

TAYLOR  
BOOK

May 1, 2008  
to May 4, 2010





Thursday, May 1 2008

A nicer day today and Walt was able to make it in with the mail... plus a second trip with bldg. supplies (insulation) and 2 propane. John, Rich, Keith finished the roof work on the Lewis Cabin today. I photographed and sent out a p. report w/pictures to all involved in Moscow. The McCall Islander flew in with <sup>Ryan</sup> Ryan (FS) and some bridge repair supplies. I helped Ryan carry boards to the Cliff cr. bridge as his helpers (Aaron's) were working the trail down from Cabin cr. A-J continued her computer tasks, Tyker worked on waterline repair (w/Jawan) and he put the storage box in place behind the shop. Holly worked on her cougar talk for SoV. next week and she continued corresp. w/Tim Boss & Nancy M. on the Wilderness Wkshop. I did a pile of mails and interacted with all folks here.

Friday, May 2

Visited with John B. on the next construction phase, and we drafted up the elements for Job #3 for him to "price" and submit. Annie-June worked on the web pages update and Research booklet. I hired Tyker out on several more jobs. Ray flew in at noon and flew out the carpenter crew. Holly worked on TR emails by day and her cougar population paper into the night. A lot of mail activity by Just Pope updating/adding to the website. I pulled together ML Workshop stuff to take out. Moved down here, Tyker did duplex/Airflows

Saturday, May 3

Holly spent all day on the presentation prep. and getting ready to go out. Tyker and I went down to the remote camera and reactivated it. Tyker and I started up main pasture sprinklers. I hauled manure and filled the 2 garden sites. 2 backpackers - Mike & Lynn stopped by to visit enroute from Thomas to Cabin cr. A-J and Tyker caught up the stock, fly treated and put in corral. Jawan had a big day @ the Pioneer den - caught 6 snakes. The FS trail crew watched Jawan process snakes. A-J helped Holly - many hrs. with cougar toothage data. Watched the old Nat. Geo. video this eve.

Sunday, May 4

(Entry by Tyler) I hayed the stock early this morning before Ray flew in to pick up Jim & Holly. Went over some last minute things with Jim & Holly before the plane arrived around 8:30 AM and they flew out. The weather was clear and warm today and Javen caught a number of snakes. Amie-June continued work on updating the website. We let the stock out onto the Benches mid morning (they were well behaved & cooperative). I spent most the morning burning the pile of scraps behind the Dave Lewis cabin from the renovation work, and the afternoon working on the irrigation in the main pasture (slower work than I'd hoped). In the evening after work I helped Javin with the surgeries on some of his snakes.

Monday, May 5

The weather continues to be clear & warm, with a few thunder-heads this afternoon. Amie-June spent much of the day & evening helping Javin with snake surgeries so he can do as many as possible while the weather holds. Pioneer Cr. was up a little today and the hydro power was at ~28 for most of the day. I spent most of the day getting the sprinklers on the air strip up & running. I noticed the "electric" fencing on the S side of the air strip has been fixed (probably Brad's work). Amie-June also continued to work on editing & adding to the web site. Javen released a few snakes that had recovered from surgery already. I talked with Jim on Skype in the evening to touch base.

Tuesday, May 6

This morning we found that a combination of high flows & lots of debris & periphyton had clogged up & sunk the screw trap. Brad, Javin, & I pulled it to the N side of Big Cr. Walt arrived this morning from his hike from Pistol Cr. & he and Brad flew out in the afternoon. Ray brought a passenger along (Will, the new pastor in Cascade), who I gave a short tour before everyone flew out. I spent the afternoon building a protective check-dam for some of the plumbing outside the hydro-shed & started cleaning W side of corral shed. AJ worked on the web site & helped Javin with more snake surgeries.

Wednesday, May 7

A little colder with some rain today. Ray flew in and dropped off the carpenters (John, Richard, & Keith) who are working on the Dave Lewis cabin. Amie-June helped Javin with 4 snake surgeries, then she started organizing the plant collections. I swapped the memory card on the remote camera down Big Cr. (the rain ~~prevented me~~ from washed away any tracks that were there, but one picture of a ~~spotted~~ coyote. I spent the afternoon working to fix low water pressure in the Taylor, Lab, & Hornocker cabins. The power went off at 7 and again at 10 this evening & I ran the generator for 30-60 minutes each time.

Thursday, May 8

Clear & warm again today. Amie-June worked on taking ~~inventory~~ inventory of the DeVlieg cabin. Javen dropped off more of his processed snakes. At Jim's suggestion I shut off the main water to the hydro, cabins, & sprinkler system to remedy the water pressure problem (air in the line?). I ran the generator while the water was off & cleared the sand out of the upper water box. I finished cleaning the west side of the corral shed in the afternoon. Walt flew in two loads of lumber in the morning. Ray tried to fly a third load <sup>+ Jim & Holly</sup> in in the evening (~6:30) but was having trouble with his flaps & a strong tail wind from the west. He aborted after making two passes & headed back to Cascade.

Friday, May 9

Took care of some in-town business while we waited for the weather to lift. Finally, late morning, we were able to fly in to T.R., had a 1/2 load of rough cut boards too. Visited w/ John, Keith, Richard on details of the Lewis Cabin project. Went over water system - high water issues with Tyler and A-J. Amie-June went over web and projects - took updates with Holly. Tyler and I moved 3 loads of boards - airstrip up to the old cabin. Got caught up on work emails - had 80 something to look at. Marmot babies have shown up @ corral... darn! We shot bows this evening. Today is Amie-June's B-day. Tyler made a cake and we all enjoyed! Our Sun Vally trip went well, particularly honoring Maurice Hornocker for his life accomplishments... plus we had an "Idaho

"Conservation Award" to present to Wilbur Wicks, which we gave to Maurice, until Wilbur comes north. Holly's talk and my involvement organizing the 9<sup>th</sup> Altn. Lion Workshop all went well... saw many old friends too!

Saturday, May 10

Holly's cold was worse today. I went for walk to Rush Cr. until George D. Flaw in with the Islander and another load of wood/supplies. Tyker and I made 4 trips with the b.h. and sled. Visited more with the carpenter crew on the cabin project... which is looking very nice! Holly continued getting ready for the Post Falls meeting, and she worked with A.J. on the project displays & poster edits. H. and I worked with the carpenters on the bathroom, lighting, and electric layout, and other details. Visited Javan on snake anesthesia issues/suggestions.

Sunday, May 11

Kind of a slow day today. Jim & Holly flew out early this morning. Holly's cold has improved and she is in good spirits. Ray showed up around 7:45 this morning to pick them up & fly them out. He brought in a load of flooring boards on the incoming flight. I took part of the day off, but still did the daily tasks & also emptied  $\frac{1}{2}$  & then refilled the reserve water tank behind the Taylor cabin. Amie-June worked on "general office tasks". Javen found a rubber boa snake on his daily excursions. Amie-June, John, & Kieth all made calls home to wish respective family members a happy mother's day. We had a ~~heavy~~ heavy rain for an hour in the late evening.

Monday, May 12

Cold & wet this morning with snow on everything higher than the second bench. I spent much of the morning clearing a debris jam in Pioneer Cr. that was close enough to the western water box to cause problems if not dealt with. I also cleaned out the fuel shed & sanded down the "Taylor Ranch" sign. It was cold enough to stain the carpenters (John, Richard, & Kieth)



applied inside the Dave Lewis cabin was drying too slowly. I couldn't locate a propane heater for them, so I moved the "fire box"/stove from the shop into the Dave Lewis cabin (which solved the problem). Amie-June continued to work on the cabin inventory. Javan performed another snake surgery, but the snake is not recovering well so far. Amie-June & I shot hogs with the carpenters in the main pasture this evening. The stock came down to the lower pasture soon after, so we cut it short & gathered them up into the corral for the night (all went smoothly). Amie-June groomed them while I hayed & we called it a night.

Tuesday, May 13

The carpenters have finished staining the logs in the Dave Lewis cabin & are now chinking. It's going to take about 3x more chinking than they thought (an expense John says he'll have to cover). Javan's snake died last night. He's not going to perform any more surgeries until he gets new anesthetic to use (which he's already ordered). Amie-June helped Javan clean out the refrigerator in the DeVlieg cabin & she finished the cabin's inventory. She also did some more office work transcribing spread sheets & staying on top of communications. We hayed the stock, fly sprayed them, & set them loose onto the benches. I changed the memory card on the remote camera downstream (two wolf pictures this time), & I took the bark off the marmot carcasses. I moved the wood piles (of scrap wood) behind the DeVlieg cabin, put a coat of linseed oil on the "Taylor Ranch" sign, and helped Kieth work on the broken shower in the DeVlieg cabin. Kieth says the shower fixture needs a new cartridge & he will pick one up while he's out.

Wednesday, May 14

It was cloudy with intermittent drizzle for much of the day, which delayed the mail plane until around 6PM. But Walt did make it in with mail & groceries, and he flew John, Richard, & Kieth out for some time off. They spent most the day waiting around, but also cleaned up around the Dave Lewis Cabin. Javan cleaned the DeVlieg cabin & is moved into the lab (to make room for the upcoming groups). I finished cleaning

up behind the DeVlieg cabin & burned the detritus & scrap wood that created. Javan helped me coil up the rope hanging from the cabin roof (I was glad to have someone to hold the ladder for me). I also finished cleaning up the wood pile at the Arlo cabin & cleared off the sod chunks created from clearing the irrigation in the main pasture. Amie-June took the morning off (her first one so far) & did a number of office tasks in the afternoon.

Thursday, May 15

Clear & warm today, almost hot. Ray flew in early afternoon & dropped off Eric Carlson & Neil. We didn't have the wall tents up yet (& Jim would like us to wait until he gets back), so they have their stuff in the lab for tonight. Amie-June & I took the painting & other supplies out of the Arlo's basement & put it under the deck, which gave us room to finally get the last of our things off the deck & inside. Amie-June also worked on emails & gathered up the garbage from all the cabins. She also cleaned up the Hornocker cabin & prepped it for people to stay in. I carted the rest of the tin roof scraps from the Dave Lewis cabin down to the air strips for fly out tomorrow, put up the blinds in the office, moved the old hand-powered washing machines behind the shop, and tried to find the wall tents to set up for Neil & Eric (no luck). The stock came back down in the evening & Amie-June & I put them in the corral & hayed them. Pioneer Cr. was quite high in the afternoon & evening. Attempted to make it back by 7pm... but had too many errands to do.

Friday, May 16

After the Post Falls meeting we drove down to McCall - stayed at Schlegel house w/ Janet & Philip Connors. Got to Cascade @ 6 am and flew in to TR ahead of the Wilderness Symposium group. Had a few hours to situate prior to the Islander & 200 bringing in 9 people for the onsite field trip. The group consisted of: Dean SPT, Jim Goss, Ed Krump, Jim Garret (Lakota), Ed Galindo (Shoshone teacher), Jim Reichman, Bill McIvor, Barbara Kimball, Dave Parsons. After getting settled in we did a hike down to the Gorge

to look @ the Tukudika sites, pictographs, and streamside environment. We also visited about ways for TRFS to fit into multiple Field Stn. networks. At the meeting in Post Falls the group seemed very supportive of our existing programs @ TRFS. Others who participated were: Ann Bartuska, Deputy Chief R&D USFS. Sam Foster, Dir., Rocky Mtn Research Center, Reid Lewis - UI, Connie Meyers; Dir. Carhart Wilder Training Cent., Jack Stanford, Dir. Flathead Biological Stn., Branna Stander Dir, Environ Research Program, and Bea Van Horne USGS ecosystem coord. Brian Kennedy, Mike Scott, were also in attendance/coordinating the meeting up north. Kennedy grad. students Kara Crowell, Ellen Haman, and Chai Trandid most of the leg work in Post Falls. Back @ TRFS, Friday was a day of things falling apart. The power to the Lab failed. No hot water in Hornocker cabin, broken propane connection in Arlows (fixed), the lawn mower died, had the usual hydro issues, dam broke by hydro - near fixed (fixed). Quite a 16 hr work day!

Sat. May 17.

Holly toured the group around the facility, I had the chance to visit with SDL on the workshop outcome and how it will be applied to TRFS future direction, a good visit. Ed & Tyler... and Jim B., Holly, and I worked on restoring the electricity to the lab - fixed it too, it was a loose wire in the big wire connection panel by the INVERTER. Oh ya, 2 plans came in to take out SDL Jim Reichman, and David Parsons. The waterline from T.C. side to the duplex broke from water pressure. Jim B. and Ed K. put up the screen doors for DeVlieg made by Katy K's husband Ken. Katy & Eric C. came in on the flight for the other group. We had a few "head gathering"

sessions to discuss TRFS informatics/networking needs... with Bill Michener<sup>(Michener)</sup>. It looks/sounds promising to send Annie-June to training in New Mexico next Sept. At dinner Taron talked about his rattlesnake study. Tim Garret did a "silent protest" as his Lakota religion views these creatures (rattlesnakes) as evil... anyway, it all worked out OK.

Sunday May 18<sup>th</sup>

The airstrip is starting to flood this morning. Two planes from AA came in mid-morning to take out the planning group, plus Rick Eredag with the High School class stuff. Ray made a pretty big splash in the mud on take off! Not much time in between groups today, the high schoolers were here by 2 pm. Got them settled in and oriented. Taron talked to them about his snake study and let them watch a surgery... for telemetry. Holly visited with them about plant communities on a hike over to the sageflat. The class was pretty whipped after the hot hike down from C.C. and they talked in Pioneer Cr. as our water system has been shut down to prevent sand/gravel from plugging the line. The group had "some wires" @ the time pit.

Monday, May 19

The airstrip is out of commission this morning with Big Cr. flooding the low spot. Pioneer Cr. is spilling over the foot bridge to duplex and the upper wide bridge. We went to plan "C" with the McCall kids, put them to work hauling flooring boards from the airstrip to the Lewis Cabin yard. Then 3 stunt boys & Scott F. moved <sup>stream bed</sup> rocks that were causing the 2 bridges to flood. After stabilizing bridges the crew cleaned the DeVing Cabin and hiked back up to Cabin Cr., flying out @ 6 pm when our friends Philip and Janet flew in. PJ hauled their packs down from CC and got here at about



9pm. Fed them dinner and learned of the trail conditions... wet!

Tuesday, May 20

No water this morning. Cleared many wheelbarrow loads of sand/gravel out of the waterbox, mostly by hand since the pump kept clogging. Janet & Philip escorted Tansen to "the T" where he put out a rattlesnake and looked for new subjects too. Holly caught up on TR emails and photographed the flooding. Philip built a couple new "ya-ha" (marmot) swales and we deployed around the corral shed. After a couple hours we had one caught and put into a garbage can for transport. A-J worked on the DeVlieg operations manual, a very nice product! Tyler continued responding to infrastructure issues. A-J organized a potluck dinner in the DeVlieg tonight. Lots of new birds showing up... evening grosbeaks, <sup>razul</sup> ~~razul~~ <sup>razul</sup> Buntings, Lewis woodpeckers in the pasture, and deer all over the place!

Weds, May 21

More flooding but going down some with the cooler weather. <sup>underground</sup> Tati and Amber (<sup>Leakstool</sup> Lewis woodpecker researchers) were dropped off at Cabin Cr. and backpacked down to TR. More messing with the water system... lots of air trapped in the line. We carted the one "captured" ya-ha (marmot) down near Cougar Cr. and released it. I pulled the remote camera, turned out having one good cougar photo, taken at night. Holly worked on the cougar paper. Tyler & A-J took sometime off. Earlier today we all (Holly, Tyler, A-J, me) visited about time <sup>work</sup> management and record keeping... hard to get time off with all the water issues going on! Holly emailed all the wilderness field trip crew photos of their trip, and the recent flooding. She also corresponded with interns, answering questions.

Tues., May 22

The weather has turned quite wet. The airstrip is almost dry now, at least the puddles are gone. We (5 or 6 of us) moved debris off the airstrip... many loads of sticks, and logs/branches. Holly worked on the MLW paper. Phillip and I did more work on the water system (west side), plus helped Tyler restore the eastside waterline... which we accomplished. Phillip continued his frustrating attempt at snaring ya-ka, actually had one caught but escaped. I corresponded back and forth with John B., trying to get those guys back in, probably have a usable airstrip tomorrow.

Friday, May 23

The carpenters were flown in today... after Cal stopped in with 3 bags of cubes, his light plane was a good test of the muddy spot @ base of hill. I visited with John, Richard and Keith on the next round of tasks on the Lewis Cabin. Holly worked on her conger paper. We still are having water system issues... sand in the box, air in the line. Phillip and I examined the snare sets for marmots... made final modifications prior to using firearms. Moved some concrete slabs from the hunkhouse foundation into the orchard to shore-up the eroded ditch wall. Janet C. baked cookies.

Sat. May 24

Phillip & I, with some help from Tyler, restored the water-shovel more sand/gravel out of the waterbox. Phillip and I decided to resort to rifles to reduce the marmot (yaka) #'s in the main pasture and around coral-top of airstrip. We shot 7; 6 females/1 male. The crew: Tati, Amber, Tyler got involved in helping us clean the ya-ka for consumption. Holly left the hair on bors to cook "traditionally," the root were skinned, halved, and soaked in salt water. A-J came up with interesting recipes off the internet. Several of us shot bows this evening. Copied photos off the Vau Braun CD that show where <sup>illegally</sup> he shot his sheep... we'll try to verify tomorrow.

Sunday, May 25

Phillip and I carted the marmot entrails down to the monitoring site, set the remote camera up for verification of scavenging. We then hiked up the ridge west of Cougar Cr., and after a couple of hours we ~~found~~<sup>found</sup> the site where Ed Vangronen "poached" the highhorn ram! We took many photos to confirm the exact site and collected hair, bone, and cord evidence. Holly and Janet brought 3 head down to Cougar Cr. and met up with Phillip and I. I came back to TR and 3 of them rode up onto Goat Ridge looking for wolf activity. We had our infamous "ya-ha" barbecue... nothing spectacular. Never could cook Holly's hair-on given the heavy rain... not enough "coal heat."

Monday, May 26

The Environmental class flew into Cabin Cr., Stone Bunting was flown in here along with supplies. After putting things away Stone & I hiked up to Loberner B. and met the class. I told the Loberner story and other historical tidbits. Once @ TR the crew recuperated and then we had a barbecue... which was rained out (again!). Phillip assembled the trash pump, then Tyler, Phil, and I did some major sand-gravel removal out of the intake culvert's box. Holly and A-J went over a big list of UI purchases to be made when A-J goes out. Holly got bogged down with many UI emails and receipt processing. The carpenters are making great progress with the bedroom wall and Bathroom layout. Flying B guys, Tyler/Luke stopped by with 13 bags of cubes.

Tuesday, May 27

The class, and J. Kinsery and S. Bunting hiked up on the benches... to the Ridgetop. Janet and Phillip took Star up Goat Ridge, looking for the wolf den. Tyler, big Eric and I moved many slabs of concrete to the orchard for main ditch repair. Barbecued burgers in the rain. <sup>All the student researchers described their projects to the class.</sup>

Weds. May 28

Holly and I spoke to the class this morning - carnivore research (H) and TR history, me. The mail plane came in about noon, taking NZ friends Janet & Phillip out. Tyler filled the water reservoir in the brown building. Gave a tour of the buildings to the class. Several emails and Holly worked some on her cougar paper. <sup>Did a lot of socializing with the class all day.</sup> Annie-June flew out to do TR shopping in Boise. <sup>talked to this class about Friends of T.R.</sup>

Thurs., May 29

I went downstream with the class and talked about the Tukudika and Leinhardt's dig. No activity @ the remote camera and entrapment pile. Holly worked on the cougar paper and other TR admin. Tyler and Simon mowed lawns, did yard work. In the evening we gave our fire talk to the class... the group was a little "whipped" after hiking to the Middle Fk. and back. Talked to Cal in plane overhead, it sounds like the B will be trailing stock to the Root Ranch this Saturday. The carpenters continue to make great progress on the Lewis Cabin.

Friday, May 30

The class cleaned up early and were ready to go by 10 am, and 2 206's came in soon after. It took 3 flights to get out the class. I got everyone's names recorded who were in the class: Jennifer O'Laughlin, Larry Hunter, Linda Morris, Paul Stormo, Steve Busch, Larry Curry, Bill Boyd, Joanne Mitot, Carmen Savage, Jim Morris... and instructors Stone Bunting and Jim Kingery. <sup>347-3268</sup> Tyler reported to me problems with his knee... putting a brace on has helped. Had John B. put together measurements for the antique roof job, I reported this to Craig Eldredge. The Lewis Cabin is really taking shape, next will be floor laying. Patty S. from the F.S. stopped by and we visited about the weed project. Holly cooked a salmon dinner for us and the carpenters... they really appreciated a real meal.



Sat. May 31

Ray flew in with Anne-Jane and a load of gear. Put stuff away. Visited with the carpenters on shelving-lighting-accessories. Replaced the archery target with a new "bag". The Flying B string pulled in about 4:30... Scott, Gary P., Jeff, James, then at 6:30 Tyler & Luke came down from the Root. Had 32+ head and 6 people over night. The B provided dinner for all (burgers) and 3 extra bags of cubes. Visited w/ Gary Power (commissioner) about wolf delisting hearing in Missoula Mts.

Sun. June 1<sup>st</sup>

H and I got up early and made breakfast while the B crew saddled stock. Cal flew in at 7 am, brought 2 more bags of cubes for us. Everyone was gone by 8 am. Tried to take a day off. Holly caught up ash stock from the lower pasture... put into corral. Holly and A-J rode 2 nudes up to Hobaner B. Played some horseshoes w/ the Evics and Neil... in the new pit.

Mon. June 2

The interns were flown in today; the plane was well loaded. Calla, Delmar, and Kristen are the '08 interns. After they settled in I toured them around. Visited with John B regarding the wrap<sup>up</sup> (remaining) tasks on the Lewis Cabin. Took photos of the project and emailed to U.I. admin. Took the interns on a hike downstream to the remote camera. A-J and Holly went over receipts and billings. Sent out a plane load of carpenter stuff. In the afternoon we did the ~~orientation~~<sup>orientation</sup> with the complete summer student crew... explaining policies and operational procedures. Tyler fixed the Helliey south shower and Ran the woodlath around.

Tuesday, June 3

(actually Weds.)

Holly and A-J did the "tour of plant identification" with the interns. I found out that Eric C. and Eric Clippinger were still in bed after 9 am... after excessive drinking the night before, so



I clearly told them that they were out of line and their behaviors needed to change in that regard. Tyler and I worked with the interns cross-cut sawing the trees across the east water box trail, A-J took photos. Tyler also used the interns to enhance the main pasture irrigation.

Weds., June 4

Tyler changed the DeVlieg propane. He tuned up the generator too... cleaned oil from air filter, changed the oil. He also led a crew cleaning around the Lewis Cabin. He glued the sheep round-table too. Holly and A-J did the plant ID training with interns. The weather was marginal but Ray was able to take out the carpenters. The Crosby family (Ben, Canna, Wells ♂, Dillon ♀) were flown in via Middle Rk. Aviation.

Thurs., June 5

(w/ student's)  
Had to deal with a "bigger" personal issue w/ alcohol abuse, this ate up a lot of the morning with meetings etc. Tyler lived out Tati, Amber, interns on yard cleaning and putting log treatment on the old cabin. Tyler / A-J also worked with "the crew" throwing rocks off the airstrip. I did TR emails and Holly worked on her manuscript. A-J did scheduling and worked on the policy manual. We had a potluck-barbecue w/ all here.

Friday, June 6

(Saturday)  
I put shoes on the front of Cricket and Penny. Emailed to Facilities about the status of the project... what's left to do. Drafted up "conduct contract" for the 2 Eric's. Did have a good meeting w/ them both and they signed the document, don't expect more problems. Quite a bit of rain this afternoon, in fact Walt had to land here trying to get to Big CR... with Bob Bailey and Sandy MacRae, spent several hours visiting them, Holly made toasted cheese sandwiches. Sandy always has interesting historical tid-bits to share. Helped Neil try to get a rope spanning Big Creek. NO LUCK.

Saturday, June 7

Ben, Eric, Neil and Collie & Del Mar successfully worked the stream volume device (suspended on Montoon)... and operated off of the bridge. I actually skinned frogs on Cricket and Penny today... not yesterday. Made arrangements for Dale Boren to come in and help on the moving machine rebuild. Holly worked on her cougar paper some. Had a potluck @ the DeVlieg and Ben and his students talked about their projects. Also today, Holly looked at a sick... then dead Lewis woodpecker that Amber and Tati found in the lower pasture. They saved for disease testing.

Sunday, June 8

Holly & A-J planted the garden. We harnessed the mules and worked them... (after Tyler made us a hot cake breakfast, & Alf. flew out the Crookings) they were quite "rowdy" at times (Bird way worse than Bert), actually ran off w/ Holly and A-J at one point. I did some fishing, caught 3 9" cuts. I shot bows with all the students here this evening.

Monday, June 9

Met with Tyler and A-J to discuss the week's activities. The interns & A-J, and I worked on getting the Juw's Cabin ready for occupancy. Had 2 planes inport today; one was the Islander with the Fib building, Jaime, Ellen, and friend Dale and gear. Tyler & A-J discovered that Pan, the cat, had seriously hurt his mouth and paw in the bathroom... many loose/lost teeth. Somehow he got hung-up on the water heater. So, Tyler had to fly out with the cat to see the vet. Ray brought the rest of the supplies for Ellen @ that time. Dale and I started on the mower over-haul but didn't get far. Holly contacted Moll Woodworks on beds. She wrote up report on the dead Lewis woodpecker. Did billing corresp. with Lynne K.

Tuesday, June 10

Had a snowstorm this morning. Met with the undergrad. research interns to discuss their projects (Eric, Eric, Tati, Amber). A-J is doing the chores for Tyler. Dale and I worked on the mower, finally figured out how to set the sick-bar timing. Dale fixed the yoke assembly while I changed the oil and made an oil case gasket with spray-can. Dale and I used the bhoe to pull the mower up and down the airstrip... the mower works great! Holly & A-J met with the interns so hear their reading summaries. Billy & Lewis flew in from <sup>McCall</sup> NOAA fisheries to start reactivating the antennae system. I helped them move batteries with the bh. Jamie and Elton got the screw-trap "re-launched"... the fish-well was full of sand. Eric Clip. helped them put up the workstation bldg. Eric Carlson mowed the lawns - Taylor/duplex/DeVlieg. DelMon cleared brush along trails. Calla helped Javan with mammal traps, Kristen cleaned windows in the Lewis Cabin. Today the weather broke by 11 am.

Wednesday June 11

Another rainy day. No flying from Cascade or McCall. I hid out in the office again to finish the Cougar Source-Sink manuscript for the Mountain Lion Workshop proceedings. Corresponded on log furniture billing & woodpecker disease sampling. Jim worked with the students to install a gate at the FS trailhead by the Big Creek bridge. Amie June did bills & ordered herbarium supplies. Tyler drove to McCall and picked up the 4 bar stools from McCall Woodworks for the Dave Lewis Cabin. NOAA Fisheries crew were on standby waiting for the plane with the in-stream antennas, batteries, and electronics, so Lewis hiked to the Gorge. We got confirmation that we will be part of the USA National Phenological Network - growing cloned lilacs and monitoring phenology of selected regional plants.

Thursday June 12

Beautiful sunny day today. Mail plane brought in Rudy & Carolyn Bauder, Landon Moore, and Tyler with cat Pan. Kristen, Jim, and Dale flew out. The NOAA crew got their equipment flown in and everyone helped unload & load new & old batteries. Tyler moved the antennas & batteries with the backhoe. Bill & Louis spent until almost midnight getting the NOAA system set up - new web cam installed, but problems with antenna reader. I sent out the 1<sup>st</sup> draft of the Source-Sink cougar manuscript. Calla worked with Javan on small mammal trapping in AM. Amie June reviewed the herbarium specimens and talked about value of herbarium and categorizing plants with Wilderness Interns, then I led another plant ID hike with Interns downstream. We had a BBQ in the evening for everyone to get together; Ellen & Laurie talked about fish research and the screw trap operation.

Friday June 13

Eric, Eric & Neil backpacked to Rush Pt, then on to Canyon Creek for research sampling - I helped with maps & spring locations. Bleak Interns worked with me on their field skills: pacing, distance estimation, mapping UTM's & determining UTM's of sites on map, more plant ID. Vaccinated the mules - students participated - went great. Corresponded on getting the new RAWS weather station. A-J and I did billing & lodging bill training for AJ. Laurie Jansen<sup>in</sup> flew out and 4 bar stools for Dave Lewis cabin flew in. Bill & Lewis (NOAA) flew out. Tyler has been coordinating work-for-lodging crews, particularly getting grounds/yards tidied up. No Lewis woodpecker nesting yet - as obs from Tati & Amber.



Saturday June 14

Ride to Cabin Creek & Cave Creek: Holly, Delmar, Calla, Landon, Amie June. We crossed a side channel to Big Cr to see if we could cross Big Creek to shuttle Eric, Eric, & Neil across, but we had to turn back. Some horses & mules crossed a deep section of side channel <sup>on the return</sup> and Calla & I had to hold Cricket's head/nose out of the water as we tried to free her from an obstacle in the current that she was hung up on. Kat tried to cross without a rider & was swept into Cricket - knocking her free! Bad situation for Calla & I and Cricket, but all ended well. We then had lunch & dried out, then rode to Cave Cr and took pictures in the cave. Beautiful sunny day. Tyler <sup>weathered</sup> sealed Arlow's deck. All crews returned to TR. Saw 3 more dead tanagers on the trail to Cabin Cr - from cold <sup>weather</sup>.

Sunday June 15

Day off for most of us - laundry, home chores. I weeded & pruned around raspberry patch & did yardwork. Tyler restarted airstrip irrigation.

Monday June 16

I had a conference call on the TR Wilderness Workshop outcome (report) and what we should share with the FS Payette Supervisor this week. Interns help Tyler in the Am and learned how to work the ISCO water filtration device from Eric Carlson, since they will exchange bottles while Eric is gone a week. I took photos of Eric & Neil in the field - Eric's "whale" sedimentation sampler at Big Cr bridge and Neil's flow meter at Cliff Creek. Yet another glitch for Neil - one of the pontoons on his ADP stream flow sampler blew up in the sunshine, so he couldn't do the sampling. Big Creek is up again with the warm weather. We all watched & students photographed 10 bighorns on the cutbank lick above Big Cr. bridge (behind corral) & (5 ewes, 1 Yewe, 4 lambs ~ 3 weeks old).

Tyler supervised

Work-for-lodging chores included: lawns & yardwork, start flood irrigation on airstrip, clean out burn piles. Delmar took his turn (3 days) helping Javan with Small mammal trapping. Amie June did receipts & lodging; I worked on invoices for Lynne K. and scheduling NOAA Fisheries and Payette NF. After many emails back & forth Zack Holden was able to confirm that we could get the RAWS station plus satellite transmission box <sup>(\$3000)</sup> all for free from the RMRS and they will pay the annual maintenance/uplink costs (\$800)! Great news for TWRS!

Tuesday June 17

Jim stopped at the IDFG Wildlife Lab enroute to Cascade, to pick up bighorn & other animal disease sampling supplies and the frozen Lewis woodpecker for taxidermy (stored at Arnolds). The Lewis WP was negative for West Nile virus, and likely died from malnourishment as we suspected. Jim & Kristen flew back to Taylor at noon. I worked with Interns on radio telemetry - finding hidden collars. Jim had them find a pole for a new tongue for the forecart. Email correspondence, including interest from Bill Ripple, OSU prof & friend to collaborate on wolf-elk-aspen trophic cascades work around Big Creek wolf den sites. Cal Henry (Flying B) agreed to give Jim 2 horses for Ellen to borrow for her summer research trip up Big Creek next month. Calla made cookies for the Forest Service visit tomorrow. I put together packets for each FS visitor of the Wilderness Workshop Report & Contact list, HJ Andrews example of an Experimental Forest MOLL, and goals of the workshop by SDL. Amie June worked on herbarium, photos of students, cabin supplies.

Wednesday June 18

Payette NF visit to Taylor: Suzanne Rainville Forest Supervisor, Joe Harper, District Ranger, Clem Pope Wilderness Resources Specialist, Laura — Payette Public Affairs Officer. We all met at the fire pit so students could meet them and talk about their research projects — great job by students, but Eric & Neil had to fly out on the mail plane before their talks, Rudy & Cardyn Bauder also flew out. At lunch we shared the Wilderness Workshop Report with Suzanne & Joe & discussed added-value partnership ideas (between UI/TR and Payette NF and possibly others) including Experiment Station/Experimental Forest designation at or around Taylor Ranch. Did the facilities tour in pm, including all the research instrumentation. Finished the day with a potluck BBQ for all. Javan seemed sick/inattentive at the potluck and said he had had headache, fever, muscle fatigue, and light headedness for 1-2 days. We suspected tick fever (Rocky Mtn/Colorado spotted fever), even though at first he said he had not had a tick bite. I called his Mom to get medical information and she drove to Cascade the next morning to take him to the doctor.

Thursday, June 19

Javan was worse this morning, with chills. He flew out & was in the ER at St Lukes for several hours — likely diagnosis: tick fever. Ed Krumpfle flew in from Cascade to work with the Interns for a week. Jim & I and Interns and the FS crew hiked downstream to the Gorge. Jim showed/talked about Sheepwater Indian Home sites, and I worked with students on rattlesnake telemetry and GPS of the tour guide Mindy M. made last year as an intern. Had lunch at the Gorge & talked about the Knapweed contract — FS will provide funding for us to work with students to redo our 1999 Knapweed transects at Goat Creek after 8 years of herbicide control.

We continued discussions on how TR & Payette/Krassel can work together & develop an Moll. Suzanne & Joe had a strong interest in working with us, but were not ready to address any interest in Experiment Station/Forest designation until fall, after they had researched the idea. We received our signed (by Suzanne) Research Special Use Permits for summer work from Taylor. FS group flew out late afternoon — It was a valuable first meeting (Suzanne) and first<sup>TR</sup> visit (Suzanne & Joe). Work for Lodging & Interns pulled newly IDed Whitetop patch at haystack!

Friday June 20

(Whitetop's Fiddleneck)

The interns picked weeds around the barn — east and south sides. Amber and Tati found a pole for the "Taylor double bed" reconstruction, Tyler and I worked on taproot ends. Ed K. hiked downstream to talk about campsite inventories with the interns. I spent the last couple hours of the work day giving a training session on packing to the interns and Ellen. A-J sent out bills and lodging. We had a TR meeting on the DeVlieg deck... discussed computer use, electricity (limited), upcoming fire danger (burn barrels, candles), and medical safety (tick fever)... dehydration - heat exhaustion. A-J made groceries for all.

Saturday, June 21

(London too... 3<sup>rd</sup> day of it)

Hot and humid today. Holly, Ed, Tati, Amber, and Tyler located rattlesnakes for Jovan. Ellen helped me put shoes on the rear of Kat... using the backhoe rail and cotton rope. Kat was OK w/ driving today - using crutches. I drafted up the "Dad living plan" notes that Brother Mike and I put together. A-J and Holly both did gardening and laundry. We had a TR BBQ (w/ Ed K.) with all contributing and Kristen led discussion on fire mgmt. in wilderness... w/ Ed providing commentary too.



Sunday, June 22

Holly took the stock, the interns, and Ellen up Goat Rd. to look for evidence of the Holden Pack denning. Ed and I spent virtually all day finishing rebuilding the double bed for the E. Hornocker Cabin... it turned out quite well. Kat the horse had a mishap (brain-fart) en route back... jumping Goat cr. 2nd crossing - landing on a stub w/ her upper front-left leg. Quite a gash! Calla was riding her and she felt bad... but shouldn't have as Kat is a "ding-bat." We spent the evening sedating (xylazine) her and putting in 9 stitches. It took a long time but went fairly well.

Monday, June 23

Got off to slow start after last evening. Ed took the interns downstream to finish campsite monitoring. Holly redid the FS visit summary, then emailed. I lined out Ellen, Tyler, A-J on various Lewis Cabin tasks... Ellen refinishing the old table. Tyler finished yoke assembly on the armer, and tongue/yoke assembly attachment on the forecart. I visited with A-J about her 1st draft of the DeVlieg cabin, and TR manuals. Holly went over the Rnapwood survey info. from past years.

Tuesday, June 24

The day began fairly normal, lined the interns out on assorted tasks with the Lewis Cabin - stepping porch. This was Javan's first day back into the field and he did not get off to a great start. Early afternoon Holly got a radio call from Javan to meet him on the bridge, that he had had an accident. Holly and students went to meet him and saw his injury... he had fallen onto his telemetry antennae and poked an element into his eye lid and back into the eye socket. Ed was on a skype-call to select the interim. Dean, so used the phone to get word out to ARNOLDS (many failed attempts at phone talking). Eventually the message got through and Walt came in and took Javan and Holly to Boere - St. Luke's ER where a neurologist evaluated his injury.



with a cat scan. Carolyn Bender met up with Taran & Holly. Taran spent the night in a hospital and Holly & Carolyn in a local motel. It sounds like Taran will be under observation awhile as the antennae did go somewhat into the brain. Back @ TR we called off the BBQ and we (Ed & I) instead had hamburgers @ our place.

Weds., June 25<sup>th</sup>

Holly rode the bus up from Boise to Cascade. We had 2 AA flights this morning, one brought in Eric Cleppinger's Dad (Mark) and took Ed Krumpke back out. Then Holly was flown back in @ noon and Eric's his father were lifted to Colb Meadows. Landon and Delmar located rattlesnakes for Taran. The interns & Ellen worked with Tyler on the sleeping porch. A-J did billings/computer work. It appears that Taran will be recuperating w/ his parents in Jerome for at least a week.

Thurs. June 26

Our PB's friends Kevin and Lucie Shea were flown in late morning today. Showed them around the place, then we got involved in an "accidental mule round-up" as one of the beasts opened the corral gate (cribbeam wasn't latched) and then the herd ran around the hay field like lunatics until we could catch them one-by-one. The main damage was Kat pulling out stitches and some hay being knocked over. Did a little respect training with Star & Bind. Did some packing training w/ Ellen/interns. Landon & interns located (3?) rattlesnakes for Taran today. Had a TR barbecue/potluck the evening.

Friday, June 27

Went downstream today. Holly, A-J, interns headed to the Knapweed monitoring site. I went with the Sheas and Tati and Amber on down to the Gorge. Just below TR we

came upon 4 guys camping who turned out to be (besides fly fishermen). One of them was Aaron Foster, an intern from 1994. His friends/possions are: Jesse Hamilton, Greg Hansen, Brian Cronin. We saw several floaters @ the Gorge, who liked up to see the photographs. Once back @ TR, Aaron & crew stopped in to visit a bit. Aaron was very complimentary of the buildings, grounds, and old cabin renovation. AK salmon for dinner tonight. Also today, Kevin, Tyler and I moved sleking from the Lewis Cabin to the south shop wall (outside)

Saturday, June 18

Took Kevin and Lucie for a hike to Sageflat and then to the hillside mineral lick. Found the 3pt. buck carcass I located 2 years ago, but it had "weathered away" too <sup>decayed</sup> much to salvage. Holly caught up on laundry and did the daily doctoring of Kat. Warm afternoon, lots of naps taken. Barbecued Ribeyes for dinner! Oh, also today Delmar and Tati climbed Horse Mtn. They were going to do Lewis PK side too, but the heat was a bit much (92° or so). They also picked off many ticks (14, 21). Tyler still mowing sprinklers, but will wind down soon for mowing.

Sunday, June 29

Had a leisurely breakfast with Sheri's and 2 flights in by AA. First W&T brought in Mary & Dan Worsham (old cabin roofing) and their roofing gear - compressor/tools, and 3 bundles shakes. Ray flew in later with Eric Clippinger's Mom (Rita & boyfriend Marty). Quite a hot afternoon, at least 95°. Dan and Mary actually made a lot of progress on the roof, doing most of the East side and SE facing wing. Had dessert with Worshams, also shot hors with several students & A-J and Tyler. Holly was up past midnight working on the cougar paper... doing adds to the manuscript for the MLW proceedings. Kara Cromwell came in yesterday pm when Eric Clippinger's father flew out.

Monday, June 30

Met with the interns and Eric's for a morning "pep talk" and to hear the Eric's research plans for the next couple of weeks. Tyler and I cut the stovepipe hole in the Lewis Cabin Roof, the Eric's helped us move the stove into place. Holly spent all day on the wilderness congar paper. Thunder showers in the pm. A-J led the interns on continued Knapweed Tyler down from Root Ranch w/ 2 head of <sup>gunny @ Boat CR.</sup> stock for Ellen & Kara.

Tuesday, July 1<sup>st</sup> (Cal flew in @ 6:30, took Tyler out)

I wrote up the month's weather. Heard that Jason will still be out for awhile - had another cat scan yesterday. We got the crop to now hay so we harvested the mules and began mowing - with Delmar on the back of the liner. While coming back up the strip the "Rats" ran off. I was able to steer them up to the fuel shed - had mules! It really rained this afternoon, putting everyone inside. Dan and Mary are about done with the roof, but will run out of shakes. Holly still plugging away on the paper. Kat's leg is looking a bit bad - the stitches pulled out and it's "oozy".

Weds., July 2<sup>nd</sup>

Grass too wet to mow this morning. Walt brought the mail in and hauled out 4... Rita & Marty, Ben and Landon. Also yesterday, Kara and Ellen headed upstream with the 2 borrowed horses (Rio, Shorty). I helped them pack up and gave a lot of camping with stock advice. Finally harvested the mules after lunch. Put a remaining w on Bind. They did OK but had 2 breakdowns... the tongue dropped down and then 1 hr. later the pitman broke, plus many other "distorted" components... by driver time, we had it back together! Holly emailed her paper to IDF&G for the MW proceedings. Dan & Mary done with the Roof... out of materials. A-J and I even finished the Knapweed runny. Holly spent the evening answering (email) question by Jason Kaufman

Thurs. July 3

Once the dew was off we began mowing again... this time things went well and we knocked down hay in the lower flat and main pasture - below ditch. Had a T-storm this evening, but didn't have rain.

Friday, July 4

A smaller group of us worked on mowing, we did the upper pasture, above ditch and then half of the airstrip. All went well, mules are getting their heads "screamed-on".

Aaron, Mike, Monty (FS) from Cabin Cr. came down for our BBQ., had a big crowd & lots of food... we took potatoe salad (H made) & elk burgers. A-J made a great chutney pie and we had many side dishes. The FS guys spent the night.

Sat. July 5

We finished mowing the airstrip today, then after a break started raking the main pasture (lower half). Actually, we spent a couple hours hand flipping the thick patches before any raking. Quite a bit of humidity today, keeping the hay from drying. The FS guys headed back upstream late morning. Ray flew in and picked up the pipe, etc. for Stonewater Ranch.

Sun. July 6

More haying activities; raking, shocking, wet grass flipping, etc. We also picked up one load of hay in the wagon. Holly had the sinters and Tat, take a crack @ driving the rake (w/ her on the back of the lines)... things went fine but Bindy still a bit "jumpy" Ellen & Kara back from upstream.

Monday, July 7

A productive haying day as we hauled in 7+ wagonloads of hay off of the main pasture <sup>(D. Bell 502)</sup> up to the main ditch. Holly emailed J. Bossz and supervisors regarding the current planning process and defining roles of the players.



Tuesday, July 8<sup>th</sup>

Today was our (Holly's mine) 30<sup>th</sup> anniversary! Holly made a cake, and to our surprise so did Amie-June. The interns (research & regular) also composed a classic card - signed by all. We still devoted most of the day - and evening, to picking up hay... 2 loads off the upper main pasture and 4 from the airstrip. Getting hot again, hay crew tired from the heat & exertion. Cordell and his Dad - Clarence pulled him from a trip down Big Creek.

Weds., July 9

We finished up the haying today, first unloading hay from the wagon then two more loads off of the airstrip... the last 2 loads! This year's total was 15 loads from the main pasture (9) and airstrip (6). The mail plane <sup>took out Clarence too.</sup> came in with a big load of supplies, including a big tub of ice cream which we shared with the hay crew post-haying. Turned the stock out into the main pasture after putting up take electric fencing - hay stack and south-shop areas. Holly started catching up on haying-disrupted-work emails. Tyler & Cordell started the sprinklers on the strip & main pasture.

Thurs., July 10

Gave the crew the day off after haying. Holly and I caught up on UI emails/conversations, and we took some time off too... but not much. A-J worked up some lodging bills. Holly rewrote the ACUC for the screw-trap and began working on the one for the internship. Tyler cleaned up the shop, did irrigation (sprinklers) and took part of the day off.

Friday, July 11

Holly and the interns picked Knappweed along the west property edge. Only 4 plants north of Big CR. But 38 on the southside; windsock vicinity. Delmar, Tyler and I hauled some bridge poles out of the island log jam (bucktree & long cables), then the 3 interns and I moved another big pole with a mule(s) Bat & Cricket. Spent the afternoon building a double section ladder bridge across Res CR. Oh ya, when Ray flew in the Carlsons (Jim/Cathy) he brought in 2 gal. ice cream and Root beer for RB floats!

Sat. July 12

Holly and the interns took 4 Riders up Goat Cr. to look for the Golden wolves. Near Golden Mtn. they saw 2 pups - by themselves... a successful trip!! I checked the bear-site, no new activity. I made a big pot of beans & ham, for the "we come-back-Taran potluck." Ray flew Taran in @ noon (+ 4 propane). Holly & crew made it back @ 7:30 pm.

Sunday July 13

Holly and Tyler & Annie-June rode the 2 horses and Penny to the Cliff Ridgetop - White Rock. I checked the bear bait and went fishing. The interns backpacked downstream for a couple of nights. The Carlson family hiked to Cabin Cr. to float back down. Shot aerial targets w/ bows in the evening.

Monday July 14

Holly did a lot of emailing on the Wilder. Workshop and TRWRS planning... advisory committee (the wkshop report) and J. Gosz on leadership roles. I checked the bear site which had 2 different hits. Did some yard work. Chris Harrington w/ IDFG showed up from the Crags. Put Chris's Cardell to work clearing brush for firewood cutting - base of hill, south side. Corresponded with AA and Maurice about the upcoming Big Cr. trip to present Wilbur his award from the ML Wkshop. Annie-June and Tyler worked on safety details for the upcoming inspection (Bill Messner) (safety inspection) on Weds.

Tuesday, July 15

Walt flew in @ 9:15 to take Holly and I up to Big Cr. to meet with Harnock's, T. Ruth, to present Wilbur his Idaho Conservation award from the participants of the 9th Mtn. Lion Workshop. We visited Bob Gillham too while up there. Wilbur cooked

-lots of story telling-

up a nice roast w/ vegetables. Had a great visit with all. It sounds and looks like clearing buildings was the main theme at TR.

Weds. July 16

It rained some during the night... some damp camping at Wilbur's. The first AA plane came over head @ 9 am... Also convinced Wilbur to fly down to TR, his first trip here since 1974! Once on site with Maurice, Julie, Toni, Wilbur we toured around the place. Maurice and Wilbur were especially impressed with the Lewis Cabin Renovation. We took several nice photos and a classic of Maurice and Wilbur in front of the "Hornocker Cabin" sign. Part of today's flying - also a mail day - was Bill Messner coming in for the annual safety inspection. Tyler escorted Bill around while I was tied up with the Wilbur-Award group. Holly and I, and Chew, worked on some shearing/trimming prior to the wolf pack trip. Replaced the fronts on Kat and Rt. Rear on Star, and trimmed Penny, Bird, Bat. Holly and interns packed gear in the evening, I supervised the mauling process.

