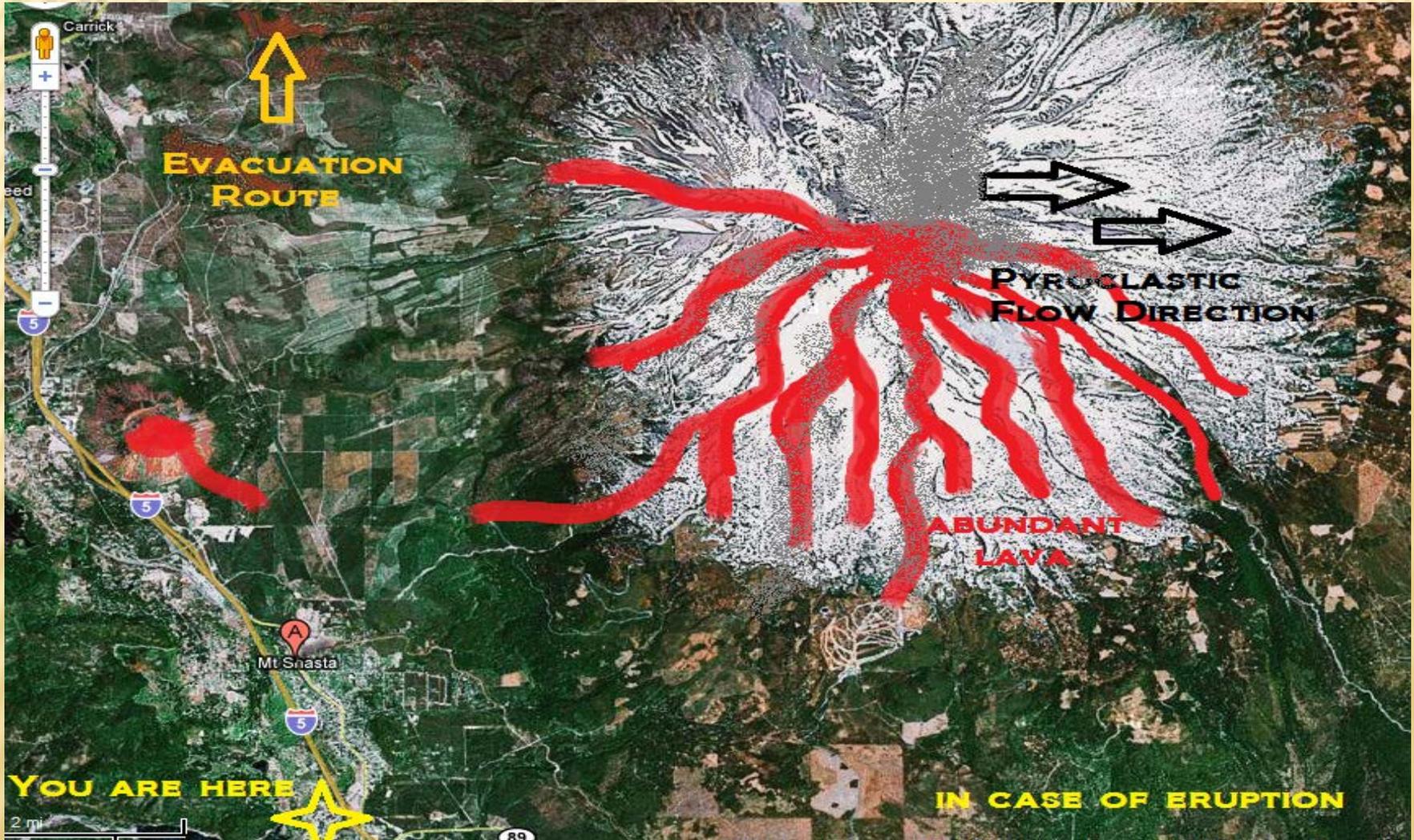


WELCOME TO THE 59TH ANNUAL MEETING OF THE CALIFORNIA COOPERATIVE SNOW SURVEYS PROGRAM



November 6-8, 2013
Mt. Shasta City, CA

LOGISTICS / SAFETY



In general, go the opposite way of the pyroclastic flow....in an orderly manner.

