

TAYLOR Book

Mar. 16, '04-

Dec 31, 2005

RECORD

Jim & Holly Alkenson
Taylor Ranch Field Station

Mar. 16, 2004

A warm night camping at Cabin CR. We packed up camp/gear mid morning. I took 4 head (3 packed) back to TR. Also this morning I found a perfect sheep-eater arrowhead - obsidian right by camp on the west-side bench. Holly went with 2 saddle-stock & Katie, Dave Wayne, & Kirsten to look more up Cabin CR. Hati and I got the barbecue pit going, the rest of "the crew" arrived @ 6:30 pm. Had a good dinner and discussions.

Mar. 17, Weds.

I cut the hoof pads off Daisy Penny & Star. The group hiked around lower Pioneer and Rush Creeks. Had a late lunch then we all hiked down to Cougar CR. Set a wolf trap in Cliff CR. We all visited about ways we could collaborate - tracking & research opportunities between UI and ISU. Had a traditional St. Pat's Day dinner... cabbage and corn beef, and a casserole.

Mar. 18, Thurs.

Holly made a "Dutch Baby" for breakfast, so we talked collaboration while eating. Steve Cope flew in with Jeff Petersen. Jeff and I looked over the building site - planned for log layout. Steve flew (shuttled) Wayne & Dave to Cabin CR. Ray was late coming in w/ 185 (206 had wheel problems), and he took out Katie and Kirsten right as the wind started to blow. Hati and I began clearing brush along the west side of the N. pasture. ^{Many eastern} ~~eastern~~ ^{contacts}

Mar. 19, Friday

The wind blew all night, and then all day. Holly researched refrigerators, calculated power demands with the new cabin. She also emailed the Dean on the UI/ISU meeting, and did emails on the new web page layout and more NEON stuff. I wrote up my self evaluation, checked the traps, and did several maintenance tasks... barked the deck posts, dug (w/backhoe) the 6' deep sample hole on south side of airstrip (for sludge drying). Many sheep and 20 elk down low today - eating start of greenup. Hati helped me (and worked on his waterline), and he sorted through the info. provided by L. Kingsbury.

Mar. 20, Saturday

Another nice day - mid 60's. Hati and I spent the day + burning piles of debris in the N. pasture - after burning all the dead grass first. Conditions were perfect for grass and shrubs burning. We also buried the "water-test pipe" along the airstrip... water line @ 4'9". Holly necropsied the dead lion - 10 mos. old, starved to death. She also did our taxes. Many ^(±30) sheep visible today.

Mar. 21, Sunday

Continued burning debris in N. Pasture. I pulled the winter water-line and put the parts away in the basement. Holly & I raked the yard & gardens. I also raked the duplex yard. Holly pulled the east end trap - NO actions.

Mar. 22, Monday 2004

Ray flew in this morning bringing in Kent Landon and Jon Hunter to do the elk-comp. count. After an hour or so Jim Pope JR. flew in with the helicopter and the crew began counting. They ended up spending 6.3 hrs. flying, counted 739 elk with bull ratios of 9 per 100, and 12 per 100 on calves... neither very good. Hati and I continued brush clearing and burning in the N. pasture. Holly assaulted the refrigerator and water heater problems in the lab, she fixed the fridge but no luck on the H₂O heater. Emails to Dave D. (ISU) and Troy Hack on their projects. Visited Andrea Bristol about wolf job recommendation. Everyone had a late dinner, Hati made us spaghetti, etc. Had Margarita's before bed (Helicopter brought in).

Mar. 23, Tuesday

The helicopter crew finished early, only 45 elk up Rush cr., bringing total to ± 790 , with 60% of the unit flown. Holly worked on reformatting display photo's for Hati. I wrote a letter of recommendation for Andrea Bristol, for temp. bio. job with the tribe. Hati and I used Holly's sheep head to "pose" some photos @ sheepcator sites downstream - 1st cave and 2nd flat w/ house pit rings. Just before dark Hati & I used Rocky and Cricket to skid 2 post logs from the east end of the Lower Pasture to the building site. Packed for my trip to San Antonio - PIBS (archery) meeting.

March 24 Wednesday

Jim & Hati flew out - Jim to PBS meeting in San Antonio Hati took the bus to Moscow - will work on his Sheepeater display. We got a load of lumber in on that plane. I worked on my self evaluation for CNR in the morning and copied wildlife & scenic jpg files for Michel Beuchler IDFG document. Janet Pope & I emailed on purchases - beds, water line septic, cabinet construction, wood stores, and funding Troy Hinck's summer research proposal. In the afternoon the hydro sounded off - fuse blown & not producing power. 2nd fuse blew when I replaced it. Will check wiring & alternator tomorrow when I can let Arnolds know I am working on electrical wiring (no one else is here). Sent out 21 emails! Sam on Bat workshop; Wayne M. on Monumental sending silt down Big Cr.