Thurs. July 17

Got going early (6:15) getting the stock caught up and packed for the W. FK. RUSH CR. wolf trip. Holly and the interns left @ 8:15, it will be a warm trip. Worked on chainsaws, the 3 Stihls are about "shot." Tyler, Cordell, and I worked on pulling wood from the airstrip island using the back hoe and cables, Rope, etc. Hauled 2 big loads using the bh and logging arch to the south lab woodp. area. Cordell used the weedator to knock down grass at the new wood processing site. Tyler began main pasture ditch improvement. Shot aerial targets with Tyler, A-J, Tati, Amber. Ellen rode downstream with her 2 borrowed stock, she brought back the remote camera. Visited Pam Bell about the <sup>TRFS</sup> leadership issue w/ CNR admin., we'll talk again tomorrow. The fire burning up RUSH CR. - Shellack CR. - making the air smoky at times.

Friday, July 18

After morning chores, Tyler Cordell and I worked on the log jam - firewood at the west end of the airstrip... w/ help from Amber and Tati, too. The bear-site camera took many good photos of the "usual" blond bear. Annie-June worked on the D. Lewis poster and I advised her. I put together the MLW awards page for Maurice's Wilbur and A-J did the "layout." Earlier today I visited with Pam Bell about H. and I going to Moscow on Monday to participate in the TR leadership meeting. She said she wanted to research this meeting intention more and get back to us Sunday.

Sat. July 19

Had two plans in this morning - one from M.F. Aviation and one from Arnolds. Both were bringing in supplies/gear for the Coddin Baxter crew, who came in later in the day, with him was Melissa Lamb, Modeling, and 3 others. Ellen brought the 2 horses over from the N. pasture. I checked their shoes and ended up replacing Shorty's fronts and Rio's rears (new shoes). Before getting started, Shorty pulled back on the halter rope - moving the fence, and forcing me onto a rock in the corral... sore hip & elbow!

Sunday July 20

Quite warm today. I started the morning by helping Kara, Ellen, Cordell, and Luke (Kara's brother) get the <sup>(2 bears)</sup> stock packed up for their trip upstream. Holly and the interns returned about 6pm. The saw a pup or 2 occasions, but not multiple together. Tati Bettlemen joined the hiking club today - doing 4,000' up & dn. each side of the canyon.

Monday, July 21

Holly wasn't feeling good today. I worked with the interns & Eric <sup>Cat.</sup> & Tyler cutting down firewood trees on the south side of the airstrip. Cut down a big tree w/ a dull crosscut... quite a work out! Holly worked on TR planning input. Laurie J. from F&B was flown in by Ray today. I + Rained ~~2~~ <sup>some</sup> this afternoon... mostly during the night.



Tuesday, July 21

Chris continued working on firewood... dragging nine logs off of the gravel bar and hauling 3 loads with the logging arch. The interns worked with the <sup>E. Baxter crew</sup> ~~interns~~ and up Rush Cr. and Big Cr. They came upon a dead wolf 200 meters above Rush Cr. in a log jam. Holly took a fleet people up to the carcass and brought it back, after contacting Scott Winkler from Fish & Wildlife (feds). The NOAA crew flew in this morning... during some thunder and heavy rain. Dave Stewart pulled in today... great to visit him again! He'll help with firewood and talk to the crew here about Big Cr. geologic mapping - tomorrow. I worked some with A-J finalizing the D. Lewis poster. Eric Carlson sawed and stacked wood for the Lewis Lodge. A big thunder squall hit mid afternoon and had us all running for cover.

Weds., July 22

<sup>& Jessica from IDFG - for S. trap</sup>  
The mail plane came and went, Eric Clippinger came back in. I spent most of the day working with Tyler and Dave S. w/ firewood logs. The NOAA crew is installing PVC type antennas (tougher than originals). It appears that the spread-bumps healed downstream.

The FS "VIP crew" stopped by late afternoon - Suzanne Rainville, Joe Harper, Randy Walsh, Jane Crop. we served Tennaiside and formed around. Also loaned Patric a shoe & nails. Amber's folks, Joel & Elaine liked in this evening. Billy & Gabriel from NOAA trying to figure out noise interference. Holly emailed SDL on informatics training. Helped Ron-NOAA move camp to airstrip. for Anne-June.

Thurs., July 23

Holly caught up on emails - Black internship etc. I spent most of the day hauling <sup>BH's</sup> (arch) firewood logs with Tyler & Dave. Anne-June will be going to einformatics training in NM this Sept. 2 planes came in for NOAA guys - Steve A., Ron M., and Scott? Flew out. Katie Kavanagh came in and immediately started working with the interns... and gave a talk on the forest indicators of global warming. Had a TR BBQ. Holly made an anniversary pie for Tyler and A-J, very good! Killed a packrat in the night downstairs.

Friday, July 24

J. Holland & I flew out on the flight that brought in Tom Bitterwolf, who is visiting Tyler and Annie June. Tom is a Chemistry prof. @ UI. Holly and I did UI shopping in ~~Boise~~ Baker City - D&B. Back @ TR Eric Carlson and Eric Clippinger & Delmar split wood... that E. Carlson beaked up with the rain. Katy K., the interns, Eric Clippinger went to one of Clip's transects by Rush Cr. Besides shopping, Jim & Holly are going out to pick up the new puppy! Holly will fly from Boise to Spokane on Sunday to pick it up. Tom B. is Chemistry faculty @ UI

Saturday, July 25

Good and Elaine Lankford flew out this am. Tyler changed DeVlieg Cabin propane. Eric's, Calla, Delmar floated river. Dave S. loaded off backpacking to Stoddard - Main Salmon. Jim & Holly went from Baker City to Boise... did some UI shopping. Katy worked some w/ the interns

Sunday, July 26

Tom & Amber, Annie-June hiked to Goat Cr. and back, Delmar scaled Dave Lewis Peak, Tati climbed Horse Mtn and found the other side to her sheep head. The "DeVliegers" held a B-day party for Delmar. Jim & Holly flew back in with the new Golden R. puppy... which Holly flew to Spokane to pick up earlier in the day. We came in with a plane load of TR supplies.

Monday, July 27

Jim, Tyler & interns felled a tree off of airstrip. Holly put things away and caught up on errands. Ray flew in Jim & Janet Pope, who we visited with a fair amount... about the 6 DeVlieg students and other summertime activities. Tyler replaced mowing cake on the lawn mower and mowed the Hornocker and Taylor yards. He also cleared (incubated) a swath for moving the airstrip firewood. Got the new chainsaw bar/chain set up. The Pops brought in salmon so we had a big BBQ. The interns started getting ready for the arched pack trip. A-J put up D. Lewis poster

Tuesday, July 28

Larry Kingsbury and Gale Dixon were flown in for the Big Cr. Ridge archeology trip. I helped the interns, Larry, Gale, Holly get going with the stock... left here about 9:30 am. NOAA Fisheries crew was flown in (via, Sarah, 2) Tyler, Jim P. and I worked on firewood-log skidding. Janet P. spent time with 3 DeVlieg students. The new pup "Red" is a handful!

Weds., July 29

Three people went out today on the mail plane... Neil Olson, Eric Carlson, and Doc Bitterwolf. J. Pope, Tyler, Tati and I hauled the Daisy wot toward Rush Cr. for burial. Then Tyler, J. Pope and I skidded more logs and used the arch to move up to our wood pile. While wood hauling we saw smoke to the west and north... turned out to be a fire started @ Cabin Cr., by Ranger Aaron when he burned some cardboard boxes. Amber, Ben and Jordan got involved in grass-fire fighting. The NOAA Fisheries crew flew out @ 6pm. I did some late evening emailing to Alexis Martin regarding the Cabin Cr. fire. I called a meeting @ 10 pm to fill in the crew on the fire and pending smoke-jumping activity here tomorrow. Janet P. interacted with more <sup>(3)</sup> students, the Kennedy crew made it in

Thurs. July 30

An interesting day of smoke jumping... eight jumpers and gear were dropped off here. A good show, lots of photos taken. More firewood work - a little anyway. Holly, Larry, and Gayle, <sup>interns</sup> made it back having come down Big Cr. They checked out the fire zone <sup>Cabin Cr.</sup> enroute home. Tyler and I interacted with the fire crew. A-J made sure that housing was ready for Larry, Gayle etc. Visited with Jim & Janet on DeVlieg funding activities. The jumpers will be setting up pumps and hoses in case the fire sweeps east from wind. In the evening we visited Larry about continuing our coop. agreement. A-J did logging bills and Tyler his usual routine. Ben painted linseed oil on S/W sides of lab and S/E sides of Taylor Cabin - <sup>Pipes were blown</sup> out @ 7pm

Friday Aug. 1<sup>st</sup>

Lots of flying today... fire recon. and supply shifting cabin CR-TR. But, prior to that we had the whitetfish Derby! This years participants were: Brian K., Ellen H., Kristin P., Calla H., and me. Ellen was the winner w/ 2 fish, me second w/ 1. The water color was off a bit. One more day of the bear site, still just one bear - the blond male, hitting it regularly. Delmar will operate one more day then we'll discontinue Aug. 2<sup>nd</sup>. Caught up on emails. Tried to communicate with Calla's folks @ Big CR. no success, but then Walt flew down w/ John Hyde and a plan developed for tomorrow.

Saturday, Aug. 2

Gave the interns the packing final, which lasted most of the morning. As a group the trio did better than expected... B+A: Ray made a # of <sup>also brought in shelter from FEB</sup> trips in here today... the first was his own scheduling error. Anyway, he ended up bringing down Calla's folks - Susan and John & dog Mona. He flew Ellen, Kara, Cordell back to Cascade, they'll be out a week. We had a big blog with the TR crew and the smokejumpers. The jumpers started overhauling the upper irrigation ditch - pipe intake. We also shot aerial targets until the wind blew too much. "Kea", the pup, is very active... shows signs of pointing and like's to bite!

Sunday, Aug 3

The jumpers, led by Keith, finished reconstructing the upper irrigation intake. I did a little fishing after the plane came in to take out Calla and her folks. Picked rephurms, which are in full production right now. Shot bees, took the day off - mostly. It sounds like the Cabin CR. fire is headed more west than east now. Did exit interview w/ Calla early.

Monday, Aug. 4

Set up meeting in Moscow for Aug 21, and Craig E. coming in for final cabin inspection. Worked on fire wood in the am - fell 2 trees SW of the orchard. In the pm, Tyler and I put up the airstrip confinement - enclosure. Holly worked on Global Starz phone issue. A-J finalized NM. informatics training.



Tuesday, Aug. 5

Holly, Tati, A-J, and Kristen rode down to Soldier Bar, Delmar up to the Lambing Cliff - hiking. Tyler spent most of the day on firewood, and I sawed up several rounds @ the sawing. We did exit interviews with Kristen, Delmar, and Amber today. Shot aerial targets this pm. A-J scribed Tati's name on the hiking club list.

Weds. Aug. 6

A lot of flying today. The FS crew shifted up to Cabin CR, except they left the hoses and pumps set up. Two AA flights took out Amber, Tati, Delmar, Kristen and Fib-Skelley. Did an exit interview with Tati this morning. Holly went over the interview reports with them before they left. Tyler and I worked on firewood - splitting, stacking @ our pile. Holly sent another message to Global Star on the cease-of-service action they have taken. What a crummy company! Tyler and I used the smoke jumper crosscut to fall <sup>three up</sup> ~~the~~ Pioneer CR.

Thurs. Aug 7

More people flew out today... Eric Clippinger, Annie-June, and Tyler. Started the morning by doing an exit interview with Eric. Stacked wood. Jonathon Matthews stopped by late morning, he will be bowhunting for sheep in Sept. in this unit. Caught up on emails during the heat of the day. Clouded up with a few rumbles of thunder... and rain.

Friday Aug 8

Eldredge in, us to Moscow

Emailed about Moscow trip in later August.. to discuss our personal jobs review. Did the usual sprinkler moves, grazed the stock on the airstrip. Caught a woodrat on the southside of the Lewis Lodge. Holly continued researching the satellite phone service options. Communicated with Ben H. @ Coyote Springs, wants to change his fly-out date. Jonathon stopped in after dark... saw a couple Ravens up Rusli Ridge.

Saturday, Aug. 9

A nice cool day today, at least the morning. We did some house cleaning and hosed off our big Rug... that the puppy has "peed" on a few times. Corey Shake (inturn from '03) hiked down Big Cr. from the trailhead to visit and see TR "5 yrs. later." Corey is working on an M.S. in Wildlife (birds) @ N. Carolina State. He'll stay for a couple days - we grilled up deer steaks for dinner. Kea is a handful to manage... but H. & I took the 2 dogs swimming @ the Rush Cr. lake this morning, which made Kea more manageable throughout the day!

Sunday, Aug. 10

We hiked Kea on the airstrip again this morning and she did some "points" on grouse... she might be a keeper after all! Corey and I skidded 3 firewood trees to the processing site, by compost... using @ long-line from the Pioneer Cr. property boundary. We grilled Alaskan salmon for dinner. Also this afternoon, Corey did Lewis' w.p. nest observations N. of the sage flat. Corey, H., and I restarted the gemo trap.

Monday, Aug. 11

Corey headed off early... after a photo session. Ray A. flew in Laurie and Chris from Feb. Holly walked Kea on the airstrip and Kea pointed her first grouse... flushed many too! Holly got digital photo documentation. I saved up the 3 logs skidded in yesterday. Holly worked on mail receipts and did Janis Cabin budget checking. Found out, from Janell, that Mary Acker's health will not allow her to come back in. Changed sprinklers and pastured stock on the airstrip.

Tuesday, Aug. 12

Emailed w/ John B. about the trip in to wrap up Janis Cabin work. Holly went over the 3-job budget, she then emailed a summary to Lynne & Pam. I rewired the lawns. Tried to make the weather work but determined that the fuel line was broken... will send out tomorrow, hopefully w/ 8 bags of garbage left over from the students. The pup is demanding a lot of attention - many walks!

Weds. Aug. 13

Moved the stock and sprinklers off the strip early. Ray flew in shortly after. He brought in Josh to work with Javan and Laurie flew out. I worked on firewood... Chris did some splitting. Shovel 1 front 1 rear on Star. Holly continued calculating the Lewis Lodge expenses - <sup>-and worked on ACUC upgrade-</sup> to date. Ellen, Kara, and Cordell returned from the Big Cr. float. Sounds like they had some "issues" getting through the infamous rock garden downstream of Coxy Cr. No salmon carcasses were found. Visited John (email) on their trip to finish Lewis Cabin... all but deck.

Thurs. Aug. 14

Got up early and moved sprinklers. Ray flew in with John and Richard Burkobine, plus 3 dogs and supplies for the Lewis C. work. Later in the morning, McCall Air brought in 2 planes (206, Islander) and NOAA supplies for antennae overhaul. Ron Marx came in with electricians Gabriel and Bruce. Getting full of people again. After unloading firewood, Ron and I used the V-hoe and stoneboat to haul several loads of their supplies - mostly to the lower site. Holly wrapped up the ACUC revisions and emailed to Brad Williams.

Friday Aug 15

Very warm today so we (Ron M. & Ellen) took the chance to float down Big Cr... to the Gorge in inflatable canoes, looking for the speed-kump antennae's & possible salmon carcasses. I saddled up 4 head and went down to meet/pack them. We took in Soldier Run current back. Holly did several UI emails - Sue McM, Pam Hall, Jane Urb. Visited some with John and Richard and they came up for dinner. Determined from today's ride (16 miles) that I can't ride much with this hip. Sprinkler changes and grazed stock on the airstrip.

Sat. Aug. 16

Got an early start - moving stock and sprinklers. Got Ron set up with the backhoe and small bucket for digging the trench along the N. fence line (by bridge) for the fibre optics line running between

the 2 NOAA sites, 3 plane loads of people/supplies came in with the annual NOAA crew (J. Accord). The Burkenthines wrapped up their projects and Ray flew in after lunch and took them out. H. & I briefly took the 2 dogs swimming/fishing @ the Rush cr. hole. Mowed the lawn(s), mowed sprinklers and stock. NOAA guys worked on both up-down stream antennae... anchored with a "duck bill" Rod.

Sunday, Aug 17

Attempted to take the day off but had to live out Cordel and Kara & Ellen on work for lodging. Chris (F&G) started a post project but gave up(?). Ellen put another coat of finish on the new Lewis kitchen shelves. Cordel and Kara moved wood from compost-landing into our woodshed. Watched Olympics. Worked on PBS correspondence. Very hot today, 96°.

Monday, Aug 18

Ray flew in and took out Cordel, Kara, Ellen, and Chris - 2 flights, with the first 3 shuttled to Big cr. Call & Tyler flew in and Tyler took the 2 loaner horses back to the Root Ranch. Did the usual chores... which started before daylight w/ restoring the water electric. Holly went over/painted material to take to Moscow on Thurs. I did some emailing and took a couple hours off to make up for extra on the weekend - lots of "people contact." The NOAA guys had us over for the annual turkey feast. Holly collected lodging fees.

Tuesday, Aug 19

Went a day of flying... 13 flights! mostly associated with the NOAA crew going out... McColl Aviation. M.A. also brought in some FS folks, engineers from the region office inspected the Big & Cliff Cr. bridges. Holly flew out with Ray when Chris Jessica was brought in to run the screw trap, she (Holly) is taking Mica to the vet to treat skin problems (allergic outbreak). I did the usual TR chores and emails, also worked on my PBS history and Council Report... when not puppy sitting (dearnding).



Weds., Aug 20

I was up early doing chores - moving stock and by 8 am Walt flew in with the mail and 4 <sup>dog</sup> people... Holly (Mica), Jesse (Barney), Tyler, and a person heading to Root Ranch. Visited Tyler about various tasks and procedures for when we are gone. Prepared materials for Moscow trip tomorrow... on backhaul of Craig Eldredge being flown in by Interstate Av. Went over pup management w/ Jessica this evening. Tyler and I cleared some hazard tree on the orchard trail. Also cleared brush to improve dish ~~angle~~ <sup>visibility</sup> for satellites. Got packed to go out. Shot at a pack ~~rats~~ after dark on the outside wall... missed or grazed.

Thurs. Aug 21

A blustery morning, the Interstate plane made it to Orangeville and had to turn back... to stormy. We actually had some damaging wind by early afternoon, blew a dead cottonwood into the corral - breaking fence rails and leaving a big mess. Tyler and I took the bh and a chainsaw down and started clearing branches - sawing the tree into rounds. The bh quit and wouldn't restart... something electrical or gas flow? Holly did much printing of personal correspondence - job related. Jessica took "the beast" on a walk this evening - which both Ken and her enjoyed. The screw trap is picking up on fish #s - 50+ today.

Friday, Aug. 22

Tyler and I attempted to get the bh going - marooned in the corral. Holly did find the spare keys. Finally, we determined the issue was electrical, resolved that and using a key (as opposed to jacking) we got it going! Hauled many loads of rounds to the lab woodshed... split up several too. Tyler and I came up with 4 poles and we repaired the broken rails. Visited with Pam Bell about the meeting next week, sounds like we'll be getting a new supervisor assigned to us. A.H. flew in with Annie-June her mom Diane, and Tyler's folks - Dee and Bob. They all got situated here. They brought in their (Dee & Bob's) dog... a pit bull named "Digger".

Sat. Aug. 23

(off)

Not much happened today, usual routine of spiders, stack moving etc. Surprisingly we are still having power issues... so ran generator 2x. Holly and I took the dogs fishing. Tyler hiked downstream with his folks. Bob is really into fishing Big Cr, nothing like it in N. Mexico!

Sunday, Aug 24

Another weekend day. I got some gear ready for the Alaska trip in < 2 weeks! We had a potluck in the evening... A-J's mom Diane, A-J/Tyler, Jessica, Tyler's folks Dee & Bob, Javan's younger brother Jesse... but Javan worked late so didn't make it. Mica sick several x's in the late evening - night.

Monday, Aug. 25

Finalized schedule for the Moscow trip, went over material that we'll be presenting. Tyler and I hauled a corral pole from safe flat trail... where we want to look @ the building smoke plume, coming from the W. FK. of Rush Cr. Puppy management as usual. Amie-June compiled the water days for the year... > 1,100 again. Tyler mowed lawns - Homocher, Hr Loos, Lab & DeVlieg. Got ready to go out - for just 1<sup>st</sup> day, but much planning/preparing. Kea found a headless grouse in the yard this evening... she was very excited and possessive!

Tuesday, August 26

More mild weather today, with clear skies and slightly cooler temperatures. Jim and Holly flew out to Moscow today for some meetings. AA flew in the stove for the Arlo cabin and I installed it. Jessica, Dee, and Bob flew out on the back-haul. Power has been surprisingly high today (up to 29 in the afternoon), but an otherwise uneventful day. Amie-June took care of some more office work, Javan & Jessy took the day off, and I mowed the Taylor lawn & worked on our new stove (as well as the usual tasks). Mica was sick a few times in the afternoon and Kea is her usual rambunctious self. Holly and I met with Pam Bell to discuss tomorrow's meetings, Job Description, etc. We got together with faculty of the work, then spent the night with Krump's.

Weds, August 27

Holly and I met with Dean McLaughlin, Tim Goss, Pam Bell, Ed Krumpke, Darrell Stout to discuss TR future direction and chain of <sup>Director</sup> command for the near future... and to discuss, in part, our title, pay and job description. It was a fairly good/productive meeting (8 am to 1 pm). We flew back to TR, via Walt and A.A., left Pullman about 2:30 pm. Amie-June worked on summer-student billing - summer lodging and user-day calculations. Tyler worked on the corral gate and did the usual chores. Janna & Tara flew in today on the mail plane, Diane Brounble flew out; Janna & Tara spent the day on the screw trap then came up with A-J & Tyler for dessert/visiting.

Thurs., August 28

Had a skype visit with Jim Goss first thing (Holly, Amie-June, me) ... a good connection and discussed training trips, etc. Tyler replaced the valve on the waterline - airstrip. Then he and I attached the Lewis Cabin stove pipe installation, which we finally completed, along with installation of a stove pad and heat shield elevated away from the wall. Holly caught up on dozens of work emails and travel funding for the Rain's stn., and billing stuff with Amie-June. She also looked at finances of the DeVlieg block grant.

Fri., Aug. 29

Holly read over the Planning grant sent to us by Tim Goss. Tyler and I finished the cookstove detail at the Lewis Cabin. 3 female hikers stopped in enroute from S.B. to Big Cr., gave them a tour. A few hours later 2 guys (Bob & Larry) stopped in w/4 head of mules... coming downstream headed to S.B. vicinity. Holly made her flight arrangements for the OBFS mtg. in New York.

Sat. Aug 30

A day off. I packed for Alaska. Holly did work emails... for trips to NY in 3 weeks. Tyler hiked up the benches. A-J did office-billings.

I got Tamar checked out on using the Lewis cookstove - wood...  
suppose to really cool off soon. Evening visiting with Tyler and A-J  
on upcoming schedule and dog management. Tyler caught 2 woodrats  
- Arctomys & Neotoma.

Sunday, Aug. 31

Pretty stormy in the night. Tara reported some fish fry carcasses  
on the screw-trap box. Shot bows, went fishing, got ready to go to  
Alaska... & NY for Holly. Had a ~~big~~ potluck up at our cabin this  
evening, <sup>(even Tamar)</sup> everyone here came over - a good feed!

Monday, Sept. 1 (Labor Day)

It rained all night, 25 by morning. Holly, Tyler, A-J, and I  
took the dogs down to Rush cr. Did a little fishing but Big cr. is off  
color. Tara reported 5 sucker fry on the screw trap box so we set up  
a remote camera on the cone upright. Shot bows, liked to sagittat  
today. Saw snow on the ridges, < 7,000'! Did some house work, more  
prep. to go. Saw Larry and Bob go by with the 4 mules.

Tuesday, Sept. 2

Cold last night - 33°, almost frosted the tomatoes! Holly did  
more OBFs preparation and TR emails. She also worked with Anne-  
June on bibliography information, scheduling, etc. and data management  
... herbarium, climate data, demographic data and researcher meta-data.  
Tyler and I cross-cut sawed <sup>(felled)</sup> three trees just above the property  
line up Pioneer cr. Used the buckhoe to skid fir wood logs to the  
processing site by the compost pit. Tara saw the fish-thief, thinks  
it was a mink. Finished getting ready to fly to Alaska.

Wednesday, Sept. 3<sup>rd</sup> (entered by Tyler Morrison)

Warmer today, but still feeling more like autumn every day. Sent the  
August weather summary out today on Jim & Holly's plane/mail plane. They  
headed out for their trip to Alaska today (hope it's great fun & the weather is good).  
A-J puppy-sat and worked on email & herbarium labels most of the day. Tara is



putting some wood over the opening in the screw trap to try and keep "the fish-thief" out tonight. I worked more respect training with Star (went well) and she was easier to catch today (hopefully a trend). I also shut off the irrigation to the lower half of the main pasture (last of the irrigation) and Tara helped me rescue the steal-head fry that were in it. Tyler from Root Ranch came in ~7:30 tonight with 8 head of stock he's taking from The Flying B ~~out~~ up to Root Ranch. He had dinner with A-J+I, then we all called it a night.

Thursday, Sept. 4<sup>th</sup>

Tyler from Root Ranch got moving at first light and started down the trail just before 8. Cal flew in to help Tyler get started. He landed just after 7, and since I didn't know he was coming and Tyler's animals were still in the corral and tied outside of it our stock were still on the airstrip when he landed. It made me nervous, but things worked out alright. Ray flew in later to take Tara out and bring Shelly in. I did more respect training with Star, and interactions with the stock are going well. AJ worked on email correspondence and plant labels most of the day. She also saw about 30 head of stock with 5 riders headed up Big Cr. ~4 this afternoon (likely George Peters' group). I mowed the Taylor, Hornocker, and Dave Lewis lawns, and skinned a fence post this afternoon. Shelly's staying in the Taylor cabin to watch the dogs at night for a few days.

Friday, Sept. 5<sup>th</sup>

The mink is still getting into the screw trap at night. I helped Shelly put another wood barrier together for one more try before she starts live trapping. Javan actually took a day off and hiked up to Bear Trap Saddle. Amie-June worked on more plant labels today and I sunk that fence post behind the airstrip shed (big rock in the way slowed things down) and worked on patching the flat cart tires. Respect training with Star is still going well. Caught 3 wood rats last night (2 at Arlo's & 1 at Lewis cabin). That makes 13 at Arlo's cabin so far. Where are they coming from!?

Saturday, Sept. 6<sup>th</sup>

It was cloudy late this morning, but no rain. Amie-June worked on plant labels again today. Shelly said there was no evidence of the mink getting into the screw trap last night, so hopefully the wood barrier is working. I skipped respect training with Star this morning and then she was problematic to catch for the first time in a while. So I'll be sure to train with her each day until Jim & Holly get back. I changed the water heater propain at Arlo's (that lasted a lot longer than I expected). All-in-all a quiet day.

Sunday, Sept. 7<sup>th</sup>

Clear and calm again with moderate temperatures today. I ~~did~~ Star wasn't perfect, but did much better being caught today. A mink-free night at the screw trap again. The mules crossed Big Cr. to the N pasture ~~too~~ at dusk but came right back to the airstrip when I called them. Otherwise a ~~was~~ normal day.

Monday, Sept. 8<sup>th</sup>

Lots of people through here today. Aaron, the backcountry ranger stationed at Cabin Cr., was in the area doing trail clearing and other work so he stopped in for a while this morning. He said there's lots of activity at Cabin Cr. now that hunting season has begun. A crew of two passed by to do spraying and weed work down stream. George Peters, a local outfitter, was in the area checking out his old camp and stopped in to introduce himself. Tim arrived with 2 horses and a mule in early afternoon. Amie-June flew out today for her ecological data management conference. Javan took the day off and Shelly hiked to Cabin Cr. & back this afternoon.

Tuesday, Sept 9<sup>th</sup>

It was overcast this afternoon, but still no rain. Tim headed out for the Flying B at 8 this morning (and on to Root Pistol Cr. tomorrow). I finished working on the cart tires & started on a cover for the shelves outside of the shop. A helicopter flew the river doing salmon work. They landed here and refueled. They said they are planning to fly Rush Cr. tomorrow, but had to head back to ~~they~~ the flying B to replace a ballbearing of some kind. Ron (the pilot) and his passenger said

they saw very little salmon sign so far. I got the impression they were working for the forest service, but they didn't say one way or the other.

Wednesday, Sept. 10<sup>th</sup>

Dustin from McCall Air flew the NOAA Nutrition crew in early this morning. The crew had one of the girls from their last trip (I never caught her name) and two new guys (Zack & Shawn). The mail plane got here at 2 PM just after the winds picked up for the afternoon. Ray took Ellen to 11 other stops on the mail route before dropping her off here. Ellen headed down stream in the afternoon and found 3 salmon carcasses to process. I spent most of the day running around doing smaller chores, but did manage to get the wooden carts tuned up. I also caught another 2 woodrats behind Arlo's last night (we're up to 17 at Arlo's alone this season).

Thursday, Sept. 11<sup>th</sup>

Ray dropped off Chris and picked up Shelly this morning (originally scheduled for noon, but Ray changed things on a whim yesterday afternoon). Dustin flew back in to pick up the NOAA crew at 5 this evening. They weren't ready when he got here so there was some waiting around while they gathered their gear and Dustin made himself at home in the mean time. Unfortunately I caught a skunk in one of the woodrat traps by the Lewis cabin last night (I felt really bad about that). I finished the roof over the outside shop shelves, and respect training with Star is going better each day. Ellen has taken over the puppy care and Kea has behaved very well so far.

Friday, Sept. 12<sup>th</sup>

We had some ice around the sprinklers this morning, but no heavy frost yet. The fish in the screw trap are still few in numbers. We had a big pulse of up to +100 per day after our last rain, but they've tapered off and stayed low since then. I replaced the bottom of the corral feed bin and burned some of the woodrat carcasses that have been piling up (they haven't been carried off for some reason). Ellen searched up Rush Cr. for salmon carcasses and found 2 at the mouth of Rush Cr.

Saturday, Sept. 13<sup>th</sup>

Yet another clear sunny day. I caught another 2 woodrats behind Arlo's last night (up to 19 now). Ellen headed up to Cabin Cr. This morning to meet Brian Kennedy and his class as they come downstream. Brian's group of 7 showed up about dark (fortunately it was a full moon and very bright out). Calla & Christen were part of the group and seemed happy to be back again. Jim & Holly tried to call in the evening and we battled with Skype for a while before resorting to email.

Sunday, Sept. 14<sup>th</sup>

Most people spent today recovering from their adventures. Javan took a well deserved day off (and is finally finished with his track tubes), spending most of it studying for his classes. Brian's group had some long days & short nights on their trip, so they mostly relaxed. Although Brian & Chris floated down to the Gorge in the afternoon looking for more salmon carcasses. Kennedy's group put together a barbecue in the evening.

Monday, Sept. 15<sup>th</sup>

Bat, Bird, and Penny crossed Big Cr. last night and were in the north pasture this morning. They got in through a place where the electric fence had been knocked down, then couldn't seem to remember how to get out. I retrieved them and repaired the fence before Ray arrived to fly Brian Kennedy's group to Big Cr. (it took 2 shuttles & all went well). I mowed the Taylor & Arlo lawns, then repaired the mower's pull cord after it broke.

Tuesday, Sept. 16<sup>th</sup>

Another rather quiet day. The screw trap continues to have very few fish each day so Chris has had a lot of spare time. He used one of Brian Kennedy's boats to float down stream again this afternoon. I fixed up & ~~all~~ elevated the wood platform behind the Dave Lewis cabin & installed it in the east side of the corrals shed to store cubes on. ~~But~~ I also re-installed the stove in the shop for the upcoming cold. Ellen and the puppies continue to get along wonderfully.



Wednesday, Sept. 17<sup>th</sup>

A little smokey in the canyon bottoms first thing this morning, but it cleared up quickly. Amie-June flew back in and Ellen flew out on the mail plane. I worked on little tasks in the morning while waiting for the plane, then took the afternoon off. We saw a hiker head down stream with a fishing pole & no pack, so he must be based somewhere near by. Still no sign of bears yet. Socialized with Javan over cake in the evening. Chuck Peterson didn't make it in this evening but should fly in tomorrow afternoon.

Thursday, Sept. 18<sup>th</sup>

Walt flew Tara in this morning to trade out with Chris. Although Chris flew out a few hours later when Ray stopped by to pick him up. I spent much of the day working on indoor tasks, but did manage to get the lab gate shored up in the afternoon. A ~~gea~~ man named Johnathan who is planning to go bow-hunting for big horn sheep came through today with his hiking partner Chris. The two later headed up to the stove camp up Pioneer, where they plan on staying until they fly out of Soldier Bar on Sunday. Chuck Peterson did finally make it in this evening around 7:30. Amie-June spent the day working on office ~~correspond~~ correspondence.

Friday, Sept. 19<sup>th</sup>

Not much to report today. Amie-June worked on scheduling and bills while I focused on the ACU training for most of today. We had a river guide hike up from the Middle fork to visit (Aaron Beck). He liked the place a great deal, and he was really into Cougar Dave and the history of this place (he loved the PL cabin!). He was disappointed to have missed Jim & Holly, but hopes to be back at some point in the future.

Saturday, Sept. 20<sup>th</sup>

We had lots of rain this afternoon and it's nice to finally have some moisture. Bird started acting a bit wild again so I did some respect training with her. Javan & Chuck did a few more snake surgeries. A quiet day otherwise.

Sunday, Sept. 21<sup>st</sup>

There must have been a blow-out upstream somewhere since Big Cr. was a bluish-green with a bit of ~~milky~~ milkyness this morning. Numbers are up at the screw trap today (Jara tagged 99 fish today). Chuck Peterson flew out this evening, but Amie-June had a chance to interview him about his research & data before he left. Chris & Johnathan passed through again on their way out this afternoon. Kea has been surprisingly good today (I think she & KeaMica will be thrilled to have Jim & Holly back tomorrow).

Monday, Sept. 22<sup>nd</sup>

It was wet and cool enough that I was finally able to get the Arlo burn pile taken care of. I also mowed the Taylor lawn & ran the weed eater at Arlo's, as well as a number of smaller projects/tasks. Amie-June worked on notes and a write up from the conference. We had a strong but short storm this evening, which canceled Jim & Holly's flight in until tomorrow. The power went out in the evening when the load jumped up to 13 for some reason (no one was doing anything to create a heavy drain, so I'm not sure what the cause was). Kea's had tons of energy this evening and has been running laps around the cabin's interior. We were in Cascade @ 6pm to fly in but the weather wouldn't allow for it... stayed w/ Schlegel's.

Tuesday, Sept. 23

Foggy this am in Cascade so had to wait to fly in. Ray flew us in with a big load of supplies. Got caught up on the latest activities/stories w/ Tyler and A-J and put things away. Beau from the B (Root R.) showed up late afternoon with 8 head loaded to "the B." He said this "rough string" gave him problems in Crooked Cr. Also today the FS had multiple flights to remove the firefighting gear. Tyler used the bk to move the heavier equipment. A-J did Taylor laundry and worked on recent billings. Jara said the fish #'s are up - including 100 fish in the trap. Tried to get caught up on activities @ TR after 3 wks in Alaska!

Weds., Sept. 24

The mail plane came and went... bringing in the rest of our groceries etc. Tyler worked on the ACUC. We (H&I) met with Annie-Jane & Tyler to go over the informatics conference that A-J attended. Earlier this am, Cal flew in to see Beau off... and bring him food. We all did building clean-up in preparation for tomorrow's visit by Jim Boss and Jack McIver (Vice Pres. - Research @ UT)

Thurs., Sept. 25

Ray flew in with Jim Boss, Jack McIver, and Laurie J (F&B) mid-morning. After Jim & Jack settled in, Laurie worked the screw trap and described the "operation". We then turned Jack and Jim around the facility. In the afternoon we visited regarding Annie-Jane's informatics training and application to Taylor. A-J did a nice outline of the training and described. Had a BBQ using the <sup>custom</sup> sausage that Jim brought in. <sup>Jessie & wife Yvonne</sup> stopped by after shooting big 6 pt. <sup>Cliff & I</sup> cleaned then some food/water.

Friday, Sept. 26

Visited with Jim and Jack about the UT - USFS MOW and made edits. Also talked about the place name change "Taylor wilderness Research station" and change of roles... H&I as station directors and working with Jim & B. to form directional leadership. Also talked about staffing needs involving Tyler & A-J. A-J worked on plant labels today when not meeting with us. Tyler changed the lab propane and did several smaller chores. Had BBQ'd elk steaks tonight. A-J did Rock collection #'s/labels.

Sat., Sept. 27<sup>th</sup>

Visited more with Jim and Jack, this time on facility needs - an office building, improvement to Arlows (major remodeling), and the sewage disposal facility. Ray came in late morning to take out Jim & Jack, and he brought in the new propane Range for the Lewis Lodge. We all took the afternoon off. Holly is coming down with a nasty cold... those darn airport terminals!

Sunday, Sept. 28

Tyler and I headed up Pioneer Cr. early to see if we could hear a bull elk bogle (we w/bow too). Holly pretty much "under the weather." Speaking of which, the down NY cold bug caught up with me too!... a pretty miserable night in camp. Annie-June did the stock chores at Taylor... and checked the traps for rodents and water intake. We still have a woodrat inside the DeVlieg - very annoying.

Monday, Sept. 29

Tyler and I came back down Pioneer Cr., clearing poles and small trees, got most of them. I'm feeling pretty puny with this cold. Holly restored the inbox to our outlook express program. Annie-June worked on plant labels for the herbarium, and she did Tyler's chores in his absence. A standard Blue-Jay has been around the place lately.

Tuesday, Sept. 30

Ray flew in and took out Laurie. Tyler took the day off. Emailed back and forth w/ Janet Pope on DeVlieg Foundation info. for her upcoming board meeting. Jaron Re-upped his vice presidency in the hiking club by scaling Horse Mtn, Nose Lewis Pk, and the 2<sup>nd</sup> bench. We all had ice cream to celebrate his hiking feat. Used the smoker for salmon.

Weds., Oct 1<sup>st</sup>

Jaron got ready to fly/move out. Annie-June worked up his lodging bill - a new record! Ray flew in with Sholky and the mail, Jaron flew out. Tyler installed the Janis C. stove. He picked up sprinkler and hoses - I helped with the backhoe and then narrowed the "poopy" parts of the airstrip. Holly worked up travel and coordinated w/ AJ on lodging bills. Holly sent reminder to interns about Clara's letter/photo album. She also visited Jaron about his external funding sources... to start getting a list ready for the Dean on all projects. Very warm day. <sup>pked. snowed</sup> <sub>Salmon</sub>



Thurs., Oct. 2<sup>nd</sup>

Oregon friend Bill Ables flew in to visit with his vintage 1952 170 Cessna. Toured him around the facility and he left late morning. Emailed about advisory meeting in late Oct. Got material ready for the group coming in next week. I sawed and split <sup>fire</sup>wood. Tyler mowed a couple yards. A-J wrote up spreadsheet on TR research funding - Holly reviewed. Took Kooper several walks. Watched VP debate. <sup>Sheep huckers - Jonathan & Ed</sup> stopped by @ clerk.

Friday, Oct 3<sup>rd</sup>

Continued getting ready for the group next week... emails w/ Bill M. and Jim B. on planning. Helped Tyler put away hoses. Split more firewood - moved some (cooks stove wood) to the cabin pile. Emailed my moose hunting story and emailed on PBS <sup>edit</sup> ad. Holly and Annie-Jane worked mine on research funding list. Met with A-J and Tyler to go over the schedule for next week and their involvement with the group. Visited with Jonathan & Ed about trails up Cliff Cr... old outfitter camp & horse Mtn. access. Shelly trying to live-trap the marauding mink @ the screw trap.

Sat. Oct. 4

Holly picked pears and canned several jars of pear sauce. We went fishing @ Rush Cr. with both dogs. A-J & Tyler fished downstream. Shelly was the only one officially working today. Hunters Jonathan & Ed up Cliff Cr. today. Supposed to be stormy today, not bad though.

Sunday, Oct. 5

Took the best (Kia) for a walk to Rush Cr. Did some shoeing - all of Kat and front on Bink. Kat had to have her rear feet tied back... to the backhoe. Moved 6 bags of cubes from storage to corral shed. Picked pears and apples as a bear has shown up. A-J did some thinking.

Monday, Oct. 6

The NSF planning group came in today (Islander full), but first (morning) the advance crew came in... Dean Bill McLaughlin, Jim Goss, and Art McKee from



Thurs. Oct. 9

A fairly normal day that turned tense by late afternoon. Zack finished up the RAWS set-up and waited for AA to come in. Holly and Zack visited about fire & wildlife research ... opportunities with existing data. I worked on fire wood... then burning. Tyler prepared a fence post and burned piece(s) by the Lewis Cabin. Ray came in @ 2pm taking out Zack and Chris' Dad - Dave. Tyler and I made a new wood round stand for the anvil. At 3pm I started burning the slash pile by our burn barrel. I used a bucket and doused the grass/debris on the south & east sides of the pile. After letting the pile burn down, I went inside to use the bathroom and visit Holly about some work emails. Fifteen minutes later I stepped outside to see the hell (south) on fire!! Called on the radio for help and we all ran out to the fire edge... Holly & Tyler protecting the new RAWS station, Chris, Anne-June, and I worked the west side, actually Chris and Tyler converged at the top of the burning slope. After 20 mins we had the thing contained ... about 1 acre burned. Excitement we didn't need! Holly made a salmon dinner for everyone (a <sup>very</sup> good fire response by all.)

Friday, Oct. 10

A much more mellow day-off. Anne-June took the day off after yesterday's trauma. Tyler & I cautiously (w/ hose) burned the pile west of the corral shed. Tyler caught 2 woodrats last night @ ARWOS. Holly worked on billing issues w/ Arnold's. I went over the Lewis Cabin completion list... and mailed a suggested Job #4 contract to John B. Also communicated with Pam Bell on Lewis completion. <sup>Toni Ed stopped by after House was sked out - lots of stories.</sup>

Sat. Oct. 11

I hiked up to the Rock Wall with Jonathan... Ed also, but a local of us deer hunting. A-J found an elk carcass up @ HCR (hunter killed), and she, Tyler, and Holly back tracked the skid trail 1,000' up Horse Mtn. Had Toni & Ed over for dinner. Took the day off - generally. Oh ye, Jonathan & Ed (primarily) saw 8 grey wolves @ the Rock wall.

Sun. Oct. 12

Saw off Jonathan and Ed, backpacking to S.B. to fly out. Holly and I spent most of the day putting away/pulling out (re-organizing) camp gear. Everyone else pretty much took the day off around here. Cold today. Chris came over to watch football and later found out his girlfriend had a wreck - hit some deer.

Mon. Oct. 13

Did UI mails this morning on Lewis Cabin work left and job description matters. Walt flew in @ 11 am with Cheryl Brum and Noah (nephew). Chris flew out early to see his girl friend. Tyler replaced the shop-fence gate post. A-J worked on the plant collection and made a detailed map of Arlows.

Tues. Oct. 14

Noah and I headed up to El Pinner Cr. camp early - elk hunting. Holly and Cheryl rode up Cliff Cr. to the ridgetop... Peary escaped and followed all the way up! Tyler reported that the hydro. was out - suspects brushes being out. He took down the N. pasture fence too. A-J continued her jobs - billings, herbarium details, etc. A total full moon tonight! Tara flew in to work the screw trap.

Wed. Oct. 15

Noah and I lifted to 8,700' in pursuit of elk... until the snowstorm drove us back down. Walt made it in w/ friend Dale Brum... just before the snow hit. Holly and Cheryl did some baking - took the day off. Noah and I were back to TR by 2:00 pm. Holly coached Tyler through a repair of the hydro. brushes. It actually snowed - sticking, Orono to TR. Wolves howled late in the night in lower Cliff Cr.



Thurs. Oct. 16

Tyler and I visited about winterizing tasks. Tyler made and "almost" installed the DeVlieg - stream bladder. He ran in to glaciers with the tightness-of-fit due to the increased electric & water and no space to work. I sent several HF emails - Pam Bell, <sup>50 up - photos</sup> Jane Grubbska, <sup>Bill Mc. on planning group books.</sup> etc. A. A. Maron from the FS-Cabin Cr. stopped by to visit. Holly worked with Annie-June on billings and she verified w/ Brad Williams on over ACUC permits.

Friday, Oct. 17<sup>th</sup>

Jim and Noah headed up Pioneer Rd. hunting. Holly, Dale, Cheryl packed up gear to head up Cliff Cr., which they did late afternoon. Tyler drained the airstrip irrig., repaired the coral feed bin, and stored away "freezable items" in the shop. Jim & Noah back this evening. Annie-June did drift maneuvers for the Lewis Lodge and Hornocker Cabin.

Sat., Oct. 18<sup>th</sup>

Spent <sup>-1/2 the-</sup> a day @ TR, catching up on emails and putting up joints from steep elk hunting. Holly, Dale, Cheryl still up on ridge <sup>with stock</sup>. In the pm Noah helped me move several loads of firewood from the log landing to the Taylor woodshed. Tyler and Annie-June stayed around TR.. garden clean up, day off etc. 3 mules stuck in a boggy spring @ Cliff Creek - Bat for <sup>in</sup> 30 minutes before she struggled free off a log!

Sun. Oct 19<sup>th</sup>

A bit foggy this morning. Noah and I went hunting downstream and got into a couple elk south of Big Cr. Noah & I ended up cleaning and hanging a Gpt. Bull that he shot!... his first elk. We returned to TR late afternoon. I made a stew for everyone and Holly and the Borums returned shortly after dark.

Mon. Oct 20<sup>th</sup>

Split and stacked wood, as did Tara and Will for lodging. Caught up on some emails, cleaned and put away camp/hunting gear.

Tyler boomed the hawk at the Pioneer Cr. landing. A-J worked on the plant collection. Just before dark Janice and <sup>130</sup>Beane brought 2 strings down from the Root Ranch... Cal had flown feed in this morning. The big activity for Holly, Noah, and me was packing home Noah's elk using 4 mules - which went fairly well. We had a potluck BBQ in the evening... and stored Janice the renovated cabin... which she did demo. on last Dec. w/ Kaleb Gibson.

Tues., Oct. 21

Got up early and made breakfast for the Root crew. Cal & Kaleb flew in shortly after daybreak. Also stored Kaleb the Lewis Cabin - which he really liked. Dale went upstream (Pioneer cr.) and I followed with a saw and cut out 7 or 8 logs. Holly helped Noah skinning his elk head. Tyler continued winterizing tasks and A-J worked on the plant collection and admin details. Wolves howled on 1st bench/pasture at 6 AM.

Weds., Oct. 22

Cleaned up Noah's elk to go out on the mail plane. Walt came late morning. Holly got caught up on emails and read the Dean's write up on the faculty/staff retreat & strategic plan & by laws. Tyler, Dale, & I used the backhoe and arches to move 4 cottonwood trees from the S. side of the airstrip to the eroded bank on the west end of the airstrip. We used cable/cable clamps to attach the trees to the end of the gabion wall... which has broken/spilled rock. Ate some of Noah's elk steaks for dinner - very good!

Thurs., Oct. 23

Dale came upon an interesting scene this morning - a wounded Raptor in Big Cr. that had been attacked/paralyzed by wolves. He went ahead and tagged it after dispatching it. We used bird in harness to skid the carcass out of the water and onto a gravel bar. Used Kat and Penny to pack the elk home. Holly and Cheryl rode up Pioneer cr. to the forks then hiked to the top of E. Pioneer Cr. Rd. Noah and I hiked up Pioneer Cr. and retrieved the 2 riding animals. Tami & Will flew out and Shelley flew in today.

Friday, Oct. 24

Ray flew in and took out Cheryl, Noah and camp gear... and a lot of garbage from the airstrip shed. I helped Tyler put the DeVlieg wheel out into place, actually it took 3 of us - Dale too, to pry, lever, and insert the T piece... using hot water on components. I visited with Amie June about the operation manuals per bldg. Holly and A-J visited about information management & her visit next week with the UI librarian. A-J wrapped up the plant collection work for this fall. Heard wolves howl in the night.

Sat. Oct. 25

I put together Nov. hunting camp - 4 made loads. Dale & I went fishing until my rod broke... actually cracked at the first joint. Repaired with epoxy. Caught up on PBS emails. Tyler made pumpkin soup, Holly made beer bread and we had a feast... w/ A-J/Tyler and Shelley.

Sunday Oct. 26

Holly, Dale, and I packed up the stock and went up Pinner CR. Dale and I set up camp while Holly went hunting. Brought the stock back before dark. Tyler and Amie June are getting packed up now. Shelly lined oiled the duplex and most of the corral shed.

Mon., Oct. 27

Tyler made the DeVlieg-line stream bleed-out box. A-J installed End note on her computer and worked on citations. Holly returned from hunting camp. Used the bh to move slabs of concrete to stabilize the stream wall. Tyler and I put some log slabs into place. Dale cut up his elk hind half. Ray flew in and took out Shelley today. Grilled elk steaks for dinner - yum!

Tues. Oct. 28

I worked w/ Tyler to finish draining/winterizing the lab and DeVlieg cabins. Worked on exit interview comments for A-J and Tyler. Dale cut up front 1/2 of his elk. Holly caught up on

(Holly visited J. Bosz extensively on upgrading our Hygroset system) work emails. Walt flew in with Chris to operate the screw trap. A-J did remaining TR laundry. I emailed Oz Garton a boat having a TR field trip associated with his Wildlife monitoring in w. Kenness class - which would be in mid-Mar.

Weds. Oct 29

Holly worked on the past TR student lists and sent Lori M. some processed receipts. Tyler and I went over jobs left to do this fall. We did exit interviews of both Tyler and Anne-Jane. A-J cleaned up the office and the both worked on their cabin cleaning. Tyler had to reconstruct the N. DeVlieg fence line after the stock "broke it." Had a potluck dinner and Chris came over for cinnamon rolls and watching the last game of the World Series.

Thurs. Oct 30

Visited movie with Tyler and A-J on Dec. schedules and possible spring activities/tasks. Ray flew in late morning and took out A-J and Tyler. Thurs. Holly went up to the camp after doing work emails... and her travel reimburse from the NY trip. She also emailed Bill M. and Jim B. on TR connection to UI planning process. Did a bunch of laundry - UI and personal. Worked on stopping the hydro. leak... now pretty on leaking jet. Did chores.

Friday, Oct 31 (Halloween)

After the morning chores I worked on many work emails. In the afternoon Chris and I moved cookhouse foundation slabs into the badly eroded spot at the W. end of the airstrip... using the backhoe. Holly came back down from the camp... ending her Oct. hunting for deer/elk. Chris began accumulating rocks and small trees to fill in more on the eroded pocket. I did saddle repair on Broad pack saddle (breast collar) and my Billy Cook (breakaway mainline).



Sat. Nov. 1

I headed up Pioneer Cr. to camp. Did some trail work at the third crossing... cut out roots, moved rocks. Did a lot of camp chores... unreasonably warm for this date

Sunday Nov. 2

I came back down from camp in a heavy rain. After drying out, we worked on house cleaning. Holly baked cookies too. She also spent a couple hours doing finish cleaning in the lab and DeVlieg Cabins. There was a mess in the lab freezer (thawed) and a lot of food left there. Had Chris over for dinner and visiting... and football watching. Holly sent Neil Olson the data logger info.

Monday, Nov. 3

Holly and I worked on our job description "criteria". She also wrote up a press release about the new RAWS station. Chris and I used the bh to move birch logs and 7 loader loads of rock to the erosion control place - W end of airstrip. Holly attempted to download/install a new portable hard drive, which failed. She had to use compressed air on the computer as it kept shutting down. Watched 3 hunters backpack down the benches - with 2 buck heads and it looks like heavy loads of meat etc.

Tues., Nov. 4 (election day)

Worked on a variety of things today, for starters (after obvious) we composed the email to Dean Bill M. about our job description revision and needs. Holly transferred files from the computer onto portable hard drives. She also finalized a story-description to Sue McManis about the new RAWS stn. I compiled photos and descriptions of Aulons and emailed to Craig Eldredge. Set up remote camera w/ elk boxes from Dales elk west of L. Rush Cr. Checked in on election results, looks like B. Obama will be the next President! Holly wrote a thank you letter to Mary Ackers for her dinner support on the Lewis lodge.

Weds. Nov. 5

Took care of mail day - mail prior to the plane coming in. Feb folks did their exchange - Chris <sup>out</sup> for Tara - in. Holly spent the day on computer, organizing longterm files. Jim went up to his camp and spent the night... lots of rain late.

Thurs. Nov. 6

Holly wrote <sup>sent out the</sup> paragraph about the RAWS stn. - to Sue M. Jim returned from his camp - very wet. I cleared leaves off the water intake screens - at max. leaf load right now. Holly did more computer file organizing. Did other usual fall chores. Wrote a list of computer / wireless needs for Jory's trip.

Friday, Nov. 7

(Holly)  
Emailed on many topics: NOAA power, Neil Olson's stream gauge collection, Jane Urbaska, <sup>-melly donor</sup> Jim Gosz / Scott Ackers on engineering trip. I emailed Howard Q. and Toni R. to rekindle working on the Indianapolis Award for Maurice Hrnocker; and Bill Messner on the Resending the results of the last safety inspection... which he did. Friends Robin, Ricky, and Hardy came in late in the day. Had a big dinner to celebrate before heading off hunting. Shut down Solar power to NOAA antennas - poor production.

Sat. Nov. 8

I went with Jim & crew to take gear up to the camp, then returned home with the stock on my own - no big glitches. Tara & I had dinner together. We both did some cooking.

Sunday Nov 9

I made several batches of applesauce and canned it; also made apple crisp. Jon Hunter's crew was supposed to arrive today, but will be here tomorrow. Jim came down from hunting camp to visit them. Laundry day. Weather has been exceptionally mild lately - not even freezing overnight! Amber <sup>Brown</sup> from FS hiked down from Cabin Cr to check on hunters at Soldier Bar - something we have encouraged the FS to do for years - it's a first for Nov FS. We invited Amber to spend 2 nights here while working the area.

Monday Nov 10

We both reviewed / edited materials for Maurice Hornocker Indianapolis Award submission from HQ. Email coordinated multiple UI, IDEG, Hughesnet, ISU trips for this month. Responded to UI ACUC info request and Hughesnet (new contract) details, Renan's TWS reference request. Power went out and I discovered the intake perforated plates were offset allowing leaves & debris to plug pipe intake screen — it needs a major fix before winter. Marshall Haynes flew in to meet up with Jon Hunter & Kris Keller who are doing game warden work + hunting. Jon & Kris arrived at dusk from Rush Cr w/ 7 head of horses. Jon, Kris, Marshall, Tara, Amber, and I had a potluck dinner together. Oh, I accidentally scared off some hunters when calling the dogs from tracking them — "What did we do wrong?" "Do we need to come down there?"

Tuesday Nov 11 Veterans Day

Cooked breakfast (burritos) for Jon's crew and saw them off. Lots of correspondence — McLaughlin on annual report data, Joe Harper <sup>thanks</sup> on FS coverage in Nov, scheduling Isaac & Bjornen for caretaking, Nov visitors. Checked cabins for next visitors & turned on gas. Jim came back from hunting in AM. We discussed potential changes for TR management, in light of new financial constraints at UI due to stock market / economy collapse, and discussed UI President's Report — Request for Innovation. Amber returned to Cabin Cr (8 camps @ Soldier Bar, 12 @ Cabin Cr.)

Wednesday Nov 12

No mail day today — rain & low clouds in Cascade, flyable here — as usual. No screw trap pulled today since Kim & Laurie couldn't get in and Neil Olsen couldn't either. I temporarily turned the power on to NOAA system so Bill could upload data. Tara started screw trap disassembly. We had dinner together. I edited & completed the Monumental Park summer reproduction report and sent it to NP Tribe. Reset camera and rebaited carnivore monitoring station. Calla sent photo album to Clara Bleak.

Thursday Nov 13

Lots of flying - Neil Olson, ISU grad student flew in to remove his stream temperature gauges and measure discharge on his research tributaries. Kim, Laurie, and son Cody flew in to winterize the screw trap with Tara. They pulled the fish storage tank off the trap, across Big Creek and to the shop and sent the cleaning drum to Salmon for repairs. Kim & I discussed problems with screw trap operation this year and ideas for next year. I emailed Brian Kennedy on assessment of Kristen Pilcher for our undergrad research program for a fish project and also an email about a UT-IDFG MOU coordination meeting in January. Jim A is on vacation time all this week - hunting with his recurve. Kim & Laurie put on a nice dinner for us to celebrate the screw trap season end & a thank you on coordination. Wolves howled on the benches at midnight. B319 present. Tara came over to visit & say bye in pm.

Friday Nov 14

→ & access to screw trap data by others <sup>@ streamnet.org</sup>

Talked to Kim more about hiring a tech for fish screw trap next summer and how we might integrate Tyler - our asst manager. Kim, Laurie, Cody, and Tara flew out - screw trap is dismantled and all equipment stored for winter. Jim & Hanley came down from camp for dinner & we invited Neil. Pulled hydro information from our files for Sunday discussion on power enhancement.

Saturday Nov 15.

Jim & Hanley went back up to the camp, then they and Robin & Ricker returned to TR. I spent the day cooking & laundry. I cooked the Halloween pumpkin & blended the puree - Tara inspired me; made a pumpkin pie and 2 pumpkin bread loaves. Robin shot a buck yesterday. Cal Henry stopped by to visit & bring food for the Rod Ranch trail out of stock next week.



Sunday Nov 16

Robin & Rickey packed camp gear down. Hanley flew out. Jim G, Herb Hess, electr eng. prof and student Jared flew in for a show-me trip and discussion about our power needs, limitations, and idea generating. I spent the day with them assessing options & touring <sup>Ecofriendly pump/unbreed</sup> sites. A student crew will likely develop an energy plan for Taylor — increasing production (solar favored by me & Jim), minimizing impact (wilderness, local visuals), and combining with existing power in a simple design — we are not asking for much! They flew out to Cascade late afternoon. I emailed our Campbell Scientific hourly weather data to Herb to assess hours of winter sunshine (solar radiation) per day and temperatures. Robin & Rickey & Jim used the backhoe to move rocks & logs to an eroded pocket off the west end of the airstrip — long term airstrip stabilization.

Monday Nov 17

Rickey helped me with water intake winterizing <sup>4 hrs</sup> maintenance and emergency repair on intake plates. Used the trash pump to clear as much sediment <sup>& leaves</sup> as possible from 24" culvert pipe. The perforated plates in Pioneer Creek had warped from rocks wedging between the plates and the base allowing leaves & rocks over 1" diameter to settle into the intake culvert. I used wire to "sew" the plates to the base angle iron and attached a rubber flap to the downstream edge to prevent recurrence. Rebuilt the wood (temporary) dam at intake plates. High water has significantly eroded rocks (2' deep) from below intake culvert due to active streambed cutting — this will require deposit of a lot of very large rocks to slow erosion. Jim & I both submitted new edits on the Hornocker Award nomination letter. Jim & Robin & mules packed the camp down.

Tuesday Nov 18

A Busy day with 4+ flights. Darrell Stout, ENR personnel and Dan <sup>Murray</sup> the Hughesnet Internet installer flew in first, then Isaac & Bjornen to caretake and Laurie for the IDFG Screw trap. Ray picked up the Salmon fish screens techs <sup>Jim & Harvey</sup> and the screw trap cleaning drum from Salmon then back to Taylor to reassemble the fish holding tank & cleaning drum. Ray stayed until everyone was done working - back to Salmon then to Cascade with Laurie, Darrell, & Dan and some of our gear for tomorrow. Jim & I visited with Darrell about our job description & pay, and LI & CNR response to budget cut requirements, and funding for Tyler & Amie-June. Dan got the Hughesnet HN9000 new antenna (dish) and software working, but we will have a temporary glitch when our old email address is terminated and before we can activate it on the new account. I spent the rest of the day on this email fix and setting up the new account. I made sandwiches for Ray, Dan, and Jack. Rickey spent the morning pruning shrubs (invasive lilacs) from around the satellite dishes and cabin walls - to improve reception and decrease fire danger to cabin. Jack Walker, Big Gr landed to say hi & visit - nice to catch up after 2 years. Dinner with Robin & Rickey & Bjornen & Isaac.

Wednesday, Nov 19th

Walt Arrived 9<sup>00</sup> ish(?) - Jim, Holly, Rickey, Robin & Lea departed for Cascade. One woodrat caught upstairs in Devil's Cabin. Bjornen & I move to main cabin. Notice Penny is put on the hill East of TR - Chase her back in. Put hay cubes from Cascade in shed, walk to Remote Camera on Rush Crk - appears to be off. Shift batteries around & reset. Walk back via sagebrush flats. Cook roast and dinner prep for Foot Ranch guides - take TR stock down to airstrip. Foot Ranch guides (Caleb, Bo & Tyler) arrive - Bird Bat & Cricket cross Big Creek - I go fetch mules - they swim back to airstrip. Good dinner & talk with guides - outfitting, hunting, wolves, etc

etc. Real nice guys. Roast was good! Cookies for dessert!

Thursday, Nov. 20<sup>th</sup>

Up early, make coffee + breakfast for Post Road Guides. Bo has a bad head cold and doesn't want to ride, Cal flies in w/ Janice + Bo flies out w/ Cal. Enjoyed all the folks greatly - very nice and good company. Hiked up to 3<sup>rd</sup> Bench, saw ~14 ewes + one smaller ram. Hiked up Rush Ck a short ways, Beaver Dam is out (long time likely), saw a golden eagle and 12 ewes on the top of the slope west of mouth of Rush Ck. Butterflies seem to be dead on Remick Camera, but doesn't look like any animals have been there lately. Talked to Jim A in Baker on Skype tonight. Bjorn made homemade Macaroni + cheese, and we listened to Bluegrass on the satellite. Very warm (45°F) and off and on rain. Penny has been jumping the buck rail fence often - she usually jumps back in as soon as you holler at her, then comes walking up to you with a huge guilty grin on her face. The other stock watches her maneuvers with appearing jealousy! No new woodrat activity in Devil's Cabin today. Bjorn + I are enjoying our stay very much - It's always nice to check out in Big Creek, and check back into the real life, the real world --- real living!

Friday, Nov. 21<sup>st</sup>

We hear rain during the night, and wake to snow (just a dusting) on the benches. Take the camera for a pre-breakfast frosty hike around Sagebrush flats. Not much activity. Back to cabin for breakfast of leftover Sausage and eggs. Power has been reading a little high so we've been leaving lights on in main cabin. Morning spent writing and catching up, and scanning the benches for bighorns. A few does up high, and later a large ram to south of second bench. ~~At~~ Mica seems very

playful now that she is the only canine for a week. After lunch we make a move to go for a hike and find only 3 stock in the paddock (Star, Kat, and Cricket). After a brief search the guilty three are found up Pioneer Creek (just other side of fence). We open top gates and eventually herd them back into the main field. We then circumnavigate entire field to check all fences. Nothing down (but didn't check over by the workshop which is where Isaac later found the breach). Headed off for hike up Big Creek. Trails frozen and slippery. Went up creek a ways before turning around to make it back to TR for evening feeding. No wildlife seen. Feed stock and check water box before heading into cabin to warm up and hang out with Mica. Dinner of leftovers and conscious awaits!

\* Around noonish we saw what we thought was Travis's packers passing through. 3-4 strings of 10-12 each.

Saturday Nov. 22

Hiked to Sagebrush flats, set up a remote video camera on the log crossing, hoping for a cat of sorts --- replace batteries in TR remote cam across ~~from~~ mouth of Rush Crk. Researched Rose hips and tried a few - taste ok. Saw a couple deer up on the benches, no sheep! Hiked down to Cogar creek and up the "secret Passage". Ran into B?? (collared Golden Crk male). Saw a 4pt Buck + Doe. Retained down Goat Crk. Penny jumped out of pasture a couple times. Found where penny, Bird + Bat escaped yesterday + fixed it. Found Pet Peaks books, ... kind of cuts into our hiking & productivity of looking for wildlife.

Sunday Nov 23

Busy day - fence down this morning - all stock was in but they'd taken the fence out pretty good near the NE end of pasture - just a section - looks like someone got stuck in it and made off with it/pushed through it. Pelton wheel went out tonight - dealing w/ it and stuffing fire in cabins. Saw three rams today on benches w/ does. Largest



most dominant ram had severe limp to front right leg. Talked up Jim & Holly via Skype... went so-so - internet cut out a bit. Back to propane lights & unplugged all non-necessary power & phantom loads. Like the sound of the propane lamps - kinda like home!

Monday Nov 24

Penny, But & Bird escaped today, same place as two days ago, behind the work shed. Re-set up fence & stacked boards and trailers in front of it. Found the mules up in the saddle SE of TR - up Pioneer 1/2 mile. They happily/quittily returned. The big horns started their rut today as far as we could tell. Lots of rams, chasing ewes, some butting heads. Some ice flowing down Big Crk, first "cold" night since we have been here (19-10w). Had fires in duplex, Lewis & Arlow cabin last night, will tonight too. Have most power off around TR because running generator 2x day to keep batteries charged.

Tuesday Nov 25

No mules escaped today !!! A first! They did take out the electric fence behind the work shed, but seemed to be deterred by the boards & trailer against the fence. They took chunks out of the trailer gates though - apparent frustration? Sheep rut was good again today. More big rams! Lots of rams! Not any real serious head butting yet - hope to see more soon. Fewer planes and no sight of other people around Big Crk. It's nice!!! I think we only saw 2 planes today. Been colder at nights (relatively - only 18° probably normally much colder at this time of year) keeping fires at night in cabins & H<sub>2</sub>O dripping until Jim & Holly return and we shut off H<sub>2</sub>O. Life is good! 18

Weds. Nov. 26

We flew back in today after a week out doing medical visits and seeing my Dad in the Portland area. It's cold in here... very frosty! We spent a <sup>considerable</sup> little time looking over the hydro issue... looking and won't engage for power. Isaac and Bjornen have things in good working order... and Mica seems happy to have us back! Holly, Bjornen, Isaac did the brushes (soldering), I did the bearings.

Thurs., Nov. 27 Thanksgiving

I bit warmer today. Got the hydro reassembled and flamed out the main-line upright (using catalytic heater and some hot rocks). Had to redo the leak caulking... the jet w/out the valve, went back to plumbers putty and tape. By 9 pm it was back running. Isaac and Bjornen shot film of bighorn rutting behavior. We had the big traditional feast for dinner... Nice to be eating again after my colonoscopy! A little snow this evening and deer landing in the pasture/airstrip... a true sign of late fall @ Taylor Ranch!

Friday, Nov. 28

Did laundry and tasks dealing electricity since it (hydro) is running again. Tyler and Annie June were flown back to TRE noon today. I went around the place w/ Tyler and AJ to familiarize them with the winter routine. The Rams were butting heads on the main trail, Isaac and Bjornen shot footage of them.

Saturday, Nov. 29<sup>th</sup>

More preparation for us being gone and Tyler and Annie June got back into their respective tasks... cabin manuals for AJ and Tyler getting more orientation on winter systems. The weather was crummy here and Cascade so J. Gost and the civil engineers were not able to fly in. Holly & Annie June worked on the overland winter water line, while Tyler helped me pull the shoes on the horses and Bird. Had a potluck, AJ & Tyler brought over green chili enchiladas & Isaac/Bjornen made salad etc.

Isaac & Bjornen also hiked to Cabin Cr. today. Up to 40° this afternoon, the fields are slime on top of frozen.

Sunday, Nov. 30

Tyler summarized the monthly weather for Nov. We got all packed up, ready to go, but the fog never lifted in Cascade. Visited Tyler and Amie-June about TR budgets, lodging costs, etc. Wolus started howling @ 9:45 pm and carried on through the night... must have made a kill nearby. Continued going over jobs to do with Tyler... and AS.

Monday, Dec. 1<sup>st</sup> (entries by Tyler Morrison)

Jim & Holly <sup>finally</sup> made it out today despite some fog in Cascade. I hope his surgery & recovery go as smoothly as possible. The remote camera wasn't working so I took it down, then drained & winterized the Dave Lewis & Arlo cabins. Amie-June researched field station fees at other biological field stations. Isaac & <sup>Bjornen</sup> worked up on the benches again (didn't see much) & ~~son~~ came over for dinner.

Tuesday, Dec. 2<sup>nd</sup>

We had a decent rain early this morning so with the mud & ice things have been a bit slick today. Isaac & Bjornen saw a number of big horn sheep at the head of Cougar Cr. & Goat Basin. I spent the day working on small projects around the station while Amie-June researched housing and use fees at other biological field stations. We had dinner with Isaac & Bjornen again and they've decided to fly out tomorrow on the mail plane in order to catch a forest service meeting. It sounds like Jim's surgery went well! Now we'll be keeping our fingers crossed for minimal pain during his recovery.

Wednesday, Dec 3<sup>rd</sup>

It has been warm today & yesterday so things have become a bit muddy. Isaac & Bjornen flew out this afternoon on the mail plane. I spent most of the day doing rock work around the W waterbox intake & Amie-June finished her station fee research.

Thursday, Dec 4<sup>th</sup>

It was cold enough to freeze last night and the ground started hardening up again, which has helped with the mud. I spent most the day finishing the stone work around the west waterbox intake. It should help check the erosion there (I'm curious how much will be left after the next high flow). Amie-June worked on some billing and correspondence. Bill Wassard asked us to turn the NOAA equipment on for a few hours today so they could download some data (sounds like there ~~isn't~~ isn't enough direct light to power everything continuously). Amie-June & I took a hike ~~to~~ to the sage flat in the afternoon. We took the telemetry but got no signal. It's supposed to be cold tonight so I heated the hydro and started fires in the Hornocker cabin.

Friday, Dec 5<sup>th</sup>

I worked a shorter day today in order to keep my hours down and mostly focused on the daily routine while Amie-June worked on correspondence and the bibliography. We saw some big horn sheep on the mineral lick across from the hay barn. I hiked up to the first bench to get a better look at them once they headed up that way. There were 23 in all, with three rams. On my way back I saw another ram on the east side of Horse Mt. who was apparently not part of the larger group.

Saturday, Dec 6<sup>th</sup>

A fairly simple day with nothing unusual going on. The weather has been cold enough to keep the ground frozen so there is little to no mud, but it's been too warm for there to be much ice on Pioneer Cr. or to freeze the water line (rather convenient for now). Amie-June and I took Kea on a hike up to the second bench. Amie-June tested Kea on her 30' rope leash. It worked well ~~and~~ in the open grass, but Kea got tangled up quickly anytime there were rocks or other obstacles. She still had a great time.

Sunday, Dec 7<sup>th</sup>

A fairly mellow day. Amie-June and I mostly worked on some crafts and relaxed. Although Penny hopped the fence between the two feeding bins and got into the haystack area. She wasn't in there for long and I repaired the electric stripping above the fence as soon as I got her out. Later that in the evening the stock knocked down the electric fence tape by the shop. I think they've learned not to be worried about electric tape when it isn't hot.



Monday, Dec 8<sup>th</sup>

With the snow from last night and this morning there is about  $\frac{1}{2}$ " on the ground now and it finally feels like it's really winter. I caught a woodrat in the DeVlieg cabin last night. Hopefully that will be the last of them in there now that the access under the eaves has been screened over (but I'll try and seal up the upstairs closets just in case). I finally had a chance to install the smoke detectors in the Dave Lewis and DeVlieg cabins, as well as replace the screens in the Arlo cabin. Amie-June spent the day battling with a virus on her computer and emerged victorious in the end (although frustrated about having lost productivity). I talked with Jim on Skype this evening and it sounds like his gout has flared up and is slowing down his recovery. Hopefully it will be under control soon. I instructed Tyler to electrify around the haystack... the only fix on the stock behavior

Tuesday, Dec 9<sup>th</sup>

I set the charger up on the electric fencing around the hay wagon. Hopefully the stock will leave that type of fencing alone now that they ~~co~~ have a reminder it can be hot. I spent the day working on sealing up the closets in the north, upstairs bedroom of the DeVlieg in an attempt to keep woodrats out of the cabin interior. The work went much slower than I expected and I'll need to spend tomorrow finishing it. But hopefully it will be effective at keeping the woodrats out. Amie-June worked on the bibliography some more. In the afternoon she spotted a pair of bald eagles across from the end of the airstrip. She hiked over there to see if they were scavenging a kill. No kill, but she did find a pair of river otters playing on the end of the airstrip and in Big Cr. We also saw another 5 big horn sheep on the first bench. A good day for wildlife sightings.

Wednesday, Dec 10<sup>th</sup>

The skies cleared up for much of today and it was nice to get some sunlight and see a bit of blue up there again. I spent most of the day finishing the rat-proofing of the DeVlieg closets. The project took longer than I wanted but I'm happy with how it turned out. Amie-June continued to work on the bibliography today. Pray flew in with the mail today around five in the evening. He also dropped off a new barrel of gas, batteries for the NOAA equipment, and the newly certified fire extinguisher. Then quickly took off again trying to make Foon Cr. before dark. Pray told Jim & Holly he would hold the mail flight until Friday so they could fly in on it. But

apparently Ray got spooked by the weather forecast for Friday and flew the mail today instead. Jim & Holly are still planning to come in Friday, I hope this doesn't make it more expensive for them.

Thurs. Dec. 11<sup>th</sup>

Annie June worked on bibliography citations. Tyker completed the rat proofing in the DeVlieg Cabin. In Boise, I went to my first post-op. appt. and found out that I had 2 blood clots in my surgery leg - calf. Now I'm on a regime of blood thinners - injectable and pills. A lot of travelling for me today, Baker C. to Boise and then Boise to Cascade. I'm not doing much more than surviving at this point post-surgery.

Friday, Dec 12

Ray flew H and I in late morning, followed by a second flight with the sheep count crew - Pete Stewart, John Caywood, Angela Rossmann. Got everyone settled <sup>in</sup> back for 3 days on the sheep census. Annie June & Tyker spent the morning cleaning (this place), moving their stuff to the Hornocker Cabin, and off loading planes. We all had dinner together and visited about the upcoming sheep survey.

Sat. Dec. 13

The survey crew, including Tyker, headed upstream to Cabin Cr today. They only saw 9 sheep on that survey leg. Annie June stayed with me, and the dogs today. She also scanned some PBS history reports for me. I caught up on some emails - sent in time for Tyker and A.J. Had a classic hamburger dinner tonight - getting cold, temp dropped fast after dusk... Tyker's been beating the hydra.

Sunday, Dec 14

The sheep survey crew was on the benches today. Annie-June stayed with me again to manage needs of the crit and the dogs. I worked on PRS stuff and A-J did some document scanning for me. The crew counted 65 sheep today, 14 on top and one big herd of 51 east of the 3<sup>rd</sup> bench... east nob. I did quite a bit of phys. therapy today - probably over did it. Had another big group meal... John's & Angela's cooking.

Monday, Dec. 15

The sheep survey continued, Pete and John did the Rush Ridge route, they saw 14 sheep and 20 or so deer. Holly and Annie-June cruised downstream to Dancer Cr., picked up 9 more sheep. Snow in Cascade kept the plane from coming in this afternoon. Had another evening of group visiting/eating.

Tuesday, Dec. 16

The plane was able to get in late morning to take out the sheep-count crew. A-J and Tyler helped the crew get out since the plane came quicker than expected. Visited with Tyler and A-J about job descriptions. They did the usual chores while Holly tended to me, not a very good day for me - lots of foot swelling... poor sleep at night. Call... near O<sup>2</sup>. Holly emailed several changes to the FA-MOCC up to Jim Goss and the Dean.

Weds., Dec. 17

This was a morning of office work. Annie-June took some great sheep photos this afternoon in lower Cliff Cr. Tyler moved firewood from the Lewis to Taylor firewood pile (shed). Emailed back and forth with Pete from the Sheep Foundation... we do not want the count data summary put as is onto their web page. Late afternoon and evening was spent putting up the X-mas tree and decorating the cabin. I was more mobile today, but we all paid the price this evening when I was in pain and crabby! Also earlier today I worked on the mountain lion workshop panel discussion summary and emailed a draft out for review.

Thurs. Dec. 18

A-J and Tyler both worked on their respective job descriptions. We visited about user fees (charges) and funding sources for Tyler and Amie-June. We have a likely new funding source in Tyler working the screw trap (part-time) for IDFG, suggested by Kim Apperson from FEB. Tyler worked some on insulating the Hydro., then Holly, Tyler, and Amie-June Rotated 24 batteries at the NOAA site... a big job!, and part way through they were alarmed by the ice on Big CR. going out. A-J took good stills - and some video too! Visited with Pam Bell via skype regarding the status of the budget crisis, etc., and how hirings for next year will be affected.

Friday Dec. 19

Tyler and A-J got all ready to go today but the skies weren't good enough for flying... so they did more chores! I did about 50 Christmas cards. Tyler finished insulating around the hydro. Had a pizza dinner - Holly homemade. Tomorrow looks more promising for flying. Both Tyler & A-J submitted "actual" job descriptions for us to put into our TR admin. packets.

Sat, Dec. 20

A quite a bit nicer day. Ray was able to fly in (bringing our new recliner & mail) at about noon. Holly, Tyler, A-J moved the recliners around before Ray flew them out. Got in another 15 X-mas cards before the plane came. Tough to see T. & A.J. go, now Holly will feel the burden - of chores! T. & A.J. will take the bus to Boise for their late evening flight to Seattle.

Sunday, Dec. 21

Holly did a lot of house cleaning today. I helped a bit, but still not very mobile. Snowy today, lucky to get in yesterday's flight, although we learned that Tyler & A.J.'s flight was cancelled due to bad weather (snow) in Seattle.



Mon. Dec. 22

A snowy day today. Holly did trouble-shooting on the NOAA site as the computer isn't working. She also did TR laundry, and she worked on job description details. I emailed Todd Mower & J. Gorr on the MOU input (ES-US). Found out that Tyler and AS are still in Boise, still trying to get to ~~Boise~~ <sup>Seattle</sup>! Holly worked the stock before the evening feeding. I corresponded w/ Weiss on my bins - worse than when I sent them in; they said they'll "make it right."

Tues. Dec. 23

I helped Holly start the snowblower then she spent most of the day doing the airstrip... Can't "on" the level. I made 2 trips from the cabin to the airstrip - a lot given my recent level of activity. I spent a couple hours on the MW panel discussion summary and emailed for review. Holly did chores to round-out the day.

Weds. Dec. 24

Today was too stormy, mostly in Cascade, for any flying to occur, so no "Santa Clause" performance for Ray. We did the usual chores (or Holly did). Had a nice dinner then opened the presents. Rea liked her duck doggy-toy. Having problems restarting our global <sup>phone</sup> star-cummary camp!

Thurs. Dec. 25<sup>th</sup> Christmas

Except for essential chores, we took the day off. Had a few Skype calls (Dale & Cheryl) and basically did nothing today! Had some more snow, maybe 1 more inch. Holly did the stock chores

Friday Dec. 26

→ also did on 12/24

Holly worked some on the NOAA site; and she figured that the computer problem was a power issue - she hooked up to the TR electric and it worked! I wrote the cover letter for our job description information. Rea still has a coyote interest - chased me at the head of the airstrip today. I did several more xmas cards, but no plane came here today. Holly reviewed UI ROJD job description writing info for doing ours.

Sat. Dec. 27

Holly and Rea saw fresh wolf tracks along the main trail - Cliff Cr., they came up from the salt lick downstream. I walked (w/ netting) 2/3rds down the airstrip. It snowed most of today, we mostly did inside things - not work related. Holly cleared snow off NOAA solar panels & satellite dish and charged their batteries from our hydropower connection. Hydro has been producing excess power & keeping hydro shed warm - it helps that we still have running water and have not had to plug in the electric heat tape for the over-the-ground water line we proactively laid in place a month ago.

Sunday Dec 28

3 day old cougar tracks on Rush Cr ice.

I took down Christmas tree and decorations. Jim incorporated edits to his Mountain Lion Workshop panel discussion summary. I worked 2 hours on the NOAA fish detection system: reset satellite modem, cleared snow off dish & panels, ran the "test" PIT tag over the 3 antennas for testing, connected to hydropower 5 hrs.

Mon Dec 29

Rain last night. Raccoon tracks Shopto Airstrip.

I checked the NOAA site & made 3 trips down to the site to trouble-shoot - everything seems to work (DirecWay Internet connection & computer is collecting data), but can't access the computer remotely. Checked fuses, tried my computer at the site, and checked NOAA power. Jim worked on MLW Workshop panel summary and wrote a cover letter to include with our ROJD job description.

Tuesday Dec 30

Checked the NOAA system again - all power is on, but no remote desktop connection. Jim finalized & submitted the MLW panel summary to IDFG for proceedings. We coordinated Payette FS (MOU) and IDFG Fish (MOU) meetings in McCall.

-both on January 13. Sent travel request to UI for January, and info to Darrell on computer with new "property tag", and timesheets submitted with vacation & sickleave time. Jim flew out to go to a doctor appointment.

Wednesday December 31 New Year's Eve Day - holiday  
Jim's appointment to assess recovery from his hip replacement / resurfacing on 12/2 went well and he is on schedule for rehabilitation. I sent an abstract (on the cougar & hunting data I wrote up for the Mountain Lion Workshop - May 08) for a presentation at the Idaho The Wildlife Society Meeting March 09. I enjoyed a quiet New Year's Eve alone with the dogs reading log cabin design magazines & developing plans for build a log cabin on our Oregon property. Rainy day. Cleaned <sup>water</sup> intake screens of debris - 1st time in a week.

Thursday January 1, 2009 New Year's Day  
Did the usual Am chores: weather station, feed mules, check hydro, haul wood. Kea & I hiked to Lobauer Basin - the longest trip Kea has done - she does well following on the trail. More reading log cabin floor plans and personal growth/resolutions. Jim couldn't fly in today as planned due to Cascade weather.

Friday January 2  
Fresh cougar tracks along Big Creek from Rush Cr → Pioneer Cr. I worked on our job description and researched the FCRNR Wilderness Plan Research Section & sent comments to Jim G on the effects on UI-USFS <sup>(draft)</sup> proposed MOLL. Jim A communicated with Kim Apperson on the upcoming TR screw trap meeting agenda and we both reviewed the 2008 TR screw trap data summary. Puddles on the airstrip from rain and 45° days!

Saturday, January 3, 2009

12°

Weather (finally) turned clear and cold last night, after weeks of overcast skies. Jim was able to fly in and brought 12 bags of grain too. We discussed logistics of hiring & funding Tyler & Amie June in addition to the IDFG 9 month screw trap position → that will provide paid time for Tyler to do Taylor Ranch work when not doing fish work. Jim corresponded with Tyler about the fish job opening soon. I had to clear slush ice from the water intake 3 times today and at night to keep the hydro & plumbing going, and had to turn the hydro off temporarily to allow air in the 4" line to travel up to the waterbox (inlet)

Sunday, January 4, 2009

Another frigid day — minus one degree when I took the weather! Airstrip puddles are solid ice now. Jim made a careful trip down the airstrip with a cane and Yaktrak shoe traction devices. He tested our newly reactivated portable Globalstar phone & it worked great! I worked on medical bills and personal projects. Of course I did have to make 4 trips to the water intake today and 8pm & 2am to scrape slush ice from the intake perforated plates to restore water to our cabin & hydro.

Monday January 5

Warming & snowed last night. I only had to scrape slush from the intake twice today, because the surface ice is forming. Airstrip ice is extremely slick under 2" of new snow — I slipped and fell on my back, hitting my head hard on the ice when walking Kea. Kea helped by jumping on me and stealing my hat!



I made 2 trips to the NOAA site for trouble-shooting and finally got things fixed!! (1) I took my computer down to the site and got it on the Internet (2) Found out Bill Wassard had set a power timer, which explained the on-then-off nature of the power to the gatellite modem (3) Confirmed ~~a~~ faulty ethernet cable had come unplugged, I reconnected it. Bill was able to connect via remote computer (PCAnywhere). Then he said I needed to check the lower antenna site - no connection <sup>there</sup> I said "tomorrow" (☺). I spent the afternoon working on our job description and sent a Visa ~~bill~~ receipt & paperwork to Lori Mulally, CNR. Jim responded to emails and worked on the Assistant Manager job description. Bighorns visible today on benches; 2 coyotes howl & sit near previous bighorn location (E of 1<sup>st</sup> bench); raccoon tracks in our yard; great horned owl hooting by Dave Lewis Cabin.

Tuesday, Jan 6

Quite a bit warmer today, a little fresh snow but near freezing (above today). Holly continued working on ROJD. I reviewed mission statements at other field site websites... Pine Ridge, Anderson Forest. Holly tracked where the wolves had been yesterday across Big Cr. Raccoon's barn in the yard, a big track. Corresponded with CNR folks, and FS/IDFG regarding meetings next week. Planned asst. manager timing - relative to heavy fish flows at the screw trap. Holly continued corresponding w/ Bill regarding the NOAA site and issues... and cleared snow off of the panels and rebooted the computer at the lower site. Last night 8pm when Kea & I went on the airstrip on the way to grain mules I heard an "animal sound" down the airstrip and what sounded like the ice going out - rumbling, crushing ice sounds. Later I investigated; no ice going out, but <sup>widespread</sup> yellow eyes in my head light beam across Big Cr from airstrip; no wolf telemetry signal. ~~This morning~~ Later, at midnight wolves howled and in the morning I saw 5 wolf tracks crossed Cliff Cr and were at the "eye shine" site.

Later confirmed ice out jammed up below Rusty.

Followed by a brief this a.m. Then elk walked the trail.

Weds. Jan 7

No mail plane today, some rain here and a lot of rain in Cascade. I used the snowblower as an "automatic walker" and did the upper hill's turnaround. We continued working on our ROJD ~ adding more & more details. Holly mailed backhaul for the of Steve Accord on the NOAA-UT Moll... and what our maintenance troubleshooting responsibilities are... in writing. Holly's spending 7 hrs a day on that system ~ responding to Bill's requests. Saw deer, elk (6), and sheep on the lower benches today. Swept snow from NOAA upper site solar panels & sat. dish; reset satellite modem.

Thurs. Jan 8.

No mail today either. I walked behind the snow blower, doing most of the push until the snow got too water saturated. We finalized the ROJD <sup>(official job description)</sup> and the cover letter and shipped (mailed) up to Moscow - CNR. Holly did many loads of laundry today as we are producing great power now. Skyped with Ben Crosby on several issues - student posters for our archives & web; \$ for TR GIS undergrad equipment Moll, etc. Contacted Zack H about whether our RAWs station is collecting data & how to access it. Heard from Jane Urbaska that Mary Acker died - very sad news & unexpected - we were thinking of her recently, since it's been almost a year since Bill died ~ they were friends and donors of Taylor Ranch (Dave Lewis Cabin renovation).

Friday. Jan. 9

Mostly got things ready for meetings next week. Cleaned water intake screens, surprised at the type of sediment... very fine. The Kydoo quit generating so Holly soldered in some new brushes, works good again. We also worked together on making a web page version of the big horn summary. Holly mailed Janie Acker with condolences on her mother passing away. Holly and Ken saw an otter in Big CR. this morning, and I heard some howling up (above) the benches.

Sat, Jan 10

We did the usual ~~daily~~ daily chores, then used the dummy launcher to introduce Hea to the sound of a shot. Mica helped out. Hea did very well. Emailed back and forth with Travis C. about his friends coming up Big today, they showed up about 6pm and spent the night here. Talked to Dale via Skype about him coming in tomorrow.

Sun JAN 11

Dale Borum - volunteer caretaker & Oregon friend flew in from Cascade @ 2:30 today. Broken clouds, fairly rough flight. Holly showed me around with instructions for chores. Fed mules and horses, settled in for the week.

Mon. JAN 12

Cloudy and warm (44°), recent snow is melting, making walkways very icy. No new rain or snow. Did the daily chores, fed the quail. Split some wood and filled the cabin wood box. Took Mica for a walk. I hauled 6 bags of grain from the airstrip to the shed by the corral for the mules and horses. Jim called on Skype from Boise, and Cheryl called on Skype from Imbler. One plane flew in and out, probably Abram Creek.

TUES JAN 13

Warm and clear today. Snow still melting and very icy. Did chores, took Mica for a walk on the airstrip and fed the quail. Had to chase Mica out of the quail food. A grouse missed hitting me by 3 feet flying around the corner of the cabin. Baked a batch of chocolate chip cookies. Checked the water/pelter wheel, Everything working well.

Wed Jan 14

Clear and colder, snow melt slowing. Did chores, went for extended hike. Only wildlife observed included magpies, grouse, and quail. Very quiet, no planes flying. Air very crisp. Took Mica for several short walks. No mail plane. Filled wood box, Cheryl called from Imbler.

Thurs. Jan 15

Spent time with mules and horses today. It has taken 3 days for them to accept/appreciate? that I am their feedbag. Did daily chores. Mica helped me feed the quail and made more cookies. Filled the woodbox, watched 2 sheep on east side of cliff creek, and twelve elk on east side of Pioneer Creek behind the Taybr Cabin. One small branch antlered bull. Jim and Holly called on Skype from Moscow and Cheryl called on Skype from Imbler.

Fri Jan 16

13° this morning and clear. Heavier frost on walkways / not quite as slippery. Did chores, filled the woodbox. Observed 3 sheep on second bench, and 1 Golden Eagle flying above the benches. One plane flying <sup>high</sup> from the west. Water, electric system working well. Noticed an interesting track in the snow on the way up to the water intake. Also 1 cow elk on Ridge on W. side of Pioneer crk. Holly and I drove from Moscow to McCall for a second meeting with ADF&G fish folks to discuss the screw trap operations. We also took Kea into the vet in Cascade to be spayed. Our trip to Moscow was not good; we got the news that we (H&I) would be going 1/2 time starting July 1<sup>st</sup>. The Dean told us this in a meeting with us and Jim Goss. We were planning to propose how we would creatively finance the asst. manager and admin asst. positions, but we got "broad-sided"



by this were major news. Earlier in the week we met with Joe Harper from the USFS to have a conference call on the MOC. We also had several meetings in Moscow covering the new webpage format, budgets... Pam's Lyne, Jim Goss on planning. Can't believe that our Taylor program took a proportionally bigger bite than any in the College! Took Ed & Charlene Krumpke to pie & coffee in Cascade, they were enroute to Boise. Picked up Rea from the vet, went over to Bates and had dinner and spent the night.

Sat. Jan 17

After breakfast @ Clear Creek Restaurant we went to the airport and loaded the plane. We flew in to TR @ noon. Dale had made soup and cookies so we all had that. Cold and icy here. Holly took a nasty spill on the ice. We put things away and got settled back in. Heard wolves howling downstream this evening.

Sunday Jan. 18

Did the usual chores and watched football games. Holly drafted up a document that covered "unexpected or unintended consequences" of the Taylor "cuts." We are quite cranky about the disproportionate cuts leveled on Taylor programs and personnel. Went for a few walks, at least the hip is doing better now.

Monday Jan. 19

We finished up the "unexpected consequences" document and mailed to the Dean, Jim Goss, Jim Bell and Ed Krumpke. Oh ya, we also sent the first version to Pres. SIK in response to an email to all faculty and staff that no one would lose their jobs! Holly is taking Rea for daily walks, hard to keep her from being too active. Travis emailed that MF Aviation would stop in with 4 bags of hay cubes tomorrow to replace those borrowed a week ago. It is sounding like the Cabin Cr. strip is almost unusable, after plowing it set up with irregular ridges.

Tuesday, Jan. 20 (\*H<sub>2</sub>O off)

After chores we worked on the big bridge gate, which was frozen shut. MF stopped by with the hay cubes. Holly worked on a new product which summarized the projected time budget per month at TR given the proposed cuts. The regular plumbing quit flowing - the perma-frost finally made it down to pipe level. Fortunately, the waterline (above ground) was pretty easy to start up, and we are back in business w/ running water. Lots of emails sent & received, mostly on the TR budget cuts. Got mail ready to go out tomorrow.

Weds, Jan 21

Rod N. from McCall flew in this morning to bring in new batteries and take out old ones. Right after Rod left, Ray came in with the mail, Hea snuck down and attempted to greet the plane, fortunately Ray shut down. Ray didn't circle so we didn't even know he was landing at close call for little dog! Continued budget planning documents, things really don't look good with these cuts. Took Hea up Cliff Cr., took a close look @ the limping ram, he's starting to lose weight... and doesn't move much.

Thurs, Jan. 22

Rod flew back in this morning with 2 NOAA guys - Matt & Jesse, they swapped out the batteries and a few other <sup>old</sup> maintenance things at the 2 sites. We visited with Rod until they were <sup>NOAA guys</sup> gone and then they all flew out. We got a very uplifting email from Golden Buxton who is rallying the Taylor Researcher troops into support - rejecting the proposed cuts. Researched yurt designs this late afternoon... getting ready to start a gradual move to our NE CR. property.

Friday, Jan 23

Continued coming up with scenarios for us losing one of our positions... none of which are any good! Visited with Ed Krumpke about the meeting he and Jim Shiny had with Jim Goss. JK reportedly

expressed his feelings about the heavy TR cuts. He is contemplating not offering his Enrichment class. Many TR related emails today.

Saturday, Jan. 24

Holly got on the roof and cleaned the stovepipe. We went for some walks and attempted to not think about our upcoming lay-off scenario. Holly still put some thoughts down on ~ more negative consequences. Kea's spray wound still looks fairly "gaping."

Sunday, Jan. 25 (Lost H<sub>2</sub>O)

Avoided from the chores we pretty much took the day off. The water went off last night - down to zero. We suspect a problem with the electric tape, but who knows. I caught up on PBS emails and broke out a hole in the ice for bucket use.

Monday, Jan. 26

Another cold night. MF flew in around noon bringing in 8 bags of cubes. Fluo out critical elements for Travis since the Cabin Cr. Strip is not safe for use - packed ice, irregular. Harry and Stephen took the stock, some gear, and their cayer down to the B. I pulled apart the water line... but only 10" F, so decided to leave the south end intact (put back together after confirming flow to kill connection). Holly worked on a prioritization list given the budget cuts. Many emails of support from students/faculty... uplifting, but probably won't change much. Sent travel request to UI for TWS meeting presentation in March. Sent AA billing info to Lorin.

Tuesday, Jan. 27

After it warmed up to 14°... after low of -4°, we attacked the ice bypass line and finally got it flowing again. Actually had to wait the pipe under the cabin to break the ice loose. Heard wolves howling and coyotes yipping while we were working in the yard. More emails on budget issues... plus more planning on what we can do with "bare bones" help and \$ support.

Wednesday January 28

Sent my cougar research paper from Mt Lion Workshop to Jim Peek for his manuscript for TWS. Communicated with Jane Urbaska on donor information to report in 2008 Annual Report. Responded to student & faculty concerns about our job losses from CNR budget cuts. Billing info sent to Lori M. Jim flew out early afternoon to go to the doctor - post hip replacement.

Thursday Jan 29

→ and contract work given H&J go on 1/2-time w/ut

Jim went to Krassel RD - Clem & Patti on weed surveys & data; had lunch with Scott Acker, Seesh Eng & discussed sewage drying site. I wrote a job recommendation for Corey Shake in Kodiak. Asked Amie June to send me the knapweed survey data for FS presentation. Sent cougar harvest data to Jim Peek. Asked Katy K. & Colden whether there was any EPSCoR funding for Education or Outreach that could be used for Jim & me to develop programs & augment our soon-to-be half-time wages. Skyped with Tyler & Amie June - no new job news for them - or us. Tyler decided to turn down the IDFG Fish Screw Trap job due to no opportunity for A-J at TWRS. Responded to Chuck Redmon NWS about using weather data from our new RAWS station for predicting Wilderness Fire Weather. <sup>FRIDAY</sup> Janet Pope skyped in the evening to talk about MULES! and Taylor budget cuts to our salaries. Power kept going out until 10 pm I could not restart alternator (jumping ammeter & shorting out). Worked on the hydro & ran Honda generator 10 pm → midnight before I gave up. **FRIDAY CONTINUED:** Jim Gosz skyped to discuss budget options to hire others to help at Taylor next summer, but no additional funding for H & J. Bill is unhappy about student emails, letters & calls about their discontent about Taylor / Akenson budget cuts. Jim G also called Jim A while he was traveling & away from Taylor. I worked on budget cut "scenarios".



Saturday January 31

I spent 3 hours working on the Hydro — rebuilt the Motorcraft #5 Alternator to replace the other alternator on the Hydro that has heavy scoring on the copper sleeve over the shaft. When I opened the union on the 4" waterline the collar cracked — disabling the waterline! Ran the gas generator 3 times / day for electricity, but still could not maintain running water / heat tapes. Recreational reading — "Tracks" about a woman who packed camels across Australia — given to me by past student Tracy Buchanan — necessary therapy to keep me from being furious about our dismal future at Taylor Ranch and lack of appreciation by admin!

Sunday February 1

Jim shopped for Hydro parts in Baker.

Kea & I went up Pioneer Cr to track rattlesnakes — bad luck — telemetry receiver died as I zeroed in on 1st snake, then GPS couldn't get a fix! Oh well. Wolves had been in lower Pioneer Cr and 'sidehill' — evidence of 4 wolves chasing 3 elk, and 1 set of wolf trax by the orchard — too close to home & the dogs. I spent 4 hours in the evening working on the ROJD job description timeline of requests for updates — for Human Rights Compliance Office.

Monday February 2

The running water in our cabin is officially "done" — hoses with heaters not consistently on, using too much of the gas generator power, and valve box frozen. Jim flew in after shopping for Hydro waterline repair parts & new union in Ontario. We drained hose line and Jim thawed 4" waterline & union at Hydro; replaced cracked union joint. I wrote up the monthly Natl. Weather Service monthly report. Worked on the job description timeline and helped Jim with hydro. Ran generator for power and used propane & solar lights in our cabin.

Tuesday February 3

Worked on the hydro in the Am - replacing the bad alternator for rebuilt one. A new problem emerges - the pelton wheel won't go on the rebuilt one's shaft because I dinged the threads when I tried to hammer the bearing out of a rusty connection - I filed away the ding & still no screwing on of pelton - the shaft is out-of-round & useless. Jim ~~eat~~ cleaned & caulked all the hydro fillings, then tried to replace the scored <sup>copper</sup> sleeve on the old alternator with the one from the rebuilt one - to make ONE functional alternator - but the new sleeve cracked. We are out of business again with no more spare parts! I emailed Scott at Backwoods Solar for advice & he confirmed no one rebuilds or replaces the Harris motorcraft alternators. He recommended replacing our Harris <sup>12-year old</sup> hydro with a better brand. Jim emailed Jim Gosz a budget request for replacement hydro or alternator repairs. No water, no hydro power for us until we get a fix.

Wednesday February 4

Jim worked on waterlines (DV bleed out) to thaw for overland hose line for our housewater; not successful. I spent the day on the HRCO job description timelines. Jim worked on the scenarios of half-time pay and how we could run Taylor Ranch (cant, really!). Jim took old elk meat trimmings from last fall from above orchard to lower pasture - to remove a wolf attractant, but be able to use it in the future for wolf trapping & radiocollaring. Janet Pope called to talk about their upcoming meeting with Bill McLaughlin about Taylor budget cuts and Dervlieg Fnd. funding. I caught up on a week of Taylor Book entries!

Thurs. Feb 5.

Tried to get the sat. phone to work many times today, not much luck. I spent more time on the Reduced-Time scenario, gets very frustrating to work on. Getting set up for life without electricity and running water. We are using about  $1\frac{1}{2}$  gallons of gas a day to keep the electric going for 80% of the day... and none at night.

Friday, Feb. 6

Holly attempted to take a day off and pretty much did. I answered mails and did more Reduced-Time planning. Went to the sagebrush flat, saw quite a few wolf tracks. Ken found an arrow I lost in the snow - good nose! Holly cleaned off the kitchen shelf above the sink, we are getting into de-clutter mode, the pre-cursor to spring cleaning. We mailed J. Gosz with upcoming time-off plans.

Saturday Feb. 7

Holly and Rea got their respective packs ready to go up to Cabin Cr. for the night. I took photos of them wearing matched packs. They left right after lunch. I did the usual chores and walked around TR and down to the salt lick, looking for tracks of interest after the new snow early this morning. Put out in the generator... it was quite low.

Sunday Feb. 8

I did the usual chores today and went for some local hikes... sage flat and up Cliff Cr. Holly returned from Cabin Cr. w/ Rea just before dark. They heard wolves howl south of Big Cr. I cleaned up my dresser top, did away with a dozen seldom used hats. I made a casserole for the incoming hikers.

Monday, Feb 9<sup>th</sup>

Today marks my 52<sup>nd</sup> B-day, it comes on a full-moon too! We finished up the job scenario document and emailed to Bill M. and Jim G. I built a canvas yurt-type structure around the hydro intake plumbing and set up a wood stove, which definately puts out more heat than the little propane burner. Holly emailed Mark Drew about elk-liv sample she collected @ Cabin Cr. Started working on the annual report or pulling things together. Holly made me a B-day cake, German chocolate!

Tuesday, Feb. 10

I ran the woodstove most of today with some progress, freed the main valve with a hotwater bag. It does not look promising on the waterline, afraid it is froze-up. Holly processed receipts, etc. to go out on tomorrow's mail plane. Had a skype call from J. Goss about our positions and funding ideas. Visited J. Pope about DeVlieg intunships. Quite a few elk around today.

Weds., Feb. 11

Mail day. Besides getting items ready for the mail, we worked on the annual Report and input requested by Colleen Baxter for the Epascoa group. Ray flew in late afternoon bringing in 3-15 gal. Containers of gas, groceries, and mail. Holly did a blood draw on me and we sent out for hospital processing. We are getting by with the generator @ 3-4 hours a day, about 1 1/2 gallons used per day. Got the parts from Backcountry solar for the alternator Repair.

Thurs. Feb. 12

Made an effort to thaw the hydro intake, but not much accomplished - also cleared the blood-out and heated up that valve - NO luck! Holly emailed the researchers of Taylor to Remind them about SUE's being due to the USFS. Skype visited Janet Pope about DeVlieg block grant and pending scholarships. Corresponded back and forth with Laurie Janson re the screw-trap schedule and caretaking by the tender.



Friday, Feb 13

A day of bad luck - "The 13<sup>th</sup>" - on a Friday. It started out with Keri running two cryptos up the hill south of the airstrip. Holly yelled and yelled, finally got her to come back after she had a little interaction with the 'yotes. Holly proceeded to order a shock-collar. We each did a few hours of admin. type work (visited J. Goss via skype), worked on the Annual Report etc., then we hiked down to Conger Cr., saw a lot of wolf tracks from the house-pit flat on down to Conger. Found out from Dennis Batie that there would be NO Sheep Summit this year, so I guess we'll hold our 8 yr. summary for another year!

Sat. Feb 14

Waited this morning for Dr. Herb Hess and students to fly in via Amble's to work (plan) more on the electrical engineering aspect of the NSF facilities grant application. While waiting, I wrote up a graduate school recommendation for Sarah Malick (N. Michigan). Holly located the Cliff Cr. dms, rattlesnakes, for Javan B. I fussed around some more with the waterline, heating and opening the valve in the orchard... nothing but a little air when opened. Quite a wild life show on the benches; 31 sheep, 44 deer, 2 elk.

Sunday Feb 15

Hiked around a bit ~ up Pioneer Cr a mile, a fair amount of wolf tracks. Primarily took the day off, except for the usual winter chores. Holly wrote up a summary of job "events" leading up to our pending "denotation." She also did some bread baking... banana, pumpkin.

Monday, Feb 16 - Presidents Day

Did the usual chores and hiked over to the sageflat. Dismantled the tarp-tent around the hydro. intake, put everything away ~ giving up until spring thaw. Holly worked on our taxes. I worked on my PBS history project. Warmer today, up to 41° mid-afternoon.

Tuesday, Feb 17

Did the usual morning chores w/out water or electric (until starting generator). I completed my annual self evaluation and worked some on the annual report. Holly emailed back and forth with April from HR on job description matters, and to Pam Bell too. Prepared mail to go out, and Holly might go out too with a growing list of things to do and people to contact. Emailed with Brian K. about DeWitt scholarship and screw trap operation. Looked over the alternator repairs and concluded to send it out to have Bobby Bate @ Bate Ford do it... just too major of an overhaul done here. Elk, deer, sheep all over the benches today. Cleared stove pipe & stove of kerosene & ashes.

Weds., Feb. 18

Morning chores. Holly got ready to go out on the mail plane, and got stuff ready to go out too... Alternators, propane (cuptics), 15 gal. gas can. Worked some on the Annual Report and touched-up my self evaluation. Worked on thawing out the hill top valves... Got water in bags. Holly claimed a day off today but she really worked half of it or more. Snow squalls caused a delay in the mail plane. Ray came in and flew her out. Evening chores as usual.

Thurs, Feb 19

Heard wolves howl last night, on the benches. Not much ungulate activity up there today. I mostly worked on the annual report and email dialogue. Holly is headed down to Boise today. Worked on thawing out the hill valves, seemed to make progress - but no flow. Had some new power issues, apparently the power storage dipped too low, had to recycle the settings 3 times before the generators would engage. Hauled wood & water. Successfully visited with Holly several times - skype to -phone, and with Dad too. Heard a dog-type Barks in the night, wolves? and not too far away.

Friday, Feb. 20

Did the clues and then searched around for the source of last night's dog fight. "Our" dogs discovered a blood trail by the campsite... a deer with a bloody track(s), and both a coyote and a wolf associated. Tracked the trail around the compound and over east of the compound. Finally, the deer went into Big Creek and the coyote walked the stream ice. I finished up my self evaluation. Worked on the annual report a couple hours. Ray & Holly flew in just before dark. We put away her groceries, etc.

Saturday, Feb. 21

Went to Lower Rush cr. and then downstream... retracing the deer chase scene, which started up slope of the sage flat with 4-5 wolves. The deer never broke stride after wolf contact and (bad luck) appears to have swapped pursuers (wolves to coyote) as it came by the Taylor buildings. Anyway, never found a carcass. Continued trying to climb the hill glad-out. Bear having to run the generator more, probably used water in batteries. Had a goat flare up this evening - ankle, arch, toe.

Sunday, Feb. 22

Studied up on Kea's new "E" collar. Holly tested her with it and it seemed to help get a response... or setting "3". I worked some of my "goat-aches" out by doing short walks in the flat. Worked on PBS (30+) stuff for next week's Nashville trip. Lots of elk on the 3<sup>rd</sup> bench.

Monday, Feb 23

We had both computers "whirring" today. Holly finished the Knapsack mapping project and sent to the FS (Clem, Patti S.), pretty much took all day. I worked mostly on the Annual Report, pulling together data to plug into the usual segments. We skype visited with J. Goss this morning. Holly responded to the latest FS Moll document... did edits. In the evening she worked on the Special Use Permits, for this summer - <sup>to be</sup> submitted to the F.S. A lot of thrashing in the airstrip, getting some big puddles developing mid-airstrip. Got into the low 50s. I seemed to do dozens of emails today - mix of work and personal - PBS.

Tues. Feb. 24

Started the day doing computer tasks and getting many things ready to go out... me for a week, Holly for two. Decided to try and fly out today after looking at the forecast. Saw that the strip had some big puddles so we <sup>1,000's of gallons</sup> hauled down the pump and removed several inches of depth off the <sup>1,000's of gallons</sup> mid-strip puddles. Isaac and Bjornen got ready on the other end - to come in... but to no avail, the weather wouldn't settle or open enough, maybe tomorrow - hopefully. I spent the evening doing a graduate school reference for Scott Fisk. Holly put several hot water bags in the Taylor C. valve box... trying to get some thawing. Airstrip puddles seemed better tonight... after dark. Holly made up the SUP permits for the educational programs (Bkell, DeVing, Oz's class) and emailed to the USFS, Krassel folks.

Wednesday, Feb. 25

We managed to make the switch today: Isaac and Bjornen flying in from Cascade and Jim and Holly flying out (but apparently it took them all day <sup>afternoon</sup> to get back out, putting down @ Pistol Creek to pick up one passenger and having to wait out some foggy weather. We had a wonderful ride in until we got to the TR airstrip where the ice and water caused a little stir from Mike Doris as we bounced and slid in. Exciting!

We got a quick refresher on the inner workings of TR, and the Jim and Holly flew out. Isaac and I spent the afternoon unpacking and getting settled, and watching many elk on the benches. The weather deteriorated.

Late afternoon we hiked downstream to Cougar Flats with telemetry. We were getting pretty good signals from down that direction. Trail very sloppy/icy. Evening chores, dinner, some reading/writing, and bed.

Thursday, Feb. 26

Woke to blustery snow, very heavy at times! Mostly a slow day, getting camera gear ready-to-go and waiting for a break in the weather (... or more accurately, simply not wanting to brave the weather). Mules & horses rambunctious in the snow. Jim called though, everything good. They were in Chicago killing time in the airport.

In afternoon Isaac walked down river again and I stayed back to practise my



fiddle (just began lessons!). Isaac returned shortly saying there was a kill in the river just around the bend (near salt lick). We both went back with remote camera and set it up on a tree across the river from kill. We're hoping for some action tonight! There was a coyote on it when we arrived, fairly brave, stuck around for a bit.

Back home just at dusk, put horses and Bird in corral, grained everyone, back to cabin to warm up. Temps dropping fast tonight.

Friday, Feb. 27

Woke to cold, clear day. Isaac left early with big camera and Jim's blind to go check on the carcass. Spent a few hours, didn't see much. Returned in afternoon, scared off a coyote, golden eagle and a few Magpies, but no wolves. Signals gone. Saw 50 elk in lower pasture.

Moved a few bags of cubes from feed shed to corral shed. Much snowball chasing with Kia on the airstrip. Isaac returned just after dark and put mules in corral w/ grain.

Sat Feb 28

Cold this morning with a bit of a breeze. Did morning chores and had a lazy Sat. morning reading around the fire. Watched some elk on the 2nd third bench. Took Kia on a few airstrip jaunts - All puddles are solid ice. I (Isaac) went down to the carcass in the river, only a couple ravens and magpies - carcass is very frozen/iced into the river.

Sun. March 1

Warmed up significantly last night. After morning chores we saw the elk on 3rd bench about. We watched them and eventually saw a lighter gray wolf headed up slope above the third bench. Soon saw birds on the second bench. I hiked up there and watched a coyote on a calf elk carcass - mostly gone but fresh from last night. Backtracked wolf tracks - at least 4 came out of Rush Ck - went up the Ice on Big Ck and seemed to return via the trail to Cliff Ck. Also smaller cougar tracks on trail around Rush Ck mouth. Saw Raccoon tracks on airstrip.

with  
Kia  
saw  
a coyote  
on the  
airstrip

BA  
5:30  
2:30

Mon., March 2

Very warm day! Up to 62 (actually house thermometer read 69!!). Lots of snow/ice melting and muddiness. Isaac hiked up to the ridge above the benches with telemetry. No signals. Earlier there had been signals, when taken from the house. I hiked down river with sound equipment. Recorded some birds and river voices. Carcass thawed out and covered with magpies. Brought back blind and set up in airstrip shed to dry. Late afternoon we worked on pumping airstrip for Jim's potential arrival tomorrow. Still very icy and wet. Pumped the main puddle. Later in evening it began to rain very hard, puddle probably all filled up again...

Tues., March 3

Woke to an ice glazed world. Paddock is like an ice rink. Trails nearly unwalkable around cabin. Airstrip froze over but only thinly, should be able to pump some more today, though weather looks pretty bad for getting Jim back in. Beautiful fog rolling around ridges and Indian face rock.

Isaac took several nice time lapses in the morning with fog on cliffs. Then rain set in and persisted all day. Jim called early afternoon from Cascade, confirmed unflyable out there as well. Temp dropped a bit in the afternoon. We both hiked out to retrieve the remote camera from off the first kill site. It had 46 hits, all in day light hours (w/ night shot on) so all unusable... so goes the remote camera! Airstrip seems to be thawing a bit, we're hoping it will begin to suck down the water tomorrow, but I'm sure there will be a lot of pumping going on as well.

Wed., March 4

Icy again in the morning. Weather doesn't look good for Jim flying in. Rain and snow comes in heavier by mid-morning. Airstrip looks a bit better, water has sunk in a bit. Stuck around all day in case weather breaks. Afternoon session on airstrip w/ Kin, chunking up ice and pulling it off puddles. Afternoon sucks in heavy with snow. Talk w/ Arnolds, doesn't sound good for flyg but they are keeping an eye out for good weather. Jim calls in afternoon. No good, will check in A.M.

We spend late afternoon logging footage. Good to catch up.

Thurs. March 5

High overcast all day. Mostly flyable here, but apparently McCall / Cascade in a white-out blizzard! Threw around cabin most of day in case a break occurred. Took turns getting out for walks and staying in radio earshot. I (Bjornen) walked up to 3<sup>rd</sup> bench in afternoon. Saw many deer and sheep clumps. Group of 4-5 elk bedded on top of knob just East of Taylor Cabin. Could see snow up on highest peaks. Began to get blustery. While doing evening chores, Isaac got telemetry and wolf signals booming. Saw 4 wolves on ridgeline just West of Taylor Cabin. Watched as one wolf took off galloping across slope to East. Isaac ran for camera, and we watched as the rest of wolves disappeared Westward. I finished feeding mules and Isaac began hiking to Sagebrush Flats. I followed when done. Signals booming up Rush Creek. Eventually we found wolves trotting down Rush Creek on ice. Filmed as they trotted downstream and then headed up Rush point trail. Group of elk high on slope, clumping. Counted six wolves, watched as darkness fell. 2 Elk cornered on end of ridgeline, one extremely club-footed (hind foot). Wolves messed with it a bit, but nothing more. Became too dark to see. Back to cabin, trail a little slick. JA worked on Peak Internship announcement w/ Lyngvare Banks.

Fri. March 6

Some blue sky visible this morning. We only got 1/2 inch snow last night. But now the icy patches are extremely treacherous as you can't see them. Running low on gasoline for generator. Isaac headed to Sagebrush Flats to see if anything transpired last night. Saw two coyotes, nothing more. Ray A. flew me back in just before dark on this week's mail run - a couple days late... 12" of snow fell in Cascade yesterday. Holly actually dropped me off in Cascade on Tues. and then went over to our OR. property for 5 days. We had a good trip to Tenn., for me to attend the PBS Council mtg., and Holly to attend a log cabin show. Pretty cold here, barely above freezing this pm... and well below by bed-time. Went through 1/2 of 84 new emails on the work account.

Sat. Mar. 7

Did the usual morning chores, went through the remaining 42 emails. Went for a hike to the Sage flat, 41 or 42 elk on the Rush switchbacks. 5 or 6 bulls, very few calves. Got settled back in, vacuumed the floors. Watched B-ball. "Skyped" with Dale, talked to Holly.

Sunday Mar. 8

Woke up with flu type symptoms - stomach, plus chest congestion. Layed - low today, other than doing the usual, necessary chores. Visited cabin with Dale and Holly. It snowed quite a bit today, windy too.

Monday, Mar 9

My stomach is still off, but did the usual chores. Fined up the blower and laid some tracks for Ray to see, it is mostly clear today. Ray flew in with Laurie from IDFG to begin installing the screw trap. Spent 1/2 the day working on the annual report, also wrote up the Feb. weather. A lot deer/ellk/sheep on branches... and acting alert. Snow squalls, windy, cold... hardly spring like!

Tuesday, Mar 10

I finished the annual report - draft anyway, emailed to Holly for review. The rest of the F&G fish crew flew in with Ray today, Kim Apperson, Dave, and Kiira <sup>Sitar</sup> (who will be the primary trap tender). They actually got the trap assembled and launched by dark! Visited with Kim A. about F&G species (fish) <sup>long term</sup> monitoring activities. She said she'd send some information. It barely got to freezing today, also the crew heard wolves howl all day... Rush CR.

Weds, Mar 11

Attempted to get the backhoe going... charged/cleaned battery & terminals. Still no luck, suspect cellinade is bad. Corresponded w/ C. Baxter on his May-class proposal and Amie-Jane on work offer from J. Goss. Emailed with Goss and Hess on alternative power sources for Taylor. Ray flew in early afternoon and took out Kim & Dave. Did the usual chores and looked over the mail. Holly met w/ J. Goss this pm, so she called to fill me in... funding sources to supp. our FTE's <sup>3/4</sup> TE's



Thurs. Mar 12

Down to 8° again this morning. Kim Apperson mailed F&B Fish monitoring activities - back to early 80's. I plugged some of her wording right into the annual Report. Attempted to get my chain-saw running - no luck, will send out. Holly prepared for and gave her talk at the TWS mtg. (Moscow) today... on coyotes: source-sink population dynamics. I hiked around L. Rush cr., a lot of elk sign but no carcass found... or even fresh wolf tracks. Saw 2 Coyotes on the sage flat... they were harassing some chuckars. Heard from H.Q. that Maurice Hornacker made the 1st cut for the prestigious Indianapolis Award (100K. cash reward for life conserv. efforts!)

Friday, Mar 13 (Fri. the 13th!)

Visited with Laurie about the summer schedule - time for work etc. Laurie, Kiira, and I sawed down 3 firwood trees above Lewis Cabin and slid to the trail. Visited with Holly a few times as she travelled south. Attempted to start the backhoe, must be a short somewhere... cellinade? Ray flew Holly in at 5:30 pm, and took Laurie out. He also brought in 2-15 gal. gas containers - full. Kiira reported a dead (Killed) bighorn lamb on the ice 1 mile upstream. Holly got settled back in after 3 weeks out - or vacation after Tenn. trip, then attending the TWS mtg. in Moscow (gave paper), and met with J. Goss.

Sat., Mar 14

Holly, Kea, and I hiked upstream and checked out and photographed the wolf-killed bighorn lamb. Warmed up today to 50°, getting sloppy out! Made another futile attempt to get the backhoe running. Kiira cleaned-organized the bags in the east corned shed. Holly came up with idea to start up the water reservoir for laundry.

Sunday Mar 15

Started up the hose(s) from the water reserv. (brown bldg.) to the Taylor C. Had some issues with air in the line and ice @ the tank valve. Holly did 3 loads of laundry - still had to haul water in buckets. I cleared off the upstream water intake. Had Kiira over for fajita dinner. Hauled water, firewood, stock feeding... getting mucky around the barn.

Monday, Mar. 16

Holly did accounting stuff - Visa receipts (AT), annual leave, travel information, etc. She also went over the Annual Report - adds additions etc. I looked over Asst. Mgr. job description to change if Tyler doesn't want to do the reduced time aspect (4 mos.). Looked over past 3 yrs. in Taylor book for waterline start up comparison. We are running about 2 weeks late on water intakes being ice-free. I looked over the E. side intake, way too icy (against bank) to start up. Cleared the grates on the main intake, pretty plugged up with paraphyton. Many elk in Lower Rush CR - 12<sup>th</sup> bench, 40 or so. Did the usual late-winter chores... feed, firewood, <sup>water hauling</sup> ice chopping now that warm. <sup>→ trails</sup>

Tuesday March 17

I added info to Jim's annual report and we discussed additions. Jim sent out info in emails - to Neil on stream conditions, winter weather, solar panels & instrumentation. Jim worked on backhoe maintenance. We check water intake and bleedout valves daily to see if waterline has thawed - still some ice in valve boxes that have had the lids left on. Ran the generator 3X/day for power. Kiira organized the tack & storage sheds & cleaned horse blankets.

Wednesday Mar 18

Jim got the backhoe running - bad battery connections - and moved feed to corral shed. I added more to the Annual Report. Worked on the water & power systems. Dave & Nanette flew in on the mail plane and Dave (IDFG) worked with Kiira on the screw trap. I replaced water in the hydro batteries - very low. Jim's crown came off, so he flew out to the dentist late afternoon with Kiira's flight. I hiked down to the lower pasture & investigated an older (2+ weeks dead) bighorn pair pile (carcass) - from predation. Spring birds showing up - <sup>song sparrows</sup> pine grosbeaks, pine siskins, red polls, C. geese, rb nuthatches, crows, ... no robins?!

Thursday, Mar 19

Email correspondence — McCall High School spring trip coordination, NOAA fisheries trip next week, bat work in Nevada — volunteers, CNR assistance/info request. Worked on hydro inverter settings & trouble shooting — why do we have to run the generator so often to maintain power and why does the generator cut-out?

Friday March 20

Sent out a 2008 publication list request to researchers for the annual report and added those to the report as received. Inquiries to Baxter/Crosby about an undergrad researcher-selection; to Lee Vierling — reminder I need Amanda's GIS report for Taylor Ranch data. Checked Big Cr water level for Steve Achord — trip next week. Sent Jim G<sup>copies of</sup> special use permit applications to PNF for TR users. Equalized batteries in hydro, then reset charging limits and tried again after batteries did not charge well. 63° today — 10-20° warmer than recent temps!

Saturday March 21

Kea & I hiked to Goat Creek — 1<sup>st</sup> marmot & buttercups at the lower pasture, red polls & golden crowned sparrow @ yard; towhee & kingfishers & 2 geese along Big Creek. Wolves howled last night — B319 signal up Cliff Cr today. Worked on taxes & napped. Had chicken & dumpling dinner at Dave & Nanette's (lab) & visited in the evening — TR stories,

Sunday March 22

Nanette cleaned DeVlieg Cabin & Hornocker Cabin. Tried to equalize batteries again today — hydrometer shows fair to poor charge immediately after generator charging. Read up on batteries, charging, and equalizing — time for new batteries: they have lasted 3.5 yrs for 5yr life span. Rainy day. Researched cabin floor plans for our Oregon property.

Monday March 23

Weather turned cold again <sup>7 snow</sup> and no waterline thaw - altho the surface ice is gone from the ground. Readjusted settings and tried to supercharge & equalize batteries again - no luck. Jim is in Boise at the dentist and purchased 8 new Trojan 105 batteries from Standard Battery - for the hydro. Steve Achorl canceled his flight from McCall until tomorrow. Incorporated pubs & presentations into annual report - Baxter, Mailson, Holocok, Cromwell, Crosby, Olsen, Link-Eversole, Akenson... Wolves howled again last night - every night since Thursday night - on upper benches of Cliff Creek. No more telemetry signal today. Elk (40) headed down Big Cr yesterday or elk (40) behind our cabin on the ridgeline after feeding on the airstrip. Jim flew in @ 5 pm. with Kiira, Nathan and a totally packed 185 plane... flown by Ray, we were at absolute max. load!!

Tuesday, Mar. 24

Put things away from the trip out and TR shopping. Holly cont. <sup>- citations -</sup> issued with annual report edits. I did my quarterly report for PBS. Started list of jobs for F&B folks back here. The stock broke out on East side of lower flat... I fixed it, temporarily. Prepared some outgoing mail. Hiked to the super flat; saw 25 elk on the switchbacks. Holly did coordinating with Oz on his graduate class field trip, she sent many other emails on past travel recording, etc.

Wednesday, Mar. 25

No mail plane today, snowed most of the day. 68 elk below the 1<sup>st</sup> bench, only 4 calves in group. After doing the screw trap, Kiira and Nathan treated poles/wood around the corral shed... using hot pepper and linseed oil... which the damn mules chewed and licked - and liked!, back to motor oil. Holly continued edits/expansion of the annual report. She emailed Herb Hess on trip timing. I emailed Jim Gatz with duties of the Asst. Manager... and description of how that helps us. Lived out Kiira & Nathan on airstrip since Repair



We watched 25 of the elk run from Cliff Cr to the West Knob. Then saw a single wolf walk onto the West Knob and past the elk - 15 yards away! The elk didn't move and the wolf passed by and walked down toward the Big Creek trail and upstream. "Standing still" is probably what has kept the last few calves alive with wolves testing the herds. Just a few minutes after the wolf left the elk herd began feeding on the knob and slope where the wolf had been. They did not seem excessively nervous. The other 45 elk were around the 1st bench, grazing new greenup.

Thursday March 26

A few more additions to the 2008 Annual Report Jim wrote. Corresponded on Kingery's class, whitebark special use permit, NOAA stream monitor exchange, engineering students trip, Kennedy research citations, Internship applications, Amie, June & Tyler. Jim cut and moved firewood logs with Cricket so Kiira & Nathan could cut & split firewood for their cabin - work for lodging. Ray Arnold flew in with mail and batteries and grain in the evening. Big news (letter) from the Postmaster — the Washington DC office decided not to renew Arnold's mail contract, so we are expected to have P.O. Boxes in Cascade instead! That won't work well! Ray will give us some contact info on who to contact for help on this matter — senators/congressmen may be the most direct link. Mail service to end June 30, the same day Jim and I are to go to half time positions due to CNR budget cuts!

Friday, March 27

Did the usual chores and found that the stock broke out again - east of the bridge gate. Brought them back one more time, repaired rail. <sup>- done 3 times, actually</sup> Kiira and Nathan helped me skid 6 short logs for firewood using Cricket. Holly did edits/changes on the annual report. Lynne emailed us 10 applications for the Blackinton ship... looks like a very good pool of people! Kiira and Nathan looked down to the Middle Fk... and back @ dark. Heard wolves howl @ night - bunches.

Saturday, March 28

Stock gone this morning - broke out a panel this time. Got Nathan and Kiira to help me upright and repair it, put in a second buck this time. Holly studied log cabin heating options. Did household chores and had Nathan & Kiira over for an elk Buvito dinner. Heard distant wolf howling this morning.

Sunday, March 29

Mostly just took the day off. The elk have flopped canyon sides, right behind the Taylor cabin now. Holly did work some on annual report, but mostly personal stuff. Walked Ken twice <sup>the second time Kiira & Nathan took her down the airstrip in a heavy rain</sup>

Monday, March 30

A nice day today, but we mostly were inside working on computer projects, or evaluating the 10 intern applicants. Holly did several emails and did more editing of the annual report. I finished intern evaluations then used the backhoe to fill the sink-hole developing mid airstrip, first using gravel/dirt then fine dirt on top. The stock are still Arook

Tuesday, March 31 (snow this pm)

Poor weather today, the F&G flight bringing in Laurie never made it. Worked more on selecting interns - Skype visits with Ed Krump. Holly did even more edits to the An. Report. Oz Gorton decided to cancel Taylor trip given the weather forecast, they'll try again in 2 weeks. Many emails - Achord, J. Rohman, Lynne, Ed K. OZG, etc. Still no changes with the water system.

Wednesday, Mar. 32 (April 1!)

Ray flew in this morning with Jamie and mail-food. He didn't make it back in to take out Kiira and Nathan. Worked afternoons and Ed K. setting up for intern interviews. Holly continued on the annual report editing - seemingly endless! My knee cap turned out to be very sore and inflamed today - a mystery of sorts.

Thursday, April 2

A foul day weather-wise, no flying today. I wrote up an essay about the loss of the mail service - sent around to B.C. folks/reporters. Holly mailed the FiB vet lab regarding the sick marmot covered with Lice, it sounds like a bad year for lice. Interviewed Janette Rounds for one of the interview positions via Skype with her in Ed K.'s office - worked good! Finalizing the ann. Report - Holly up late working on that. Also today Laurie J. reported seeing a wolf east of the conger pen. Had the FiB view over for a spaghetti dinner. My knee cap very inflamed and uncomfortable.

Friday, April 3

Today was a busy day of student interviews via Skype. We had some internet kick-off issues but were still able to pull-off interviews with Katlyn Sackett, Ryan Blackader, and Joel Ruybeckt... all did very well talking into Ed's computer & video cam. No plane today! Holly finished the An. Report, I gave a final review and we sent it up to Moscow - Dan's, Adv. Comm., a few other interested folks.

Sat., April 4

Typical day off, still had chores to do. Ray flew in this afternoon and took out Kiira and Nathan and took in Duce to operate the trap. Laurie will stay in another day to work with Duce. A couple 5 gal. containers of gas came in with Dave for running the generator. Milked a little water out of the main valve, but not really a flow.

Sunday, April 5

Nice sunny day today. Ray came in late afternoon and took Laurie out. He came in with a full load of fuel -- 255 gals. of helicopter fuel, 1-50 gal. included for us. Holly did a couple very slow loads of laundry... using a slight flow from the storage tank. A lot of critters out in the sun today - on the benches, mostly deer. Bald eagle flew by too. Holly sent text Federal taxes today w/ Ray.

Monday, April 6

Quite a day out weather wise - temps into the upper 60's! We did coordinated in turn interviews with Ed Krump using skype, first interviewing Jacob Johnson in Ed's office and then Katie Paul in Australia! The skype w/ Katie had a few glitches, but ended up working OK. Used the fire pump and refilled the hill-tank. I had to totally clean rust out of the fuel tank and line before it would start - but it ended up running great! Holly raked out the flower gardens and did more laundry. Also, this morning McCall Air came in with Steve Achard from NOAA. Steve changed out his water quality monitors and checked on the <sup>in stream</sup> antennae situation.

Tuesday April 7

Jim & Dave got the water running to Dave Lewis' <sup>Arlo's</sup> cabins. Jim communicated with Jim Gosz to check the budget decisions on hiring Tyler & Ami-June. We did get "unofficial" confirmation we can hire each for 6 months. Still no word from Bill McLaughlin whether the 2 of us will be offered anything more than 1/2 time each come July 1. What a budgetary mess we are dealing with this year! We emailed back & forth with Idaho Statesman reporters and others about the loss of mail service in the backcountry on June 30. I wrote a personal letter to our representatives about my concerns regarding the Postal Service decision. We received a letter from Dale Allen IDFG seeking clarification on the Screw Trap MOU; Jim responded and communicated with Brian K & Jim G on the issues. Jim researched & sent a list of radio collar frequencies we used on cougar research to the NezPerce Tribe as requested. I sent billing travel info to Lori M.



Wednesday, April 8

Wolf pack howled on benches last night. We changed out the Hydro batteries - 6 yrs use for 5 year batteries. Latest purchase from Standard Battery in Boise. Contacted Lynne, Jim G, and Lynne on Internship hiring. Jim Skyped with Jim Gosz on hirings, F&G Mou and lodging fees. Coordinate with IDFG on bighorn helicopter surveys & refueling @ TR. Jim contacted Kristen & Ellen about their project proposals & reports. Invited Dave over for dessert. I sent "Mail Day" photos to Idaho Statesman for article.

Thursday, April 9

A very busy day! First thing in the morning I saw Pioneer Cr flowing black and thought it blew out from recent warm temps. We soon found out the 4" line to the hydro had finally thawed and there are several major pipe leaks which caused the mudflows from the orchard into Pioneer Creek. No quick fix - we requested funds to hire someone to excavate & repair the line. I tracked 7 rattlesnakes to locate them in the Pioneer Cr den area & GPS for Javan. Jim wrote a letter of recommendation for Luke Cerise for graduate school and emailed Lauren about a possible hire for the whitebark pine project. Jim & Dave flew out and Kiira flew in for the screwtrap. Jim's knee has been very painful 10 days so he will see an orthopedic specialist about the knee and recent hip replacement. IDFG bighorn helicopter crew (Jon Hunter, Mike Scott, pilot Ron Gipe) refueled twice @ Taylor & visited. - Jim will get a day of pay for his forensic work locating & photographing the exact site where a bighorn sheep was poached last year - he found the site using a photo IDFG obtained from the poacher!

Friday April 10

Kea led me to a cougar killed elk near Rushwind sack! I put together some powerpoint slides of students & projects & sent to Jim G for his presentation. Contacted Lynne on emergency hire for hydro waterline work. Jim went to the doctor - knee diagnosed as severe sprain/strain of quadricep tendon following hip replacement surgery. Jim bought plumbing supplies

for the hydro waterline repair and arranged for Dale Borum to do the work. Jim called our 3 selected Bleak Wilderness Interns: Janette Rounds, Joel Ruprecht, Ryan Blackadar to offer them positions and I emailed the interviewed students we did not select. Jim & Ed also offered Jacob Johnson an Internship/mechanic position — directed through Ed for credit, but supervised by Jim — to give Jacob professional wildlife experiences and give us a skilled heavy machinery mechanic to get the backhoe and other equipment at Taylor in top operating condition. Jacob has summer funding through the Marines. Amie-June & Tyler Skype called & we talked an hour. Jim Gosz confirmed funding for 6 months each this summer. They will start work May 2 in their positions from last year — Assistant Manager (Tyler) and Administrative Assistant/Data Management (Amie-June).

Saturday April 11

Jim & electrical engineering undergrads flew to Taylor (Justin Schlee, Paul, Stephan). I kept Ray busy with homemade cinnamon rolls. The students, led by Justin, are developing an electric plan for Taylor using solar, hydro, and <sup>Propane</sup> generator, supervised by Herb Hess, elct eng. professor. They applied for an NSF grant to fund the project implementation. Jim showed them our current systems & we discussed our needs. They flew out to get home for Easter. Carol Arnold sent us an Easter goodie bag! Jim & Ray brought the Idaho Statesman with front page story & photo about losing the mail plane contract. Jim & I were both quoted & they used my photo of Ray & Wilbur Wiles, at Big Creek. My feeling after having the engineering students here is that they have little understanding of "all considerations" when improving the electrical infrastructure... nice guys but don't understand issues such as the ecological aspect of de-watering Pioneer Cr., Justin seemed most receptive to environmental and visual perspectives.

EASTER SUNDAY April 12

We took the dogs for a walk and a bowshoot. The geese taunted Kea - she pointed them, then flushed. I worked Kea with Cricket to see how she did following me while I rode a mule - no problem at all! Jim got on and off Cricket to see how his hip felt. We got together with Kiira for an Easter BBQ outside 1<sup>st</sup> one of the year - a nice dinner and a warm sunny Easter day!

Monday, April 13

A day of many emails, plus a skype conversation w/ Jim Goss on our positions... with a new assignment to come up with "time proportions" for us, A-J, and Tyler during summer months. Mike Scott sent us helicopter - sheep count information, I emailed him back with our ground count information for comparison... they only saw 4 lambs, total; we had 15 observed. Holly sent more mail plane information to Carol Arnold - on erroneous way that the residence-per-place are calculated. Holly reviewed the proposal by Kristen on the TRVing grant app., she also reviewed Ellen Hamman's for ways to tie-in. I worked a half day today to make up for Saturday spent with the Engineering students. Oz Garton cancelled the field trip for later this week.

Tuesday, April 14

Heard wolves howling last night - mouth of Cliff Cr and Pt beach. Holly found an elk carcass out on the Island off the airstrip west end. I went through the Taylor book and determined our summer staff time allocation and put into document form. Holly emailed Oz Garton with suggestions to help make the wilderness monitoring class fly next year.

Weds. April 15

Tried to communicate with Pam Bell on our "job offer", she didn't have much to say. I probed some on the online kals. We took some comp time to work on applications.

Thurs. April 16

Kira flew out

Ray flew in midday with Dale Borum and Jamie Janssen. Got Dale signed up and we started tearing into the water line breaks. The breaks are more extensive than imagined! We are in for a big job! Jamie resumed screw trap operations. Holly took some time off to work on her vitae. Emails/chores as usual. Janet Pope sent nice supportive email to JPH.

Friday, April 17

I ran backhoe all day.

Spent the day exposing the waterline, ended up with 120' dug up - what a mess! Had Arnold's search for supplies and actually located all needed @ Robertson's in Fork, AA will fly in tomorrow. Jamie needs a mink trap. The mink's been marauding the screw trap storage well. BBQ steaks, w/ Jamie too. Holly continued w/ her vitae updating.

Saturday, April 18

Holly, Dale, and I bagged-up (cube bags) all the water-line refuse - broken, shattered pipe and busted insulation. We also got the hydro put back together. Ray flew in late afternoon w/ all the pipe and insulation - a packed plane! I dug out the leak 40' back from the hydro, found the break. Jamie set the mink trap on the screw trap.

Sunday, April 19

Another long day on the ditch/waterline. Actually got all the pipe laid and glued. The process was a bit tougher given the stubborn slip joints we had to use. Packing up a lot of camp time - 11 hard days. Many elk, deer, and some sheep around.

Monday, April 20

A warm day today, >70°. Had to redo the compression fittings 2x! when we put water into the pipes. Did get all the insulation put in and 90% of the backfilling done, and resetting the valve canister. Still no word from UI on the employment future. Laurie had to pull the screw trap, debris in water.



Tuesday April 21

Jim & Dale & Laurie flew out in the morning. Jim is headed to Pope & Young in Denver. Holly & Kiira exchanged refrigerators in the Lanham Lab, since the Crystal Cold still doesn't get cold enough. I tried to turn water on at Lab & Hornocker cabins, but both had cracked pipes in hot water lines, so no go - except cold water in Hornocker. Tyler can repair lines when he gets here - he may be able to troubleshoot what went wrong when he drained the lines last fall. I took apart the hydro assembly and flushed a handful of pea sized gravel from the jets with a garden hose sprayer; siliconed up the foundation, but found I could not glue it in place because there was too much pressure on the 4" line slip joint. Jim & Dale had repaired/replaced - leaving 1.5" extra pipe length. Back to 3x/day running the NOAA Yamaha generator for power until Jim returns. Re-Organized cabin supplies & dishes. Reviewed a donor letter template for Sue McMurray regarding Taylor Ranch. Jim purchased better hydro replacement parts at several Boise businesses.

Wednesday April 22

I hiked around TR & recorded plant phenology and took photos. Leaves are just starting to unfurl on most plants! Kiira and I hiked to Mule Basin to look for a kill after Jim said they saw a wolf pack in Mule Basin when they flew out yesterday. Checked waterboxes, bridges, and irrigation ditches for high water concerns. <sup>THURSDAY</sup> Sent correspondence on Colden's stream ecology class visit, updating online access to the RAWS station data; Katy or Sam ibuttons <sup>(weather data logger)</sup> deployed using intern assistance, NOAA antenna internet problems, scheduling new UI president et al to TR; scheduling June & Tyler's start date. <sup>Jane Urbaska</sup>

Thursday April 23

Trimmed horse/mule hooves: Star & Penny + 1/2 Cricket, 1/2 Bird. Checked (high) water systems - 59° overnight temperature. Wrote Student Outcomes list/spreadsheet of jobs & grad school by <sup>TWRS</sup> undergrad students. Sent many emails: Cullen & scientists letter, microclimate (temp/pressure) sampling collaborations/assistance. Spent the evening sending Janet Pope content information for the TWRS webpage. Skyped Ben Crosby about his projects, funding, logistics.

FRIDAY April 24

Sent info on DeVlieg funded programs, hiring Interns and Asst Mgr & Admin/Data positions, coordinating supervision of the data mgr position; more website additions sent to Janet Pope - 4 hrs; more coordinating summer visits (2) for development; travel plans for Amie June & Tyler start dates. Had Kiira over for dinner & watched "The Dog Whisperer" on TV.

Saturday April 25

Organized some camp gear in the storage shed. Moved kitchenware to correct cabins. Read my "Green Construction" book and reviewed some "LogHome Living" magazine floor plans — planning for construction of our new home @ Geiger Butte.

Sunday April 26

Weeded & pruned raspberries, peonies. Cleaned the house & decluttered. Cleaned up winter debris around cabins. Cleaned Hornocker cabin - spring cleaning & laundry for our friends visit. Wolves howled @ 11 pm.

Monday April 27

A few emails to respond to - RAWs data availability fix with Jim Reardon RMRS, budget info for Flathead trip, Amphibian monitoring workshop. Getting ready for Jim & friends Greg & Amy to arrive. Took vacation time in pm to spend time together. Jim stopped for plumbing parts in Boise.

Tuesday April 28

Wolves howled at 8 am.

Repaired the hydro - adjusted slip joint & re caulked hydro base. Cleaned periphyton off instream water intake to improve flow to waterbox & plumbing. Bill McLaughlin skype called to discuss FY2010 planning for Taylor Ranch, including a slightly worse than anticipated salary cut of 40% for both of us → to 7 months vs 12 months employment each! Jim gave permission to the Wild Sheep Foundation to publish our annual bighorn survey data and use my best bighorn photo on the cover of their newsletter. He sent historical Sheepeater Indian information to the 2nd person who has inquired this month. Coordinated with Ben Crosby & Janet Pope regarding a potential ISU DV Undergrad Scholar. Took 1/2 day off with friends.

Wednesday April 29

Jim turned on hydropower after bleeding out a large quantity of sediment from the 4" line and cleaned periphyton off screens again. We have power! Contacts / emails on Intern hires, IH hires and budgets, website changes & Taylor Ranch name, development visit, RAWs station data access to Ben. Spent the afternoon hiking with Greg & Amy → Holly & Amy to the Gorge; Jim & Greg up Rush Creek. They called in 1 of 2 wolves to within 30 yards with a predator call. Invited Kiira for dinner.

Thursday April 30

We spent the day on Taylor Ranch business - hail & squalls kept the mail plane from getting to Taylor. Speaking of Mail Plane - our efforts to get our representatives involved have paid off - sort of - Senators Risch & Crapo met with the Postmaster General's staff and intend to follow up with a rider on a bill to restore the mail contract after the Postal Service refused to change their decision. Gov. Otter also sent a letter to the Postmaster General as a result of our letters to him from the backcountry. All that news & copies of letters came in on our email - good we have one reliable form of communication! Jim processed receipts from purchases he made last week. He and Greg repaired the lawnmower. I updated the Internship Orientation information. Amy & I did a short mule ride in the evening.

May 1<sup>st</sup> (Friday... Dad's 90<sup>th</sup> B-day)

Kiira flew out, Dave in.

Took the day off... except Holly spent 1/2 day on TR errands... to AJ/Wheeling on GIS data, Goss on TR computer needs, and K. Kavanaugh on her i button plans - special use permit. Loaded up camp gear and headed to Goat Basin w/ Greg & Amy. Nanette will care for Mica while we are gone... out of here @ 3pm - 4 trail crew headed downstream.

Saturday, May 2

We had howled a lot last night. I called in a reddish bear near Goat Basin using a call-dying rabbit. No photos, or bear shots though. Found a cougar killed calf elk on the Goat CA flat and then another kill in the Gorge... ewe w/ full term fetus. But pitched friend Greg off today, second time in 2 days. He's ok but doesn't bode well for the mules future with us. Rode home in the rain... pretty cold by the time we got back to TR! Holly did the monthly weather summary and put in mail bag.



Sunday May 3

Laundry & packing day between rain squalls. Tyler & Amie-June tried to fly in, but the weather was never stable enough. Jim & Greg hiked back down to the Gorge - wolves had fed on the elk calf carcass. Trail crew stopped by for a visit - Shilo (Cabin Creek), Jesse (Big Creek), Dave (Chamberlain), Riley (Cold Mtns). I gave them a tour of Taylor and hot chocolate at our house. Amy made cookies in the wood cookstove - another one of her "firsts" on this trip.

Monday, May 4

A full work day for us - many emails before we head out on vacation. Amie-June & Tyler flew in with a plane load of gear & Pan (cat) and we filled the plane with outgoing gear since Gofus & 2 dogs will fly out tomorrow. Ray is mostly using the Cessna 185. Two Geese on the airstrip. Greg & Amy hiked upstream while we worked. We met for several hours with Tyler & Amie-June about upcoming projects, work situation & funding, job descriptions, and heard about their trip to Flathead Lake Biol Station and training on data management. We had a group potluck at the BBQ pit - H & J, A-J & T, G & A, and Dave & Nanette. Greg repaired Arthur's winter hunter so the pilot would stay lit.

Tuesday, May 5

A full day of waiting, Ray could not make it in due to the weather. Worked with Tyler on plumbing start up to the DeVlieg and went over other plumbing repairs. The DeVlieg had one mainline break underneath and both shower faucets leak. Tyler and I put together a plumbing supply list. Amie-June got back into the office routine's data projects. Holly made pizza and Amy apple crisp... lots of food, lots of Rain!

Wednesday May 6

Another day of waiting for the weather to break. The weather was not flyable here but Ray flew in anyway. He picked up Greg and IDFG Dave & Nanette for the 1<sup>st</sup> flight at 9AM. They flew around 1.5 hrs before spending the day at Pistol Cr waiting for a weather break at both ends of the flight - got to Cascade 7pm. Jim & Amy & I didn't get our flight. Jim & I spent the day on Taylor business. Colden's ISU Stream Ecology class flew in to Cabin Cr and hiked to TR - a Visiting Professionals <sup>travel</sup> grant. Jim gave the class a history & ecology talk. We met with Colden about the budget problems for Taylor Ranch & visited with Wayne. I review the ISU undergrad research proposal - Liam - Ben Crosby's student. Tyler got the Hornocker plumbing repaired & most of Devlieg.

Thursday May 7

Looks like we will fly today. Jim & Jim Gosz talked on Skype at 7:30am. We did some computer correspondence & short visits with Wayne M. & Colden. Tyler continued plumbing repairs & restoring water to cabins. Amie & June organized info for data management. Big Creek is running white from Monumental. A wolf howled last night. Peak phenology this week on leaf out, Colden's class worked at Rush Cr.

Friday, May 8, 2009 (Entries by Tyler Morrison)

Jim, Holly & Amy all made it out without any problems yesterday. Colden and his class hiked down to the Middle Fork and back today. On their way they found a fair amount of blood by the mineral lick/archeological sit, and more ~1/4 mile downstream of that. They think a predator ambushed & injured an elk in these locations, but they didn't find a carcass or drag marks. AT continued working on her report of the Flathead trip and I worked on the plumbing under the lab (fixed most of the leaks, ~~but~~ but I need parts for the last

Flathead B. trip. wrote up summary

leak). I filled the reserve water tank & syphoned out the W water box yesterday, so we should be reasonably preped for high water (as much as that's possible!).

Saturday, May 9, 2009

Colden's group flew out early this morning & had great flying weather. AJ & I spent much of the day moving into our cabin again. But since it was clear and warm out we took time out to hike to the second bench. At the top a line of 6 rams went right past us (all at least  $\frac{3}{4}$  curl, fat and thin & shaggy from the winter). Neil spent the day getting started with his work. Kiira had a very slow day with only one fish in the screw trap. It was AJ's birthday so we had Neil & Kiira over for cake & conversation in the evening (a delightful time).

Sunday, May 10, 2009

Another day of warm, clear weather. Kiira had another slow day with only six fish in the trap. Big Cr is still a milky green color from the previous rains. AJ spent the day relaxing, reading, & baking. I couldn't resist the nice weather and hiked up to Rush Cr. Pt. Lookout for the first time. There is still some ~~snow~~ snow at the top, but not enough to be problematic. I also saw very fresh wolf sign near the top (less than a day old).

Monday, May 11, 2009

This was the third clear and warm day in a row. I'm curious to see when the creeks will hit high water mark (not much rise so far). The stock came back into the main pasture and got their fill of salt ~~to~~ this morning. I fly sprayed them (Cat was the worst with dozens of flies on her chest) and sent them back out again. I repaired the plumbing leak in the Arlo lawn, as well as fixed the gate in front of the Hornocker. AJ worked on data reports & correspondence, as well as and also trained me in the billing for lodging procedures. Neil hiked up the benches this afternoon.

Tuesday, May 12, 2009

The weather has been sporadic today, with a mix of clear skies, high winds, and snow flurries. I spent most of the day clearing irrigation ditches to prevent

them from plugging up if they start running during high water. AJ had a Skype call with Jim Goetz this afternoon but the connection was pretty bad (possibly related to the high winds). ~~In the afternoon~~ Later AJ helped me cut up some firewood with the chain saw for the Hornocker & Lewis cabins.

Weds., May 13

I drove over to Cascade from Baker City. Yesterday I shopped for more plumbing supplies (D&B & Ace H.) and TR supp. Tyler put away the water pump and hoses, insulated and covered exposed  $H_2O$  lines, and moved lawns: Arnolds, Hornocker, and Taylor-front. I ended up flying in late afternoon, pretty bumpy. Got caught up with AJ on her data abgt. report, and Tyler on TR plumbing issues. Put things away.

Thurs., May 14.

Awoke to 4 deer in the yard (2 bucks, 2 does) and 15 elk heading up Cliff Cr. Looked over lab plumbing w/ Tyler as he assaulted it - had to move out the sink-cupboard to access inner wall plumbing breaks. Emailed w/ Colder on the conf. call on EDCOR funding/activities. Found emails regarding Arnolds renovation and emailed to J. Goss and C. Eldredge. Started weedeater and used some. Caught up the stock as they came into the main pasture, fly-sprayed them. Communicated all day w/ Arnolds but the weather wasn't good enough for the flight of Hirii out and Laurie in. Corresponded back and forth on the McCall High School group (15 students, 4 adults) with teacher Debbie Faraday.

Friday, May 15

After the morning chores, Tyler and I took apart the hydro. and backflushed the jets... 2 of which were very plugged. Did restore power production (on the alternator) to 30 amps. Tyler continued fixing leaks in the lab walls... the most leaks since '89. AJ and I listened in on a conference call involving the



EPSCoR group, led by Colleen Baxter. The Dean and J. Boss led off describing the new <sup>financial situation</sup> direction... w/ focus on more pubs. and extensive networking & data mgmt. NO mention of previous (our) contributions. Colleen provided <sup>additions and</sup> corrections and support for us and past research and educational efforts. This did not feel like positive dialogue for H&I, no surprise I guess. Also this morning, Ray flew in exchanging Kira for Laurie. Laurie caught a 24" Ken steelhead this evening... Right ~~after~~ <sup>before</sup> I got there! Big CR. is on the rise.

Saturday, May 16

Tyler and A-J worked today, mostly getting ready for the McCall High School group arriving tomorrow. Tyler successfully finished the lab plumbing & 1 DeVlieg shower - N. side... all tested good. Ray (in the 185) flew Holly, Joy, and Christie in for 5 days. They got settled back in, put stuff away.

Sunday, May 17

A lot of activity today with the McCall High group coming in, actually most to Cabin CR. But 2 planes into here. There were 19 people (to tally), 4 adults and 15 students. Adults were Rick & Deb Fernandez, Pat Allen, and Suzy... w/ a special needs student (M1). After getting them oriented and settled in, Holly did Rattlesnake telemetry on "the J" and located 3 snakes with the class. In the evening we had a taco feed @ the BBQ pit. Also today, Patrick and Amber stopped by with an FS packstring. They ended up camping downstream @ the meadow flat and had taco dinner with us. I gave the usual TR - Dave Lewis - J. Taylor - M. Hornocker history talk.

Monday, May 18

Big CR. is rising about 1' per day now - from snowmelt. I met the class in the lab, continued the history and research and educational discussions. Then, took the group over to the screw trap and

Laurie gave them a talk on anadromous fish, pit tagging, and the workings of the screw trap. We then hiked downstream and I talked to the class about the Shupenaar life style and the Fernhady archeo. camp from the mid-80's. The work project for the group this year was leveling the ditch repair job through the orchard. At noon, McCall Av. started shuttling the class to Cabin Cr. with an Islander and a 206. Rick flew Deb and supplies out in his plane. Tyler spent several hours on water-intake issues. Pioneer Cr. is also really rising and getting more turbid. Had a Birthday potluck this evening @ the BBQ pit to celebrate Neit's 26<sup>th</sup> B-day. Holly did many, late night, emails (UI).

Tuesday, May 19

Big Cr. is almost on to the airstrip. I went over screw trap securing issues w/ Laurie. Main water intake on Pioneer Cr. has had a lot of issues. Ray flew in late morning w/ Kiira to replace Laurie. The wind really picked up right after Ray flew in and he and Laurie couldn't fly out until 8:25 pm. Holly took Joy and Christy on a ride to the Gorge. I did emails and restored water most of the day.

Wed., May 20

Airstrip is flooded this morning, not severe but 8" deep in puddles. Holly and Nicco hiked to Cabin Cr. - Christy & Joy need to catch flight home tomorrow. Ben and Liam hiked down from C.C., got here just before dark. Again, I spent a few hrs. on the water system. Emailed Kathy Nash regarding the Cliff Cr. ditch bill permitting. Found out they need more fish screening info. Searched for water rights documents in all files, which has the screen plan included. In Boise Holly stopped for the elusive shower cartridges - that go in handles, she found 3.

Thurs., May 21

After the a.m. chores, I emailed Kim Apperson about the latest fish screening options for irrig. ditches. Tyler and I cleared out fallen water birch tree from Pinner Bridge - gate area, using the backhoe and segmented sawing. We'll use the debris for airstrip streambank stabilizing. Met with Ben Crosby and Liam on their current Research activities. Liam went back to C.C. to some stored items to the airstrip for Rayne who came in just before dark, bringing Holly and Liam's supplies, then doing the shuttle from Cabin Cr. Holly put a lot of stuff away - groceries.

Friday, May 22

Re-supplied the 2 hummingbird feeders, the female hummers have arrived and we see swarms of 12 or more per feeder! Tyler got the sprinkler going along airstrip and main pasture. I photographed the Cliff intake site for Kim Apperson (Feb). Signed the intern time sheets for the summer. Holly and A-J went over data management material, prioritizing. Ben, Neil, Liam did flow-discharge measurements @ the bridge.

Saturday, May 23

A holiday weekend, of sorts anyway. We did yard & garden work. (brush trimming - trails, etc.)  
Ken loved the freshly tilled garden site. Tyler did more plumbing - water line (lower) repair. A-J worked on the plant collection. Had 4landers in the p.m., but still pulled off a potluck B.B.Q. with everyone here.

Sunday, May 24

Still having unseasonal moisture and Big Cr. has come up a lot. with puddles back on the airstrip again. Tyler did some shop cleaning and A-J worked on her stuff. They will take a couple days off and go up to Cabin/Cave Cr. Visited w/ Ben about his hydrology projects... techniques/objectives/devices used.

Monday, May 25 (Memorial Day)

Planned for a ride down to Cougar Cr. giving Kea more stock following experience - behind Penny & Star. Star was the worst, Kea did well. Visited w/ Ben about where-to-find unburned watersheds, he suggested W. Fl. Lewis & Burnett Lakes, which are unburned, but very tough logistics, which we discussed.

Tuesday, May 26

Discovered early that a "bidge" of sand had covered the water intake, hurriedly shut things down, but sandy water had already gone down into the lab waterlines... and plugged the 3 sprinklers. I spent the rest of the morning and into the afternoon restoring a clean flow <sup>to the lab</sup>. Also, manually (shoveled) out the water box sand. Visited with Ben, Neil, and Liam on work for lodging... what to expect, although all this will change now with the latest email from the Dean, w/ proposed "complex" rate changes... back to the drawing board now w/ our <sup>already</sup> scheduled users. Holly worked on moving computer files, clearing space and reorganizing our personal photos. Tyler and Annie-June back this evening from their trip to Cabin Creek.

Weds., May 27

(on EPSCOR activities)

Visited with Ben Crosby this morning before the plane came in. Ray flew <sup>out</sup> with Kiera (F&B), and <sup>in with</sup> Chris Schneider and Rod Smith who were going to take the Enrichment Class prior to cancelling. Chris is a UI vet and he brought us in a lot of equine first aid supplies. Shared Chris and Rod around... w/ historical information. Holly emailed Bill M. with her input on the new fee structure. Tyler and A-J are off today. Bill M. emailed back wanting more detailed information on types of users @ TR. Holly was up half the night putting together this document and emailing it.

Thurs., May 28

Willie Bebe and family (Lisa's daughter) flew in to see the Lewis Lodge and Taylor Ranch. He is a pilot for McCall Av. and he has formally asked to see these places where Dave Lewis called home.



... after reading Pat Beck's book. Ray flew in late morning w/ Dave (F&B) to work the screw-trap, or watch it through high water. <sup>Birds</sup> Huk? and spouse wanted to see some of the historic cabin too... two groups in one day! I emailed Jane Urbaska dates for her and Clara Black to come in - 3<sup>rd</sup> week of July. A-J continued plant collection work. Tyler worked on improving the irrigation system and siphoned out the water box again. Liam and Neil continued flow <sup>is sediment</sup> measurements off of the bridge. Holly and A-J also began selecting sites for phenology (plant) monitoring... 27 plant species that Holly knew of that are monitored on the national network. Chris and Rod hiked to the Middle FK., looked @ archeology sites & scenery.

Friday, May 29

I worked with Chris and Rod this morning. We anchored several birch tree segments along the low-pt. streambank. Also put 3 loads (bk loader loads) at a weak spot. Hauled 3 loads <sup>long, stone boat</sup> of manure onto rocky parts of the airstrip. Tyler mowed lawn until the mower handle broke and fixed it.. and sharpened blade. I emailed with Jim G and Jane U. on donor projects - latest status... Lewis Lodge & Akko extension. Holly and A-J continued the phenological monitoring lay out. Thunder showers this pm, but we still had a BBQ., excellent hot provided by Chris! Holly made pumpkin - carrot muffins... baked potatoes, plenty to eat. Went through the vet supply kit that Chris donated to us for <sup>our stock use here.</sup>

Saturday, May 30

Visited with vet - Chris on the big horn disease situation - in Idaho. Ray flew in just as Chris and Rod came off the 1<sup>st</sup> bunch, and they were on their way by noon. Did a little yard work. Tyler finished the repair on the mower handle and went out around Arlores. A-J continued with plant collection. This evening I began "thinning" the marmot band around the corral and barn. 9; 6 were adults. They will be used for w/ attractant for remote camera and/or trapping.

Sunday, May 31<sup>st</sup>

A nice day, but pretty warm... Big CR. is seeping onto the airstrip again via the slough. We went to Cougar Flat w/ 3 head and a loads of marmots which we placed for wolf attractant. Tyler did the remaining yard work and all around the Lewis cabin. Holly did a little work today (a few<sup>3</sup> hrs.) re-setting the Raws station orientation, and working with A-J, checking the small Bitterroot site that H. had previously identified.

Monday, June 1.

Called Arnold's early (R&C@home) to tell them about the interns flying in - I had forgotten to do this! Then I checked the airstrip, actually laid some tracks in the wet grass for the pilot to see. Mike Norris flew in with the interns and some of their gear. Got them situated and then did an orientation w/ interns and Tyler & A-J. A-J made brownies for everyone and we went over the orientation material & questions. I showed the interns around the facility - a tour. Replied to Eric Clip, Amber Hankford on their DeVlieg reports from last year. Did emails to Lynne on sat. phone and Ryan's I-9. Holly and A-J did more w/ plant phenology. Had a welcome-to-Taylor BBQ for the interns - all were attended. Tyler mowed the strip turn-around and fixed the corral gate latch.

Tuesday, June 2

I took the interns to the Cougar Flat marmot site and we set up the remote camera and prepared the ground for track-ID. Got Jake, Ryan, and Jeany lined out for doing their own tasks when H & I are tied up... they have very good skill-set... mechanical and tool use & care. Holly took the group on the Rush CR. plant phenology survey route. Tyler and A-J had the day off and hiked down to the Gorge. Ray flew in and did the exchange - Dane out, Kiira in. Visited w/ Kiira on Kristen's proposal... and screw trap tending (who does what). Jake reported seeing 6 ewes w/ 5 or 6 lambs up in the Cliff CR. cliffs.

Weds., June 3

While Jacob and Tenny checked the Cougar CR. site, adding 3 freshly shot marmots, Ryan and I located a replacement post for the corral gate. We also cut it down, and drag it down Pioneer CR. to the shop, Kiira did most of the "skinning". Holly took the interns out on 2 of the plant phenology routes... and gps'd the individual plants - 2 N species are being monitored. A-J and Tyler had the day off. Ray came in late afternoon with the mail, and took out Neil and some garbage we had gathered. Emailed back and forth with Jane Urbaska on the trip in w/ Clara. Some heavy rain this evening... Keeping the interns from searching the Cliff CR. cliffs for ewe/lamb groups.

Thurs., June 4

Started the day w/ Ryan and Tim checking the Cougar CR. site while Jake and I worked on the corral gate, using the bh to dig a deeper hole. K&J reported activity @ the site - likely a smaller bear. Then, the 4 of us moved the airstrip swath... Jake on the backhoe, me on the mower... Tim & Ryan positioned for weight balance - it worked well. After lunch we put together the new gate. Both Holly and A-J worked on plant stuff... Holly on the Nat phenology route/plant descriptions, A-J worked on the list that's associated. Tyler syphoned-out the water box sand and spread 3 bags of fertilizer on the airstrip. The interns rounded out the day doing telemetry on a rattlesnake in the lower pasture. Emailed to Jane U. and Janet Pope, Colleen Baxter and Ben... a typical full/diverse day. Thunder in the afternoon, steady rain after dinner. Liam Reports a lot of "color" in Rush CR... we figure from the West Fl. burn.

Friday, June 5

The interns checked the Cougar CR. site, but no photos usable... there did appear to be wolf and/or small bear activity. Did emails regarding intern credits. Tessa and Rudy Bander flew in via MT Aviation. The interns linked up with the Banders and began gathering snakes to un-telemetry. 3 snakes were caught this day (Lunt, Nezzer, Pippin). Had a potluck dinner to commemorate.

Kea's first birthday! Holly corresponded with all '08  
Research interns to get reports...  
Amber & Eric Clip. Have finished products.

Sat., June 6<sup>th</sup>

Kind of a wet day off and on. I focused on marmot  
Removal w/ some help from Jake w/ Bow. I shot 6 w/ rifle,  
5 w/ bow and Jake added 6 more with his bow. The  
interns watched the snake surgery's and Ryan & Jan went  
w/ Janan to locate "Faramir" up E. Pioneer Rdg. Holly did  
laundry, cleaned stuff from the attic, and used Rags to clean  
interior logs. Tyler did yard work. A-J wrapped up the  
Lewis and DeVing operating manuals. Holly & A-J collected bitterroot  
for plant collect  
ion.

Sunday, June 7<sup>th</sup>

Went to the bait site with Cricket packing 15 carcasses  
for wolf attractant. Wolves (3) had been on the trail from Cliff  
Cr. down to the bait site... where the three left tracks @ the  
prepared dirt. Janan & crew caught Faramir up E. Pioneer. Rudy,  
Ryan, Jan released the snakes from yesterday surgeries. I  
cleaned out the E. Corral shed, burned a bunch of garbage,  
mouse nests, chewed up grain bags. Made the fire around a stump  
that needed removing @ the bunk house flat. Tyler ran the  
the weeder around the archery range, storage sheds, and smitacine  
on the lower flat. I rebuilt the archery targets. Janan had no  
more snake captures... so a total of 4 were worked surgically.  
A-J continued working on plants, or bin manuals, etc. Tyler  
got the power-pt. projector running and Janan delivered his  
thesis presentation this evening. Rain, Rain, Rain, every afternoon.  
Saw an elk w/ new calf down the airstrip. Doe's have fawns  
now too... so do ewes w/ lambs 6/6 on the lambing cliffs.

Monday, June 8

Took 3 traps down to the cougar camera site and showed  
the interns how to set wolf traps. Back at noon and before  
long M.F. flew in. Liam and I went up for 20 mins to check



out the burn zone in W. Elk. Rush @ 2. We did find a flow area up the North Elk. of the West Elk., Liam and I photographed the area. It looked like the actually wolf den site did not burn. Put together, or evaluated, the capture kit w/ the interns. Showed the fronts on Cricket & Penny, demonstrated to interns, they also helped Holly vaccinate our stock... w. Nile, tetanus, E. & W. Flu vaccine. Tyler finalized all the Radio units, and he did his usual chores.

Tuesday, June 9

Awoke to a tripped trap transmitter - reported by Ryan from the East Knob. All @ TR scrambled and headed down the trail to find that an elk had kicked the <sup>transmitter</sup> antenna causing the change in pulse. Back @ TR, the interns helped me clean out - toilly the east corral shed... burning many more mouse nests made of mule hair. Holly led the interns on another plant phenology survey, to Rush cr., then I gave a full packing lesson to the interns using Bird and Bat, we also moved some cubes & grain to the corral shed. Holly continued email correspondence on the intern credit issue. The guys from the B showed up (Bo & Conrad) late afternoon w/ 14 head on Route to Root Ranch. We put their stock in the corral and they contributed meat to our evening BBQ... with all here a Handling. Jacob made arrangements to fly out on the mail plane to go see his mother's graduation from nursing school. Tyler and H-J had today off.

Wednesday, June 10 → training session for interns.

Saddled stock and Holly rode down to check the Canyon cr. traps. Of course this happened after Bo & Conrad were fed breakfast and headed on their way. Jake had to repair a broken corral-gate wood latch... broke when he was taking STAR out of the corral. Ray flew in about noon w/ a load of interns gear and w/ Jody who went to work overhauling our wireless system... & new antennas for buildings. Holly and the interns helped him out. I

Started writing up the commemoration to Bill Wallace and Mary Acker for their Lewis Cabin Renovation donation. Also, earlier today I showed the interns cross-cut saw use on a log across the sage flat trail. Jake messed up a finger in the log moving process... getting a big blood blister. Jerry put new internet Relays to 3 buildings today - 3 more to do tomorrow. I caught a "22" ball trout this evening on a weighted head-head nymph.

Thurs. June 11

Another "fire drill" with the trap techs today this morning. We pulled the traps and cleaned the site (camera down too). Holly & I got things and the house ready to be gone for 4 days. Jerry finished up his jobs... 6 new antennas. We also sent out 2 computers - laptops that are old. Tyler helped Jerry this morning. Amie-June went with the interns doing the plant phenology survey, and plant collection/pressing.

Friday, June 12<sup>th</sup>, 2009 (entries by Tyler Morrison)

A fairly quiet day with Jim & Holly out and the interns with time off. Both Ryan & Jani went for hikes today (Jani to the white rock by the Lambing Cliffs & Ryan up E Pioneer ridge towards Dave Lewis Peak). I set up the electric fence around the north pasture and AJ worked on the new computer to get it set up & continue on the bibliography. Two bear hunters hiked through (camped at Cabin Cr.). One said he worked here in 2007 with the NOAA crew. They hadn't seen any bear sign. It might be another sparse bear year. Ryan made it back in time to catch his hockey game (World Cup?). Amie-June & I saw a large beaver in Big Cr. off the end of the airstrip this evening.

Saturday, June 13<sup>th</sup>, 2009

Another quiet day today. AJ continued to work on the bibliography today. I cleaned out and organized the storage room under the DeVlieg cabin ~~to keep~~ (hopefully we'll be able to keep the woodrats out this time), and repaired the gate to the NOAA site in the lower main pasture using a pole from below the lower pasture.

Sunday, June 14<sup>th</sup>, 2009

The wireless networks jony set up are working great (but the satellite signal has been fickle lately). Ryan hiked down to the middle fork and back today. A-J continued work on the bibliography. I mowed lawns (Carlo/Hornocker & Taylor cabins), and worked on some smaller projects. Liam mowed the DeVlieg lawn. In the evening we finally got the rain the clouds have been promising for the last two days.

Monday, June 15

We drove from Baker City to Cascade this morning. We did UT shopping in La Grande and Ontario while traveling - before/after the archery shoot. Tyler spent the day weeding - seeding the Hornocker yard, meeting planes, and fixing sprinklers and car tires. A-J did plant marking tasks & typing labels. We got settled back in - putting away a plane load of stuff. Met w/ the interns this evening to go over wolf trip and weekly activities.

Tuesday, June 16

Got an early start getting the stock saddled for a wolf den search up Goat Creek. Holly and 3 interns took Star, Bat, Cricket, and Penny up Goat Ridge. I caught up on emails and did chores - Tyler's day off. Had trouble shooting on the lower NOAA site... found a plug-unplugged going into the main connection box - hope that is the issue. Holly and crew had no luck locating wolf den activity. Looked for sheep in the Cliff Cr. - black cliffs, could see 3 ewes and 1 lamb. Walt flew in w/ 5 propane... and some of our groceries.

Weds, June 17

The interns did plant phenology transects and then worked on their <sup>Ecology Research</sup> research projects for presentation. Walt flew in with Kristin for the summer on the mail plane. I processed the ACUC for the internship, got ready to mail. Holly worked up recent purchase receipts. Had a dry wet afternoon and evening. Tyler and A-J on their weekend. I researched and wrote up the Wallace/Acker recognition for donation - on the Lewis Lodge.

Thurs., June 18

A nice morning. Caught the mule team and harnessed them. Drove them on the airstrip w/ forecast before using the "steel skeleton" to haul rocks from the DeVlieg yard to shore-up (weight down) the old cookhouse fence line & gate. The interns <sup>+ Tyler</sup> helped, then got another packing lesson while the mules were handy. Interns finished their research for oral reports. I finalized the Lewis Lodge write up, printed out copies... which will be posted with the wording. Holly emailed (i.e. located in computer files) citation for the bibliography that A-J was working on. Gave Cricket her 2<sup>nd</sup> Legend shot. Had a TR BBQ (great dishes & salmon from Kristan)... all contributing. Take gave a report on the wolf delisting process - good questions and input!

Friday, June 19

A day of mixed activities. Began by finishing filling in the marmot den outside the out house - done by Take on the backhoe. Ryan plugged up holes @ the corral shed and fished out a dead marmot from underneath. Take and Ryan made some big manure piles, in and outside the corral. Tami moved lawns - Taylor Cabin & Lewis Lodge. Tyler & Tami fixed the fence N. of the DeVlieg - mule rolled. Tyler <sup>- replaced -</sup> repaired the broken plank in the bridge and the west side ramp. H. and did the usual emails. We had fuel line issues with the bk, but Take found the rust-plug once he pulled off the fuel pump. Holly emailed Lynack, Kerri V., Golden B., and multiple to A-J with documents for the bibliography. In the evening, Ryan and Tami reported on their bi-weekly <sup>monthly</sup> readings... Reporting on wild & scenic River designations and wild-fire in 2 diverse wildernesses. A-J continued harvesting and labeling plants for the herbarium.

Sat., June 20

except A-J worked on plant collection.

Mostly a day off for all here. We did some house cleaning. Ryan headed up Cliff CR. for the night (Black Butte), but he returned late afternoon with some amazing video... of 2 wolves, including the Golden Pack alpha male. He thought it seemed that the 2 wolves were defending a den(?), we'll have to check this out soon.



Sunday, June 21

Did the minimal morning chores. Had <sup>(the power)</sup> the power go off 3 or 4 times today. Tyler and I tried to figure it out, didn't really. Holly put together several boxes of things to remove from the attic. Rained hard at times today. Jani returned from the Gorge... Ryan went down to the Gorge. Everyone did "day-off" things... except A-J did plant pressing. Holly did some late night emailing, Dad house sale contract, and to Kerri Vierling on the DeVlieg graduate scholarship.

Monday, June 22

Stomachy this morning, but we saddled all the stock and headed up Cliff CR. anyway... to look for the Golden P. den site and try to get a decent ewe/lamb count. We were successful on both accounts, w/ Holly and the interns seeing/photographing <sup>(saw 2 adults too)</sup> 5 wolf pups. I located 23 sheep in the west Cliff CR. cliffs: 11 ewes, 9 lambs, 3 rams. Tyler worked on power load issue... determining where our big draw was from. He also cleaned the jets on the hydro, <sup>jets... w/ A-J too</sup> which needed cleaning again, and prepared wood side boards for one of the carts. Measured dimensions for plywood insulation covering in the DeVlieg utility room, and Tyler measured the <sup>under boxes for new liners.</sup>

Tuesday, June 23

The interns and I harnessed the mules and used them to haul manure from the corral - exterior piles and spread in the pasture - lower Flat. Interns did another round of plant phenology. Holly emailed back and forth w/ Kerri Vierling regarding a graduate proposal on Lewis woodpeckers. She also emailed Lynne (Ponds work on whitebark study) and A-J on billings. Tyler cleaned the lab shop, mowed lawns, and repaired a telemetry yagi.

Weds., June 24

Quite a bit of activity today, mail plane came in late morning bringing back Neil and his dog Sandy... and groceries/mail. The interns scattered many more loads of mule poop in the main pasture. Tyler selected and sawed down 4 poles for the barn-front. McCall (Rod) flew in this afternoon with a family (Jim, Coof, Lou-

and two boys). They are headed to Big Cr. and would have gone to Cabin Cr., except that strip is closed for repair (Frank Loomis w/ mule team). I showed the group around and talked about the history and research here. A-J had the day off, although we visited about the Lewis poster display. H., the interns, and I packed up gear for tomorrow's trip. Tyler did the irrigation & water system chores.

Thursday, June 25<sup>th</sup>, 2009 (entries by Tyler Morrison)

Jim, Holly, & the interns headed out early this morning with ~~off~~ all of the stock. They headed up to West Rush Cr. for their pack trip and to try to get a ~~telemetry~~ telemetry collar on one of the Monumental pack wolves. Kira flew out and David flew in today. Walt says there's still no word on if they got the mail contract renewed or not (hopefully they'll know before Wednesday). I worked on water and irrigation related issues as well as got a start on smoothing out & oiling the hitching rails at the corral. A-J worked on mounting ~~plant~~ plant specimens and typing up abstracts.

Friday, June 26<sup>th</sup>, 2009

Kristen hiked down to the Gorge today. I burned the garbage from the lab & Devlieg basement this morning and modified one of the irrigation intakes to work more effectively. I spent the afternoon continuing work on the corral hitching rails. A-J added more citations to the bibliography and working on the herbarium collection.

Saturday, June 27<sup>th</sup>, 2009

A fairly quiet day today. A-J continued to work on the herbarium and citations. Neil tried a new technique to measure discharge in Big Cr. (he attached the instruments to a boogie-board instead of the inflatable raft he used before). Hopefully it turned out well. I took most of the day off to catch up on hours. ✓ Saw a wolf walking between my 2 trap sets on W. FR. ~~at~~ Rush Cr. Holly and crew have the pup *Rondoceras* *crea* identified, now just need a visual. Hea had some tick paralysis symptoms - pulled off 3 in bedded and many crawling on her.

Sunday, June 28

Holly and interns did one more survey of the rondsomous area, still no pups seen. I did stock tending and saddling. We pulled out of camp @ 9:30 am. It was a long hot trip back along the Big Cr. Ridgeway. We pulled in @ 6pm to Taylor, still 98°! Got unpacked and re-situated. Everyone happy to have showers... and pull off ticks! Tyler located 4 good poles for east side of barn.

Monday, June 29

A Recovery day from the pack trip. Tommielee & woman from the B stopped by midday for lemonade and a visit... on a woman's pack trip going from the Root Ranch to the B. Tyler & Dave led the loaded packstring on horse behind, they also stopped briefly. Caught up on emails. Had a TR BBQ in the evening <sup>(actually, potluck)</sup>. Tyler peeled the poles he saved down earlier, A-J took 1/2 day sick leave this morning, then worked on plant collection in the afternoon. Holly collected several specimens, which are in the plant press we took on the trip. Ryan and I collected water and soil samples for Liam in the blow-out area (in fire zone) in the N. FK. of the West FK, also took many photos of the impressive erosion. Reviewed our new contracts involving going to 50% FTE for both Holly and I. Hard to imagine how things will function, but no choice in this matter. Another hot day today - over 90°! Hui's Ready to snow.

Tuesday, June 30

A typical mixed bag of activities. The interns started by doing plant phenology transects. I demonstrated packing a Riding saddle to interns and Kristen. June is feeling ill - likely from tick bite. Holly spent 7 hours working on Lewis Cabin wiring, and found many electrical problems. I wrote up monthly weather and reviewed fiscal bid-contract for JB construction. Shot the last marmot from under the eural shed... now can seal-off.

Weds. July 1<sup>st</sup>

The mail plane came in bright and early. We sent Jani out as her tick-fever-type symptoms seem to be getting worse. Take & Ryan used concrete rocks to seal-off the marmot access to the corral shed. Holly prepared things for doing the Peck-plots. After lunch Take, Ryan, H. and I did the west knob veg. plot. After that, Take & Ryan did the 2<sup>nd</sup> bunch sites. When it was really hot Take, Ryan, and I repositioned the Rush Cr. bridge so we can access the bear attractant site. Also looked at the lower NOAA antenna; all OK except the severed cable. Holly researched printer to buy a new one. Tyler and A-J on days off. Kristen went up to Cabin Cr. for an overnight-backpacking.

Thurs. July 2

Got started @ daybreak getting Holly and Ryan on the trail headed to Mile High to do veg. plots, they took Star, Penny & Bat. Take helped Tyler haul 4 big pots from sage flat vicinity to the shop. Ray flew Jani in about 11 am, <sup>+ salt block, which needs</sup> she's on anti-biotics for her tick bite/tick fever. Take helped me prepare the mower for haying. Jani went to work <sup>(I did ours)</sup> mowing lawns. Had thunder showers this evening. Take also did some backhoe work - fixing main Pioneer Cr. crossing ramp, leveling the orchard lane-to-Taylor cabin, and digging a hole for burn barrel ashes. He accidentally broke a plastic valve box stansion, so he temp. fixed that. The weather might not be stable enough to mow until Sunday.

Friday, July 3

Holly and Ryan rode home after veg. sampling Mile High. Tyler wrapped up the barn rail project. Take built a new valve cylinder in the orchard. I ran the weed eater around "snaky" areas. All the interns went swimming / snorkeling with Kristen this afternoon. A-J continued working on the bibliography. Holly did several loads of laundry. I vacuumed house.



Sat. July 4<sup>th</sup> <sup>JP - 5/6 last wk.</sup>

(E Mica not wanting to go... another first)  
A day-off. We had a big feast midday at the BBQ pit. I did go fishing this morning, had on a big fish that I think was a jack salmon. Jack said that later in the day he saw ~~7~~ <sup>1</sup> adult salmon - also @ the mouth of Rush Cr. Two SCA guys, ~~Tom~~ <sup>Alex</sup> & Ryan, also ate with us. - they are based at Cabin Cr. This is the worst mosquito year in a long time.

Sunday, July 5

The Krump's were flown in late morning, along with the F&B exchange - Dave out, Kira in. Mica was not doing well all today and by late afternoon seemed to be barely with us. She died right after dinner (7pm). We buried her at one of her favorite hang-outs, the south side of the ~~airstrip~~ <sup>orchard</sup>... where I regularly practice with my bow. This was a very sad moment for us on our second ~~time~~ <sup>time period</sup> all shared with our loyal mascot, Mica. Her dog is sad too. We did have a good afternoon visiting with Ed & Charlene. Rained later afternoon and evening... hard @ times, w/ rain-bows, even had a small one over Mica in her last hours-out in the yard.

Monday, July 6

Got going on the mowing. Bird-mule was having a hard time keeping her brain engaged... had to use trip-devices (a w. and single trip-hobble). Also had mechanical issues; moved about half of the airstrip. Had a big BBQ this evening, all participated with a lot of food provided. w assorted dishes. <sup>ERIC Stewart</sup> and <sup>Esther</sup> stopped by enroute from The Craggs C.G. to Big Cr.

Tuesday, July 7

Ed worked with the interns doing camp site inventories. We used Bati Bird to complete the mowing, went better today. A-J off today. Holly worked on wolf reports and emailed back to J. Wolf about the <sup>Phd</sup> ~~HV~~ <sup>Phd</sup> scholarship issues and John Burkentine on job #4. The interns and I restructured last years <sup>-in barn-</sup> hay to be able to take on this years crop.

Weds. July 8

Today is our 31<sup>st</sup> anniversary. Holly worked on the computer most of the day... menu plan for Clara's visit, finishing the wolf reports. It rained off and on all afternoon - on the freshly mowed hay. Had another BBQ today - after the last shower. Visited about wilderness history with all attending.

Thurs. July 9

We started the bear monitoring site. The interns also did 2 more phenology transects... and Peck's plots up Pioneer <sup>scrubs</sup> ch. and up Ram Canyon - Mtn. Mahogany. Ed gave the interns his "how to poop in the woods" talk. Tyler did the lawns. The carpenters arrived this morning in the Islander, and with most of the supplies. They got a good start on the deck - had to replace segments of the log rotted from its connection to the deck. Ed pulled many nails out of old deck.

Friday, July 10

Mike Morris flew in at 9 am. He took me, Jake, Jani up for an hours worth of sheep (ewe-lamb) spotting on Red Ridge and vicinity... and Catherine Lks area. There were lambing areas we located in the late 80's. We only saw 7 sheep (4 ewes/3 lambs) and 9 goats: 5 ewes, 4 kids). All got involved with hay raking this afternoon. Ryan had a bit of a run away with Pat and Cricket, but got them stopped. The carpenters got a few more supplies in (door knobs), Ed and Charlene flew out. John, Rich, Keith got most of the deck done today, along with the computer table, and spice rack made.

Sat., July 11

JR - 50 test week

We flew in with Jani's Dad - Mark and 3 propane. We shocked hay and then picked up 3 wagon loads of hay. The carpenters finished up by 6 pm and were flown out @ 7 pm. Today was Richard B.'s 62 B-day, Holly made him a no-sugar Raspberry cobbler.

Sunday, July 12

Got going on hay pickup by 9 am. By 10 am it was raining! We managed to get in 2 wagon loads by 11 am but ended up having to pull it out in the sun around the barn and the sun did come out again. We ended up taking 3 loads off of the strip, but the moisture-on-hay aspect made it <sup>but done well</sup> slow - done @ 4 pm. Had a potluck BBQ until the rain hit... short lived.

Monday, July 13

A catch-up day after haying. Had some showers today too... good the hay's up. Tyler worked with the interns on cleaning up around the Lewis cabin, and they assessed the ridgetop completion. Jake re-did all the mortar that was removed per the deck rebuild, and some rat-proofing on the back. Holly spent the day on plant keying and updating her record book. AJ spent the day on the plant collection too. Dave Stewart, nephew Eric, and Ester arrived... doing geologic map enroute from Big Cr. to the Craggs campground. They will stay here a couple days and help w/ TR tasks. Jani killed to the Gorge w/ Dad-Mark.

Tuesday, July 14

Dave put some effort into sharpening our two cross-cut saws. <sup>(primarily)</sup> He got the smaller saw good enough to use and we dropped a big tree on the Sage-Flat trail. Bucked that tree up, along with another one that had fallen across the trail. Jake and Ryan helped, Jani took the day off w/ her Dad. Holly did scheduling/coordination emails for the next couple of weeks. Had a BBQ with Dave Stewart, Eric, and Ester + our crew here. Dave gave a talk on the geologic history of the area.

Wednesday, July 15

A busy day, people switching gears... Jake went up to Big Cr. with the mail plane and Mark going out. He'll backpack to Catherine Lakes. Ryan took off for Mormon Mtn. and Lewis PK for a

few days. We harnessed up the mules and skidded logs to a roll-off-pt. along the sage flat trail. Jani, Dane, Eric, Ester worked with me on this project. Ester took some good video clips too. Jani and I moved the stock to the N. pasture. Holly fed the Stewart ewes salmon burgers for lunch - which they appreciated, being low on food. Tyler and A.J. on days off.

Thurs. July 16

Took fracture off, but not a half-day. Tyler and Jani finished the ridge-cap on the Lewis Cabin. Jani did some weedster work in the main pasture. Very hot this afternoon. Also this morning Dane, Eric, and Ester took off for the Crags with their backpacks. Tyler got the irrigations going again - airstrip mostly. He also worked on the lawn mower - fuel flow issues. Holly did plant Kaying, visited with Janet Pope on her trip in next week. A-J did more on plants. I framed the Recognition of Bill Wallace and Mary A., put up in the L. Cabin.

Friday, July 17

Tyler saw a cougar this morning enroute to the waterbox. He said it "stared" at him before leaving... along the old irrig. ditch. Went over the next 3 weeks of jobs w/ Tyler. Having computer probs w/ internet hookup. Holly thinks we have IP issues. Very hot today. Jani worked the a.m. - helping Tyler w/ yard work and doing the bear stn; she took the pm off. Linn gave us a Power Pt. presentation on his research - which he'll show J. Pope next week. Tyler weeded around the north pasture electric. Ordered NZ tickets this pm - for Dec.

Sat, July 18 <sup>JP's last week</sup>

Awoke to Tyler calling about 2 cougars in the Lewis yard... (chased a deer 1<sup>st</sup>)  
went over and watched the female & large kitten on the hillside. The kit is going in the hips. Holly did some cleaning / organizing in the basement. I caught up on e-mails... until the internet quit. 2 beans caught on film @ the bear stn. I watched



Kiira work some fish this morning, and ~~watched~~ <sup>photographed</sup> her pit-tagging. Another hot day - mid 90's.

Sunday, July 19

Really warm last night, mid 60's for low. Walt flew in mid-morning, bringing back Jake from Big Cr. Saw Jake's trip pictures... and Ryan's video from Mormon Mtn. Jari worked today - washing windows, trimming hedges. Tyler did yard work around the Lewis Cabin & Arlows. Jake mowed-out his lawn today by using the weed-eater to knock down high grass in the pasture and along fence line. Holly did house cleaning and more organizing of things to move out. I tried to take today off, 34's <sup>successful</sup>

Monday, July 20

Spent the day on wood harvest. Fell a couple trees on the west property boundary but mostly used the cross-cut to buck up short logs. Scrounged a lot of wood from the upper island, made Rafts and rode down to the east bar and take out (N. of windsock). The interns, Tyler, and I moved a lot of wood today. A-J and Holly took some photos. Holly continued emails with Nancy M. and Jane U. on the upcoming trip for Chara Black. McColl Air <sup>(Cofin & Dan)</sup> brought in the Islander's a 206 along w/ Ron's Gabo to repair the instrument antennas.

Tuesday, July 21

(w/backhoe) (720 short logs)  
Moved some gear for the NOAA guys. Hauled all the logs out of the water w/ the backhoe, and rained and cabaled 6 more logs from the logjam on the Island off the west end of the airstrip. Skidded 2 logs into the field-site too, we really have some wood to haul now! The interns helped w/ the wet dirt & mold removal from the basement... as directed by Holly. I repaired 2 stairs... blocked up and lag bolted. Holly did more coord. on this week's trips - menus, logistics, activity planning. A-J & Tyler off today. A smaller black phasel bear was by the shop today.

Wed, July 22

The day started with Walt flying in some propane, then Ray flew in with the mail, groceries, and Janet Pope and Bobbi Chambers (who we bought Bicki Bat from). Got caught up on "the latest" with Janet & Bobbi, plus introduced them to all here. Trimmed mule feet on Bat, Bird, Penny. Liam & Janet visited on his project, plus he gave a power pt. presentation later in the afternoon - to all here including the F&G snowkel crew led by Kim Apperson. Ron and Gabe, from NOAA made great progress on the antennas. Had an evening BBQ for 19 people, YAK burgers provided by Janet Pope! The interns prepared things (data) to show Clara this week.

Thurs, July 23

We harnessed the mules and used the forecourt's Arch to move timewood logs. Bobbi enjoyed seeing the mules work and driving them too. We ended up moving about 2 cords of wood... to the lab, Lewis cabin, and south-of-orchard processing sites. Very hot today, 98°! The interns, Bobbi, and Janet all had chances to drive. Tyler worked on log/load organizing, as did the rest of the crew. Holly fought with the printer and Hughesnet issues. A-J did some TR laundry and cabin prep, plus her work with the bibliography. Gave a packing lesson to the interns... dangerous loads -  
Ne. 1 and 2nd Sunday  
Returned from Big Creek. x cut saw and throwing a Diamond Hitch.

Friday, July 24

A busy morning starting off with Glan from McCall Air coming in with the 1st tanker and taking out a full load of NOAA stuff. McCall Air also flew in (206/Jerry) with Jane Urbaska... CNR Development person/Asst. Dean. Later in the morning Ray flew in (from Boise) with Clara Bleak and Barbara Bell-McClure (UI supervisory Development person). We had a "brunch" with Jake's rhubarb/cherry pie. Took several photos of all here... including Clara and Janet P. here at the same time - rare! The student crew all explained what they are doing here. Ray flew out w/ Janet and Bobbi @ noon. Clara spent some high <sup>around</sup> quality time visiting w/ the Bleak interns. Also toured the group

Sat., July 25 <sup>(Jk. 50 foot wk)</sup> (1st Kiira showed the Trio the screw trap ops).

The group assembled at our place this morning and the interns went over their summer accomplishments and activities w/ Clara. Then they all did the plant phenology along Pioneer CR. Holly pulled together photos from the summer. We had an all-at-Taylor BBQ this evening, compliments of the CNR Dean's office... 19 people at the pit. Had more discussions on who was doing what, and what was gained from a summer at Taylor. The interns also did Lewis' runways on lower Clift CR. and downstream.

Sunday, July 26

Another morning of activities... showing off the bear monitoring set up <sup>w/ Clara & crew</sup> and doing bird and plant surveys along the airstrip. I hiked downstream w/ Jane U. and Barbara B-M showing them the Sheepeater sites. The interns showed Jane and Barbara the swimming hole in the heat of the day. Had a potluck tonight... but no fire - lots of eating lately! Tyler did yard work today... AJ did billings and biblio. Also yesterday, Kiira flew out and Dave flew in on the screw trap.

Monday, July 27

We all said our goodbyes before McCall Air (1-206) took out Clara, Jane, & Barbara. A second flight this morning came in (Walt-ABA) and brought in a load of gas - 2 15 gals, and 1 propane tank and then took Holly out... so she can participate in the Nevada Bat-Blitz led by former DeVlieg scholar Katie Miller. Tried to take the afternoon off as did the interns.

Tuesday, July 28

Two flights in this morning with the FS4 stream crew staff, plus Lenny, Arwen, and ~~Lisa~~ Iris Baxter came in on the 2<sup>nd</sup> flight. I sent a detailed email response to Jackie Grant from Penn State, regarding her interest to do small mammal Research here next summer. Evaluated the 2 PhD proposals submitted for DeVlieg funding - K. Vreeling on Lewis' woodpeckers and Kennedy and Freimer on salmon and stream mapping w/ lidar too. Both very good. Rest of the stream crew showed up: Wayne M., Colleen, Jim Morris, Joe E, Joe, Hannah

Weds. July 29

~~Weds.~~ Most of today was committed to firewood activities & R.R. (time off)... sawed and stacked firewood for Hironacker and Lewis cabins - cleared out logs from behind weather stn. Tyler and A-J on chaps off. Holly's doing bat capture today in the Jarbridge Wilderness. <sup>Kristen and Ellen return</sup> John & Wendy Witterick showed up... we's! <sup>via a shuttle from Big Cr. to here.</sup> an intern from 1986!

Thurs. July 30

Intens (Z - Ryan & Jani) spent the day downstream with Colson's crew doing survey's on Cougar and Goat Creeks. Jake used the backhoe & stone boat to haul many loads of manure from the corral to the far end of the airstrip. I finalized the proposal compromises for the DeVig supported PhD project... but did not send to J Boss since I heard from J. Pope that she might have the Review "wait" for a week. A-J and I prepared and posted the commemorative photo of Bill & Mary on the serow trap. Dac out Kiina in. <sup>the Lewis Cabin</sup>

Friday, July 31

The last day for the bear monitoring site. Tyler, Ryan, Jani secured some firewood poles from the west end of the property... and floated 200 yds. to the log pull out site. Jake and I sawed and split wood from the Pioneer Cr. landing. Holly flew back in today, along with Babs Johnson... daughter of Bill Wallace. We toured Babs around... especially the Wallace/Acker funded Lewis Cabin Reno. Holly and I met with Tim Morris to discuss his interest in "willing" financial support to Taylor. He's interested in an endowment to support field research that contributes to the long term-monitoring data sets. A-J worked on the plants and acquired a list of Minshall pubs. from Colson B. We had a big "hotluck" this evening... very impressive spread of food!! I gave a "historical linage" talk, including the Wallace family connection to Dac Lewis and the renovated cabin. Babs brought in 2 albums with many letters and family treasures of the Wallaces - 30's, 40's, 50's at Cabin Creek. She organized these albums in chronological order... mostly letters back and forth between Mark and Jean Wallace - her grandparents and early day Big Cr. homesteaders.



Sat. August 1<sup>st</sup> <sup>JA-52 last week</sup>

Saddled 3 head (actually shaved fronts on Penny 1<sup>st</sup>) and headed to Cabin Cr. to show Babs the Wallace Cabin @ Cabin Cr. All of the stream ecology even was flown out via Mid. Fl. Aviation. Walt also stopped in from A.A. and took out some intems <sup>Take's</sup> stuff. Ryan & Take & Jani all did the Widens club challenge today - Ryan & Take did PK to PK and Jani did all of House Mtn. and then to '7880 on the Lewis PK side. Very hot today, 96°. Kea had sore feet from the hot rocks. Visited more with Babs on ways to display the historical info. she is leaving with us. Took several photos today of Babs, and us @ the Wallace Cabin. Ryan (FS) and partner(?) were staying @ the Cabin but welcomed us to look around. Back @ TR by 6 pm.

Sunday, Aug. 2

Did the whitfish Derby in 2 parts - 30 mins this am, and 30 mins in the pm. Take was catching a whitfish in each session... no one else caught one during designated times (I caught a big one 10 mins. late in the am.). Walt flew @ 10:30 and took out Babs Johnson (Wallace). We visited with Babs more this morning on how to procure (store) her family documents. Holly caught up on laundry and got stuff in the attic ready to fly out. Wrote up the July weather Records.

Monday, Aug. 3

Walt stopped by and took out a 60% load of <sup>of intems supplies.</sup> Put shoes on the front of Kate... she has a lot of cracks, Rear feet look great unshod! The intems worked on various activity Reports. Gave the packing final this afternoon. The trio of Take, Jani, Ryan did well = A-1B+, and used a diamond hitch to secure an elk Rack top pack! Holly went through 100's of photos from the summer. Tyke summarized the station power uses over the past week - for eng. grad. student Justin Schlee. Kea still tender-footed from yesterday... Rock-scalded feet. Tyke and intems rounded out the day by floating logs (3) from just above Rush Cr. A.J. still digitizing plant labels, doing billings, and biblio. details. <sup>Used Bke and a skh to move 2 short logs to stump area.</sup>

Tues. Aug. 4

Walt stopped by and took the rest of the intern supplies out, so  
would be in good shape tomorrow. The interns wrapped up their  
Reports and we did "exit interviews" on the 3 + Kristen in the  
"hot" afternoon. Oh ya, the interns in '09 did reports on: Amphibians,  
bears, Peck's veg. plots, Knapweed survey, Lewis Woodpeckers, 2  
wolf den Reports, plant phenology, and made bird and plant  
lists... quite a stack of documents! Had an intern farewell  
BBQ this evening... yak steaks! Holly spent 1/2 the night  
getting photos ready for the interns and Jane U. - for  
Clara Blank.

Weds. Aug. 5

Spent the morning on "intern departure prep." photos, cabin vout,  
and final info. exchanges. Holly continued getting ready to be gone  
10 days. Walt flew in @ 11 am and took out the Tule, Ryan, Jane  
and Holly... and some gear. I saved up a couple logs @ the shop and  
Ellen worked on morning rounds and then splitting wood for the  
Taylor Cabin supply. When Walt flew in he brought Katie <sup>Fig</sup> to spend a  
day w/ Kiira going over the "specifics" of this screw trap. Heard  
today from J. Goss that Taylor (& Flathead) have been awarded  
their NSF facilities grants! Also today, George Doval (x-owner of  
Monumental Ranch 1955-77) stopped by to see the place w/ his wife  
Patti. They, and 9 kids/grandkids are at Soldier Barce celebrating  
his 80<sup>th</sup> Birthday. He kicked up to show his wife the place. He  
was very impressed by the renovated Lewis Lodge, liked all the  
historical stuff here, and thought that the place never looked  
this good when he saw it (lived here) in the late 50's/early 60's.

Thurs. Aug. 6

along w/ mail day groceries

The Fig transfer happened this morning - Kiira out, Katie in.  
Ellen and Kristen were also shuttled to Big Cr. I sent in the  
DeVity Phd. proposal rec. to J. Goss. The rest of the Doval family  
stopped by - Jimmy, Ann, and 4 kids/nephews. I toured them around  
too. Tyler burned the big debris pile by the shop. <sup>A-J worked on plant</sup> labels.

Friday, Aug. 7

I started the day by <sup>(all 4)</sup> ~~split~~ <sup>staging</sup> Star, then Tyler and I moved the stock to the N. pasture. Then F. and I used the b.h. and arch to move more firewood and fence posts. A-J did her usual data tasks, plus she cleaned out the DeVlieg fridge. Lots of rain this afternoon evening. Holly is joining up w/ Janet Pope today, tomorrow they'll be going to Dean and Melissa's wedding in Corner S. Alone.

gt - 54 last week  
Saturday, Aug. 8

Still a lot of showers today. Both Rush Cr. and Big Cr. are running very dark. Read through most of the Wallace Family Records. A-J made nice labels for the albums. Tried to go fishing but Big Cr. was too "colored." Put some old meat out at the Rush Cr. bait site. Tyler and I took the Peck X-cut saw up Pioneer Cr. and sawed out the big, pitchy, green tree blocking the trail.

Sunday, Aug. 9

Abside from a few work errands - J. Morris and J. Pope, I pretty much took the day off. Tyler and A-J hiked down to the Mid. Fk. Annie-June collected some poison ivy for the plant collection. H. H. is back @ our OR. property after attending Dean and Melissa's wedding in Corner S. Alone. Had a heavy rain this late afternoon - not predicted. Heard a wolf howling on the benches last night.

Monday, Aug. 10

Had 4 McCall flights in this morning bringing in the NOAA crew of 9... Steve Acker's pit-tagging crew, and all there gear + 2 dogs. I worked on firewood today - cookstove and some into the shed. Tyler sawed up the logs by the lab. I also mowed the lawn & mailed w/ Nancy M. on the Train's trip next week - Aug 17-19<sup>th</sup>

Tuesday, Aug. 11

For me the day was mostly spent on firewood splitting, stacking, and moving from the orchard-landing-site. Tyler mostly did yard work - mowing; lots of weedeating. Two plane in, McCall bringing Ron and Billy for NOAA... plus a Hughesnet guy who went back out.

AH did the sawtrap operator swap... Kiira back, Katie out. AJ did her usual tasks, and got stung on the hand by a yellow jacket today. The NOAA guys hosted the annual turkey feed... w/ <sup>E/12</sup> trimmings. I made and brought a green bean casserole (actually happened Weds).

Weds. Aug. 12

Mail day - Ray came in late morning. I sent a packet/letters to Clara... CO of photos, letters from Ryan and me. Emailed J. Goss regarding members of the TR advisory comm... Requesting to see the list. Tyler and I used the b.h. and arch to move remaining lgs from the west end of airstrip... mostly to/for our woodpile. AH took 4 lks. of sick leave this am. T. & I brought the stock back over from N. pasture. Tyler had resurrected the airstrip enclosure for 5 hrs, so we put her and Kat in the enclosure... and the mules "free ranging" on the strip @ night. Had the customary turkey dinner this evening, provided by NOAA. Got ready to be gone for 2 weeks.

Thursday, August 13<sup>th</sup> (entries by Tyler Morrison)

Jim flew out today and all went well on that front. Amie-June worked on more of the herbarium tasks and I split and staked firewood at the lab. The water in Big Creek has gradually been clearing up, making much better working conditions for the NOAA crew. Penny & Bat snuck onto the airstrip during the day. Ellen and her helper Montana hiked in this afternoon.

Friday, August 14<sup>th</sup> 2009

A fairly mellow day. Amie-June continued on her regular tasks and work seemed to go ~~smoothly~~ smoothly for the NOAA crew. I believe they processed a total of 2,540 fish while they were here (but I'd need to double check to be sure). AJ and the NOAA crew got their bill settled in the afternoon and ~~everything~~ everything worked out smoothly. Penny & Bat got onto the airstrip again despite some additional fortification at the stream crossing gate. Last night (Tues) met w/ the Wild Sheep Foundation Board in Boise to discuss the Van Gowan's sheep poaching case... which is concluded with him getting a very stiff sentence. The Board wants to use this case as an "example".



Saturday, August 15<sup>th</sup>, 2009

The NOAA crew flew out this morning, requiring 4 islander flights to move all of the people & equipment. Later in the day Arnold's flew in and picked up Montana. I've added a decent covering of electric tape at the stream crossing gate (more than just the single strand that was there before). We'll see if that deters Penny's Bat or if we'll have to graduate to an electric fence that's actually hooked up to a charger.

Sunday August 16, 2009

I, Holly arrived back at Taylor at 8:15 am! - with Walt. I have been "out" to weddings of past students: Melissa<sup>2005</sup> Lamb + Dean Holoccek<sup>2006</sup> and Scott Fereday's<sup>2007</sup> to Fallon. I also spent time at our Geiger Butte-Elgin, Oregon property meeting with a well tester and geothermal heat exchange designer and visited Wallawa Resources. Spent Sunday on home chores & 3 hours reviewing work emails from last week and meeting with Amie-June & Tyler for an update.

Monday August 17

Bill McLaughlin & Bjorn Kaltenborn, <sup>Norway</sup> & Dan Williams<sup>RMRS Collins</sup> flew in this morning from Moscow to meet about developing a social science - climate change proposal. I gave them a station tour and background info on station history & programs. I congratulated Kerri Vierling on being selected for the Devlieg Taylor Ranch PhD stipend award - on woodpeckers & fire in Big Creek. Also emailed Tati & Jake to send 2008 & 2009 Lewis's woodpecker nest site locations for the long term database. Two Forest Service contractors doing FIA plots stopped by for trail & water source info in the afternoon. They are headed for Lewis Creek & Sheephorn Mt sites, then Rush Point. They watched ~8 wolves (collared) chase elk across Big Creek at Mule Basin. Had a potluck BBQ with Bill's group and all of TR people.

Tuesday, August 18

Problems with the new printer consumed a big part of the day. - the print head is faulty and needs replaced - customer service from India was not very helpful. Assembled lodging funds from NOAA (\$450 cash!) and made arrangement for Bill to hand deliver at CNR. Coordinated with Gary Thompson on MOSS trip to Taylor tomorrow. NPT Telemetry flight over Mule Basin confirmed wolves were still there today. In the evening I hiked up to Mule Basin and ended up walking past the wolves,  $< 50\text{M}$  apart in thick riparian brush, when I turned the telemetry down too low! No visual, returned to TR in the dark. Wolf whacker was ready for action! - none needed. I visited with Bills group in the late evening. They saw a wolf downstream.

Wednesday, Aug 19

Bill McLaughlin came over early, 7:15am, and met with me an hour about the budget & leadership issues for US (J&H) and Taylor Ranch. It was a civil meeting, much better than previous ones. We are still figuring out how & what can be accomplished after Jim & I go on half-time appointments Sept 19. We had 7 flights to Taylor today - 2 for Bills group to Moscow (a shuttle), 3 for MOSS from Big Cr w/ McCall Aviation, 2 Arnold Aviation planes for mail, IDFG exchange and CBS reporter. The reporter interviewed me on camera about Ray Arnold & Arnold's mail service. I gave the MOSS crew (17 educator trainees & 4 staff) a station tour in the morning and participated in their group discussions in the pm. Tyler also participated; Amie-June presented the local geology to the group in the evening. I canned peaches & made jam in the evening. The MOSS group is short on lunch food, so I loaned them lots of cheese, granola bars, carrots, tortillas, crackers, pretzels, cookies; T & AJ helped out, too.

Thursday August 20

Tyler & I hiked to the Gorge with the MOSS group and I provided content information about the local environment - Indian prehistory, climate, topography, water, vegetation, wildlife, adaptations... and the MOSS group conducted some activities they will do with children this fall. Saw a 4-7 day's dead elk carcass in Big Cr below the salt lick - probable wolf kill. A small W. toad in the Gorge and green paint rattlesnake at the lower pasture gate and prairie falcon above Goat Cr. HOT day for hiking. Tyler changed Lab propane and Refrigerator may be working again.

Friday Aug 21

MOSS group headed out early to Big Creek - 3 day backpack trip. I caught up on old correspondences once they left. Tyler moved the stock to the North Pasture. Amie-June finished up the Airstrip phenology route with Tyler. I finished canning & freezing my peaches & nectarines. Watched The Dog Whisperer on NatGeo channel.

Saturday August 22

Amie-June worked today for some extra hours for next week's trip to the coast. I took the day off - went fishing & Kea went swimming. Researched "green" building material on the Internet for our house construction project and read a TimberHome magazine for house ideas. The Internet is very slow - diagnosed as the Hughesnet problem, not our wireless.

Sunday August 23

Ray flew in early with Kiira in and Shelly & Amie-June out. Home chores, Kea retrieving, cabin construction ideas. Tyler is off weekends now

Monday August 24

Sent budget #'s breakdown to Lori on AA bill and reviewed TR opps monthly budget statement from Lynne. Sent Bill McLaughlin the semester course proposal "The Winter Riverine Environment" that I presented to the CNR Dept Heads last year - as an example of what I'd like to coordinate for TR in spring 2011. Corresponded with Gosz & McIver about Engineering trip plans and keeping us informed about the 1<sup>st</sup> TWRS science advisory committee meeting headed by McIver (that replaced the previous advisory committee coordinated by Akenson).

Emailed Chris Schneider, UI DVM, about not needing rattlesnake vaccine for Kea, when he is in with Ken Cain this week. Tyler did yard work until the lawn mower broke down. Then he did repairs. He does irrigation/sprinkler changes 2X/day 7 days/week and monitors water system daily. Power production has been very good lately while there are few visitors.

Tuesday August 25

I read up on CNR Leadership (Dept Head) meeting notes on the CNR web to catch up on strategic planning and budget issues at CNR & UI, since we are not able to attend college faculty or staff meetings. Wrote Gayle D. about the archaeological sites she found on Shellrock Ridge; corresponded with Jim Morris about his <sup>phone</sup> meetings with CNR about his interest in establishing an endowment for Taylor Ranch upon his death. Wrote a letter for Landon Moore establishing his Idaho residency. Jim spent a long day of furniture moving for his Dad in Portland.



Wednesday August 26

Mail day! Ken Cain & Chris Schneider flew in & hiked downstream fishing for whitefish to collect kidney samples for parasite testing. I worked on computers - troubleshooting Gateway very slow performance and outruled LAN and satellite modem as problems - suspect its the computer itself. Couldn't find any solutions on the Internet, so emailed Vanessa & Jory. IBM computer I loaded new UI Sophos antivirus software after I ran Symantec scan and removed Symantec program. I tried to download Outlook Exchange & Outlook 2007 but need a newer version. Got updates on the TWRS Advisory meeting from Ed & Tom Bitterwolf - positive feedback. Visited with Ken & Chris in the evening.

Thursday August 27

Jim flew in early with Ray after his trip to Utah and then Portland - youth bowhunt with Noah and settling Dad into retirement home. Worked on billing questions. Read CNR staff minutes & other college updates on CNR/UI strategic planning & budget decisions. Jim put stuff away and went over the last weeks worth of emails. Ken and Chris spent the night up on the Cliff Cr. Ridge... no wolf howling heard but a lot of fresh sign seen. Two of Travis' crew came back down Pioneer Cr... w/ 5 head.

Friday Aug. 28

Tyler took the day off (horns up) and hiked to top of Cliff Ridge. I summed up some firewood and caught up on emails. Holly tried to solve the "molasses computer" issue... she'll likely send it to Moscow w/ Ken Cain. Had a BBQ tonight - after Ken and Chris returned from the Horse Mtn climb via Cliff Cr.

Sat. Aug. 29

I went whitetisk fishing w/ Kim & Chris, trying to up the sample size for them. Chris, using a lure, caught 12 more, Ken 2, me zero... I mostly managed Ken (keeping her out of water). After lunch Kim & Chris helped me split and stack wood... for 1 1/2 hrs. Had to repair the chainsaw pull-cord, eventually got all the wood sawed up. Kay A. came in with the 185 bringing back Annie Jane and taking out Chris & Ken. Also today, Brunda B, Travis, and guide Steven stopped by to visit, then headed up Cliff Cr. scouting for sheep... Brunda & Steven both have early season tags.

Sunday, Aug. 30

Had a big rain last night, well over an inch... Big cr. is running very dark Took Bea on walk to the sage flat, shooting Nov too. I caught up on PBS emails, Holly worked on resume reconstruction. A-J worked half the day to make up for time off last week. Split some more firewood - not much w/peg still swollen elbow.

Monday, Aug 31

Went over a couple weeks worth of jobs with Tyler, and talked about a summary report for the work-season's accomplishments. J. Goss skype called us giving an update on upcoming meetings - the recent advisory mtg., and trips in for the new advisory people. Tyler went to work on fence repair, A-J did more data organizing, I did some more firewood and leather repair, Holly worked on data mgmt. "to-dos" for A-J. It's been so wet that Tyler isn't operating airstrip sprinklers - very rare for the end of August! Emailed with the B folks about them being here Tues.

Tuesday, Sept. 1<sup>st</sup>

Woke hauled on hitches <sup>last night</sup>.

More firewood, fence repairs - mostly Tyler, and Holly & A-J doing usual computer tasks... corresponding w/ Nancy M. on cow-increasing UF visits for Sept./Oct. Beau and Justin from "the B" (Root Ranch) made it @ dinner time w 10 head

headed to the Root. We made an elk stk dinner and they left us w/ groceries too. The Idaho wolf season began today - at least in the hole and Sawtooth units. Scheduled to start here Sept. 15<sup>th</sup>.

Weds. Sept. 2

Got up early and made breakfast before Ben and Justin hit the trail. Ray flew in w/ Cheryl Borum, plus his (Ray's) sister Jois and her husband Jim. I toured them around. We emailed back and forth with Nancy M. on the Taylor poster she is completing. Shilo the F&G Stump. Ranger from Calvin CR. stopped by... we visited on trail conditions and locations of outfitter camps. Tyler did more fence - pole replacing, around DeVlieg, Lab, and South of the barn. I put shoes on the fronts of Bird & Bat. A-J worked on biblio. Holly and Cheryl pulled stuff together for their pending pack trip. Holly stayed up late doing work emails - final edits for Nancy M. on the poster. A-J also prepared the F&G locking bill for the screw trap season... to date anyway.

Thurs. Sept. 3

Ray flew in this morning to do the F&G exchange - Kiwa out, Dane, Nanette, & dog Arbor in. Tyler rebuilt the gate by Arlows - looks great! He also did yard work around Hornotex/ Arlows/ Taylor C. I sawed up and split more firewood. Sent billing memo and invoice to Jon Hunter for Philip C. and I on the sheep investigation. Holly and Cheryl primarily got more things ready for their pack trip. Nanette made brisket & calump for all this evening.

Friday Sept. 4

Got up early to help Holly and Cheryl get out of here with 4 head - going into The Crags. Finished up the Lar Ham Lab - move story. Tyler worked on replacing the coral fence posts. A-J caught up on locking bills. Dane and Nanette's dog Arbor are settled in to the Lewis Cabin. Prepared whitefish in brine... to smoke.

Sat. Sept. 5

I mostly processed - smoked the whitefish. Split firewood while tending the smoker. Had 2 planes in early. The first was M-F bringing in stuff for Katie Miller & 2 friends, who are hiking from Chamberlain to the Craggs C.G., and bat sampling in The Craggs. They'll be back through here for Tues. Holly called from <sup>all OK</sup> S. Fork Waterfall Cr. It was 2nd flight of today, bringing helicopter fuel (barrel), and our computer.

Sunday, Sept. 6

Went fishing this morning, caught @ 16.25" cutthroat, probably biggest of the season. Set up the TR computer, has a black screen issue that came on after 2 1/2 hrs. being on... always something w/ these ---- 'puters! Tyler & A-J found 2 salmon carcasses while swimming @ the big bend downstream. Two backpackers (17, 10<sup>+</sup>) went by upstream. Stopped on the trail rise to glass buildings... then went on when I stopped into yard and glassed them!

Monday, Sept. 7 - Labor Day

A day off today. I mostly worked on my PBS stuff and caught up on emails. Took Kea on a grouse hunt w/ bow - Rush Cr. Didn't see any. Holly called from Welcome Lake in the Craggs. A-J did some computer work to catch up on hours. It sounds like woodrats are recolonizing in (over-in attic) the Lab, and under the Lewis Cabin. Tyler went to Black Butte and back today via Cliff Cr.

Tuesday, Sept. 8

(Ray flew in Kira, Jane/Nanette out)

Tyler split and stacked wood for the DeVlieg Cabin. I used the 64 to move the rest of the wood above orchard to the Taylor woodshed, and moved old fence material from the corral... to Taylor C. Katie Miller and 2 friends Robyn Paulekas and Kendra Hatcher pulled in with their backpacks... en route from Chamberlain to Panther Cr, east of the Craggs. Caught up on visiting w/ Katie and put them up in the Lab. Katie was a DeVlieg scholar in '02, researching bats here. A-J continued work on the biblio and plant collection, and she did the local plant phenology. Grilled up Buffalo burgers for dinner. Robyn & Kendra are Bioscience grad. students @ OSU... just like me, 25 years ago! Did some work emails today, too.



Weds. Sept 9 (9-09-9!)

Picked weeds around barn & corral with Katie & crew so they could defer loading. Ray A. flew with the mail and big package from the Moss crew... Repaying borrowed food. Tyler and cut-down (heavy pruning) the brush row off the west airstrip end... to improve plane visibility/safety upon landing. Looked over the Taylor power system expansion document sent us by Justin Schuke... made many comments.

Thurs., Sept 10

Tyler got the irrigations going again - airstrip and main pasture. A-J completed her progress report on data related work. I continued comment-notes on the power system plan, and finalized the Lankam Lab intro page & photo, which A-J helped me get on display. Russ Thorne did the helicopter Redd count today, with Heli-work from Deer Lodge, MT, Will was the pilot. They stopped in twice for fuel and Russ reported not seeing many Redds... except way up high on Big Cr. Holly and Cheryl returned from their pack trip into the Crags, generally a good trip w/ very good weather.

Fri., Sept. 11

Reminiscent of 8 years ago... a lot more laid-back on this one! Did the usual morning emails & checks of emails. Visited Tyler for his input on the power improvement plan, before he and A-J were flown to Big Cr. @ 10:30 am. Reviewed the electrical plan by the team SSP. Ray flew in early afternoon bringing in sister Veronica and her partner JS, and taking out Cheryl Borum. Received the skype conf. call @ 5:30 pm and provided input and dialogue on the new electrical system - hydro's solar power combined. Put away the Kennedy stuff in the DeVlieg, as I don't think they'll be in tonight. Fly sprayed the stock - still a lot of bugs - house-fly looking egg layers!

Sat. Sept. 12

Did the morning chores w/ Tyler gone, moving sprinklers again. Went fishing w/ JS and we caught a wide range of species (3) with the spin outfit. Holly caught up on some emails while Veronica & JS went for walk. The Kennedy crew (Brian, Ellen, Alex F., Nicole, Jeannie) pulled in @ 6pm. Had a potluck w/ our crew, Brian's bunch, and Kiira. Ellen lamenting this being her last project related visit to Taylor.   
 They found about 40 salmon carcasses, most at Cabin CR.

Sunday Sept. 13

The fish crew went downstream looking for more carcasses - no additional ones collected. Both Walt & Ray flew in to take-out the Kennedy group. Tyler and A-J pulled in early evening from their hike down from Big CR. More fishing today. JS is up to 17 Bull trout incidentally caught while fishing for cutthroat 15-19.5". They are still around! Brian K. actually reported that, including upper Big CR. and Monumental CR, that they have sampled 40 salmon this summer. Holly worked on the computer issue / kept out plants from her Craig's trip.

Monday, Sept 14

A day of doing small detail things... searching for poles upstream, went fishing w/ Veronica & JS. Emailed J. Gosz on next week's meeting w/ USFS. Holly set up the computer screen for the TR computer - got it to work. Tyler mowed the yards, finished up the DeVlieg wood pile. Annie June worked on plant collection and she and I talked about the display updating - layout, and we put up the Latham Lab - cabin move photo & description.

Tuesday, Sept. 15

First day of legal wolf hunting in the Middle FK zone, no sign of hunting activity. Tyler and I went to retrieve a gate post on 2, but none turned out to be sand enough. I reviewed A-J's data mgmt. progress report. Tyler continued the DeVlieg ut. room sealing (plywood). Holly and Veronica hiked around L. Rush CR, collected a few plants.

Holly also finished keying out plants and put into the p. press.  
Had a final dinner - enchiladas with Holly's sis Veronica and JS. Tyler and I emailed "expertise" regarding plastic types used in (and for) the water box.

Weds, Sept. 16

Tyler and I measured the water boxes to order liner from BAF in Boise. The mail plane came - Walt, fairly early. He took out Ver. & JS. and brought us mail, groceries (not H. & I), and plywood. Tyler continued work on DeVlieg basement w/ more plywood. A.J. worked on organizing interp. displays (student/researchers) and did more w/ plants. Holly reviewed the docs. that A-J has produced, and she caught up on Uni. computer - bookkeeping. I mostly finalized the agenda for the 3 day packing workshop/class in Cottonwood this weekend, and prepared to be gone for a week. I put yet another coat of oil-jet A - and red pepper concoction on the corral hitch rail, posts, etc. Mica finally done with anti-biotics, and wound is day new.

Thurs, Sept 17

This is Amie - June Brumby, writing in the Taylor Book for the first time! Jim and Holly flew out on the IDFG flight this morning (Laurie flew in) on their way to teach a packing class in Cottonwood and attend a meeting in McCall. I've been working on creating some updated pages to highlight our current researchers, grads, & undergrads on the board in the lab. I talked over some corrections with Holly before they left, & incorporated some new info and pictures. Started printing this afternoon, but it looks like the new cartridge in the office is broken - winter frost damage? Tyler continued putting up plywood in the DeVlieg basement room. A big Doug fir branch fell by the hydro shed today. Jelt are at Coyote Mule Co. preparing to giving a "Wilderness Workshops" on mule packing and proper stock management in wolf country.

Fri, Sept. 18

Continued working on the research board today, printing pages & snapping out frames. Did airstrip phenology. Wrote up Ellen's bill for the summer, & also for Brian Kennedy's group from last weekend. Started writing up a "blurb" on the DeVlieg foundation for the research board. Tyler was out of hours & took most of the day off. I'm taking Kea for walks (instead of throwing the ball) to let her leg heal up. Doe, fawn, & buck behind the Taylor cabin this morning.

Sat, Sept 19.

Day off! Holly gave me 2 zucchinis from Cheryl Borum, so I grated them up & made a lot of muffins. The fridge in Arlow's stopped working - the pilot was on (burning very hot), but nothing inside was cold. Tyler cleaned at the exhaust and that seemed to do the trick although it took a long time for the temp to cool down again. Kea got to come in Arlow's & meet Pan-cat for the first time - it went pretty peacefully. Bat at the window tonight, and beautiful stars. Oh, and Ray came by & got the 3 canisters of propane for Cabin Creek that he left here a while ago.

Sun, Sept 20

A nice, quiet day. It's been totally clear and sunny for days, with wind in the evenings. I made bread today, and Tyler & I walked down to the lower pasture.

Laurie is trying to catch a fish-stealing mink, but no luck so far. We had some amazing wolf howling tonight around 10:00 PM - very close! It sounded like 2 wolves in the lower pasture & one above the N. pasture on Horse Mtn. It went on for 20-25 minutes!



Mon, Sept 21

We got our first frost last night! It was pretty mild, though (just in a few patches), so all the plants still look fine. Tyler spent today working on his work summary/report. We also went down to the lower NOAA array to try and fix a computer problem... not sure if it worked or not. Continued to work on the research board w/ more additions & adjustments. Sent some info to Jim & Holly for proofing & made an office supply "wish list." A flock of waterfowl (~12?) kept flying back & forth between Rush Ck. & the screw trap all morning - couldn't tell what they were. Stock are still in N. pasture & doing fine. Added a cattail to the plant collection.

Tues, Sept 22

Walt came in around 9:00 AM to pick up Larrie & drop off Kiira. I got the info I needed to print the last few student pages for the research board. Tyler mowed some lawns, but the mower was just barely hanging on & finally broke down. H&J spent most of the day shopping and doing DR. appts. in Boise. Purchased all the supplies necessary to re-line the Pioneer Cr. waterboxes, then returned to Cascade to spend the night with friends the Bates.

Weds. Sept 23

Holly and I drove up to McCall and met with the F.S. (Payette), Aldo Leopold Forks (Dave Parroxs), Rocky Mtn Research Stn. staff, and a contingent from UI - B. Kennedy, E. Krumpal, S.D.L., T. Bitterwolf, A. Foreman. The topic was Research in wilderness (appropriate) and the MOU between the USFS and UI. Started @ 9 am, finished 4 pm. Had more than a plane load w/ feed and liner supplies so we broke things into 2 plane loads. Greeted @ TR by Tyler, A-J, and Kiira, the evening was devoted to putting supplies away. Tyler brought the stock back from N. Pasture.

Thurs. Sept. 24

A catchup day for us, putting things away and going over 50+ emails. Heard wolves howl this morning - upper benches. Tyler continued WeVly utility room wall. A-J on Vibrio. Got warm today - mid 80s. The bear got most of the pears off the garden tree.

Friday, Sept. 25

Walt flew in this morning with 10 bags of feed and the waterbox liner material. I used the bk to move supplies into place. Emailed back and forth with Ed Krumpke regarding the new - FS meeting and facilities input by Butch Fullerton - et. Holly worked on plant ID from her Craig's trip. A-J did plant phenology and biblia, Tyler "out of time" for the week.

Sat. Sept. 26

Caught up on personal stuff - day off. Heard moose grunt <sup>at</sup> 7:11. Hugged up Kusa CR. Put together some camp gear for Oct. hunting activities. Bear visiting apple trees... light damage.

Sun. Sept. 27

Pesty bear back again. All off bear today.

Monday, Sept. 28

Prepared for visit tomorrow by J. Goss and crew from Moscow. Went over respective write-ups by A-J and Tyler: A-J on data mgt. Report and Tyler on facility job-accomplishments.

Tuesday, Sept. 29

Comm. w/ Doug Baden on weather. Interstate Av. brought in J. Goss (CNR), Mark Hovnan - Dean from Arts/Architecture, and Eric Coats; engineering faculty. Gave them all a tour of the place and talked about history, current use, future needs etc. We had a potluck in the evening with all involved... Kiira, Tyler & A-J, <sup>(Tim & Forest too)</sup> us, 'lt people. Tim Hall and Forest... stop in and spent the night while taking 3 head from Hettiger to The B.

Weds. Sept. 30

Visiting more with Jim, Eric, Mark, mostly on building expansion and improvement. Met with Jim G. and talked over job expectations and Taylor - UI communications, a good visit. Holly & AJ met with Jim G. on Data Mngt. update and future needs. Hiked down to the 1<sup>st</sup> pictographs with Eric and Mark; they went on to the Gorge and I hiked home to fly out w/ Walt @ 5 pm... to pick-up NZ friends in Boise. All left here got together and had another potluck. Holly bonked the apple-bear in the head with a block of fire wood tonight... sending him fleeing out of the Taylor tree! Jim's "Bear crow" scare crow and light <sup>shining</sup> on the tree was not effective!

Thurs. Oct. 1<sup>st</sup>

Doug G. flew in and took out Jim G., Mark H., and Eric C. Ray A. flew in w/ Shelley and her boyfriend Wes, Kiina went out. Later in the day Walt flew me back along w/ NZ friends Janet and Philip Connors. I researched propane heaters for the Dave Lewis Cabin and ordered a low cost model for IDFG use this fall as supplemental heat. Set up building safety inspection trip for next week. NOAA Fisheries still having problems with sending data from antennas. Tyler worked on DeVlieg water line drainvalve installation in Pioneer Creek. Amie-June put all Heritage Program Payette NF historical documents (~20) in a notebook and catalogged them. Shelly put on a dinner/potluck for everyone - lasagne in the Dave Lewis cabin.

Friday October 2

Holly & Jim off today. Jim & Philip went hunting and Janet & I hiked downstream; also collected <sup>strict</sup> buckwheat and blazing star for the plant collection. Tyler drained Lanham Lab and winterized it. Amie-June finished work on Heritage Program documents. → actually done Monday, because Tyler was off today.

Saturday October 3

Holly & Janet went hunting - and saw a herd of elk and heard a bull bugle right where we photographed the 6-point 2 years ago. One 6-point got ran off by another 6 point and it went to the saddle where Janet & Kea and Star & Penny were - Janet got lots of close up photos. I got a shot at the other 6-point but had a non-fatal hit. We tracked it for 2 hours, then all day Sunday with Jim & Philip. Jim & Philip came back from their trip. Tyler & A-J off. Amie-June baked pumpkin pies.

Sunday Oct 4

Akensons & Commins' went back up in search of the bull - Jim tracked its footsteps another 1/2 mile, but no blood. We heard a bull bugling & saw some cows. Returned home. Wes tried to fly out today, but Arnolds never made it in - snow & low clouds in Cascade, but we never got the predicted cold & precipitation here. Had Amie-June's Pumpkin pie with everyone at our cabin.

Monday Oct 5

Tyler & Philip finished installing DV waterline bleedout in Pioneer Creek. I worked on billing & plant ID for collection labels. Jim responded to emails. A-J was sick today. Jim & Philip hiked back to Half Barrel camp in pm. Wes flew out and Brooklyn Hudson (IDFG) flew in. Janet collected chokecherrys & elderberries, got recipes off the Internet and made elderberry syrup and chokecherry syrup & jam that we canned.

Tuesday Oct 6

Tyler finished draining lab and checked smoke alarms & fire extinguishers for safety inspection tomorrow. Holly & Janet rode/hiked up Pioneer above Table Rock - pics in talus 2 knobs higher up, no elk. A-J still on sick leave. Shelly flew out after training Brooklyn. Jim & Philip camped out.



Wednesday October 7

A wolf howled on the benches last night, but no signal in the morning. The bear had been back in the apple tree, despite having picked most of the apples — the bear apparently <sup>US</sup> fell out of the tree, breaking a 4" branch off. I spent the day on budgets, email, firewood, airplanes. Tyler got ready for the safety inspection, but Bill Messer canceled after waiting at Arnolds several hours for their fog to lift. Gabriel (NOAA Fisheries) flew in with McCall Aviation to fix the data transfer ~~of~~ problem with the lower antenna site and ended up flying back out in a few hours because it was a quick fix — loose wires. Walt flew in with mail at 5pm & we visited with his passengers Jack Badley — Badley Ranch and John Lee USFS wilderness ranger. Both planes landed "backwards" due to wind in the canyon. Janet cleaned up the apple tree mess. Jim & Philip returned home after chasing bulls around — Philip videoed "Jim's" Gpoint.

Thursday Oct 8

Got caught up on work and CBS emails. Spent the morning calculating construction costs on the list of items sent to us by J Gosz <sup>NEW</sup> office, <sup>NEW</sup> bunkhouse, Arlon's, Hornicker-renov. Holly worked on billings and UT staff information. Worked with Tyler in the pm as he installed the inflatable flow reducing ball and then <sup>Tyler later popped the ball pulling it out.</sup> cleaned out the culvert — thoroughly. A.J. worked on Researcher pages. Philip edited his photos and Janet did pers. chores. Emailed Maurice H. about Wilbur W. and he emailed back.

Friday Oct. 9

Holly sent out Researcher web page drafts for review. H & I emailed Justin Schae about the solar panel batteries. Holly also communicated with HP to get a new head for the printer. Jim & Philip handed <sup>up</sup> to the elk camp. Also this morning we all saw the Golden wolf pack who had killed an elk near the downstream salt lick. The wolves <sup>Ham-on</sup> harked a lot early this morning on or near the airstrip.

Saturday, Oct. 10

Cold last night, 22° officially. Mike Norris and Isaac B. stopped by after radio-tracking... wolves up Cougar CR. They dropped off supplies for Isaac and Bjornen this winter. We (P&I) heard the wolves howl most of the night near game knob, then heard into upper Cougar CR, still howling and carrying-on. We came back from camp... on time for pear-pie and Tyler and A-J over too. Brooklyn Reports many fishing moving downstream with this cold-snap (300±).

Sunday, Oct. 11

The pesky bear hit the trees (apple) east of Arlows and the Hornocker. Tyler and A-J picked a couple boxes of apples (almost all) to relieve the attraction. The Hornocker Cabin had no water this morning and Philip discovered a "solid" frozen poly-line going across Pioneer CR. So, Philip and I built the annual pooling-dam to cover the line and valves. This is oddly early to have to do this, but we were down to 16°F last night. Philip and I hiked 1 1/4 miles up Rush CR, w/ knee boots, there's been a lot of wolf activity up there recently... and 1 elk track headed downstream.

Monday, Oct. 12

Holly and I visited, made notes, for doc. requested by J. Boss <sup>- in the morning.</sup> on expectations-professional, from us. Caught up on UT emails - to L. Tamsen regarding fish-screw trap results for ACUC reporting, L. Kittner on Ilt time. Holly worked with A-J on data management wrap-up. Tyler replaced the bridge by the fuel shed (over ditch). Tyler also did fence repairs - Penny & Bat breaking into DeVlieg yard. In the afternoon I joined Philip up E. Pioneer Rd. for an overnight.

Tues., Oct. 13

Holly worked on commun. for researcher pages on the website. Tyler made insulation caps for the waterline valve boxes. A-J not feeling well, stomach issues. I returned from E. Pioneer after lunch, and then completed the ACUC reporting for the fish trap and

wildlife activities associated with the Bleak internship - sent in to campus-vet, Brad Williams. Holly dug up the Row of potatoes, a good crop for the # of plants!!

Weds., Oct. 14

Supposed to be a mail-day but lots of low-overcast after last night's rain. Holly worked with AJ on data mgmt. issues. Tyler built the framework for the Lewis Cabin valve box. I emailed J. Goss our "needs-list." Holly and Janet hiked-backpacked up to Cliff/Cougar Rdg. camp so H. could hunt and Janet photograph whatever, probably wolves. Ken Cain hiked up from Goat Cr. to visit, he has a sheep tag for this unit, he said a FS person "Mark" was headed up Cliff Cr. to check on outfitter campsite. We think he left us a black bag of... trail junk, hanging on the bridge gate. Had Brooklyn over for visiting and dinner... Raining this p.m.

Thurs., Oct. 15

Had "H" of rain last night. P's I hiked downstream - he went on to Dence Cr., I returned late morning to do Taylor work. The mail plane came in early afternoon, bringing Kiara in and taking out Brooklyn and AJ (to see Dad), regarding 5 tonacle issue. Ken Cain and Chris Schneider stopped by to visit while sheep hunting in the area. Holly and Janet camped on Cliff Ridge.

Friday, Oct 16

Tyler installed the propane heater in the Lewis Cabin. Philip evaluated the lawn-mower to determine the problem (spark advance). Saw where stock/hunters? from Rush Cr. went up Pioneer Cr., 3 head. Philip and I put together camp equipment for the Nov. hunt. I emailed back and forth with Justin Schlee regarding the new power system and logistics. J. Goss and crew cancelled yesterday but the engineering folks are still scheduled for tomorrow. Did the usual TR emails but have exceeded my 20 hrs. this week... and still have people coming tomorrow.

Sat. Oct. 17

Fog in Cascade this morning, so more visiting time w/ Commins' + Annie-June back. The plane did make it in just before noon bringing in Justin Schlee (Engin. grad. student), Don Blacketter (Dean of Engin.), and two other students. Friends Janet & Philip flew out w/ Walt. After doing a tour we discussed the site development for the solar-lygus. combo. Don & I snuck away for a little fly-fishing and he caught 8 large cuts. The plane came back in @ 4 pm and took out the engineering crew. Had 2 of Zettels (Rush Pt.) mules in our yard today... they did some trail-steps damage. J

Sunday Oct. 18

Tyler brought the mules/horses back over from the N. pasture of course it didn't take them long to roll the buck's rail fence around the DeVlieg... twice! Took Kea (with shotgun) on a walk looking for birds around Rush CR. Saw where the Rush Pt. hunters went back from Pioneer cr. Mark the F.S. worker stopped by after going to the Rush Pt. camp. (Zettels). He said they had a "bigger bull" <sup>1000 lbs.</sup> that came from Pioneer CR. So much for more bow pursuits of old broken-horns. A-J & Tyler had all of us over for dinner this evening.

Monday, Oct. 19

Steve Achard and Eric? flew in this morning via McCall Av. They changed out the monitoring cannister @ the gabion barb and then checked the upstream/downstream antennae. We visited about the winter effects on the site and TR staffing relative to NOAA interests. Tyler had to fix the N. side DeVlieg Fence after the stock demolished it. This time we put up fake electric to discourage them. Tyler did his annual self evaluation and we reviewed them together - plus I added comments. Holly and AJ continued data mngt. coordination and wrap-up. Heard from Ken & Chris that Ken was a successful sheep hunter - w/ bow and big one!



Tues, Oct. 20

Holly worked on RAWS station reading, apparently errors with solar-radiation, Holly and A-J did her (A-J's) self evaluation Review. I did some emails then took Kea on a little chuckle hunt downstream, encountered some birds but no shots fired.

Tyler continued winterizing projects, A-J worked on billings and started user-day summaries. Holly had <sup>(A-J, Kiira)</sup> everyone here over for lasagna dinner.

Weds., Oct. 21

Holly and I took Kea and 3 head of stock up to Cliff Rd., hunting and bringing back our camp. Also, met up w/ Ken and Chris and packed down Ken's Ram & some camp gear. They spent the night w/ us to relay the hunt story over dinner. Ray flew in midday with the mail, and bringing in Isaac and Bjorn's supplies. A-J now has the plant collection totally done. Tyler worked on the little shed for the intake tools/attachments.

Thurs. Oct. 22

Got going early and used 4 head to take Ken and Chris down to Soldier Bar with his (Ken's) Ram + camp gear. Holly and A-J went over data night wrap up. Holly and Kiira flew out late morning and Laurie J. came in to run the trap. A-J finalized student-research pages - for website. Tyler finished intake shed. I started letter of rec. for Scott Foreday.

Friday, Oct. 23

Tyler began the waterbox project using the new exercise ball to block flow... until it burst from pressure! We then had to improvise using black plastic. We successfully installed the new box liner and Tyler fine tuned the liner-fit. A-J continued research page updates. Visited Holly in Oregon, Laurie J. worked the trap... she likes the new propane heater in the Lewis Cabin.

Oct. 24/25, Sat./Sun.

A fairly uneventful weekend, weather foul at times. Isaac, Björner, and Shane arrived @ 8 pm Sat., w/ huge backpacks having come down from Big Cr. with film gear. Stock broke the pole fence in NE corner 3 more times - spending a lot more time in the corral. A-J and Tyler boxing up supplies/belongings to fly out later next week. I did some nearby elk hunts, not too serious though. Sun - Tim & Isaac took camp up Pioneer Cr. w/ 4 heads. All up for ice cream Sun. pm

Oct. 26, Monday

The big news of today was that Laurie J. caught the marauding mink! We kept him in the live trap - tarped and will fly him out on the next plane... hopefully tomorrow. I worked with I, B, Shane crosscut sawing down a couple firewood trees east of the Sauna Cabin... and bucked up for skidding. I completed Scott Friday's Rec. for the US Coast Guard. Tyler put sidewalls on the intake storage shed. A-J continued wrap-up on her projects.

Oct. 27, Tuesday

Most of today was devoted to moving firewood logs w/ the mule team. Skidded logs on either side of Pioneer Cr. - to the Janis Cabin and Taylor C. The mules did OK, a bit "cherry" at times. Shane filmed the log-skidding work. Tyler worked with us & mules. Squally day -- snow showers and wind - no plane able to come in today. Had Isaac and Björner complete volunteer sign up forms.

Oct. 28, Wed.

Mailplane brought in Philip & Janet, a bit late since they had to buy our ton of cubes. Laurie J. went out with the mink and Kiira returned. Tyler made a wood journal box, A-J pdf'd the Alaskan predation reports; did the last plant phenology and organized journals and articles. Had Isaac & Björner over for Pizza... and they brought soup.

Oct. 29, Thurs.

Philip and I hoisted up E. Pioneer Cr. Rdg... the dreaded climb. Tyler and A-J took the day to pack up and clean Arlows. Janet took Ken on a hike on the benches. I missed a big fat cow with my bow. Isaac and Bjorn continued getting set up for filming. Heavy wet snow this evening - up at camp.

Oct. 30, Fri.

What a night of moisture up @ camp - rain on top of 6" of snow. I packed up and camp back down the slick-ridge... thinking Tyler and A-J would fly out when the weather lifted... never happened. Stane L. and Vermont hunter Bret stopped in to use phone... Bret had lost his deer carcass to wolves and they were checking to see what policy was from F&B on shooting another (could not). Janet did things around here - and cooked us (T, AJ, me) lunch and dinner. Isaac practiced with my .308. Also, Stane invited Isaac to his camp to film and hear about outfitting hunting. Philip back late after another (long) day of elk chasing - w/ 1 more bow shot taken. Holly's sister's area now w/ her family.

Oct. 31, (Halloween), Saturday

Still marginal weather, but improved enough for some flying. AJ - Tyler were flown out by Mike Dorris, but not all their gear, so Mike had to make a second trip... and also brought in friend Ron Sherer. Went over Ranch setting tasks w/ Janet. We packed up gear on 2 pack mules, took 2 Riders and went up to camp. Janet & I returned to TR w/ stock at dark.

Nov. 1<sup>st</sup>, Sunday

Janet did TR chores. In the pm she and Isaac moved the stock to the north pasture. Also today wolves were howling above the benches. I & B. did some videosing of them.

Nov. 2, Monday

Janet did the usual chores - calling in weather etc., and she took Kea on a walk above the benches. Philip, Ron, and I were bowhunting deer from camp. Isaac and Bjornen spent the afternoon sawing-up firewood. Janet had I & B over for dinner this pm. Philip back @ TR this evening.

Nov. 3, Tuesday

Isaac and Bjornen continued sawing, splitting, and stacking wood; they also sawed/split @ our wood pile too! Janet cooked some great soup - and Ron and I were back @ TR by lunch time. Replaced 2 propane @ Taylor Cabin. Communicated with Holly on some things to purchase, and also caught up on UT emails. Janet walked Kea to below the downstream salt lick.

Nov. 4, Wednesday

I flew back to Taylor & unpacked groceries & gear. Jim did W. correspondence. Isaac & Bjornen flew out for a few days, Janet & Philip and Jim & me home for dinner.

Nov 5 Thursday

Spent the day on TR business - information & documents sent to Jim G on FS Special Use Permits; reviewed College of Engineering proposal to DeVlieg Foundation; RAWS station troubleshooting. IDFG flight exchange - Kiira out, Shelly in. Shelly, Janet, & me together for dinner.

Nov 6 Friday

Awoke with a cold & went back to bed in the morning. In the afternoon I wrote a thank you letter to the DeVlieg Foundation for many years of support at TWRs. Caught up on CNR news with college departments & names. Janet & Shelly & I had dinner together, the guys were at hunting camp. A hunter stopped by.



Nov 7 Saturday

Took the day off - still recovering from a cold. Jason, Steve Zettel's guide stopped by to charge their satellite phone. Jim returned from hunting camp. He took horseshoes off Kat, Penny, Cricket. Coyotes howled this morning. Shelly & John H over for dinner

Nov 8 Sunday

Janet & I took the stock up to hunting camp to bring down gear. Sawed a bad log out of the trail. Ron came down with us.

Nov 9 Monday

Shelly & Ron flew out and Kiira returned. I worked on Devlieg thank you packet and researcher pages for TR website. Isaac & Bjornen returned. John Hunter (IDFG enforcement) hiked to TR to work the area. <sup>from town.</sup>

Nov 10 Tuesday

Mike Schlegel and Jim & Janet Pope flew in. We had a big dinner together - 11 of us in the Devlieg Cabin. Holly & Janet Pope worked on website update.

Nov 11 Wednesday

Holly & Janet P. reviewed bibliography & printed it out. Skye connected to 2nd TWRS new advisory committee meeting - future ideas, lodging fees, new position. Girls watched a movie in pm. No mail plane - rainy.

Nov 12 Thursday

Reviewed Gosz materials from for advisory meeting & had a Skype call with him about the meeting & a TR budget meeting he had with Bill M. this morning. Worked

with Janet Pope on website updates and corrected titles on researcher display pages. Group dinner at Devlieg Cabin again - 8 of us - even Philip came down from camp for a night. Jim still in hunting camp - he watched 8 Golden Pack wolves chase 22 mule deer near camp. Amber (USFS) spent the night @ Taylor - checking hunter camps in lower Big Creek.

Nov 13 Friday

Janet & Jim & I discussed the UI Engineering proposal to Devlieg Foundation and planned more webpage updates. Contacted Darrell on half-time pay corrections. Isaac, Bjornen, and I helped Kiira pull the screw trap for the season. Papes & John Hunter flew out to Cascade. Kiira flew out to Cascade - end of IDFG fish trap season. We pulled the electric fence in the North Pasture for the winter. Amber hiked back to Cabin Cr. Ty Bender showed up after dark & spent the night here - he was packing Zettel's hunter gear from Rush Pt to Cliff Creek and lost his sleeping bag out of a manly & couldn't find it. Jim home from hunting camp. Mike returned from camp - he's been sick since he arrived and never went out hunting.

Nov 14 Saturday

Cold spell coming - Jim & Holly & Mike drained & winterized Dave Lewis & Arlow cabins, East water line, Hornocker yard faucet, shop paints to Arlow basement. Isaac & Bjornen cleaned crud from Devlieg grease trap - a year's worth of debris clogged the kitchen sink. Actually, they got the sink to drain w/ boiling water and they left the grease trap to clear until water is drained.

Sunday, November 15

Hydro problems due to cold temperature ( $14^{\circ}\text{F}$ ) causing slush ice on water inlet plates = no running water and power loss, and air jams in 4" line. Restored water & power after 3 trips to waterbox. Moved Honda portable generator to hydro shed, recalibrated Inverter for the Honda, and charged batteries. Isaac & Bjornen learned system fixes and checked intake in the evening for slush ice. We are feeding mules 2X/day now.

Monday, November 16

Water off again at 6AM - easily restored by clearing slush ice from intake plates. I fabricated a new screen for intake pipe in the waterbox. Janet C. & I hiked across from the airstrip to watch bighorn sheep. Jim returned from camp with a bad cold / flu... went right to bed. Invited Zetel crew to stay here en route trailing out - they do not have a base camp @ Canyon Cr., instead cleaned up the big mess left by the last 2 outfitters here.

Tues. Nov. 17

Jim sick in bed today, with Mike's Respir. illness. Isaac & Bjornen cleaned DeVlieg and moved their stuff up to the Jew's Cabin. Isaac has the crud now too. Janet & Holly took sheep pics on the benches, but in full swing now. Philip brought down the Pioneer camp, snow had flattened the tent.

Weds. Nov. 18

Last day to hunt but neither Isaac or I feel well enough to do so. Philip went back up by camp and shot a 4x5 pt. buck this afternoon. Zetel's crew down with their Rush Pt. camp gear. The mail plane came & went, fed Walt lunch - he's about done for the year now.

Thurs. Nov. 19

Philip and I took 4 head up to camp to pull the camp and bring back the deer. Doing these tasks was a real struggle for me with this flu/cold bug. Holly and Janet made a turkey dinner and Ty Cote & Craig McCallum from Zettel's crew spent the night here - along w/ 10 head of stock being trailed out. Holly got ready to be gone a week and P&J worked on packing their bags too... for Japan (son's wedding) and then back to NZ - ending their 2 yr. trip.

Friday, Nov. 20

Holly rectified the sour-dough start, so we all got an early start with pancakes. Ty and Craig were on the trail by day-break. A lot of flying in the canyon, a fair amount into here taking out Zettel gear and bringing us grain (free-flying). Watt came in and flew out H, P. & J. Actually he made two trips w/ solar panels filling the incoming flights. After all the flying activity I returned to bed -- not any better w/ resp. problems.

Sat., Nov. 21

Only had 2 hrs. sleep last night. It was a job to do the am chores. In the afternoon I made a big pot of elk soup for the Root Ranch crew - who pulled in at dark 4 people, 24 head of stock. It snowed a couple inches today. They said 2' of snow on Crooked Cr. Summit. Put the crew up in the DeVlieg to keep heat going (for plumbing) in that cabin. Saw the Mike Hi string head out @ 11 am. this morning.

Sunday, Nov. 22

The Root crew made breakfast @ the DeVlieg, I brought coffee. They were gone by 8:30 am, I started up the backhoe - midday, pulled out the airstrip drag, and drag the airstrip to lock down the loose rocks. Did the daily chores. Feeling a tad better this afternoon.



Monday, Nov. 23

Did the morning chores then pulled out the tent & fly to dry in the lab... started a fire. Did <sup>sent Bob's annual report for info. Janit</sup> emails and PBS corresp. for a few hours. Still pretty sleepy/tired from this damn flu. Pulled off birds front shoes and trimmed her feet. Checked on plumbing in DeVlieg and Hornocker - both still running. Did the usual chores... heard wolf howl - faint upstream, while evening stock feeding.

Tuesday, Nov. 24

Vacuumed the floors and did the morning chores. Started a list of winter chores for Ellen & Isaac and Bjornen. Checked plumbing in DeVlieg C. and Hornocker C. Skype visited w/ Holly on things to shop for, etc. Also, this morning I saw 2 sets of wolf tracks just out of the orchard, around the compost pit. Emailed/Skyped on the sheep count logistics... people per flight etc.

Wednesday, Nov. 25

Got some mail Ready to go out, after morning chores. Burned the weed pile and nobly grain down by the corral... stinky! Ray flew Holly in around noon. Put her stuff and supplies away - new salt block for the corral. Ken very happy to have Holly home... poor dog doesn't know what the next winter will bring, at least she'll get a lot of attention!

Thursday, Nov. 26 Thanksgiving

Abside from the chores, we took the day off, hiked up to Ram Canyon and started packing for the N2 trip. Think we'll need to replace the hydro. brushes before next week... have an irregular harmonic noise - can't tune it out.

Friday, Nov. 27

The plane cancelled this morning, scheduled to bring in the rest of the highhorn survey crew... Pete, John, Angela, Holly surveyed downstream to Dancer Cr. I did tasks around here getting ready to be gone for 5 weeks... changed Taylor water filter, started up the snowblower, put things away for the winter.

Sat. Nov. 28

Nice day! Ray flew in twice, first w/ the Sheep Foundation crew - Pete, John, Angela. Then on a second flight he brought in Ellen, for a couple weeks of Ranch sitting. Ellen helped me get some chores done and we went over the daily routine here. Holly took Pete, John, Angela onto the benches and they sam/comped 63 bighorns... and watched a lot of Ram rutting behavior. Everyone here participated in dinner @ the DeVlieg ~ lasagna. Also, the big elk herd (30 ish) went up to the top from the third bench.

Sunday Nov. 29

The crew finished up the bighorn survey, Holly and Angela went up to Cabin Cr. ~ only saw one ram, while Pete and John surveyed to Rush Pt., picking up 15 more. The final count was 94 sheep, very similar to last year but better lamb #'s this year 22 lambs, 45 ewes. I showed Ellen more operational things around Taylor. We all had dinner at the DeVlieg Cabin.

Monday, Nov. 30

Pete helped Holly rebuild the hydro alternator: New brushes and new cap bearing. Ellen worked with me laying out the winter waterline, and connecting ends. We also drained/winterized the DeVlieg water line and its building plumbing. Ray flew in around noon and took out the Idaho Sheep Foundation crew: Pete Stewart, John Caywood, Angela Rossman.

Tues. December 1

Spent most of the day finishing prep. for being gone 5 weeks. Holly worked on the data mgmt. plan for the Dec. Party in Moscow, and Ellen & I went over operations of TR... and how to troubleshoot various problems. A sunny day later on. Figured that the internet issues were at the Relay boxes... H. cleaned them w/ canned air and we had to plug-unplug the 2 blk. wires multiple times to Reset.

Weds. Dec. 2

Awoke to no running water @ the Taylor cabin. Showed Ellen the procedure for slush clearing and air purging (using main valve). Drained and winterized the Hornocker Cabin. Did house cleaning and more prep. to go.

Jim + Holly left on the mail plane, & for the next week it's just me (Ellen) + Kes + the mules + horses! Slush is being a big problem up at the water box, & I was up there 5 times today clearing it off. Kes is sad, but I'm trying to keep her occupied 😊

Thursday Dec 3

Not much to report. I did have running water this morning, & a layer of ice is forming on the top. I only had to check it twice all day, & it's looking good... Still cold.

Friday Dec 4

We had running water again! The intake is almost completely frozen over, so we might be in the clear for a bit. It warmed up slightly today, but it's still cold. Tonight Kes & I put up lots of Christmas decorations, so we're definitely in the Christmas spirit 😊

I connected the ethernet cable directly to my laptop & had great internet all day. Might want to consider replacing the modem...

I made some good progress on my thesis today & compiled all the data for Chapter 2. I still made time for a little bow-shooting & chuck-it w/ Kes. We are getting along well 😊.

Saturday Dec 5

And the water is out! I was up to the water box many times, thinking there was something I was missing. But Jim confirmed over Skype what I suspected, & tomorrow (if it's warm enough) I'll try to start the winter line. In the meantime, we're hauling water just like in Africa!... only much colder.

The tool for opening the valves broke tonight too, so I need to fix it.

better tomorrow (it's "temporarily" fixed for the moment).

Meanwhile I made some good progress on the ChZ data today. I saved a mouse that got only his leg caught in the feed shed trap. And I saw either a coyote or wolf on the airstrip while throwing balls for Kex. It was too far away to tell for sure.

Sunday Dec 6

Chilly today! I fixed the valve-opener fool, & while I was over by the shop, Bird broke one of the fence rails by the Horvacker cabin.

They also keep pushing down the electric fence by the shop, so I tightened it up again & am hoping for the best. I'm still hauling water, & after skyping w/ Jim tonight, we're going to get it going on Tuesday. The water box was actually overflowing tonight, so I'm not sure what that means.

But the hydro is doing great, so I guess all is well.

~20 pichans on the benches tonight. I made more progress on my data for ChZ & watched the Vikings get mauled by the Cardinals. Maybe I jinxed them.

Monday Dec 7

I officially hate the hydro. I went to throw balls for Kex at noon & discovered it was off. The generator was flooded, but I eventually got it going. J+H were enroute to PDX, so I didn't get a hold of them until ~9:00 tonight. Jim has been trying to walk me through it all, but no luck so far.

Kex is not impressed!

Lots of wolves howling outside tonight. I sang extra loud on my way to the water box, just in case (C) BITTERLY COLD! I even started the codc store today.



Tuesday Dec 8

I spent the morning working on the hydro + trying to get the generator started. Last night Jim + I skyped + tried to troubleshoot things until ~12:30 AM w/ no luck. But this morning it was bitterly cold again, + it took warm water bags to start the generator. I finally got it going, + the hydro is kind of (barely) operational. Hopefully it makes it through the night.

The mules decided to get into the Hornocker (and somehow), but luckily nothing else is broken.

Wed Dec 9

Another frustrating day w/ the hydro. It was off again this morning, so I drained the line + gave up. I am now an expert in heating water bags for frozen valves. Also problems w/ the generator, but adding some oil did help tonight. So cold.

Byron came in today w/ the mail plane + is all set up for the week in the Hornocker cabin.

Thurs Dec 10

Lots of problems w/ the generator. Kels + I hiked down to Goat Creek for a change of scenery. We wanted to go down to the gorge, but we ran out of daylight. The stock busted the fence on the east end of the hay shed.

Fri Dec 11

Generator is officially screwed. Byron + I tried everything possible w/ no success. With our remaining power, I was asking everyone I could think of how to salvage the generator + get it running. But no luck. Byron cooked us dinner up at Jim + Hollys, + we used the purple lights to save our little remaining power.

Sat Dec 12

Quite a bit warmer this morning, + by some miracle the generator started. But it's not producing enough power, so we (amazingly) got the backup blue one going. It ran most of the afternoon + never switched off.

back, so I'm not sure what's up. I finally got time to work on my Thesis. Kea & I went for a hike down the airstrip & up Sagebrush Flats. Nice & warm (21). This afternoon. There was a blizzard in Cascade, so were hoping it doesn't hit here! Bjornen fixed the fence the stock broke.

Sun Dec 13

It was a great day for Kea. It finally warmed up, so Kea & I took a hike up the benches for the fun of it. We saw a few sheep & heard some that we couldn't see. I also heard wolves & elk I think. It was snowing at the top & a little chilly, but it was a beautiful day. Later on, Bjornen took Kea up to Low Bar for her second walk of the day. Ole blue generator seems to be working OK.

Mon Dec 14

I guess there was a blizzard in Cascade, so Ray hasn't been able to fly in w/ fuel. Still no snow here though (knocking on wood...). Warm again, & much appreciated. Bjornen & I tried to work on the generator again & managed to get the fuel out & drain the carburetor. It still doesn't sound right though, & it doesn't have enoughumph.

Tue Dec 15

Still dry here, but Cascade has a lot of snow! Were both still crossing our fingers that it stays away from here! Not much to report today. I worked on my Thesis & Bjornen diligently trouble-shot the generator. I think we've decided it's officially beyond our ability to fix! They (She & Kea) took a hike down to the Grage, & I tried to find some ice-free water to try my new fly rod (no dice...). Flights looking unlikely for tomorrow.

Wed Dec 16

Still dry here, but Cascade got hit again... so no mail plane!  
Byron + I butchered the back half of the deer, + I think we did a fantastic job! She made some fantastic venison stew for dinner, which was AWESOME! I'm 89% done w/ Chl, which feels good. Kea + I went on a hike up to Sagebrush Flats tonight + did a little skating on Rush Creek.

Thurs., Dec. 17

Woke to another grey day, more soaked in than the last few days, and apparently Cascade was clearer than it has been, so tables have turned. Now we're waiting for things to clear here so they can fly in. Much warmer though, so we're happy. Made banana bread with old bananas so we'd have something to feed Ray if he ever made it in.

About 2:00 Carol called from Cascade to say they had left for the Big Creek stop and that Isaac was on the plane. We loaded Ellen's stuff down to the runway, and noticed that the stock (mainly Cat and Star, somewhat surprisingly) we're on the wrong side of the fence near the DeVleij Cabin, so while we waited for the plane, we fixed that fence. Then Ray and Isaac showed up, and the Coyote's started yipping over just across Big Creek near the bridge.

We made the switch, Ellen on the plane, Isaac off, and Ray got his banana bread, and they were gone. Isaac and I spent the rest of the evening sorting out stuff, moving into the main cabin where we'll stay until Jim + Holly return.  
Beautiful, starry evening.

Fri., Dec. 18

Woke to light but constant snow. The day was spent mostly organizing and moving into the main cabin for our stay of nearly a month before Jim + Holly return. Noticed that taking off the propane and all the valves to store in Dave Lewis Cabin has significantly cut down on the smell in that cabin. Small victories feel good!

Yamaha generator still running badly, and the Honda we have determined is beyond our minimal expertise.

Isaac and Kea walked the sagebrush flats loop, and played in frozen Rush Creek.

While I organized foodstuff in the cabin and fed the stock. Weather has stayed warmer, and we are beginning to wonder if we could re-start the pelton wheel sometime soon. Hmmm... one project at a time! Things are good, we are having fun.

Sat. Dec 19<sup>th</sup>

Fuzzed around w/ the generators, replaced spark plugs, cleaned carbs, etc. Found that the econo switch had accidentally got switched on the Honda - changed out it now works great. Now using Yamaha as back up. Bjornen hiked up benches, Isaac broke up the ice around the H<sub>2</sub>O intake, and chained the grate to get the H<sub>2</sub>O box back up to full - but I'm not going to change any valves/settings til I hear from Jim + Holly. Intake is running good - but I fear there is already water frozen in the mainline, because valve not off in box, and vent shows same level ~~of~~ of water inline as H<sub>2</sub>O box. Haven't seen much wildlife - hear coyotes regular around 1<sup>st</sup>/2<sup>nd</sup> bench.

Sun Dec 20

Coffee morning - work on camera, send emails, warmer + cloudy. Need to start filming stuff, trying to get the camera + all gear re-organized + consolidated. B + I + Ken set a remote trigger camera set up on the trail to Sagebrush Flat - good set, we're hopeful! Walked down the ice on <sup>at the mainline valves</sup> Rush Creek, starting to break up some. Pulled the insulation plugs <sup>in</sup> a futile effort to assist the pipe thawing - it is above freezing - pulled all afternoon - then reset at night. Still quite frosty in the bottom of the holes. Made a big Venison shepard's pie for dinner. Getting in the swing of life here + loving it.

Mon. Dec. 21

HAPPY SOLSTICE!

Isaac went to check on remote camera @ Sagebrush flats (too soon for much activity, but needed the camera to dub a tape of footage) and I spent most of day making "critters" (Christmas decorations out of natural "stuff"). Played ball with Ken and walked around trying to locate the coyotes so I'd know where to be able to sneak closer to get some audio - no luck. They have been remaining elusive these last couple days. Made a small cooking fire tonight and roasted a venison



steak over it while enjoying the nearly balmy evening ~ many stars, but a dark cloud mass was seen heading our way at last light.

Tues. Dec. 22

Woke to snow this morning. Not much on the ground (maybe an inch) but coming down pretty hard. Snowed all morning. Had interesting experience when feeding the stock this morning. From the house, saw them eating at piles of what looked like hay on the ground, in the normal spot by the hay barn. When I got down there I found it was hay, two normal sized piles ~ nothing out of the ordinary except for the fact that they were there in the first place. I had fed them last night around 5:00 as normal, they had eaten, and that was it. No one had been down there yet this morning. The other odd thing was that the piles had no snow on them. Everything else had a thin coating of snow except the two hay piles. Ghost of Dave Lewis helping out with the stock? :'  
Didn't wander far from Taylor today. Mostly worked on inside projects with a few forays out to play with Kea.

Wed. Dec. 23

Basically, today was spent waiting for the mail plane that never came... The weather was fine, drifting puffy clouds and sun, but Ray was overbooked with Christmas sustaining, and they just ran out of daylight. That's O.K., it was a fun day, the morning spent finishing the last of our Christmas - turned - New Year's cards to go out. Then, since Ray still hadn't shown up we bailed earlier, in case he did. We spent the last 45 minutes of daylight on the airstrip, playing with Kea and expecting a plane to come roaring around the bend at any moment. But when it didn't it was back to the cabin to make some luminaries (ice candles), and eat dinner.

Thurs. Dec. 24

Ray arrived around 9:30 in the morning, dropping off a welcome sack of mail. He was in a hurry to get to Chalis to help with the accident at the Diamond D, so we didn't get to do the scenic flight w/ camera that Isaac had hoped to do, but we were sorry to hear about the accident...  
In the afternoon we began to walk up the beaches, and then got telemetry signals for the wolves (we had seen tracks on the trail just across the bridge), so we

decided to walk downstream instead to keep out of their way (we had Kea). We saw one wolf on the horizon-line above the benches.

Coyote tracks and that's it. Retired to the cabin for a Christmas Eve dinner of venison stew - yummi.

Put up a small Christmas tree and had fun with decorations. Skipped Isaac's family and "sat in" on their Christmas Eve festivities... lots of entertainment and fun.

Fri. Dec. 25

'MERRY CHRISTMAS!'

→ after chores!

Nice cozy morning, breakfast of scrambled eggs w/ cheese and ham, and sautéed chard, then opened stockings and presents. Went for an afternoon walk upstream a ways. Took Kea and followed wolf tracks the whole way. stock had seemed nervous (and Kea too) this morning, and we were wondering why. Found cat tracks at the Rush Creek confluence, and then again near the tack shed later. When we returned from walking, we found Bat laying down in the pasture. Seemed odd at that time of day (late afternoon, shading) and she seemed pretty unhappy and wouldn't eat when we fed. Took her temp and it was within normal range, though slightly high-normal (101). Walked her for 20 minutes, thinking she was colicky, called Jim/Holly, and ended up giving her a couple grams of butte paste. Still waiting to see how she's doing. She's laying down but quiet. Hope she feels better soon...

later: she drank  $\frac{3}{4}$  bucket of warm water @ 10:00 pm - yippee!

Sat. Dec 26

Best feeling better. Getting colder, creek building up ice. Wolf hunting closer last night - no wolf signals. Bjornen went up benches this afternoon. Isaac went to Cougar passage/gate. Cougar came from gorge up to lower TR gate last night. Saw some bighorn sheep around Indian face, but not seeing too much wildlife. Did lots of reading today (B+I). Not much else to say...

Sun, Dec. 27

a.m. Isaac films otters and eagles down near fish trap.

Another pretty (but cold) sunny day. Pioneer creek & Big Creek are beginning to rise + freeze again, after almost totally thawing out since the last cold snap. It's Sunday so it was a coffee and writing morning, followed by some house-building dreaming (reading some books from Jim + Holly's shelves here...). Then it was out the door for some fresh air. Isaac went upstream w/ the camera to film some dippers and blue ice around Rush confluence. Bond + Kea walk downstream w/ audio (lost cause w/ Kea :). Saw 2 otters (same as this morning?) near cougar creek, and bald eagle nearby. Beautiful, but cold!

Mon, Dec. 28

Overcast day, took a stroll w/ camera, didn't see much. pretty flat light. Dinked around w/ chores - empty fuel cans to barrel for mail flight etc. Did a bit of reading, kindling making - putz around catch up. logging footage.

Tues Dec 29

Good light today - dippers in the sun. An otter in Big Ck along the airstrip stretch. We recoded some, rolled some shots. Took Kea on a bunt up the hill at the end of the strip - down sagebrush flats to Rush Creek and back around. Isaac stood on the rock point at the Rush/Big Ck confluence all evening trying to get an eagle flying up/down canyon. Did timelapse of moon (almost full) coming up behind Indian Face. Bond and Kea walked downstream.

Wed.

~~Friday~~ December 30

Woke to some light snow falling. Cascade was fogged in and snowing also, so no mail (don't think any routes got done today). But we didn't know that until much later, so day mostly spent hanging around near the cabin and radio. Some short walks with Kea were the extent of our excursions for the day.

Thurs., Dec. 31

Another overcast day. Spoke with Arnold's this morning and they said they would try to get mail in, but they were a little worried about the storm coming in. We said not to worry and they could just bring our mail on Saturday when Gretchen flew in. Snow began around mid-afternoon, not hard, but steady. Isaac filmed Dippers by Taylor bridge and Ken and Bjorn walked downstream. Saw two bald eagles down on river near Cougar Creek, no other wildlife. But Ken and I had a fun run/walk, scampering all over, playing tag, and in general burning off some pent up energy. Had planned to have a New Years Eve cookout, but because of heavy snow decided to wait until family arrived and do it then. Peaceful night, cooked dinner and barely saw 2010 before heading for bed.

oops!  
Fri., Dec. Jan. 1

HAPPY NEW YEAR! Woke to a few inches of new snow on the ground. Talked to Gretchen (Isaac's mom) on Skype and she decided to push her arrival back a day due to bad driving weather (from Oregon). Walked sagebrush flats loop - saw no new tracks except one set elk ~ but didn't walk by camera. Decided we'd move remote camera somewhere else for a while, until we see more sign up there. Set it up along Big Creek where Isaac had seen Otter sign a few times - just a quick set-up, we'll see.

Saturday, Jan. 2

Overcast and low clouds so not sure Gretchen would have been able to fly in anyhow. Took Ken walking in morning (upstream, to Lubauer Basin-p?) and spent afternoon clearing Hornocker Cabin and getting ready for Gretchen's visit. Isaac walked up Big Crk on S-Side on ice looking for otters to film. He broke through Rush Creek ice on the way back - pretty good fall with camera! Rulled the airstrip w/ backhoe & put out pine boughs.

Sunday, Jan 3

We've been checking on the NOAA Fisheries ponds which haven't been running very well due to lack of sunshine. Waited around for the plane coming in with Gretchen - apparently Ray took a nap + fell asleep and forgot he had a flight. He came in around 3:00 w/ Gretchen - spent the evening visiting and moving in.



Monday, Jan. 4

Gretchen explored around the place this morning and made friends with Kea, while Isaac and I tried to catch up on some logging that we are way behind on. After lunch, Kea and I (Bjorn) decided to hike up the beridies, and had our sights set on making the ridge. But just around the corner above the first bench we saw movement, and were distracted by a bald eagle swooping out of the gulley up to the second bench. A few seconds later we saw more movement and saw a mountain lion just as it leapt of a kill and bounded into the rock scree! We both sat and watched as it calmly (and very cat-like) walked up the scree and out of sight — that was my first mountain lion! (Came back down as quick as we could and got Isaac and the camera (and blind) and hurried back up (w/out Kea) to find a set up where we could watch. We held our post in the blind all afternoon/evening and then again before light the next morning. It was a bighorn ewe carcass and there was a lot left. Big cat scrape marks where it had covered the kill. A few eagles and 2 coyotes were all we saw on it that evening. Home after dark, fed animals and fixed dinner. Heard single wolf howl - p.m.

Tues., Jan. 5 (couple new inches of snow)

Up before dawn to get back in the blind in hopes some more eagles would come back. Not much left of carcass after the night. 1 coyote came back just after sun-up. Ravens, no eagles, no cat. Snowing lightly all day. Broke open a bigger drinking hole for stock this afternoon, as ice (still a foot thick) was beginning to weaken (it's been warmish). Gretchen took Kea out a couple times, and Isaac walked to sagebrush flats. It's now 10:00 pm, 33° out and raining. Turning very slushy and icy outside.

Wed., Jan. 6

The rain last night made the snow crusty and icy, but the sky began to clear early. Tried to start the generator and pulled the pull-start cord right off! Arg... Isaac took off the cover and managed to re-tie the cord back on. So it works but now it's a very short pull. Ray flew in with mail and family (Bjorn's mom and sister: Eugenie and Trilby), so most of day was spent moving people in to Hornoller Cabin and touring the place. In afternoon took a jaunt down river (Bjorn, Trilby, Eugenie, Gretchen) and Isaac re-set up the remote camera along main trail before bend in river just downstream.

Thurs., Jan. 7

The morning was a surprise overcast, with light snow flurries (we were expecting clear). The fog and snow lasted until 11:00 or so. Saw one elk and a herd (10) bighorns on the third bench, as we had a long slow morning around the woodstove, fixing a big breakfast, knitting, visiting. Generator working OK with new (Knotted) pull start string. Around noon, Isaac and Gretchen headed for Sagebrush Flats to do some filming, and Eugenie, Trilby and Bjørner took a hike up towards Rush Point. We only made it just a little ways beyond the switchbacks but had a lovely and fun time - lots of pictures taken, one elk seen. Blue sky prevailed as the day turned beautiful. Returned to cabin by late afternoon to roast a chicken and warm by the fire. Nice day. Temperature dropped a bit today - in the twenties.

Fri. Jan 8

Bjørner, Eugenie + Trilby headed up the benches this morning for the top of the ridge. They saw 2 large groups of sheep (15-20) ea, 1 on 2-3 bench area and 1 up higher toward ridge. Both groups had at least 1 big ram and many lambs + ewes. At the top of the ridge they saw Mike Dorris and Jim Holyan (NPT Wolf Project) doing a monitor flight - they came from upper Cougar area and went to TK and circled a few times before flying away. (Turns out they were thinking of visiting - but saw no chimney smoke or Air-grid radio reply - they were right...) (J. Holyan emailed this evening and Golden Park was at the head of Golden creek - 8 grays in chest + deep snow - heading "this" way ---) Gretchen + Isaac rode Penny + Star down to the last camp before the gorge - then walked down to look at the gorge + petrophysics. We were very cold riding (about 18° or so) through the "Big Creek Ice Box" but it was beautiful. While finishing dinner tonight we heard wolves just across the river! Didn't get signals but suspect part of Golden Park has made their way here???. We all went out on the porch and listened. We hope they stay around.

Sat, Jan. 9

Morning chores and breakfast and a cozy morning around the fire knitting, baking bread, visiting. ~~After~~ Isaac walked across the creek first thing to check on the wolf sign. Saw tracks of 2-3 animals both directions on trail, but not

for either way. No signals. Saw small bunch of sheep on scree above 2nd bench. After lunch Trilby, Bjorn, Eugenie walked to gorge and back. Found trail littered with wolf tracks beginning about a 1/4 mile from river bend just below lower pasture. Found wolf killed mule deer between Cougar and Goat Creek. Cleaned up well. Cleaned pelt on trail, remains of kill on river bank (but no bones other than lower jaw). Gorge beautiful but cold! Gretchen walked airstrip, and Isaac walked up to the ridge and found jaw of the cat-killed sheep from the other day. Fun day had by all, dinner and a rousing discussion about wilderness.

Sun. Jan 10

After chores and breakfast Trilby, Bjorn, and Eugenie went to Cabin Creek (w/ Penny and Star, Eugenie wanted to walk). Saw wolf tracks (2 animals) headed downstream, a bighorn ram just beyond Cougar Basin, and bobcat tracks. Day turned brilliant sunny right as we made it to Cabin Creek. Really beautiful. After lunch in the sun by F.S. cabin and headed home. Isaac and Gretchen baked DELICIOUS apple pies in a.m., which we enjoyed that night for dinner. Then they walked to Rush Creek confluence to figure out camera exposure for a potential time-lapse sometime in next couple days. Everyone returned to Taylor at about the same time, and we found Kat trying to collar. She was laying down, getting up and generally looking uncomfortable, and was slightly drowsy with sweat.

Untacked Penny and Star, fed all, and began walking Kat. She seemed very uncomfortable so we gave her 2 grams bote paste and continued walking. Offered her some slightly warm water - wouldn't drink. After 1/2 hour, let her go and she seemed a bit better. Pooped and showed some interest in food, but still layed down, stood up, and looked uncomfortable. Kept a close eye on her all evening, and by 10:00 she seemed all better. Took down another bucket of warm water and she drank 1/2 of it (Cricket downed the rest, as always). Now the mams are finishing dishes, cabins are warming up, and the evening is winding down.

Mon. Jan 11

Everyone up and packing and preparing to fly out today - weren't sure what time Arnolds (Ray) would fly in, so everyone prepared. Yummy breakfast of eggs and chard and leftover apple pie. Called Cascade in radio at 9:00 and they were preparing to fly in. Cloudcover was moderate, hazy, but by 9:45 Ray was buzzing over. Everyone packed into plane and safely to Cascade/Boise. Isaac and I spent rest of day re-organizing (mostly computer stuff -

- much work spent updating out-dated blog, and other things we've been neglecting while company was here). Took an energetic hike to Sagebrush Flats w/ Kean, playing "ultimate wilderness fetch" and back again. Then some outside chores, re-supplying main cabin kitchen stove woodpile, filling water, cleaning, then feeding Stuck ~ and while there heard young otter screaming near Taylor bridge. Went to investigate, saw otter moving up river, and went to find Isaac, camera, and several gear. Spent an hour or so along river getting several images. Two young otters, swimming and playing. Back to the cabin for dinner, and finish work on blog.

Tues, Jan 12

Saw two otters still playing in Big Creek near airstrip when taking Kean for morning walk. Spent a.m. catching up ~~on~~ on computer stuff, and cleaning out Hornet Cabin. In afternoon walked downriver (Chad gotter wolf signals at lunch time, not sure from where), and found fresh kill at bend in river. Isaac thought it was probably a ~~doe~~ farm mule deer - but no bones left at all. Just hair and large blood stain on river ice. Bjornen got some good audio of ice creaking and groaning. Very warm today - ice melting fast. Took Kean for a pm walk, then Skype call w/ John - for Isaac, dinner, and bed.

Wed, Jan 13

No mail today to anyone. Apparently Cascade was raining/snowing all day. Wolf signals up the benches (? Maybe) this morning, but heavy fog and bouncing signals made them difficult to pin down. A somewhat frustrating morning spent unable to decide where to go with the camera, so ended up inside playing catch up with computer work. In afternoon Bjornen + Kean hiked to Sagebrush and saw a suspicious amount of birds (Magpies/ravens) down on Rush creek, so headed back and brought Isaac, camera, telemetry and binoculars (and no Kean) and spent rest of afternoon watching for wolves. Telemetry suggested that wolves were just around corner out of view in Rush drainage. Isaac howled and got entire pack response, just around corner. By 4:30 Bjornen headed home to feed Stuck and warm up. Isaac stayed on to try to better locate/film wolves, returned by 6:00 ~ hadn't seen anything. Broccoli soup for dinner, and hut cabin is making us sleepy, so to bed early.



Thurs, Jan 14

Another warm day (41°!) - lots of melting... snow almost totally gone from benches. Morning spent organizing and clearing - preparing to move up to the Dave Lewis Cabin for Jim & Holly's return tomorrow. After lunch went for a walk to Sagebrush to see if wolves still around in that area (very weak signal at cabin, like yesterday). Beautiful sunny afternoon. Kea was with us and we all sat and enjoyed warmth on the flat for a while. No signals from over there. After 1/2 hour tried signals again and got weak signals out towards Big Creek. Moved locations to high point above confluence and in doing so bumped a wolf that had been heading down to B.C. from some trail we had been on (!) How did it get there?? Bjornen grabbed an excited Kea, and Isaac grabbed the camera. He moved down to the point to see and Bjornen + Kea waited a while on flat. Eventually Isaac motioned for us to go home if we wanted, which we did (holding Kea's collar) until she broke loose and galloped off barking. She came back in a few minutes and I grabbed her again, and we watched another wolf poke its way up and over the ridge - from above airstrip to Sagebrush flats. Phew! I took Kea home, holding collar the whole way (hadn't brought leash - oops) and came back to find Isaac had filmed wolf kill on B.C. just west of confluence (!!), wow, big film day! Spent rest of evening sneaking around to get a bit closer, then home to do laundry and clean up.

Friday, Jan. 15

We took care of Brice chores - Dr. appt. and shopping, then drove up to Cascade to return to TR, after 5 weeks away, mostly in New Zealand. Ray flew as in after I made several phone calls to try and free-up my +hair-head from its holding - spot @ S.F. NZ Air cargo. It was impounded by US Customs. Back @ TR we began putting things away, going through mail, and eating pizza w/ Isaac and Bjornen.

Jan 16, Sat.

More unpacking. Fence repair from the scales - fake electric not getting much respect. Caught up on mail - what a pile!

Sunday, Jan. 17

After morning chores we hiked around lower Rust CR. and up the Big CR. trail... looking at tracks and getting familiar with current wolf activity.

Monday, Jan 18 MLK. Day... Took the day off, getting settled back in and Holly cooked a turkey dinner, had Isaac & Bjornen over for that

Tuesday, Jan 19

Had a skype visit with J. Boss. Went over our plans / schedule for departure and upcoming (building) projects. Prepared out-going mail for tomorrow. Looked over Honda generator - it was more oil than it should. Continued the efforts to get my take head & bag out of NZ air cargo custody... now have a broker near S.F. tried to help. <sup>Holly added several</sup> <sup>research pubs to the</sup> Taylor Biblio-list.

Weds., Jan. 20

Mail day prep. Rod N. flew in from McCall w/ Nate & Lewis to do battery swaps at both NOAA sites. Visited w/ Rod and fed him Turkey soup. Caught up on TR emails. Ray flew in with Thom More, his camera gear, the mail-supplies, and we repaired Yamaha generator. Put the generator to use - running well to power the system. Both H. and I listing things to do before moving out - or invoking the name - mind boggling! Did send 5 or 6 boxes out w/ Ray today. Bjornen made a deer stew, bread, etc. and had us over for dinner.

Thurs Jan 21

Mules escaped. Fixed fences behind them, Emailed spring schedule to K. and A. Had a skype visit w/ Col Sen B on changes here w/ us.

Friday, Jan 22 (+ he reported very sick Ram N. of main bridge)  
Visited Isaac on filming plan, contacted Maurice H. to see if he'd provide a filmed interview for their feature. I repaired Gordon's gate - now rail where the males broke it. Holly continued email catch-up from the last month. Shared great (attempted to type connect to within Boise w/agate research group - Baxter et al. made by Bjornsen.  
- NO luck

Saturday, Jan 23 (killed by 2 coyotes this am)  
Today's main event was necropsying the highhorn Ram that died on the steep slope east of the Cliff cr. mouth. The Ram had very unusual - long horns and a front leg-puncture wound. Very emaciated. Holly took lung samples/nasal and throat swabs. Lungs looked terrible. Determined that Popes have very long - lost prescription glasses! The film crew have a good setup on the shore ice to hopefully film critters scavenging the sheep carcass.

Sunday, Jan 24  
Hiked up Rush Rdg. to the rock wall (H.K. me), flushed and shot at a few chukar (flocks) but no birds for Rea to retrieve. Re-calibrated the inverter to run off the Honda generator - again; it is way more efficient, although it does use oil... has to be added every other use now. B & I spent the day in the blind. Sheng out and hauled in 12 fence rails (work for today). B, I, & S. brought over dinner & chicken and side dishes, Holly baked an apple pie. Watched the NFL championship game - New Orleans vs Minnesota, very close - good game... NO. won. Sheng also retrieved the escaped stock from dead stream & east of east knob. Put them back into the feeding routine.

Monday, Jan 25  
Got caught up and clarified on weather records. Holly communicated w/ post researcher on SUP. info. for 2010 permit for Taylor R. I wrote up the weeks to do lists. Worked on waterline assessment - all blueants very frozen at this time. Moved 2 bags of feed, Isaac helped me move 2 propane's to T cabin. A large coyote is hitting the sheep carcass by the bridge.

Tues. Jan 26

Holly put together a pile of things to go out & really starting the move out. We put together daily schedule for the next month... when we'll be where, emailed to Gatz and others. Communicated more w/ F&G and Pete Stewart on sheep necropsy observations. Did daily chores. Had Isaac, Bjorn and Shane over for salmon dinner. Snowing at bed time

Weds. Jan 27

Got an early start on snowblowing the airstrip, kind of tough going the first time this year... about 5" of snow including original pack job. Holly continued organizing and boxing-up things to go out. Ray came in late afternoon, picking up Holly, Shane, and a full load of stuff in the 185. Ray got a bit off the snow-blown swath on take off, a bit scary for a few moments, but pulled-up ok. 2 bags of fuel came in w/ Ray. Put away stuff, went through mail.

Thurs. Jan 28

Isaac still trying to photograph the cougar on the Bear carcass w/out luck. The cat was there before daybreak. Emailed ISU folks on maps for K. Viceling project. Also, emails back and forth with Bill W. on the NOAA site-power issues. With Bill's suggestion, may have solved the no-power situation with a switch that flipped off. Emailed John B. on bldg. project here & timing mostly.

Friday Jan 29

Did chores, some TR emails, then took Kea on a chuckar hunt downstream. No birds were shot but we did encounter 53 bighorns 41 - the 13<sup>th</sup> bunch and 12 east of the Face Rock. Listened for coughing; nothing significant. In return got good comp. on the group of 41 which had 8 rams, 7 lambs. Saw a super cub w/ skis (blue/gold) <sup>with side strips</sup> going up canyon - low, to Cabin CR.??

Isaac could see the pilots face - that low.



Sat. Jan 30

Did usual chores. Kea and I hiked to 3<sup>rd</sup> bench. Watched 6 runs east of the 2<sup>nd</sup> bench. Added more oil to the generator... <sup>Hardly</sup> runs good, but sure uses oil. Visit w/ Holly, things going well in Oregon, and got the water running to our little cabin... better than <sup>here</sup>!! Repaired solar shower tank, hauled water -- twisted my back.

Sunday Jan. 31

Kea and I did the chores then hiked upstream looking for a chuckar, I'm sore in the back so stayed on the flat... not much going on upstream. Did many emails. I & B brought over some buck stew & bread - very good. Could still cross on big ice above the big <sup>rocks</sup>.

Monday, Feb. 1

Kea "fuzzed up" a bit w/ scent behind cabin) Wolves howled nearby in the night. Bjornen & Isaac reported that they came up the strip, along the sage-flat trail and just behind the cabins - 3 to 4 of them. Emailed back and forth w/ Kim Apperson on the F&G MOU and upcoming meeting. Wrote up the monthly weather record. Communicated w/ Jon Hunter on my CAP reward for the bighorn case. Emailed w/ Pete Stewart on our presentation at the upcoming Sheep Summit. Also, spent a couple hours trouble-shooting the wireless printer this am... finally got it to work - turned everything on/off, replaced 2 cartridges, unjammed paper, turned the all power off... then restarted and it worked! Holly gushes enthused about her new job and living prospects in Enterprise. Oh ya, more corresp. checking on NOAA site... Billy gave details for shutting it down - will do tomorrow.

Tuesday, Feb. Ground Hogs Day... minimal shadow

I spent almost all day preparing to be out for a few days... paperwork for the IDF&G meeting, data gathering for the bighorn summit, and putting together a big pile of belongings from the storage shed to fly out. Isaac found a dead deer by the Oosoneck... will set up on tomorrow. He also found where wolves, or coyotes, made another kill - close to Cabin. Had Isaac and Bjornen over for "stoup".

Wed., Feb. 3

Isaac out before daybreak to go sit in blind on deer carcass in river near Lobarr (sp?) Basin. Day spent preparing for mail plane and Jim's departure w/ a full load of stuff to move out. It was like Christmas when mail plane finally arrived around 3:00, as Isaac & my (Bjorn's) mail is finally coming through after unknown hold-up in Cascade. Once plane had come and gone, Kea and I hiked a vigorous Sage Brush Flats loop with much fetching and playing. No new tracks. Isaac returned just after dark and we ate dinner and opened packages.

Thurs. Feb 4

Morning spent logging and e-mails, then Isaac returned to blind upriver, and Bjorn/Kea hiked up to third bench to kick around in the sun and see what there was to see. Like a spring day, warm sun, muddy trail! Then back to cabin to do a load of laundry (hauling water) and make soup for dinner. Mules attempted to escape near Deuleig, but attempt thwarted. They snapped the electric tape - will work on reticulating tomorrow. Isaac back after dark again - no action on the kill again. Jim and Holly due back tomorrow mid-morning, weather permitting of course. <sup>Jim met w/ IDREG about Moll and tailgating costs. Jimcore and Brian K. down from UI.</sup>

Friday, Feb. 5

Fog/snow/weather in Cascade never broke so Jim/Holly remained out. Spent all morning doing chores, in afternoon took walk to Sagebrush w/ Kea. Isaac later went up benches, also w/ Kea. No new sign of anything, anywhere. Fixed fence that stuck broke yesterday. PM showers for all. We'll see what tomorrow brings for weather...

Sat. Feb 6

Up early to check on airstrip. Snow had settled to 2 1/2" so no snowblowing necessary. Extremely foggy so not flyable. Snow in Cascade. Waited all morning, logging etc. Walked airstrip w/ Kea a couple times. Sun broke through in afternoon and Arnold's called around 2:30 to say they were packing up to fly in. Possibly time to fly aerobically w/ Ray once they get in?? Ray flew in J&H @ 3:30. I & B. fitted the 185 w/ camera and they flew upstream and to east... w/ 5 top to fix jiggle issue. We sent out a full load of our stuff to use the backhaul.

Sun. Feb. 7

Caught up on emails - both TR and personal. Had a plane come in - Mike Norris and Jim Holman, doing telemetry for wolves. Bjornen made cookies/coffee so we had a fairly long visit. Watched the Super Bowl game, ate goodies and a "healthy" dinner... minus cake & pie.

Mon. Feb 8

Did the usual morning chores, cold this morning 15°. I worked on putting together the big horn power pt. talk for the upcoming Sheep Summit in Boise - where we are invited speakers. Isaac located 8 or 9 wolves on the trail by Lohar... probably the Monumental pack, judging from their colors... one very lt., one very dark, rest gray. Holly primarily did WMI computer work.

Tues. Feb 9 (Jim's B-day)

Isaac hiked back to Lohar to check on wolf activity and the carcass iced into the river. Saw nothing new. Jim/Kear walked to Sagebrush to do some bow work (? Sorry Jim, don't know correct terminology here :)) and noticed many birds down low on Rush, just before river bends out of sight up canyon. Probable fresh kill by wolves? Cougar? Spent 1/2 the day putting together gear to fly out tomorrow.

Wed. Feb 10

Isaac out early to go check out kill Jim spotted in Rush Creek. Took Karen and horses. Bjornen catching up on logging. Jim/Holly preparing to fly out w/ plane full of moving stuff. Ray flew in around noon, plane loaded to gills, and off to Cascade (Jim, Holly, Kear). B sorted mail and went for walk up benches. Isaac sack after dark, having found Monumental pack ~~at~~ near kill (elk cow) and then following and filming them all the way up Rush Pt. trail (to near Zettles camp). I identified <sup>5-9</sup> two sources for saw (x-out) sharpening in Baker City.

Thurs. Feb 11

Most of day spent around Taylor, catching up on logging and chores. Short walks to film otters (3) in river near airstrip. Stock working on escaping out bottom of pasture towards old cougar pens. Attempt thwarted. JA - talked to John Burkenbine about logistics/timing on the power shed.

Fri, Feb. 12

Otters active again, this time down near Taylor Bridge. Weather fairly warm and balmy for February, wondering if ice will "blow out" soon - although there's really not much ice left at this point. Started fire in main cabin to keep it reasonable temp. in there although it's been so warm, probably not necessary. Wildlife front pretty quiet.

~~Sat~~

Sat., Feb. 13

Pulled remote camera today at Rush Confluence - only 4 hits, 3 nothing and 4th single coyote crossing on ice on Big Creek. Bighorn tracks, but not in front of camera. Enjoyed sun on benches, really, feels like spring! Re-set up remote camera downstream w/ night lights. Many hits, but mostly sun triggered - grrrr. One elk passed heading downstream. Stock well behaved today.

Sun., Feb. 14

HAPPY VALENTINE'S DAY! Isaac headed upstream to retrieve blind material he was using at Kill @ Gouseneck. Barnes headed up benches to seek sun. Later worked on some e-mails to try to figure out injunction stuff for F/G wolf capture ... trying to figure out where to be when to film whatever might happen ... hmmm.

Another beautiful balmy day.

Mon., Feb. 15 Presidents Day - Holiday

Light dusting of very wet snow this morning. Raining lightly in a.m., good for moody landscapes. Airstrip fairly wet, wondering if we should pull out pump to prepare for J/H flying in tomorrow. Fixed fence (again) down low where mules keep escaping. Rest of day spent preparing to fly out on J/H's return flight ~ we're trying to get to Boise on Thurs. to see injunction stuff at court house. Weather looks iffy, so we'll see.

Tues. Feb. 16

Morning dawned blue, but as the day wears on the clouds are beginning to thicken. We tried Cascade in a.m. and didn't get through, so began working on airstrip (frozen puddles). Isaac tried the pump but couldn't get it started, so we just tried to scoop off the ice.