AGENDA

Thursday Morning:

Hydrology and Climate Updates

- A Recession Can Be A Good Thing – Steve Nemeth
- Climate Program Updates and Outlook – Mike Anderson
- Mt. Shasta Weather and Climate Through the Years –
Frank Christina
- CA/Nevada River Forecast Center Updates – Alan Haynes
- Break: Poster Session and Equipment Demonstrations

Agency Activities and Cooperator Reports

- Water 360 Initiative – Art Hinojosa, DWR
- Cooperator Reports – CCSS Cooperating Agencies

AGENDA

Thursday Afternoon:

Advances in Hydrologic Modeling and Monitoring

- Activities of the Shasta-Trinity National Forest
- PRMS Update – John King and Kate Koczot
- ASO Update – Frank Gehrke and Bruce McGurk

Break: Poster Session and Equipment Demonstration

- USACE Soil Moisture Sensors – Pete Arpin
- Cloud Seeding Activities in the S. Sierra – Rick Stone
- Snow Surveying Procedure Update – Randall Osterhuber
- GROUP TOPIC: Wilderness Permits

ANNUAL BANQUET: 6:30pm at Elks Lodge

STREET VIEW OF ELKS LODGE



PARKING LOT

**ELKS LODGE
2ND FLOOR NEXT TO
ACE HARDWARE**



AGENDA

Friday Morning:

Field and Safety Session

- 2012-2013 Recap of WY2012 Operations - Cooperators
- 2012-2013 DWR Maintenance and Installation Review –
DWR Staff
- Snow Surveys Topics/Safety Review – Dave Rizzardo
- Adjourn

DWR STAFF INTRODUCTIONS

❑ Snow Surveys Staff

- Frank Gehrke^{*+}, Chief (Program)
- Dave Rizzardo, Chief (Section)
- Steve Nemeth
- John King^{*}
- Andy Reising⁺
- Sean deGuzman
- Richard Mora⁺

▪ Coordinated Reservoir Operations Section

- Boone Lek, Chief
- Rick Louie^{*+}
- Sam DeSarno⁺
- Adeel Ahmad⁺

Hydrology & Flood Operations Office

- Art Hinojosa, Chief

Hydrology Branch

- Jon Ericson, Chief

State Climatologist

- Mike Anderson

* = Surveyors

+ = Field/Course Maintenance

SNOW SURVEYS/HYDROLOGY BRANCH ACCOMPLISHMENTS

- Updated Snow Course Averages
- Established Standard Field Safety Courses
- Updated Snow Course measurement procedures
- Created digital archive of historic CCSS Documents
- Participated in Feather/Yuba and SJ F-CO Exercises
- Trinity River Surveys
- PRMS – Feather/Yuba/Merced/Kings...and more
- USFS/NPS Wilderness Permit Updates and Requests
- Rim Fire Response
- Dry Year Forecast Support / Media Requests



SPECIAL USE PERMIT AMENDMENT NO. 2 ON Dec 6, 1966

THE SPECIAL USE PERMIT ISSUED TO CALIFORNIA DEPARTMENT OF WATER RESOURCES ON August 22, 1966 BY Kenton P. Clark, Acting Forest Supervisor IS HEREBY AMENDED AS FOLLOWS:

To install and operate telemetry equipment at "Alpha" Snow Course site. Equipment will consist of:

- 1 - Motorola Lookout 3 V Sca. Model No. K116 B and 9 DB Vagi antenna - 25' high. Technical Data Form 1700-10 in order and attached to application.

The following conditions shall apply to this amendment:

1. Radio transmitting equipment to be operated in conformity with applicable FCC regulations.
2. Data collected will be made available to the U. S. Forest Service.

IT IS UNDERSTOOD THAT THIS AMENDMENT SHALL NOT OPERATE TO ALTER NOR AMEND SAID PERMIT IN ANY OTHER RESPECT THAN IS HEREIN SPECIFIED AND SHALL NOT IN ANY WAY CONSTITUTE A WAIVER OF ANY PART, PROVISION, OR CONDITION OF SAID PERMIT, AND EVERY SUCH PART, PROVISION, OR CONDITION OF SAID PERMIT SHALL APPLY EQUALLY TO THIS AMENDMENT.

DATE Dec 6, 1966 BY Kenton P. Clark
TITLE Acting Forest Supervisor

THIS AMENDMENT TO THE SPECIAL USE PERMIT ISSUED August 22, 1966 IS ACCEPTED SUBJECT TO THE CONDITIONS SET FORTH ABOVE.

CALIFORNIA DEPARTMENT OF WATER RESOURCES
DATE Dec 1, 1966 BY Ray Kaden
TITLE SERVICE AND SUPPLY OFFICER

MORE TO COME...

FERIX/CDEC Projects in Development

- Daily FNF and Q-Hist Tools
- B120 Java Tool
- Updated B120 Publication Method
- Searchable B120 database
- “Automated” 8 – and 5 – Station Index
- Daily Hydrologic Conditions Page
- Tulare Lake Region Precipitation Index
- PRMS Regional Model

NOW TO OUR FIRST SPEAKER....