March 25 Thursday

Spent most of the day on the hydro - I had to make a new "wrench" for the 4" pipe valves. Talked to Backwoods Solar (Scott) 1/2 hr about the hydro problem & solution - he said we need a fuse between hydro and battery bank! I ordered a new Paloma hot water heater from Backwoods & they will send fuse & holder also. 20 emails sent out: billing Challis flight; Hati's time, Hot water

heater purchase, WI library archive collection of Dave Lewis photos, ^{schedule} presentation to Krassel District on cougars in May, dishes & woodstore purchases, bat workshop planning. 34 elk at mouth (30 cows, zero calves, 4 spikes)
of Cliff Creek in Am.

March 26 Friday

Another all day, all evening effort with the hydro - had to file threads down on alternator shaft after I distorted them when I tapped the end of the shaft to get the bearings & shaft separated - 2-3 hr job; then repeated in evening to enlarge allen wrench hole! No obvious problems with alternator noted ^{besides fuses blowing} - only a loose battery cable connection & a missing spacer washer on pelton wheel. Replaced bearings & brushes on old alternator; will send recently used alternator to Dok Harris (Hydro). Sent 14 emails; purchases, planning for deck construction next week, set up flights, more photos to Michele. Ordered new hydro control panel. Ran generator 1 hour to charge batteries.

March 27 Saturday

Hiked downstream to check visuals - on wolf traps. No activity. 24 elk on grassy slope E of Taylor Ranch - only 1 calf! Buttercups out, ribes leafing out. White throated swifts over pasture; blue grouse ♂ hooting: 1st's of the year. More hydro work: checked battery terminals & water & volts. Reassembled hydro with old alternator and caulked outlet; mounted eye wash station in hydro shed. Turned on water to hydro and jumped the alternator hot wire. It works: producing power. ^{Done by} 4pm

March 28 Sunday

Completed my WI self-evaluation form & mailed. Sent receipts & letter to Lynne K - purchases & reimbursements. Checked water and cleanliness in cabins - did minor cleaning. Mules broke the gate to old cookhouse site & grazed pasture across from airstrip. 18+ elk fed just above the cabin in pm and 15+ elk on West Knob. Jim arrived home at 5:30 pm with 6 bags cement, lumber, groceries, hardware. 1 elk on the airstrip when Ray was ready to take off.

4 crossbills @ Corral-
1 Canada goose fed
on airstrip between
takeoffs.

March 29 Monday

A busy day. IDFG gear flown in with Salmon Air Taxi (Dan Walters). Jeff Rohlman & Jon Hunter flew in from McCall with Red. Then Doug Gadwa brought Richard Rader in. Then the helicopter (Ron Gipe) arrived with Greg Painter and Jim Juza. IDFG did bighorn comp in the lower Middle Fork. Jim & Richard dug holes for deck supports with backhoe with help from F & G. I measured sewage sites monitoring hole pipes & sent data to Secesh Engineering. Checked wolf traps: bob cat? made a scrape next to deer head wolf trap in lower pasture. Elk 15+, mule deer 7, and bighorns 14 above 3rd bench. Ram lambs & young rams rear & butt heads, chase & mount each other. Checked the hydro and water was flowing out of the alternator. Shut power off, removed

alternator, added spacers, resiliconed & reassembled. It's working again.

Backhoe front end loader internal shaft on hydraulic ram got bent while digging out rocks with backhoe. Jim Juza &

Greg Painter fed us all shrimp & pasta dinner! I did our state income taxes in pm.

March 30 Tuesday

Checked hydro this morning - producing power, but water flowing out of alternator again! Shut it off; removed base; rasped down edge on vertical outlet pipe to avoid splash back - as suggested by Don Harris.

I noticed jets were not aligned equally with pelton wheel - realigned worst 2 to hit center of pelton cups; reconfigured washers for larger diameter to minimize splash up. Re siliconed joints & let set overnight.

Jim & Richard spent the day pouring footings for deck, 1 Islander load of lumber, plus new Paloma hot water heater for lab. Elk around the lab &

new foundation in the morning - they moved across Big Creek. IDFG crew did Big Creek sheep count. They invited Jim & Richard & I

for dinner again - Dutch oven chicken & cake. Jim & I gave the 4 Decades Cougar research power point to the crew.

March 31 Wednesday

I installed fuse holder & fuse in hydro to batteries + wire; also replaced hydro control panel with new one received today. Some water came out of hydro on startup, but it's producing power (AMP gauge reads >30 with 3

jets on and 27 Amps with 2 jets - all at 900 RPM. Jim & Richard installed deck posts and started on framing. 2 Islander loads of lumber & supplies; Cope flew in to pick up empty fuel barrels for Middle Fork Ave. IDFG crew had the day off - went hiking. Hati flew in on Islander after a week in Moscow. Potluck dinner with all TRch. at lab. Elk on 1st bench. Mules locked in corral daily now, since Rocky started breaking gates to get to "greener pastures"!

April 1, Thurs.

Continued working on the deck w/ Richard. Also, visited with Jeff R. on our project findings -- management implications. Rod flew in late morning and shuttled supplies to the B so the crew could base from Marmion Ranch. John Hunter & Jeff R. flew out - to McCall. Holly's hydro. repairs appear to be working. I arranged for our helicopter crew to stay @ Colson cr. F&G cabins. We did many emails on the TR endowment & cabin matters. Holly, Hati & I began laying "select" Dfir decking. Doug Gadwa came in about 5 pm. He decided the weather was too marginal (snow) to go back so he & Richard spent the night.

April 2, Friday

Got up early and saw Doug & Richard off after coffee. Holly tried to create & send John Seidensticker our talk (pdf file) but no success. Hati & I moved the

rest of wood pile from the strip over to the construction site. We all worked on deck laying. I harrowed the main & upper pastures - w/ backhoe. Ron Gipe, Tom Keegan, Mark Hurley stopped in for helicopter refueling... counting sheep up the Middle FK. now.

April 3, Saturday

Pulled the 2 wolf traps still out, I burned a couple of brush piles. We pruned the Taylor yard apple and pear trees. Took some time off preparing for the big cabin-move week. Many elk (40+) on the benches

April 4, Sunday 04/04/04!

Holly hiked up to the Cliff Ridge top. Hati and I organized - covered deck boards, - expecting rain. I tied flies and went for a hike in Lower Rush cr. Holly made a rhubarb/s trawberry pie, I made a turkey soup, Hati made biscuits. The airstrip goose now has a mate. 7" of H₂O in strip hole

April 5, Monday

Holly wrote up the huge grocery list for the construction crew. Hati and I cleared the brush-strip near the helicopter landing spot. I photographed [digital] photos] the helicopter set down sites and emailed to Jon Hubof - the pilot. Holly ^{-email-} corresponded with the bat workshop participants. Hati and I worked on replacing the lab water heater. Made calls to Jeff Pedersen, Richard R., John Hubof, Janet Pope. The building material "caravan" leaves for Colson Cr. tomorrow

April 6, Tuesday

Hati and I finished the lab water heater installation... and plumbing repair beneath. Holly spent the morning on emails - student interested in reptiles, NEON folks, bat workshop, and project findings sent to C. Nowack... for OR. wolf Committee. She also emailed Howard Quigley's Gary K. Then, the ^{- + evening -} afternoon was spent taping deck boards (H.H.), while I primarily moved board stacks and cleared the building area for supplies starting to be flown tomorrow afternoon. Called Ed R. to see if he can come in tomorrow. Measured the test holes: L. pasture both dry, the S. airstrip hole has 8.25" of H₂O in the bottom of the hole.

April 07, Weds.

Doug Bedawa flew in Richard Rader and Ed Krump. We spent the morning finishing the deck and soon after lunch the helicopter ^{Jon Hutzel L pilot} began bringing in loads - 8' total, mostly heavy decks of plywood etc. and boards, plus a 500# woodstove. All went well. Ray came in with the mail and a plane load of supplies for our crew. Chris McDaniel also came in on an earlier load... to help here. Kept at it until 7:30 pm. Holly made a great pork chop dish, and we are all beat! Oh ya, Ray hit a deer at his previous stop - Allyson Ranch. I + knocked off his door step, otherwise fine. Forty + elk on the 3rd bench.

April 8, Thurs.

We all watched CLK early, then once again began work on the foundation - sill boards & flashing. The first helicopter flight came in @ 10:30 am - some big combination loads with big, bulky stuff inside - plus a line-load each trip - 12 trips total. Chris went out @ noon, Janet came in on the last load. We did have some difficulty trying to haul back out 4 barrels of Jet A fuel, had to re-sling in loads of 2 so the barrels didn't poach out in flight.

April 9, Friday

Today was another big day of helicopter flying - 10 more slings & internal loads, bringing to grand total to 30! We also finished the deck rim and bolted the deck to the foundation. Had some very delicate loads flown today - large windows/glass doors well padded with bed mattresses. Ray A. flew in with 4 propane (full) and 25 gallons of reg. gas (we were running the backhoe on fumes!), Doug G. flew in @ 5 pm to take out Ed K. and Richard Rader - both were huge help! Janet left us a bottle of Champagne to celebrate - which we did, kind of, Hiti doesn't touch alcohol.

April 10, Saturday (windoff)

We all took the day off. I liked to Cougar CR. - tracking the stock. They showed up after noon, so I stuffed them in the corral. We gave them wormer. Holly spent the afternoon and evening (night too) sorting through all the digital photos from the helicopter lifting... 556 images!

April 11, Sunday - Easter

I put new shoes on Shiloh's front. Hati and I hiked around to mouth of Rush cr. - sage flat, looking for steelhead and shooting bows. Holly spent the afternoon preparing Taylor Ranch F.S. info for Katy Kavanaugh who will be attending the NEON mtg. in Colorado next Tues. Holly made a pork roast Easter dinner.

April 12, Monday

Got Hati lined out on the N. pasture fence, first we packed over metal fence posts, ^{etc.} with Cricket & Rocky. Hati finished most of the fence. I packed cubes to the feed shed. Did many emails, mostly on cabin issues. Holly did more emails regarding NEON & TRFS, then she and Mica headed up to Cabin cr. for an overnight and to count ^{comp.} elk. Worked on Sheep Summit presentations.

April 13, Tuesday

Hati and I moved all the windows to the covered tent frame. I stood them in deck notches - padded and tied them secure. Worked with Hati some moving beds, doors, and reorganizing new cabin supplies. Emailed F&G (Nadeau & Lasworth) regarding Troy Hinck's proposal funding, plus J. Pope on several issues. Dug a new compost hole, did some yard cleaning. Made dinner. Holly returned @ 6pm with a sheep head, elk antler, and some carcass observations.

April 14, Weds.

A typical mail day with lists and last minute letters going out. Ray came in about noon. He stayed to check on the hydrolic fittings... we found one that worked, so the backhoe is back in service. Hati got the water and gas going in the old cabin. Holly got caught up on emails... from the last few days, and she responded to many that were "flagged" over the past 2 months. I spent a lot of the day on the bighorn powerpt. talk, scheduled for Sat. We have so many flights scheduled over the next 3 wks. that Holly had to type up a big list for Carol. Hati did a lot of organizing today, and he worked on his wording for the Sheepwater poster. The stock returned... to our yard! I stuffed them in corral.

April 15, Thurs.

Hati and I began the day by running 15 elk out of the N. pasture and putting our 6 head of "semi-domestics" in the electric enclosure. Hati stayed over there and fixed up the fence - elk had knuckled over, and started electric. He also endured a heavy wind - blustery day. Holly and I spent all day on the bighorn talk - and evening. She also visited with Janet Pope about showers and groceries for next week. I called Steve Macdonald, confirmed that F&B would kick in \$1,000 for flying on Troy Hinck's elk project.

April 16, Friday

Ray flew in early and took out Holly and I. We made it to Boise in time to have lunch with Vi Webb, stop at DEB and then make it to F&B office in time to visit people... Jim Unsworth about Troy Hinck's project. Had dinner with Dale & Dee Towell. At TR, Hati set up the airstrip sprinklers and put up the "fake tape" fence-line... elk have been hard on it lately.

April 17, Saturday

Holly and I attended the Bighorn Summit in Boise, hosted by the Id. FNAWS and IDF&B. I presented a Big Creek-Bighorn status report. After the meeting (all day) we spent the night with friend Vi Webb (Bob & Vi were our primary "ranch sitters" in the 80's), Hati worked on the Lab interp. displays, not so warm today.

April 18, Sunday

Holly and I madly did shopping this morning... again buying food for the construction crew. Made it up to A.A. by 3 pm. Found out that Troy R. and the Popes were not coming in until mid-week. We flew in @ 5 pm with Ray and a load of supplies. Hati had made dinner for us, a spaghetti casserole. So we ate well after spending an hour or so putting things away. Got caught up on some emails after dinner.

April 19, Monday

Did several emails - D. Delibanty, M. Faurot (FS), Jim H. (NPT), T. Hinck, J. Pope etc. I got Hati lined out on fence & gate muck proofing. Kicked the stock out, the N. pasture already grazed too much. Holly corresponded back & forth with L. Kittner on cabin issues. Did mid week flight planning.

April 20, Tuesday

I spent the morning, mostly, putting together the funding request letter to IDFG for supporting T. Hinck's proposal. Holly worked on revising Troy H's budget and sent him a detailed email to that effect. She also responded to emails from Beth Waterbury and J. Pope. It stormed today off & on - rain & snow. Hati & I moved cement blocks from the airstrip to the bldg. site.

April 21, Weds.

A busy day of flying - Mid. FK. Aviation made a couple trips bringing in Jeff P. and Brian (Logsmith's), and then the take down crane. The Popes (J & J) and Troy flew in w/ G. Dorris & the Islander... loaded with supplies. We assembled the crane and began laying the first Row when the crane dolly connection broke (poor-to-no weld), we improvised, but we'll need to get it out for welding. Holly caught a ride w/ Ray to Big CR. ... then the rain and Tony and Janet were unable to be flown to Big CR. today. Holly checked out spotted frog eggs & pikas while at Big Creek and camped alone.

April 22, Thurs.

First full day of wall erecting. Most of the log-lifting we did without the crane - Ray flew in and took it out at noon. We did get up 4 and 5 levels on the East, NE, and SE sides - did pretty good using the backhoe, prop boards, and 6 people! Janet Hohman & Tony Wright flew to Big Creek and the 3 of us started downstream to Monumental Bar on the Harlequin Duck survey - saw a light brown/grey wolf near Copper Camp, also 2 cow elk carcasses & 1 moose calf carcass along the trail.

April 23 Friday

Ray Arnold flew in with the newly welded hoist and the crew erected the logs quickly. Jim Pope ran the backhoe with logging arch to pull the log, while Hati maneuvered the other end of the log with a rope and wheeled dolly. Jim A. and Troy connected the log with a strap for backhoe lifting to the deck then connected the log to the hoist tongs. Jeff Peterson ran the hoist with help moving it from Jim A. Brian & Troy positioned the log into the cabin. This assembly line maximized production. Janet P. photographed the progress when she wasn't preparing meals for the crew. Janet H., Tony, and I surveyed for ducks from Monumental to Cabin Creek - mallards & mergansers, but no Harlequins. We watched an osprey at Cabin Cr catch/eat a 12" cutthroat

trout. High winds overnight - and the osprey was still perched and eating the same fish in the morning! (Mike ^{Porter} Curtis) Curt Mack flew in to TR, and picked up the wolf traps.

April 24 Saturday

The cabin erecting crew made good progress again today. They had done 7 1/2 log rows yesterday and by the end of today had finished the 1st floor and laid the 2nd floor joists. I was surprised to see how far they had gone when we arrived at TR in the afternoon. No harlequins, but lots of mergansers, & some mallards, Greenwing teal, wood ducks. Canada goose pair nesting on island near Rush Creek.

April 25 Sunday

Today was a "mixed bag day" on the cabin - Hati and I ^{- Troy too -} took the afternoon off after working with the crew putting up the remainder of 2nd floor joist logs. Jeff & Brian started the window bucks after securing the joist on the structure. Troy hiked up to the heliport/stove camp, Hati and I shot bows in the afternoon. Janet and Holly put together email-photos for the cabin committee, etc.

April 26, Monday

I spent most of the day in the pit under the cabin, as did Hati. We used the rock-slip and the backhoe to haul out many loads of fill prior to cinder block placements. Troy, Jim P., Holly, Janet worked on

the roof... 1st floor ceiling. Jeff and Brian worked on window bucks and log trimming. Janet H. and Tony W. headed for the Middle Fork - w/packs. Apparently, they saw 5 wolves and (one) an elk kill 1/2 mi. below T.R. I also sent the email timesheet up to Lyane... Troy & Hattie.

April 27, Tuesday

We all resumed effort on cabin - floor laying completed... by days end. I continued preparing for cinder block room. The wind really picked up this afternoon - dust flying around the construction site. Janet cleaned the construction site today too, and made us lunch & dinner. Gloria's Chinook arrived late afternoon... coming from Wilson Cr. Chinook has sore feet.

April 28, Weds.

What a busy day! We all spent most of it moving the remaining logs and putting them in position - all went well. It was a blustery day which led to a "flying" event" late afternoon. Walt (206) was bringing in Jim Morris and Katie Gillies for the bat workshop. First, he had to set down @ Big Cr. due to a snow squall, then while making his final approach @ T.R. he lost power -- took off again and headed downstream, eventually making it safely to the Flying B. Wow! were we happy to hear that they landed OK... I was preparing to ride downstream

We canceled our request for a life flight call when Carol told us they had landed at ^{the B.} who knows what. Gloria baked cookies this afternoon, Janet made an excellent stroganoff too. We all ate, drank, relaxed after a high stress day. Our flight from Moscow had to cancel... they'll try for tomorrow.

Thurs. April, 29

A busy flying morning. Ray came in with Katie Billis and Jim Morris, along with the "bat food." Doug G. came in next with Richard Rader and Garry Chin. We toured the construction site, then went over the work schedule. It was a good meeting. I shooed 1 front, 1 rear on Star, Penny front, Daisy front. Hati and I then moved stock to N. pasture - 4 in, 2 out. The cabin crew began putting on the railing after RR & LC left. Janet put together fixings for barbecue. Holly, Katie, Jim M. went downstream and checked out wolf killed elk. My back & gout bothersome today. Katie set up the 'bat capture gear by the lab - no luck.

Found out Arnolds 206 governor on the prop had malfunctioned. Unsure whether the plane could continue to fly after Taylor Ranch, Walt told Katie to pass up a sleeping bag for Jim to use as an airbag on a crash landing!

April 30, Friday

Made arrangements to fly out this evening. I spent most of the day preparing presentations to give while we are out. Tomorrow I'll be in Portland for Dad's 85th birthday... then his heart surgery on Monday. The Pederson crew finished their work today - it all looks very nice! Holly, Katie, Jim did bat workshop planning. Janet P. worked on T.R. data base. Troy made our new bathroom cabinet. Hati was busy with grounds work.

May 1, Saturday

Jeff Pederson & Brian flew out with 4 plane loads of cabin construction equipment. Janet spent the day cleaning the lab. Katie, Jim, and I got food, campgear, & mantles, and course syllabus set up for the bat workshop. Hati worked on his Sheepeater poster. Computer server problems; no internet or email!

^{Yesterday} We all went to Big Creek @ Rush Cr to try the Anabat detectors there in pm. We heard at least 3 species and the bats were very active over the water and around the riparian, with the warm weather. Goose pair at the island. Katie, Janet, & I "camped out" on the deck of the new Devlieg Cabin.

May 2, Sunday

Bat workshop participants flew in from Salmon (Beth Waterbury, Laurie Manauska-Brown, Scott Bailey) and McCall (Joel Sauder, Angela Sondenga, Carrie Chalcraft) and yesterday from Cascade (Sam Sisney). ^{Janet, Pope, flew out,} Katie explained how to work the Anabat & recorder and use of sonograms for bat ^{species} ID. In the evening we set up mist nets (7) near the mouth of Rush Creek. We heard & Jim Morris recorded many bats with everyone's Anabats. We caught one silver haired bat, but did not attach the cyclume light marker since this juv. bat was over stressed and went into torpor. (Jim's backcountry radio order for "eyelash glue" for the ^{light} markers probably instigated some backcountry gossip!)

The batworkshop is sponsored by the DeVlieg Foundation travel grant (travel/food/lodging for instructors Katie & Jim, and UI student Sam).

Participants were IDFG Nongame biologists, except Angela is a biologist with NezPerce Tribe.

Monday, May 3

The Bat Workshop crew packed up gear, saddled mules, and hiked to Cabin Creek. Hattie & I packed the mules/horses and rode to Cabin Creek. We hiked to Cave Cr Cave after setting up camp; then discussed protocol for bat emergence surveys. We met up with Ed Bottum & Michele Beucler and their friends Mark & Chris - they camped with us and participated. In the evening we set up mist nets (6) at Bufo-Moose pond at Cabin Creek. Cool evening temp so no bats at mist nets, ~ 12-18 bats at Cave Creek Cave; 2 mallards flew THROUGH the mist nets at 10:30 pm! Sora rail, snipe, ruffed grouse heard at night; no golden eagles @ nest site. Jim spent the day with his Dad at the hospital for Dad's 4-way bypass heart surgery and evaluated 20 high schoolers applications for a Ford Scholarship program.

Tuesday May 4

Bat crew packed gear & mules and headed back to Taylor Ranch. In the afternoon we went over the analysis software (Analog, Analyze) and statistical parameters of calls. Jim Morris described the probability statistics he is developing for bat species ID. Sorting

through files and selecting reference calls for ID is time consuming and requires some expertise. We didn't survey for bats in the evening since we had "lectures" until 10pm!

Richard Rader flew in from Moscow to work on Dellieg Cabin roof rafters with Troy. They erected a scaffold today.

I stayed up until 2AM reviewing and editing Hafi's poster and Sheepeater report, trying to get the computer internet connection to work (uninstalled and reinstalled Norton...), and packing/planning for the ISU trip tomorrow. Finished temporary computer fix at 6AM.

ISU Trip -

We had a good trip to ISU - very positive reception by faculty & grad students. Also enjoyed Wayne Minshall's retirement party & past graduate students we knew from Taylor Ranch. We discussed several new research programs & projects ideas for Taylor Ranch. Jim also visited Shoshone-Bannock Museum at Fort Hall and confirmed that Dave Lewis' "parade gloves" were similar to others made ^{by Lewis} by Shoshone during the late 1800s.

MAY 5, WEDNESDAY

JIM IS STILL OUT? THE DAT CREW FLEW OUT? HOLLY FLEW OUT TO GIVE PRESENTATIONS AT IDAHO STATE UNIVERSITY. SHE IS MEETING JIM IN CASCADIE.

RICHARD THE WORKER IS IN WORKING ON THE ROOF. THEY HAVE MANAGED TO PUT UP THE SCAFOLD TO WORK ON. SINCE CHRIS DID NOT MANAGE TO COME IN I HAD TO HELP WITH THE BUILDING TO THE WORK GOING BEFORE RICHARD LEAVES ON FRIDAYS. I ROUNDED UP THE DAY WITH WORKING ON MY POSTER FOR THE LAB DISPLAY ON THE TUKUDIKA.

MAY 6, THURSDAY

THE GROUND IS RATHER DRY FOR THIS TIME OF THE YEAR. I STARTED THE IRRIGATION ON THE MAIN PASTURE, AND THE UPPER PASTURE. HELPED WITH THE CONSTRUCTION. THE ROOF LOOKS RATHER HIGH. SO MY HEIGHT REALLY WAS OF HELP IN PUTTING UP THE BEAMS. THE MULCHES HAVE NOT BEEN SET IN SIGHT.

MAY 7, FRIDAY.

WORKED ON THE IRRIGATION TO GET A BETTER WATER FLOW. HELPED ON THE CONSTRUCTION PUTTING UP THE BEAMS. FOREST SERVICE TRAIL CREW CAME B.Y. THEY WOULD BE WORKING FROM THE MIDDLE FOLIE COMING UP STREAM. THEY SAID THEY WOULD COME BY MONDAY OR TUESDAY. DOUG FLEW IN

TO GET RICHARD. HE FLEW IN WITH LUMBER HARVESTED FROM THE U O F I EXPERIMENTAL FOREST. WORKED ON THE YARD. AFTER MOWING IT IS LOOKING BETTER.

WORKED ON MY TUKUDIKA POSTER I SEEM TO BE HAVING ISSUES WITH THE COLOUR COMBINATION.

MAY 8, Sat.

TODAY IS RATHER A VERY WINDY DAY TROY WENT DOWN TO THE MIDDLE FOLK. HE WILL BE BACK THE NEXT DAY. I WORKED ON MY TUKUDIKA PROJECT FOR THE LAB. I ALSO WORKED ON THE IRRIGATION. WE JUST PRAY THAT WE HAVE RAIN TO SAVE THE HAY.

