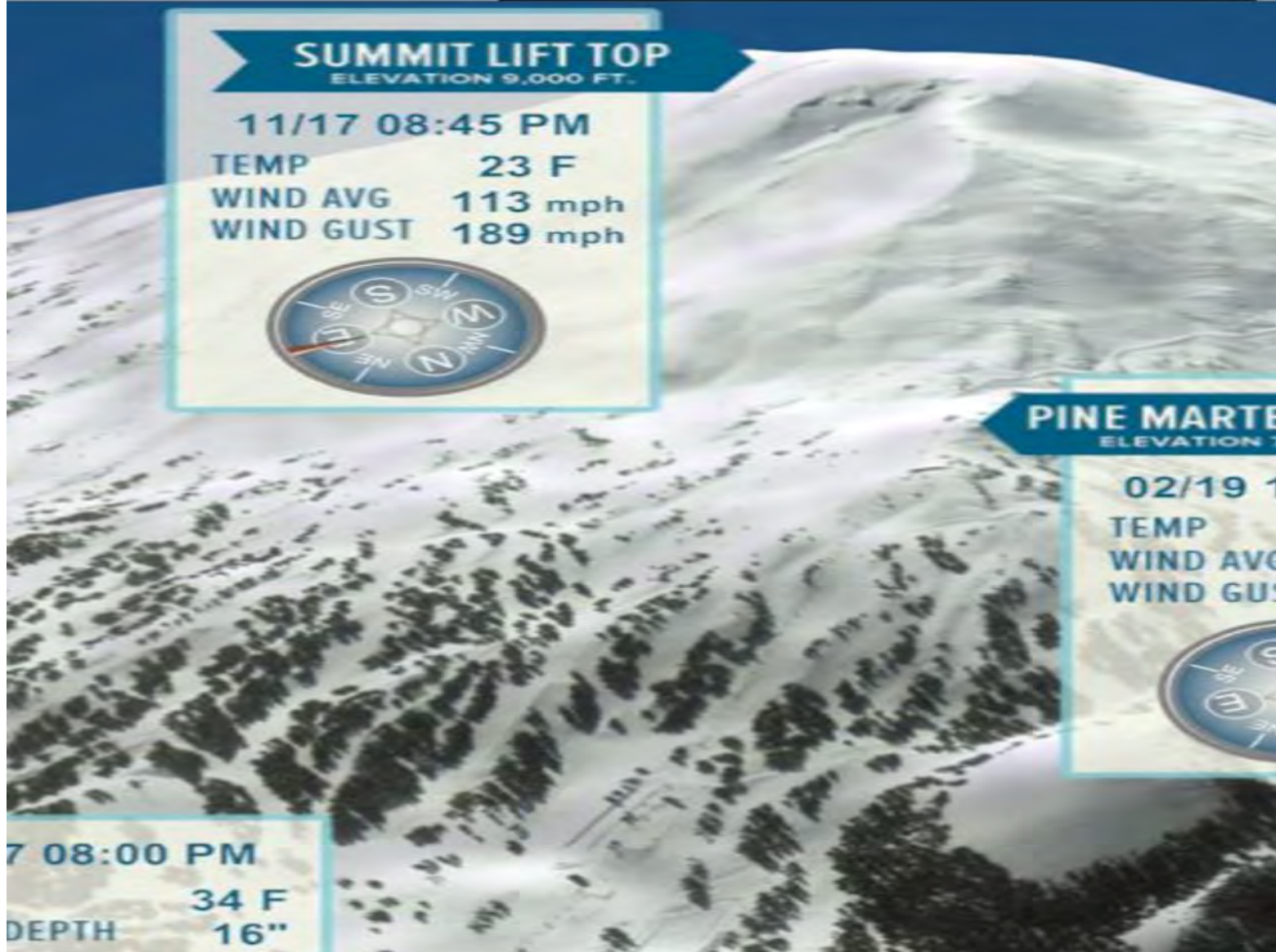
Hazard Trees





WIND


NOAA Weather Forecast



SUMMIT LIFT TOP
ELEVATION 9,000 FT.

11/17 08:45 PM


TEMP	23 F
WIND AVG	113 mph
WIND GUST	189 mph



PINE MARTEN
ELEVATION 7,000 FT.

02/19 1

TEMP	
WIND AVG	
WIND GUS	



7 08:00 PM

	34 F
DEPTH	16"

Christmas Holiday 2013







Methods of Delcng

Climb & Clean





What gets the ice off?