LUNCH TIME TRIVIA – NAME THAT CREEK

- This creek flows through Modesto and can be a major flood concern for the Tuolumne River.
- This creek lies between Friant Dam and Pine Flat Dam, flows near Fresno, and has an upstream diversion dam.
- This creek enters the Merced River below McSwain and has a CNRFC guidance point at Snelling.
- This creek has had historic floods in the cities of Roseville (Placer Co.) and Rio Linda (Sacramento Co.)
- This Sonoma County creek has a well known wine and vineyard named for it.
- Name this creek -



IGNORE THIS SLIDE...YOU KNOW YOU WANT TO

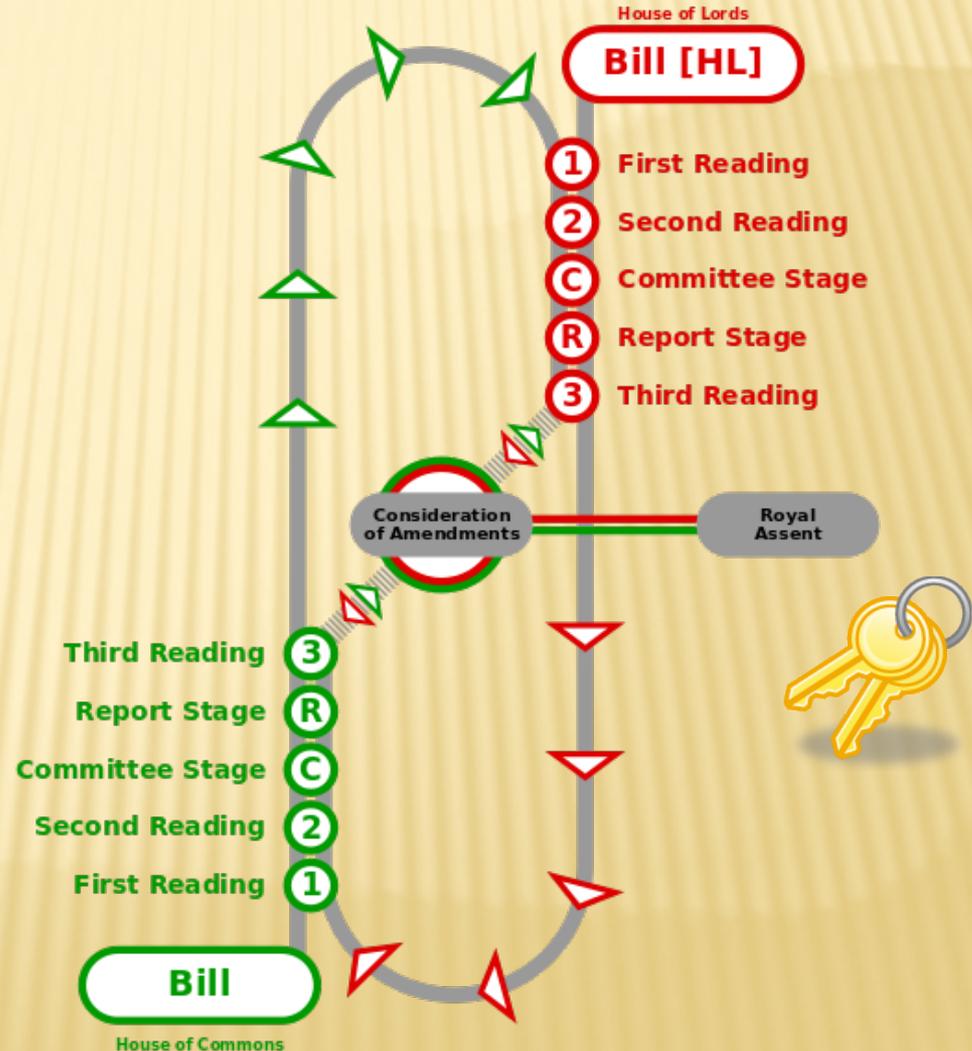
- ✘ Next are Wilderness permit discussion slides for Thursday AM

GAINING WILDERNESS PERMITS

- ✘ Open Discussion – Experiences Good or bad
- ✘ Input on how to improve the situation
- ✘ Action Items for CCSS Partners

GAINING WILDERNESS PERMITS

How to get a
wilderness
permit:
British version



ACTION ITEMS – WHAT CAN WE DO AS A COOPERATIVE EFFORT?

- × Add action items here: