

Greetings!

Cloud seeding activities commence on November 1, 2008 for both Lake Almanor and Mokelumne watersheds. These programs are two of a large number of programs that PG&E will commence cloud seeding operations on the Pit- McCloud Watershed this year also. Details on that program and seeding instructions will be provided soon. The key technical contacts remain the same:

Phil Benning (PMB1) is the contact for the Mokelumne Cloud Seeding Program.
Robert (Bob) Hammill (RMHd) and Steve Tissot (SDT3) are the contacts for the Lake Almanor Program.

Please ensure that you send them an e-mail any time you initiate a seed. This keeps them "in the loop".

There are no changes in the Lake Almanor Program this year; however, there are some significant changes in the Mokelumne Program this year:

We added two new seeder locations - Tamarack and Osborne Ridge. We now have a total of seven seeder locations for the upcoming season. The seven sites are identified as follows: RTU #51-Tamarack , RTU #52-Hermit Springs , RTU #53-Big Meadow , RTU #54-Black Springs , RTU #55-Salt Springs. Due to the change in location of the seeder sites relative to the Salt Springs Watershed, the seeding sectors are modified this year. South of the watershed.

The project binders are assembled and are now in the Weather Office. With every seeding order, please enter the appropriate data into the Cloud Seeding Worksheet.

Please note in the Lake Almanor Operating Instructions that - similar to the change we made last year - at least one rawinsonde observation is required for each seeding event.

The meteorological data for the Mt. Reba Tower (Mokelumne) can be viewed via the forecaster console using the Campbell Scientific PC208W software.

There is a "Cloud Seeding Worksheet" on the PG&E Weather Office Web Page. The cloud seeding worksheet provides the links you need to gather the necessary data.

Please use the seeding decision matrix and your judgment to order the burners on via the Tiger Creek Powerhouse or Caribou Powerhouse operations.

When you issue an order for cloud seeding to either Caribou (Lake Almanor) or Tiger Creek (Mokelumne), please follow each order with an e-mail to the Weather Office.

For each seeding event, it is important to assemble data that supports your decision and shows observed weather conditions. We do file a report on each seeding event.

As a minimum, please obtain and save the following for each seeding event:

- 1) The upper air soundings (text format) for those time periods used to make the seeding decision and concurrent with the seeding operation.
- 2) Visual and IR satellite pictures at time periods during or as close to the time of the event.
- 3) Tabular rainfall summaries for Northern and Central California.
- 4) The large-scale 24-hour total precipitation summary maps for Northern California.

We would also encourage you to save any other information you think is appropriate.

If you have questions, please refer them to Byron or I.

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