MAY 9, Sunday

TODAY IS MOTHERS DAY. I PRAY MY MOM IS DOING WELL. IT HAS BEEN ANOTHER WINDY DAY. TROY CAME BACK FROM THE MIDDLE-FOLK. HE DID NOT SEE MUCH OF INTEREST. I WENT TO THE SAGE BRUSH FLATS WITH MICA TO SHOOT MY BOW. IT LOOKS LIKE I AM DONE WITH MY LAB DISPLAY POSTER. TALKED TO JIM ANDERSON HIS FATHER IS NOT DOING TO GOOD. HE IS STILL IN HOSPITAL

MAY 10, Monday
 WE FINALLY HAD RAIN. THE GROUND
 NEEDED IT. TROY WORKED ON INSTALLING
 THE DUPLEX TOILET. HAI WORKED ON
 THE IRRIGATION DITCHES. THE FOREST
 SERVICE CREW CAME BY. THEY MENTIONED
 THE TRAILS ARE BETTER THAN THEY THOUGHT
 ED BOTTOM, MICHAEL, MARK, AND CHRIS
 CAME IN FROM CABIN CREEK. THEY WERE
 RESEARCHING ON PLANTS. JIM & HOLLY COULD
 NOT FLY IN BECAUSE OF BAD WEATHER.

MAY 11, Tuesday
 IT HAS BEEN RAINING AGAIN. THIS IS
 A GOOD THING. TROY WORKED ON
 THE DUPLEX TOILET. HAI WORKED ON
 CLEANING THE LBS AND ARROWS CABIN
 SINCE HE IS LEAVING. JIM & HOLLY ARE
 STILL OUT DUE TO BAD WEATHER.
 ED BOTTOM CLIMBED TO THE THIRD
 BENCH. THE MULES ARE LOOKING IN
 GOOD SHAPE. I RELEASED THEM IN THE
 LOWER PASTURE.

MAY 12, Weds.
 NO FLIGHTS TODAY. THE WEATHER HAD
 NOT BEEN VERY GOOD. HAI HELPED
 TROY WITH THE TOILET IN THE
 DUPLEX. IT LOOKS LIKE IT WILL
 WORK WELL. HAI WORKED ON THE
 IRRIGATION TO GET MORE WATER
 FLOW INTO THE PASTURE. ED BOTTOM
 HIS WIFE AND TWO FRIENDS ARE
 STILL IN SINCE THEY COULD NOT FLY
 OUT.

May 13, Thurs.

We finally were able to fly in! I think this 3 day delay is one of the longest ever for May. We had a good trip out and successful meeting(s) at ISU last week. We gave 3 talks: Our 4 decades of Cougar Research, the Cougar/wolf Kill comparison talk, and the T.R. field station description talk. We also visited 8-10 faculty I on 1, and met with those "most interested" to discuss ways to collaborate. A multi-instructor internship was determined to be a focal area. On Monday we gave the same 3 talks to the Krassel District, USFS in McCall. After putting stuff away, I "broadcasted" 200#s of fertilizer in the main pasture, Troy worked on the building. Holly continued adding to the "ISU trip minutes." Earlier today Hetti flew out, as did friends Ed Bottom, Michele Buedler (Bottom), Chris Murphy & Mark. It took 2 flights via 206 with Walt.

May 14, Friday

Holly & Troy did some building preparation prior to the McCall High group coming in. Rick Ferrelly flew in @ 10 am. After unloading we hiked up to Lobauer Basin to meet the 10 High Schooler's, Del Ferrelly, Mary Fawrot, and Kathy Dienhardt-Hill. I gave a telemetry talk (& participation exercise) and told the Lobauer-Estep story. Mary F. did aquatic insect sampling with

27

Holly talked about fire recovery. the class in Pioneer Cr. They also saw Steelhead - 4 redds, 3 pairs off the end (west-end) of the airstrip. Had a barbecue (actually, had pizza @ the pit). We gave a predation project talk and went over the skull collection. Got the class situated w/ cots - beds in the lab. Also, earlier today Holly had a conference call with Dean ^{Holly} Tharsen and Katy Kavanaugh regarding NEON planning. She also sent out our ISU trip summary... to both UI and ISU faculty. Troy spent the day on the D₁ Cabin. The goose pair has 6 goslings on the airstrip edge.

May 15, Saturday Holly showed students ^{how to use} the Anabat detector. Spent the first part of ^{the} morning with the kids and adults plucking rocks off the airstrip. Then we hiked down to the house pits and 1st came w/ paintings. I gave the Sheepeater talk... then the planes came in - an Islander, 206, and Ricks 182 to haul the McCall people out. The rest of day relaxing - planted onions/potatoes before the rain began. Troy built a very nice, pole & planed board vanity for the D₁ Cabin bathroom - 1 of 2.

May 16, Sunday
Attempted to take the day off. Checked the 2 lower pasture water table holes - no H₂O, even after 2" of rain that has fallen. Saw FS packer Patrick Brown go by mid day. Then at 4 pm Caleb, Kevin, Steve stopped in from the Flying B, with 4 head of stock, ^{2 dogs too}. They spent the night here, had spaghetti feed!

May 17, Monday

Finally, a dry day! Just before noon Doug Badwa flew in with UI carpenters Steve and Allen. We visited about the project and got them settled in. Troy, Steve, and Allen got the remaining rafters in place before the rain started again. We sent out several bags of garbage with Doug and Holly did major cleaning in the duplex and Arlows. I sent several emails, dug a compost hole for the lab, and wrote up job orientation list for Cody. In the evening I visited with Glenn Robinson about electrical work on the DeVlieg Cabin, he seems to have all the needed certificates and log cabin experiences.