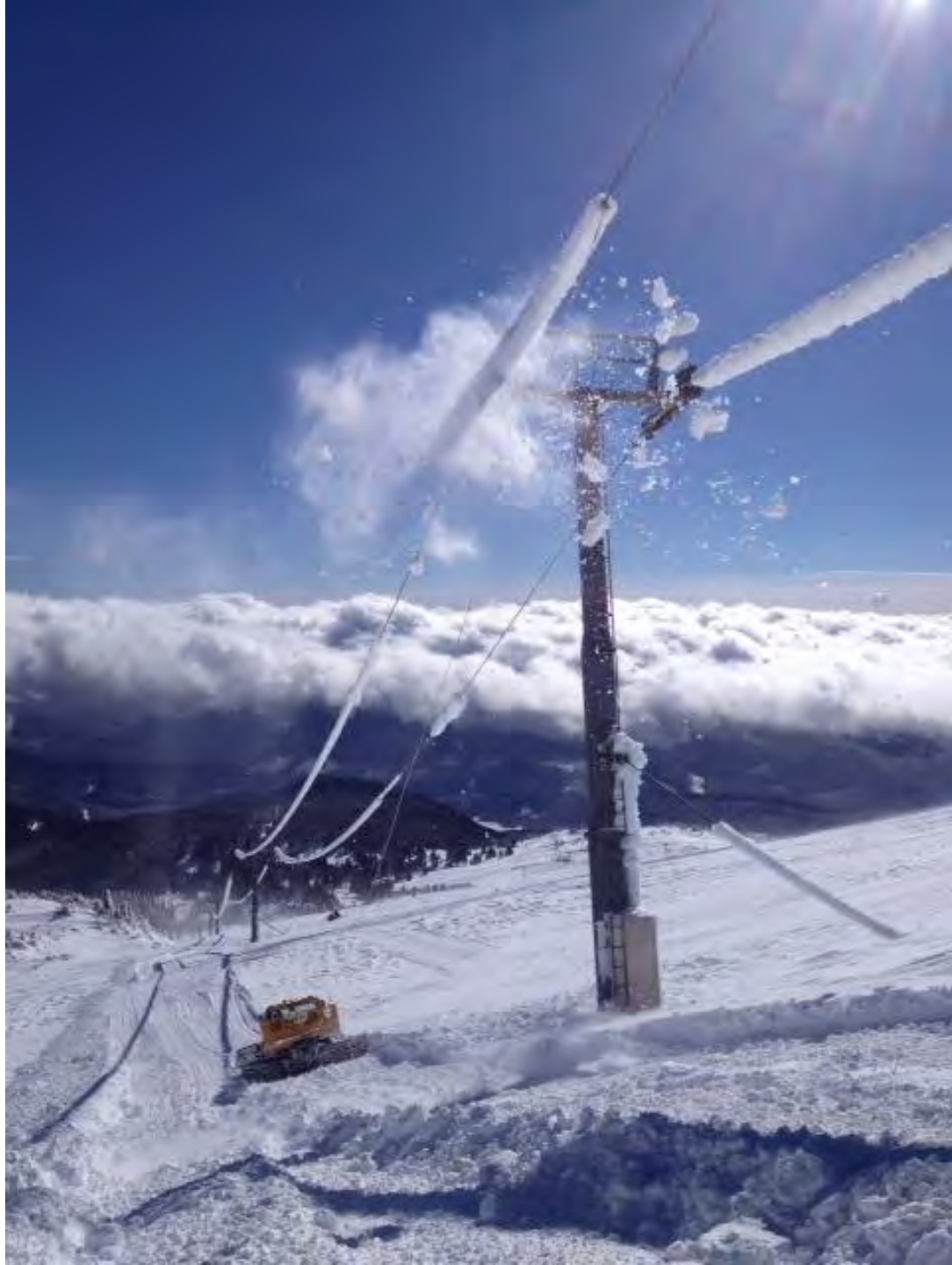
Derailments





Manual Haul Rope Cleaning





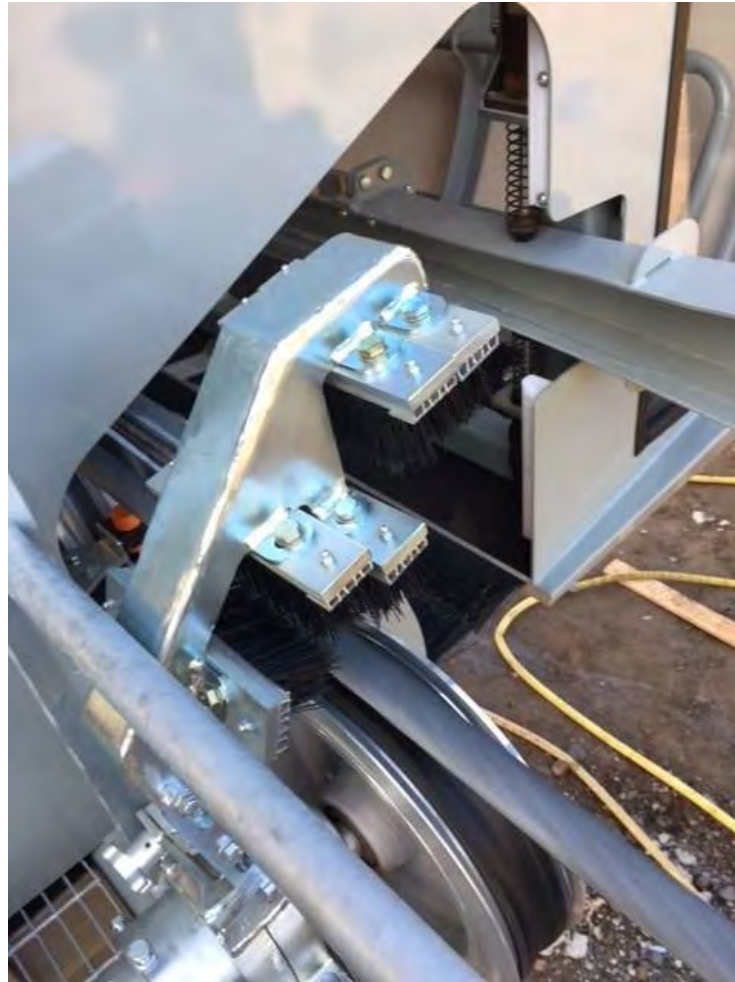




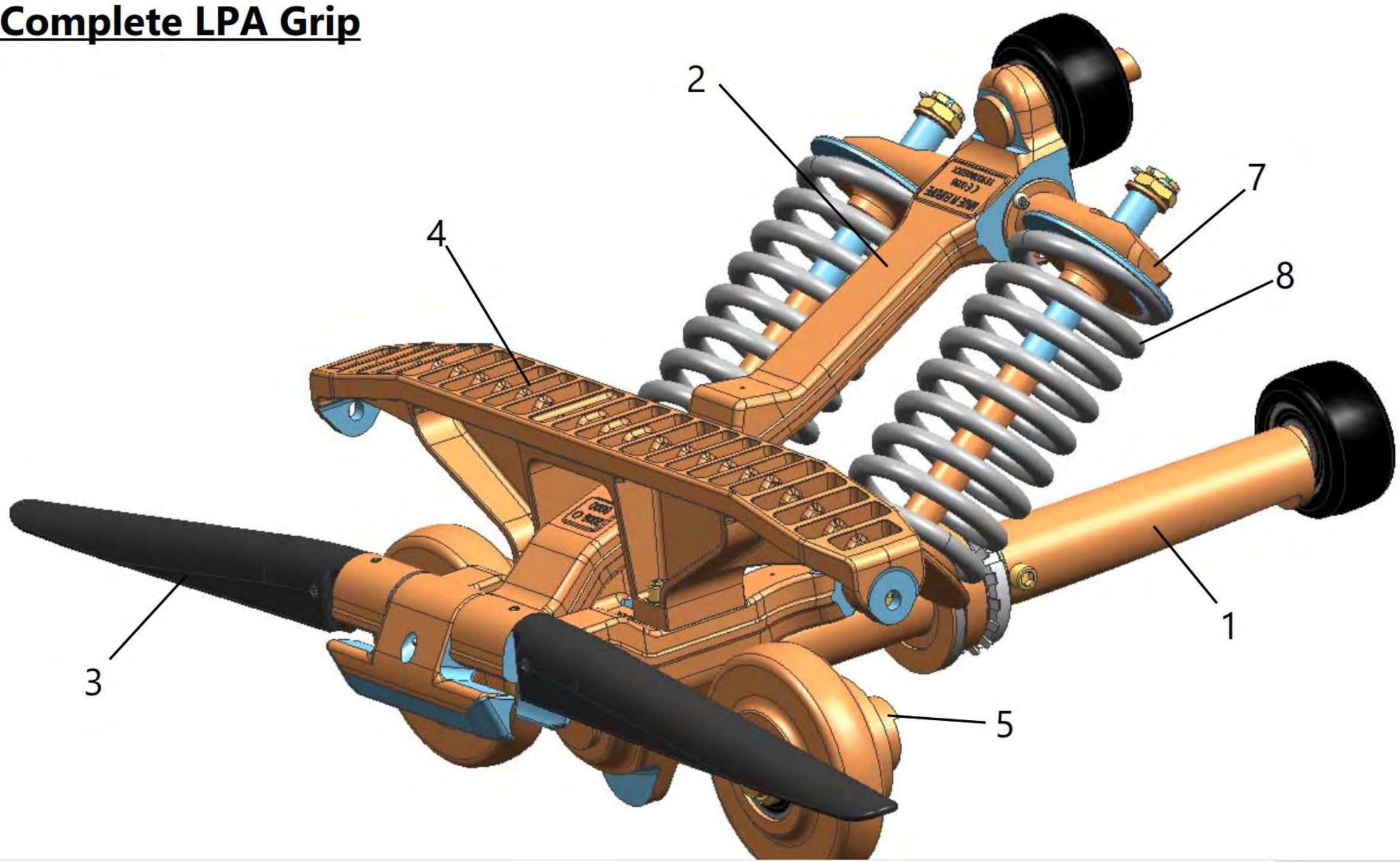