Communicated w/ Arnolds around 11:00 and said they were waiting for J/H to show  
(driving from <sup>Bayer</sup> ~~Mass~~), Drove from Batter C. OR. to Cascade this  
morning, visited Steve Mate on trailer work (I paid 916.00)...  
all part of move to OR. Ray flew us in @ 2 pm, one stop  
at Thomas Creek. Airstrip w/ puddles and soft snow.  
Put things away after the trip... also flew a load of stuff out.

Weds. Feb 17

Did usual chores. Caught up on emails, skype call w/ J. Boss.  
Spent most of the day working on the highvoltage power pt talk.  
Holly also caught up on emails, sent to A-J & Tyler too. Isaac  
went downstream, saw many wolf tracks below the Gorge.

Thurs. Feb. 18

- both of us -

Lots of emails and computer tasks today. Moved feed and  
consolidated gas for the generator... need more soon. Finalized  
the highvoltage p. pt. talk for Sunday. Spent a few hours on my  
cover letter for the Exec. Director job with BHA - Backcountry  
hunters and anglers. Saw both I. & B. briefly, they are working  
on Remote Camera electronics today. Kea Threw a fit this  
evening... think a wolf or? was behind the wood shed. Usual  
chores... cold this evening, oh, also cleaned out the stove pipe  
@ Taylor Cabin.

Friday Feb. 19

After the morning chores we had a skype visit w/ Colleen  
Baxter. We discussed his future research ideas... combining with  
our predation findings and graduate projects... skype talked for  
an hour and a half. Holly worked some on computer files and  
took the afternoon off to work on my BHA application. Isaac &  
Bjornen heard and saw 2 bobcats @ the mouth of Big CR., they  
were yowling... breeding behavior? Up late getting ready to go out  
... me for 10 days - I keep Summit them up to Masses, and Holly  
gone for several weeks w/ her new job.

SAT. FEB 20<sup>TH</sup>

FLEW IN WITH RAY ARNOLD. MID MORNING. HE TOOK ISAAC & BJ... OVER TO THOMAS CREEK, THEN CAME BACK & FLEW JIM & HOLLY OUT TO CASCADE. ATE A LATE LUNCH THEN PISTOL CREEK EDDIE (HEIPER) AND I (SWATH ALVER) HIKE UP THE BENCHES ON EAST SIDE OF CLIFF CREEK... MADE IT UP TO HIGH POINT ON THE RIDGE LINE THEN CAME BACK DOWN RIDGE AND ONT SCREE SLOPES ON COUGAR CR. SIDE. TONS OF SHEEP & DEER AND ONE FAIRLY GOOD HERD OF COWS (20+). KEA WENT WITH US ALSO AND DID AWESOME. NEAR THIRD BENCH THIS CRAZY DEER CAME BOUNDING DOWN STRAIGHT TOWARDS US (WE WERE IN PLAIN SIGHT WITH KEA RUNNING AROUND). THE DEER CAME DOWN TO WITHIN 40 YARDS AND STOPPED TO CHECK US OUT. KEA SAT PATIENTLY WATCHING THE DEER AND DIDN'T MAKE A SOUND. EVENTUALLY THE DEER LOST INTEREST AND BOUNDED AWAY. LATER KEA WAS FOLLOWING ME DOWN SOME STEEP SCREE SLOPES, AND WAS AMAZING ONCE AGAIN. I WOULD GO DOWN 20-30 YARDS (WHOLE SLOPE MOVING UNDERNATH ME) AND KEA WOULD WAIT TILL I STOPPED AND CALLED HER. WATCHING OLYMPICS IN THE EVENING. NICE TO BE BACK RANCH SITTING FOR A FEW DAYS. SWATH ALVER

SUN. FEB 21<sup>ST</sup>

HIKE UP TO RUST CR. POINT LOOK-OUT WITH EDDIE & KEA. BEAUTIFUL, CLEAR, COLD, SUNNY DAY. TRAIL WAS GOOD MOST OF THE WAY, WITH SNOW ONLY ON NORTHERN SLOPES. POSTHOLED LAST MILE OR SO IN 12-18" OF SNOW. SAW APPROX 35 DEER IN 4 DIFFERENT GROUPS, AND ~20 Elk JUST BELOW THE LOOK-OUT. SCOTT

MON FEB 22<sup>ND</sup> - CLEAR & COLD

KEPT AROUND THE RANCH THIS MORNING <sup>HOPING</sup> THAT RAY (HAPPY 73<sup>RD</sup> BIRTHDAY) WOULD BE COMING IN WITH GAS AND WE COULD LOAD HIM UP WITH THE CHAIRS. I ASKED CAROL WHEN I CALLED IN WITH THE WEATHER

BUT SHE DIDN'T KNOW ANYTHING ABOUT IT. I THINK IT'S A COMMON CHARACTERISTIC AMONG GOOD PILOTS - NO COMMUNICATION SKILLS! KEPT BUSY GIVING EDDIE A TOUR OF THE RANCH AND READING STORIES FROM BJORNHANS BLOG (VERY ENTERTAINING). WE GAVE IT TILL 1:00 THEN TOOK OFF DOWN BIG CREEK. SAW A DOZEN SHEEP RIGHT OFF INCLUDING A FAIRLY NICE 3/4+ RAM. FOUND THE PHOTOGRAPHS (PAST THE SALT LICK AND THE TWO LONES ACROSS THE RIVER) BELOW GOAT CR. TURNED AROUND AT DUNCE CR. AND WENT UP GOAT TRAIL ABOUT A 1/2 MILE PAST GOAT BASIN (WHICH IS CURRENTLY EDDIE'S FAVORITE SPOT - HE WANTS TO HOMESTEAD IT?). WANTED TO GO FURTHER BUT IT WAS GETTING LATE (4:30) SO WE STARTED HIKING UP THE RIDGE BETWEEN GOAT & COUGAR. GOT CLIFFED OUT IN ONE SPOT, AND KEA AND I WENT UP A ROCKY GULCH TO THE RIGHT OF EDDIE. KEPT WORKING OUR WAY UP <sup>PAST</sup> A COUPLE DEAD-ENDS BUT FINALLY MADE IT. I GOT TO THE TOP OF THE <sup>KNOB</sup>, SAW EDDIE 50 YARDS AWAY AND LET OUT A SMALL WHOOP. EDDIE IMMEDIATELY PUT A FINGER TO HIS LIPS AND HISSED AT ME TO BE QUIET. I STARTED LOOKING UP THE SLOPE, AND THEN I HEARD IT THE WOLVES WERE HOWLING! I CRAWLED OVER TO EDDIE, AND WE WERE BOTH GLASSING, BUT COULDN'T SEE ANYTHING. AFTER A FEW MINUTES I SPOTTED ONE WALK ONTO THE RIDGELINE BESIDE A TREE DIRECTLY ABOVE US 500 YARDS AWAY. SPENT 5-10 MINUTS LOOKING AT IT LOOKING AT US, AND WATCHED IT BED DOWN. ABOUT THAT TIME RAY CAME FLYING UP BIG CR. A MILE AWAY AND A THOUSAND FEET BELOW US; SO MUCH FOR LOADING UP THE CHAIRS.

DECIDED TO HIGH TAIL IT OUT OF THERE AND CLIMBED UP THE HILL ANOTHER 250 YARDS (WOLF

WAS STILL BEDDED), TILL WE REACHED A GOOD SPOT TO SIDEHILL OVER TO THE RIDGE TOP (BELOW THE WOLF & SOMEWHAT OUT OF SIGHT). AT ONE POINT HE WAS GONE AND ~~WE~~ DIDN'T THINK WE WOULD SEE HIM AGAIN, BUT THEN ALL OF A SODDEN HE POPPED UP OVER THE RIDGE A 100 YARDS ABOVE US. HE WATCHED US A GOOD 15 SECONDS, THEN TURNED AND WALKED AWAY. WE QUICKLY WALKED UP TO THE RIDGE, AND THERE WERE TRACKS EVERYWHERE, AND A REALLY STRONG SMELL (WHICH DIDN'T LINGER VERY LONG). I HAD REA ON A MAKESHIFT ROPE LEASH, AND EDDIE STARTED SIDEHILLING AROUND INTO COUGAR CR. (HOPING TO GET MORE PICTURES) AFTER SPOTTING ONE BELOW US, EDDIE RAN DOWN THE SLOPE, AND SPOTTED FOUR MORE RUNNING ACROSS THE HILLSIDE INTO COUGAR CR, BUT NO MORE PICS. HARD TO SAY HOW MANY WE DIDN'T SEE? DONE WITH THE WOLVES, WE WATCHED A COUPLE LARGE BULL ELK GRAZING IN A SMALL CLEARING A MILE AWAY ACROSS COUGAR CR WITH THE LIGHT FROM THE EVENING SUN REFLECTING OFF THEIR ANTLERS. VERY COOL! GOT BACK ~~TO~~ THE RANCH RIGHT AT DARK WITH THE STOCK & GAS CANS FROM RAY WAITING FOR US.

SCOTT

FEB 23 - TUES - CLEAR & COLD

HIKED UP TO CABIN CR. SPOTTED 7 RAMS WELL UP ON THE HILL SIDE AS WE TURNED THE CORNER INTO CABIN DRAINAGE. HAD LUNCH ON THE GENTLE, GRASSY RIDGE ACROSS THE CREEK FROM THE TP OF THE AIRSTRIP. SPOTTED 5 MORE WOLVES UP HIGH ON THE RIDGE TO THE SOUTH OF SPRING CR. CLIMBED UP THE RIDGE TO THE EAST & SOUTH, SIDEHILLED AROUND & DROPPED DOWN THRU THE MIDDLE OF BROWNS BASIN. VERY TIRED TONIGHT, BUT HEARD THE WOLVES HOWLING BEFORE DROPPING OFF TO SLEEP.



WED FEBRUARY 24 - HIGH OVERCAST

LAST DAY AT THE RANCH - WEATHER PERMITTING? SLEPT IN TILL 8:00 AND GOT UP TO START GENERATOR & FEED STOCK, WELL, THE STOCK WAS GONE, AND SO WAS EDDIE! WASN'T SURE WHAT TO DO SO I DECIDED EDDIE (BRING THE <sup>GOOD</sup> LITTLE HUNTING GUIDE THAT HE IS) HAD IT UNDER CONTROL. TOOK THE WEATHER AND CAME BACK UP TO THE TAYLOR CABIN TO START PACKING & CLEANING. SURE ENOUGH AN HOUR LATER EDDIE WAS BACK WITH THE STOCK. HE SAID HE HAD GOTTEN UP AT 2:30 AND THEY WERE GONE, SO HE TRACKED THEM UP THE RIDGE ON THE EAST SIDE OF PIONEER CR, AND BROUGHT THEM BACK DOWN. NOT SURE WHY THEY DECIDED TO BUST OUT OF THE FENCE, BUT I DOUBT IT HAD ANYTHING TO DO WITH THE WOLVES HOWLING THE NIGHT BEFORE. JUST ORNERY, I GUESS. NO WEATHER PERMIT - NO PLANE. STAYED AROUND THE CABIN MOST OF THE DAY, WAITING, THEN DECIDED IT WASN'T GOING TO HAPPEN AROUND 4:30 & HIKE DOWN RIVER TO MOUTH OF COUGAR CR SAW BUNCH OF DEER, ELK, & SHEEP UP HIGH, BUT NO WOLVES TODAY. QUESADILLAS FOR DINNER & BROUGHT A BOX OF BROWNIE MIX SO DECIDED TO TRY THE OLD MONARCH. NEITHER OF US HAD USED ONE BEFORE, AND WONDERED HOW STEEP THE LEARNING CURVE WAS. NOT SURE IF THAT TEMP GAUGE IS CORRECT, OR MAYBE SOME TIN FOIL IS NEEDED, BUT THE TWO BACHELORS NUKED THE BROWNIES. BETTER LUCK NEXT TIME.

Thurs. Feb 25

Swapped with Scott and Eddie here at Taylor @ around 3:00 pm today (Bjornen). Isaac remained at Thomas Creek to do some more filming, as some wolves were right there and Ray was worried about too much weight for take-off anyway ~ so it wasn't too much of a sacrifice!

Beautiful, balmy, sunny afternoon, really happy to be "home" ☺. Spent

afternoon unpacking and playing with Kea and visiting with the delinquent mules. Found all our fresh veggies frozen in the fridge @ Dave Lewis cabin, but we'll try to thaw them out real slow like Wilbur Wiles taught us to do, and save them. Good to be back, as always.

Fri. Feb. 26

High overcast morning. Up early to begin the monstrous amount of writing I want to do. Stoked fire, did chores, and got to task. Isaac and Ray flew in around noon, and Ray flew out with propane tanks (3), saying he'd be back w/ 206 and full tanks later in afternoon, weather permitting. Isaac works on unpacking, and Kea and I head up the benches for a walk. We find 15 deer on second bench and 45-50 on third, plus a smaller group of bighorns. Nice afternoon sun, but weather coming in. Ray returned with the 206 and five full tanks of propane and 10 gallons of gasoleen. Isaac spent the rest of the afternoon moving all that, then re-setting up the camera to be ready for any wildlife action that may happen.

Difficulties with the over tonight, so we are still awaiting our bulked sweet potatoes (and it's 9:00), ah well! Watching some olympics while waiting, were both happy to be back "home".

Sat., Feb 27

Another overcast day - but warm. Finished unpacking in morning - air dry all sleeping bags / tents / gear. In afternoon, Isaac and Kea hike to Cabin Creek because we had heard plane fly in low towards that area and wanted to see who was there. Five Lion Hunters had flown in from Challis. They chatted, and returned at dark. Saw lots of wolf tracks between Lobar and Cabin, fairly fresh. B spent afternoon logging fastage. Dinner at Skype calls to family.

Sun. Feb. 28

Warm and wet. Some rain overnight - snow/ice is nearly gone. Relaxed morning, then began downloading fastage from Thomas Creek. Decided it was the afternoon to haul other half of deer out of shed and finish butchering. Isaac + Kea made nice work of that. Lots of meat! Perry<sup>and</sup> Bat made an escape attempt + were found across river just downstream of bridge. Brought back for dinner. Jim spent the night w/ Scott Acker. He said he'd be interested in future ranch sitting.

Monday, Mar. 1<sup>st</sup>

Went to the Krassel Rd. and visited w/ Clem and Patrick Brown regarding our departure from TR., also met the new acting Ranger Grant - . Mike Dorris flew myself and Greg Metz back to TR and YPB respectively. I also took Greg to lunch in McCill. Put things away and caught up with Isaac & Bjornen regarding the Thomas CR. trip and time spent with the "Great Old Broads" for wilderness. Had dinner with I. & B., deer stew made by Isaac!

Tuesday, Mar 2.

Visited w/ J Gosz via skype, more on details of the transition to Tyler and A-J, also upcoming trips - Coats, students etc. Packed up books and a couple saddles to move - took '14 bred (mine) off the UT pack saddles - sorted Alie from UT stuff. INEG helicopter flew up the canyon, sounds like they went into wolf-capture mode over Sat Cabin Cr. Did monthly weather Record - for mail.

Weds., Mar 3.

Caught up on mails. Broke ice out at east water box intake... needs a bit more throwing to connect up. Isaac found a sheep - ram in Big Cr. north of the Rush Cr. mouth. He and Bjornen set up for filming... until Mike Dorris came in with the mail... and took Isaac to L. Loon and Bjornen out. The Fib helicopter still active in Big Cr. I said hi to them on the radio. Looked over the woodpecker study plan.

Thurs. Mar 4

- no luck, but close? -

Attempted to start up the storage tank waterline... with heated rocks & hot water bags. Also, broke ice out from the east side stream edge where the water line gets placed. Emailed w/ Mike Koepfen on Vingar Hill logistics... For his army route meta detector survey... he found a ditch over last year. Thought I'd get H<sub>2</sub>O going today but no luck! Looked over historical photos to scans.

Friday, Mar 5

Sent scanned photos to Wayne Minshall - Roosevelt area in 1928. Tried to get our Cannon scanner to scan slides - not much success, have a big pile of slides from the late 80's - into 90's to identify for archives. Repaired the broken dam board on the north side of the hay shed. Penny and Bret escaping daily - jumping fence @ lower NOAA (gate) - site. Also, from yesterday... 3 cougar hunters came down from C.C. to communicate with Middle Fk. Harry (guide), Ted, and Taylor (late teens) - shot a med. sized male cougar... that was with a female - and both had been chased by 4 wolves (H.T. & T. heard & saw). Wolves howled on the benches about midnight.

Sat., Mar 6

I did a necropsy on the highhorn ram above the Big Rocks across from Rush Cr. Looked like a cougar kill - broken neck, claw on nose, scrapes nearby on trail. Kea and I hiked downstream, oh ya, Kea chased a coyote in the main pasture this morning... bad girl! Finally, I got water to the Taylor Cr. from the storage tank... might have a shower to celebrate! Warm today - mid 50's at the T. Cabin.

Sun, Mar 7

Worked on PBS power pts. while it was cold. Once the water-line (tunk) thawed I did a load of laundry. Vacuumed. Charged the backhoe battery and started it - then moved cutas/grain and pulled open manure pile... to thaw ice inside. Heard wolves howling on Horse & above benches... and saw one on upper slopes above benches. Visited Dad & Holly. Emailed A-J/Tyler and C. Bexter.

Mon. Mar 8

Usual morning chores. Looked @ several slides to scan and leave on file here. Put together the east side water line - still some ice restriction in short line - in ground. Many emails, several back and forth to A-J and Gayle from the FS.



Tues., Mar 9

Chores as usual. Warmed up the lab... after cleaning ashes from the woodstove. Many communications off the weather as Mike Davis is scheduled to bring in F&G screw trap crew. Visited J. Goss on skype, visited also about need for cataloging the "legacy slides." Many emails today, over 30 sent. People are starting to realize that we'll be leaving soon. Gayle Dixon sent several scanned old Big Cr. photos... the Gorge during blasting - and photo-protection, an old cables board foot bridge, people-salmon, etc. I'm putting hobbles on Penny to keep her in the fences (daylight hrs.)... so far it is working! I provided input on <sup>(letter writing)</sup> character elk recruitment to be submitted to the F&G Director by our state chapter of B.H.A. - talked about off-road veh. disturbance in calving areas... as F&G seems to supporting more <sup>road</sup> access in that area... for wolf, bear, cougar harvest... human, interesting notion!

Weds., Mar. 10

-20°-  
M. Davis came in early with Kevin and gear for starting the screw trap. I sent out a load of our gear and frantically pulled together a second load for when he returned with Kevin and Brooklyn. Sent out some odd shaped stuff like pack boxes, bundle (big) of harness and collars, and 2 elk racks. Visited w/ Tyler M. for over an hour on their upcoming tour of duty here. Tried to get water to the Lewis Cabin, must still be frozen under building - sounds like it is going down pipe. The fish crew had me over for dinner, oh ya, Brooklyn helped me rebuild some fence (cattle trashed) east of AK's Apple tree.

Thurs. Mar 11

Did many emails today, mostly on TR-UT wrap-up issues, and with Holly on our property building project. Visited with Kim A. on the current lodging situation w/ out water. J Goss/ Bill M. OK'd a reduced rate of 10<sup>00</sup> per night until H2O returns.

Friday Mar. 12

Mike D. flew in mid-morning to pick-up Kim & Brooklyn... before a storm hits. I started listing things-to-do before May 1st... too much for the time! Kevin helped me rebuild mule-destroyed fence & going to the lower NOAA site. Kevin talked about a lot of rat noise upstairs. Set a trap and caught a pack-rat in 20 minutes!! midday even. Penny jumped the new fence repair, even with no stakes on, and somehow Rat followed, w/out breaking the fence & hopeless!

Sat. Mar 13

Did usual chores and took Bea for a hike to Conger CR. It snowed 2" last night, along w/ a lot of windy, nice tracking conditions this morning, but not much moving, other than that sheep @ the lick. 3 eagles flying around & down stream mostly. Did a load of laundry (spare tank), and put together several boxes of things to move out. Kevin came over to watch B-ball game this evening.

Sunday, Mar. 14

Quite a bit of flying this morning and one plane turned out to be Mike Norris, Jan H. and Isaac & Bjornen - I & B returned to Taylor on a telemetry flight. Visited with all. Mike hauled out a load of our stuff which he said he'd get down to Cascade & OR store @ his hangar. Got caught up w/ I & B. Did a load of laundry. Took Kira on a walk.

Monday, Mar 15 (Ides of March!)

Did the usual chores. Got the backhoe running and began rearranging the lower-main pasture, until a front wheel fell off (Rt. side while driving). Kevin helped me put on a new hub-bearing assembly and I was back in business after a couple hours. Got about 75% done. Also did some Taylor emails and drafted my "official" letter of resignation. Visited Holly via skype. Took the stock down to the lower pasture... where they stayed 1 hr. before going onto the branches. Saw first marmot out on the property.

Tues. Mar 16

Rod from McCall Air flew in early with Gabriel and Todd (Bennett) who are in for NOAA to revise the solar-power system for the instream antennas. While I moved batteries for them up the backhoe I noticed that Pioneer cr. was brown - meant one thing, that the main line was thawed... and broken. Sure enough, several little geysers at the upper segment. I put a cap on the intake - moderate erosion along the trail above the line. I finished harrowing the main pasture, Bjornen helped raking manure along the edges. Kevin helped Isaac expose the line @ broken sites... and saw major spiral fractures on about 50' worth. I called AA and ordered waterline components. I soldered the line break under Arlow's, but still no flow to that bldg. It is now fully restored to the Lewis Cabin w/ hot H<sub>2</sub>O!!

Wed. Mar 17

Started organizing to go out... put together items from upstairs to fly out. Visited Gabe-NOAA on how to check the new system for proper solar-power production -- much simplified! M. Norris flew in with Isaac's brother - Gabe (2 Gabe's @ Taylor now!), and he brought in white pipe... but wrong type - for low pressure like sewer, not high pressure like we need. Isaac and Gabe dug up more of the broken water-line. Mike Koepf came down from Cabin Cr. to visit about Vinegar H-11 - Army movements and his search for artifacts.

Thurs. March 18

Another beautiful morning! Large (30ish?) herd of elk on first bench as first hit it. Isaac and Gabe hiked up ridge behind Dave Lewis cabin to film. Plane came in around 9:30 to pick up Gabe and Todd (NOAA). Arnold's came in around 11:30 to pick up Jim, a little early which had every one scrambling to help fill the plane as best possible. After lunch, Bjornen hiked down river to Cougar Creek (I set fresh wolf tracks headed towards Taylor near Cougar Cr.). Gabe + Gabe hiked to rock wall w/ Kea to check on remote camera set-up. Bjornen retired and re-staked Dave Lewis Cabin wood pile which had toppled a couple days earlier.

*all cows, except one calf*

Fri., March 19

Clear and sunny, with a slight cool breeze. Isaac & Gabe out early to walk Sagebrush Flats loop w/ camera - saw 1st herd of elk above flats. Bjorn watching benches, and saw herds of sheep + deer moving up slope. When I & G. returned, Gabe ran up the ridge to get a better vantage, and saw a wolf on second bench. He + Isaac went up the ridge w/ camera, and Bjorn went up above main cabin. We all watched as the wolf moved all the way up to ridge, scattering herds of deer + sheep all the way up. Stuck on 2nd bench, oblivious, or didn't care (more likely).

After lunch Isaac / Gabe hiked down river to Gorge, then up around secret passage <sup>w/ Ken</sup>. Bjorn logged Sooty, then hiked Sagebrush pass + enjoyed sun. Much wolf sign near canyon creek. Wondering if there will be activity tonight? Stock moved down to lower pasture, so Bjorn + Ken went over w/ treats (apples) to check on them. Eugene seems happy + well.

Making guacamole + fried rice for hungry troops tonight!

Sat., March 20

This is the most sunny days we've had in a row in a long time! (Probably not true but it feels that way. Bjorn heard single wolf howling sometime around 2:00 a.m. last night, probably up on 3rd bench or ridge - far. Ken and Gabe heard some "barking" (coyote?) this morning, around 5:30, in vicinity of lower pasture. Stock were all down there overnight but they wouldn't tell me what went on... ah well. Spent morning up on ridge above Dave Lewis watching for potential wolf activity - saw nothing. Isaac + Gabe worked on lights for remote camera set-up and after lunch went to set up in remains of deer carcass (the one we hatched from Philip). Bjorn + Ken hiked downstream just to call to see if any new track activity. Nothing new. Then hiked upstream to see how remote set-up was going at Rush confluence - just above. Set up blind on other side of river for access to live film. Another warm day, Ken enjoyed the cold of any water we were near...

Sun. March 21

The day broke clear, but then clouds began to cover after noon. Wolves howled around 7:30 this morning, still can't tell exactly where... far off, sound does



strange things in this canyon! Isaac & Gabe off early to blind at deer carcass to see if they could film some eagles. Bjorn & Ken tossed tennis balls on airstrip, then spent morning writing. Shared ice cream mid-afternoon w/ Kevin as we thought he was flying out at 5:00 but weather (and wind!) came in and the flight was cancelled - pushed until Wednesday supposedly. Watched storm come in, then more blind sitting. After dinner went to main cabin and watched Discovery's "Life" Series (first of 11?). Interesting stuff. Off to bed for another early morning.

Mon. March 22

Woke to wind howling around 2 am, then calmed. Morning brought a trace of snow that quickly melted as sun hit it. Isaac and Gabe in blind again. All day the weather went from sunny to dark and stormy with hail/snow pellets. Gabe took long time-lapse from first bench of storm rolling down canyon. In afternoon, Bart & Ken headed downstream a bit - no new action. Isaac/Gabe headed upstream to Goose neck, found fresh wolf tracks. Mike flew in around 5:00 to do the F & G switch, so Kevin's out Brooklyn's in. Mike said flying in was very difficult and we were all certainly surprised to see the plane come in! Cleared a bit before they took off so hopefully, they can head direct back to Cascade.

Tuesday March 23

Mostly sunny today. Bjorn did weather & Ranch chores, Isaac sat above Rush Confluence hoping for something - anything - to come to the deer remains - but alas - none - And Jake went up E-Pioneer Ridge to do a time-lapse. At noon we brought the stock in of the buckets, and saddled Star, Penny & Bart and took them + Ken to Cabin Ck. Saw 35 elk in the flat west of Cabin Ck, 3 calves I think. Returned an hour before dark. Kept the stock in corral tonight for salt, Jake found a large mature ram skull (7+?). 3rd Ram kill we've found this winter. Good fire had by all. Spring is trying - Red wing blackbird, 4 mergansers, a few mallards, yellow "buttercup" like flowers at cabin Ck.

Wednesday, March 24

Isaac off to Sagebrush for a quick check of the deer remains - still nothing. Bron took weather and threw some hay to stock, then gave Cricket a thorough tick check. Gabe packing to leave on the mail plane. Took stock back over the bridge for turn-out, and they headed down to lower pasture. Mike (Arnolds) showed up around 1:30 and flew out w/ Gabe and <sup>Dave?</sup> from Pistol Creek. Quiet afternoon walking w/ Kea and re-adjusting ~ it's always hard when visitors leave.

Thursday, March 25

Quiet day with not much to report. Weather was on-and-off stormy, with a little cold rain now and again. Still no action at the deer remains, except a few maggots - but that's a start! Stock took a little excursion downstream, but returned by noon. A herd of 12-15 deer got spring fever in the pasture in the late afternoon - playing, racing around in circles, kicking, spronking, leaping back and forth over the fence, it was quite a sight! They kind of looked like Kea does sometimes... ☺  
It's 8:00, just getting dark, and we're cooking dinner.

Friday, March 26

Woke to overcast skies, and soon it was snowing. Snowed hard for short periods. On and off all day really. Isaac spent morning and evening in blind. Felt like something was going on, elk bunched and nervous on Rush Point trail, but never saw anything. Isaac walked upstream to Loban, saw huge wolf tracks. Brooklyn went downstream to fish, found sheep skull. Many bluebirds and flickers hanging around today... and robins ~ spring must be near.

Saturday, March 27

Blue skies and sun. No activity at deer carcass. Spent morning packing up our stuff to possibly take it to Cabin Creek tomorrow or next week. Said to be thinking about leaving. Lunch in the sun, then headed over to Lower pasture to spend afternoon attempting to film marmots. Got good sound of one whistling from 20 feet away (didn't mean to plunk down so close to its hole, but worked out well in the end!). Found (old) golden eagle skull over there. Marmots didn't do much for us, but the sun was great. Brooklyn down river to George to try to fish some steelhead he saw there.

Sunday, March 28

Warm day, but mostly cloudy. Brooklyn expected to fly out in afternoon because weather for rest of week looks bad. But by afternoon the wind had picked up enough that Arnold's wasn't able to fly in at all. Went to retrieve stock from third bench in preparation for possibly taking a load to Cabin Creek tomorrow. Isaac and Lea retrieved sheep skull from Rush Confluence - both horns slipped off - possibly because it spent so much time in water ?? Venison stew and fresh bread rolls for dinner w/ Brooklyn.

Monday, March 29

Cloudy with off and on sprinkles all day. Tim and Holly unable to fly in, and Brooklyn unable to fly out. Day of sort-of waiting around in case the weather broke, and packing up our cabin. We have a load ready for stock, but are waiting for Tim to help us pack it. Brooklyn has been fishing daily for steelhead, and is making progress. Caught a couple hatchery fish ~ interesting. Taco dinner tonight at his place as ~~we~~ <sup>we</sup> all listen to heavy rain on the roof.

Tuesday, March 30

Heavy fog / rain / snow this morning! Don't think anybody will be moving in or out today either. More waiting around / packing / time-lapses / writing. Not able to contact Arnolds at all today. Weather still not looking good for the rest of the week but who knows. I obtained some 4" pipe and <sup>60'</sup> joints fittings from Robertson's N. of Lakefork. Caught up on TR emails @ Arnold's.

Weds. March 31

Awoke to a surprisingly good day. H. and I flew the mail plane back in along with waterline supplies. Got caught up with I & B and then did some shoeing - all of stars and fronts on Penny. My lingering sore throat turned into an all-out cold. Holly worked on packing up some kitchen stuff. Brooklyn showed us film footage of a doe swimming downstream in Big Creek - looks like a classic predator avoidance behavior. There has been wolf activity nearby ... howling, tracks, sightings going up the benches.

Thurs., April 1<sup>st</sup>

Quite a cold blustery day. Mike D. tried to fly in all day but couldn't until late pm. Got the stock ready this morning - loaded with Babcock gear, and Isaac took 4 head (Bpacked) up to Cabin Cr. Bjornen went a little ways to make sure things were OK. I emailed back and forth with Erik Coates about the waterline... describing factor involved, other than sheer energy output. We put together several loads - Kitchen stuff mostly to fly out. Found out today that I'm in the final two for the BHA Exec. Director job, so will try to go out Sat. for the Monday am interview. When Mike D. flew in with Joe and Marty, Brooklyn flew out in a load of Four's Babcock gear.

Friday, April 2

A busy day of catching up, and at the same time - packing things to move. I'm still squabbling with UT engineers about the new waterline - upscaling to 6". We are just plain not communicating, but I will stick with protecting the well-being of Pioneer Cr. stream-ecology... not to mention relationships w/ the USES. I'll phone call J. Goss next week when I'm out for my interview... which I spent sometime today putting together a powerpt. for. Processed UT bills - as good as can do w/out functioning printers or internet. Holly worked on transferring Taylor computer files and listed to-do's next time she's back - end of April.

Sat., April 3

Spent the morning getting more stuff packed to go out. Blustery today. No internet or B.C. Radio, but could reach Arnoters w/ the Globalstar phone. Tyler + AJ here. Visibility was not great, but we flew in with Mike Davis this afternoon, unloaded/reloaded the plane, & had a few quick seconds with Jim + Holly before they flew out. Spent rest of afternoon unpacking, starting Arko's fridge/water/hot water. Tyler soldered a pipe leak in basement. Replaced water heater propane tank. Walked the airstrip at dusk & saw 13 elk in Big Creek - spooked them upstream, very noisy. No calves. No internet.



Read through Taylor Book to catch up. It's great to be back! -AJ

Sun, April 4

Happy Easter! Sunny day, very quiet. Met the IDFG crew, unpacked, venison stew w/ Isaac & Bjornen. Nice to get caught up.

Mon, April 5

Stock sighted briefly on 2nd bench this AM. Isaac & Bjornen packed for their upcoming departure. Tyler did some email communication, then pulled out all the broken pipe Isaac uncovered, broke it down, & bagged it. I was on the computer all day - emailing Jim Gosz, emailing MOSS, talking logistical info w/ a possible visiting student (Steve Heim), doing travel reimbursement paperwork, getting data ~~computer~~ computer hooked up to new printer. Phenology has a new website that works for us now... huge celebration! Also including animals this year. Rain/sleet/snow all evening.

Tuesday, April 6

Finished job interview process for the BHA.E. Director position. Did some gear organizing in Cascade - waterline and AJ, Tyler belongings to come in. Mike O. flew me in early pm along with 30 gallons of gas and a very full load. The weather coming in was quite squinty. Once here Isaac did some landscape filming off of the plane wing. After that I & B were flown out after spending most of the winter here. Was offered and accepted the Backcountry Hunters and Anglers Dir. job... change is imminent now! Visited w/ Tyler and AJ about Taylor Mgt. Visited Kevin after dinner.

Weds, April 7

A busy day of multi-tasking. AJ got going on the slide scanning project... and I recalled info. for the headings. Tyler worked on the waterline... fixing and assessing the extent of damage. Mike D. flew in with the mail and Brooklyn, coming in to join Kevin with fish capture. The two Nampa guys (Joe-Marty) flew out. I spent part of the day on my Lemhi bighorn study plan, but still did 6 hrs. for UI. Brooklyn came up @ 8pm to report that a bighorn was dead near the salt lick... almost went down to sample w/ Kit but decided to wait until daylight tomorrow.

Thurs. April 8

At 8 am 4 of us (+ Kea) went down to the salt lick to sample the bighorn... which we found that wolves had totally consumed and/or hauled off... so no sampling to be had! AJ continued slide scanning project, w/ me giving descriptions. Got Tyler lined-out on using the backhoe - "hoe". He did well, and covered the old compost, then dug a new one - then advancing on to expose several segments of the waterline. After BHA did the all-member press release on my job, I mailed UI and CNR admin about my job... and gave official Resignation notice... a funny feeling after all these years!

Friday, April 9

A lot of wolf howling and barking on the lower benches last night. AJ and I continued cataloguing & identifying recent-history slides... plus a few from J. Taylor and the 70's. Tyler kept digging up more line w/ the backhoe, most of the line is broken. Brooklyn and Kevin caught 4 steelhead downstream below the Gorge... 2 wild, 2 hatchery - I believe. I continued working on the Lemhi sheep study plan, also answered many emails w/ congrats on my new job with BHA.

Sat., April 10

Hea and I went to the sagel flat. I told her there are many memories at this spot, many hundred... dating back to the fall of 1982. Aside from that, I finished the study plan draft, went steelhead fishing w/out luck (w/ Fib guys). Did several emails too. Tyler worked on the ditch, AJ did plant phenology survey.

Sunday, April 11

Did a little fishing for steelhead w/ Kevin, <sup>(Fib)</sup> no action @ Rush ck. Wrapped up my bighead study plan for the Leach. Apparently Brooklyn caught a couple downstream... steelhead... they are in the lower River, no question! Shot my bow - w/ Hea. Many emails about my new BHA job. Saw the stock - lower pasture. 40-50 deer around now - w/ greenup. J. Goss skipped about weather forecast, my thoughts on Tues. flight from Moscow!

Monday, April 12

Got a lot done today on the river & cleared off my table-top totally and sorted through three years of paperwork - most L&E related. Went through our "old slide" box and came up with many more for AJ to scan. Tyler finished the gate frame and pulled out (of the ditch) a couple hundred feet of waterline - 85% broken. Brooklyn & Kevin went downstream, caught 4 more steelhead - one was 36" long, one was a pit-tagged hatchery fish.

Tuesday, April 13

Finished getting a load ready to go out last night and this am. Communicated with Doug G. and AA on the weather - which was marginal. Mike D. flew in first with Jon Hunter and Ron (Naaya Fish Research) to help catch fish. Before long, Doug G. from Interstate came in with Ross Applegran and Brad - to advise Tyler on log booring systems. I continued moving/boxing stuff, and visited AJ on various Taylor mgmt. issues. Jon, Ron, Brooklyn caught 14 steelhead today, only 1 hatchery fish.

Wednesday, April 14

AJ here. I continued scanning slides, Jim continued packing, & Tyler continued digging. Mail plane came in the afternoon (George) & dropped off quite a bit of our backlogged gear & food. Then we refilled the plane w/ Jim & Holly's stuff to go out & Jim & Kea flew at - will be gone for 10 days. Unloaded our stuff in the lab for now.

Thursday, April 15

The stock came down to the lower pasture this morning, so Tyler brought them over to the corral to get salt for a few hours (& fly spray too). Great weather. Doug flew in from Moscow at about 10:00, bringing Sterling Grogan & Anne Watkins in (friends of Jim Gosz, used to manage a ranch in NM) and taking Ross Applegate & Brad French out. Tyler & I gave them the Grand Tour for most of the afternoon. Also heard from J Gosz that we're going to order PVC to replace the main line for now - cheaper, faster, & easier - great news. Anne's dog kept chasing deer & rabbits - not good. Sat on DL porch with them in evening & talked.

Friday, April 16

Tyler continued his work on the backhoe, digging the pipe trench deeper. I did phenology - the weather has been warm for the last few days and almost all the buds broke this week! Big Creek is rising too, so we're watching it. Anne & Sterling hiked downstream. I cleaned up the last of the slides & moved all my stuff out of the office - hopefully will make J+H's life easier. Had Sterling & Anne over for iced tea & Taylor discussion in afternoon.



Saturday, April 17

Tyler continued w/ backhoe today, trying to get that finished ASAP. He contacted Carol yesterday & ordered new PVC pipe from Cascade Building Supply. Mike Dorris came at noon w/ a big plane load of our stuff, & took Anne & Sterling at to Cascade. Justin Schre had brought down some solar supplies & would be driving them back up. We stashed our stuff in the lab, out of Jim & Holly's way. I made a triple batch of muffins, 2 loaves of French bread, & a quiche - whoa! Mike D. came back around 3:00 with all the solar supplies (mostly PVC pipe for the solar-hydro electric cables) & the very last of our moving gear. Yay! Sent him out w/ more of Jim & Holly's boxes & muffins for everyone. Also took some bread & muffins to IPFG guys.

Sunday, April 18

Another warm, sunny day. Big Creek & Pioneer still rising. Brooklyn reported needing to clean algae off the screw trap cone every 4 hours or it would stop turning. Met w/ Jon Hunter this evening to review IPFG regs - very helpful.

Monday, April 19

Still warm. Tyler continued digging w/ backhoe. I was on the computer emailing for much of the day (planning w/ Debbie Fereday for MDAS visit, recycling questions for Carol, GIS planning w/ Lee Vierling & Javier, flight planning w/ IPFG). Also scanned all the historic photos that went with the "Dynamite" story. Mike D. flew in around 6:15 pm & took out Brooklyn, Jon Hunter, & Ron (IPFG Nampa) & brought Kevin in. Earlier flight this week since the weather is supposed to go downhill.

Tuesday, April 20

Almost 80 today! Tyler still on backhoe. I wrote up a thing on TR waste to post in the cabins (w/ recycling info) & did phenology. 9:00 AM meeting w/ S Gosz didn't work, but the 4:30 attempt went fine - probably make it a regular thing. Also started matching herbarium accession numbers to the label data - the very last herbarium task (leftover from last year).

Wednesday, April 21

Clear & calm all morning. Spent it researching hotels/flights/transportation for our Portland trip & planning the itinerary - Tyler & S Gosz approved. Got slammed w/ a sudden thunderstorm at 2:30 pm - lightning, damaging winds, pouring rain, flying branches, hail, green sky, mammatus clouds. It was wild! Pulled Tyler off the backhoe just in time (he couldn't hear it coming). Big Creek has risen from about 19 (cm?) to 46 in the last week, by the measuring stick. Tyler's worried about a storm surge, so he pulled the check dam by the Hornacker, just in case. We're past freezing anyway, & we topped off the Taylor Cabin water reservoir last week (still had a big iceberg in it!). Got our TR credit cards in the mail today (Mike D made it in at 1:00 when the weather was still good - sent out remaining IDFG stuff). Used mine to pay off our WFA class fee for June. Yay!

Thursday, April 22

Hard rain all night - 0.53" on the precip gage this morning. Kevin's had the screw trap pulled out & over for 3 days now. Looks like Monumental blew out last night - BC all milky this morning. Top of one of the dead aspens broke off in yesterday's storm. Work - more of the same. Quiet day.

Friday, April 23

Tyler continued digging w/ the backhoe - he's past the orchard & up to the Taylor Cabin now. I made our flight reservations to Portland for June, did phenology, & worked on accession numbers. BC starting to go down from its highest point this year (about 54cm). Also did our travel authorization. Made cooking & shared w/ Kevin - he seemed isolated.

Saturday, April 24

Spent several hours this morning doing Taylor "beautification" following the storm - picked up sticks, raked lawns & paths. Doug flew in at about 10:30 w/ Erik Coates & 2 students (grad Aaron Lewis, undergrad Shawn Sjo...?). Got them settled in & Ben walked property, looking at septic areas, pipes, waterboxes, trenches - all the plumbing stuff. Discussed long-term ideas for septic systems, airstrip erosion. Jim & Holly will be flying in tomorrow afternoon, so got some equipment ready to fly out on backhaul. Potluck w/ Erik & students. Oh, & I started some boxes in the airstrip shed for sorting recyclables - we'll see how it works.

Sunday, April 25

Holly and I drove down from Moscow after the CNR awards banquet yesterday. Our large plaque (CNR) and photo book (DeVlieg) were gifts delivered by Ed Krump and Janet Pope. It was a nice evening - saw many of the people that we've worked with over the years. Mike D. flew us in early afternoon... for our last week of residence at TR - in the Taylor Cabin. Settled in and caught up on the last 10 days happenings with Tyler and A.J. It has gotten up here... trees budding, etc., lots of deer around - elk too on the 3<sup>rd</sup> bunch... always a great time of year at Taylor Ranch. Also, the afternoon Mike D. flew back in with 2 - 50 gal. barrels of fuel.

Monday, April 26

Visited with T. & A.J. on things we need to cover this week. Put together another load to go out - which went out when Mike D. came in with another load of building materials. I went fishing w/ Kevin this pm, he caught/sampled 8 adult steelhead. I didn't have any success with a fly outfit and no waders.

Tuesday, April 27

Worked on cabin moving. Got together with Tyler and Annie-Tina to go over files and buried water system components. Got caught up on all the UI-CNR emails... and communicated with Tony on continued email forwarding to lughesact. Kevin caught several more steelhead today. Had all over for fruit short cake this evening.

Wednesday, April 28

No mail plane today, turned pretty stormy in the afternoon. Worked on moving most of the day. Went over the last batch of slides for titles with A.J. Fished for steelhead w/ Kevin this evening w/out any luck - either of us. Many emails today too.

Thurs., April 29

Continued assault on the move. Burned some junk/alcohol from around the woodshed... old clothes too. Wrote a recommendation for Kim Holson on a job with ODFW - invasive aquatic species control. Tyler about done with the workable (wh) part of the waterline ditch. Holly emailed Darrel Stant on her turn. date & have time issue. I emailed w/ Cathy Gilligan on the Wallace Family Records. Still too stormy for a plane to come in... Kevin decided to go out.



Friday, April 30

Holly worked on taking things off the computer and packing... I focused on packing. See the <sup>15</sup>stock up on the tin snail bench - need to get them "in-hand" before leaving on Sunday. Visited T & A-J wire on winter routine and people interactions/expectations. Sent emails back and forth and Holly sent one out to all our UT-TM collaborators saying bye - wishing them well. Janet Pope's cold has caught up to me.

May 1, Saturday (Dad's 91st)

Called Dad, (last night), he was nostalgic about us leaving TR - the place has been on his mind ever since 9-1982 when we first came. He couldn't remember all the things he had given me to use @ TR... at least 2 pullies and 2 pitch forks, + 1 manure fork... couldn't recall anything else. Still working hard on the move, and the weather still isn't allowing planes to fly. Emailing with John B. 2x a day on ke and Richards timing on coming in. A-J & T. brought up dinner and Kevin came over too! After dinner we hit the move again - Holly going through rears of paperwork and me burning most of it (now-important, now). Holly was up until after 4 am.

Sunday, May 2<sup>nd</sup>

"Today was the first nice day in a week!!" 4 A.A. planes came in - 2 flights by Mike and 2 by George... taking out all that was packed up and bringing in loads of lumber and Brooklyn - Kevin went out, then John and Richard B. came in to do carpentry work... and Holly and Keri left today - their last flight from Taylor Ranch. I'm staying back to finish the move. Shot <sup>up</sup> ~~back~~ w/ John & Richard. Oh ya, Justin Schlee also came in today - a busy day.

Monday, May 3<sup>rd</sup>

Moved most of the final things from the basement. Visited A-J & T on transition details. Looked around for last things,

and started feeling pretty nostalgic today... tough to leave this place and the 7,000 days of memories! Holly seems to be ahead of me on the "Transition emotions"... maybe I'll be like that once I get settled into our living places and a new job, or jobs!

Tuesday, May 4 Final Statements

Got up early and cleaned the T. Cabin and pulled most of the remaining items out of the attic. I wanted to get back over to the Saget flat to pay one more visit to the Jess Taylor ashes rock, but couldn't get away. I have real mixed emotions about the future of this place, but there are a lot of good people involved with the place on-site... faculty, facility managers, students scheduled etc. I firmly feel that one of the big "achilles heels" is the new ~~year~~ structure... way too much for student finances. Our work-for-lodging program was very well conceived and really fit an important Role here at Taylor. Oh well, we put our hearts/thoughts/back into this place for 21 years over a 28 year period and it is time to sever the ties now. For the record, I am especially grateful to Maurice Hornacker for having the vision for this place in the early days. Maurice shared this vision with Holly <sup>(in the 80s)</sup> and I and that was the path we always attempted to follow. He knew it would be a "rough Road to hoe" and it sure was. Another <sup>with Christine's great friend too</sup> mention-type figure to us has been Ed Runge. Ed was instrumental in both of our hirings here and he worked with us in many ways, but most importantly through his encouragement of educational offerings (internships) for undergraduates. Jim Peck and Pat Cary Peck have also been dear friends here @ TR. They also saw the value in providing of ours

"Living history" experiences for various levels and types of students. Jim represented the classic old school approach to field science... a true <sup>Field</sup> classic naturalist and I hope that as the years pass the many TR students realize what a unique experience they had by being in the field with Jim. Pat <sup>bless her heart</sup> was always looking out for the historical integrity of Taylor Ranch and I always enjoyed joining her on the mission... we have had a lot of fun "talking history... old Idaho" style over a 22 year period. Jim's Janet Pope has been tremendous friends to both us, and Taylor Ranch, over our second tenure here. The place would only be a shadow of its current "presence" if it weren't for Janet and Jim's commitment and by providing "connectivity" between Taylor and the DeVlieg Foundation. And last, but not least, I want to acknowledge the Arnold family - Carol Ray Mike. Arnold Aviation is without question the heart and soul of life in the Idaho back country. Their business has provided so much more than just transportation and the mail over all these years, and I think that only those living in this mountainous region can understand how complete their service has been, and still is. A final thanks has to go out to Doc Johnson (C.C. Johnson) who no longer is with us. Doc was a very close friend of the Taylors and the executor of their will. He became close friends of Holly and I by 1983, or so, and he always told us how much that Jess and Dorothy would appreciate what we did here - applying traditional skills to modern educational science. I just hope that someday his son Dan Johnson (a Dr. of medicine too) can come see the place and provide stories from his youth spent fishing with his father and Jess and Dorothy Taylor. Goodbye Taylor Ranch, and good luck Taylor Wilderness Research Stn.!

— Jim & Holly Akenson May, 2010