Advancements From Challenges



Standard Equipment Now-Grip Cleaning Brush



Complete LPA Grip





Chair Parking/Night Drive





**Mt. St.
Helens**

**Mt.
Rainier**

**Mt.
Adams**

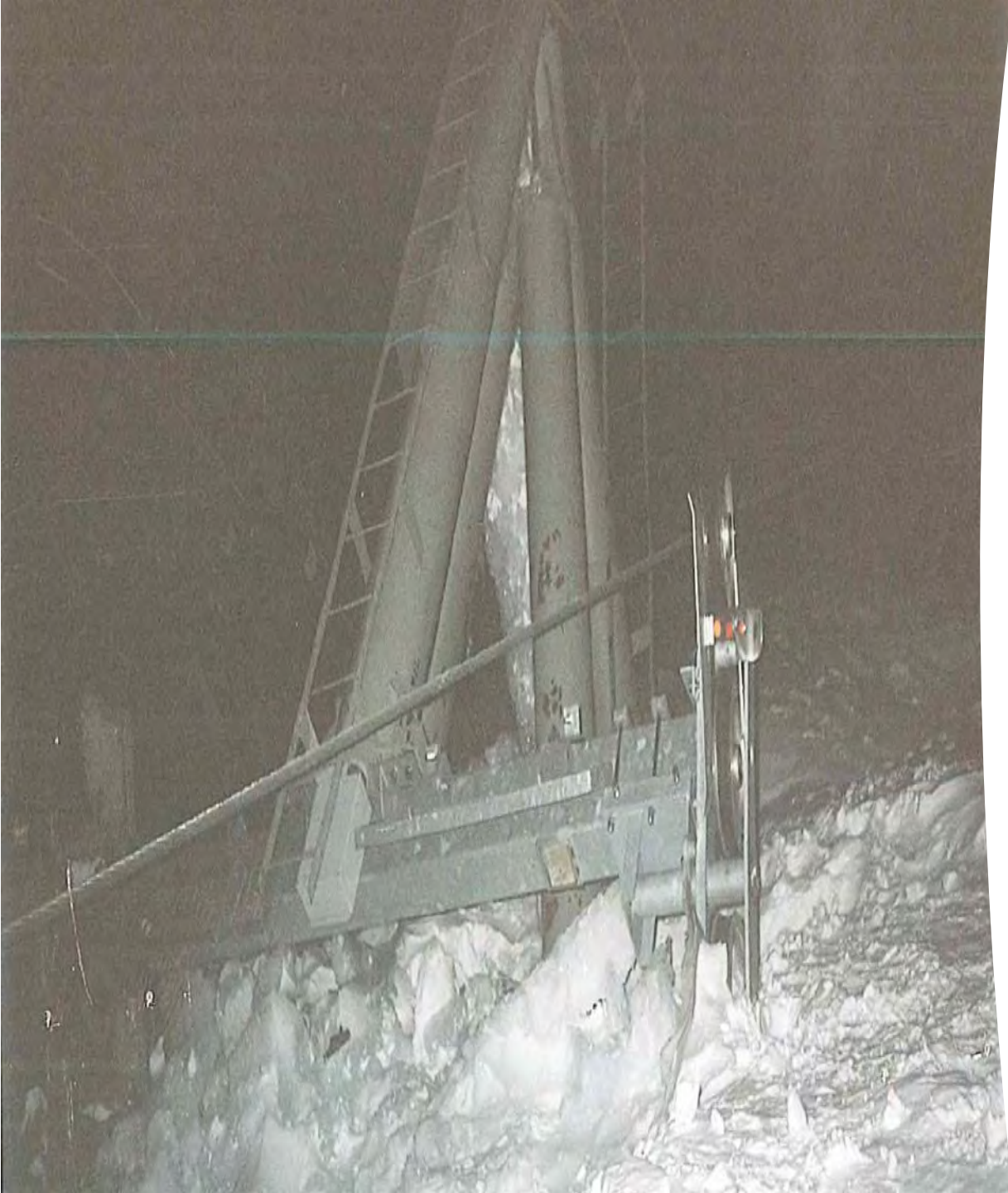
**Mt.
Hood
11,245'**

Timberline

**Mt. Hood
Meadows**







**Ice + High Winds
= Failure**













Adaptation





**Thank you for
your Attention!**