May 18, Tuesday

Work on the building progressed, until the afternoon rains hit again. Troy and I set the foundation forms in the basement pit. Holly emailed pictured³, spreadsheets, and lodging bills to the bat workshop participants. Steve and Allen brought their dinners over, while we watched the NBA playoffs. No flight from Cascade this evening.

May 19, Weds.

A break in the weather! Quite a lot accomplished on the cabin. ^{Gable ends framed} We did mail day preparations - ^{pre-mail plane} items for Lynne K. I visited again with Glenn Robinson on electrical matter. Holly's sister - Siri Dharma's Ravi, Tej & Siri Anand, and Cody McKee flew in with the mail. ^{Wa 14 made} 2 trips. Also today He I drafted a document to the Dean and

Dick B. about our positions... & changes... sent via email. Cody & I poured cement in the basement ... done @ 7:30 pm
 May 20, Thurs.

Finally a break in the weather during most of the work day! The carpenters had a productive day. Jim oriented Cody on Taylor Ranch facilities. Cody cleaned out irrigation ditches and Jim emailed on electricians ^{Nathan Berg} & cabin construction issues. I enjoyed the day with Siri Dharma, Ravitej, and Siri Anand - we did a "hike" to Rush Creek and visited in between rain showers. Had a ranch BBQ. I sent lodging & meal bills to bat workshop participants and emailed last years wolf locations to N Perce Tribe for trapping.

May 21, Friday

Vaccinated the mules - west Nile virus, tetanus, E-W flu, rhino. Jim & Cody repaired the electric fence across from the airstrip, then they cleaned out & organized the storage shed & E corral shed. Khalsa's & Jim & I hiked/rode 2 mules down to the Sheepeater Flat and looked at Indian sites and the wolf kills. Jim emailed John Seidensticker about writing up the long term cougar work and Pat/Jim Peek about next week's class. I sent the telephone bill info to Lynne and sent bat data worksheet templates to bat workshop participants.

May 22, Saturday

We got a load of fertilizer & plywood in.
 A lot of rain overnight. The carpenters took the day off and hiked to the Gorge. We visited with the Khalsa's until Walt was able to fly in mid afternoon. After waiting for the weather to improve, Walt flew out the Khalsa's @ 4 pm. Cody worked most of the day doing fence repair and spreading 9 bags of fertilizer.

May 23 Sunday

I mostly took the day off - caught up on the mail and old Newsweeks.

I did cook a tuna casserole for the crew, as Steve & Allen are out of food and Troy is running low. Jim worked on the watersystem and shooed Shilo.

Yesterday he emailed back & forth with Dick, Glen, Popes on Devlieg Cabin electrical planning. I sent class photos email to

Debbie F & Mary F. - McCall High School.

Cody worked on shop cleaning today. Carpenters worked on darmer and cleaned up the lab - moved to Dave Lewis cabin in the Am.

May 24 Monday

Doug Gadwa was able to fly in from Moscow - brought Chris McDaniel in to help on the cabin and flew Alan out.

Carpenters worked on "lookouts" - edge of roof overhang. Pat Peek & gear flew in with Walt; Jim Peek & class hiked down from Cabin Cr. Cody did final check of cabins & changed propane before class arrived.

Jim corresponded about Glenn Robinson as our electrician; filled out Clem's USFS Wilderness Use forms for our student researchers and emailed + printed/mailed time sheets for Troy & Hati & Cody. I cleaned the house, did UI laundry - sheets, baked a

cake for Science Dean Judy Parrish's visit. Judy had planned to fly her plane to Taylor, but the weather in McCall was rainy/foggy.

I called UI and McCall Mountain Canyon Flying to track down why Judy & Lori McNichols did not show up. We act as "first responders"

if an airplane is missing, so we are always aware of potential problems - and make sure our pilots keep in contact with us. Hati's poster on the Tukudika (Sheepeater Indians) arrived today and Jim put it up in the lab. We were ^{all} invited to a sausage BBQ with the Enrichment Class and enjoyed the camaraderie. Jim & I told our stories of forest fires at Taylor Ranch and the Flying B. to the class in the evening. I emailed to Alistair of ForestPARC about our NEON planning @ UI.

Tuesday May 25

Jim spent most of the day giving the Enrichment class a history tour to the Big Creek Gorge with stops to talk about the Sheepeater Indians. We talked to Janet Pope 40 minutes on the phone about the DeVlieg Cabin construction & schedule. I spent 5 hours working on receipt accounting & 7 times emailing with Lynne - mostly about grocery receipts, bat workshop billing, etc. At this point I am fed up with the large amount of time I spend on budget issues when we are already donating considerable overtime to UI. Resent bat bill to Angela, as the ^{last} email was returned due to a full mailbox. Sent Carrie mule riding photos of her at the bat workshop. I reviewed the AIBS web link on NEON and forwarded it to the ISU faculty along with an invitation to join us in planning/writing a prospectus for TRFS as a NSF NEON ecological research site. Also sent Dave D. info on new NSF interest in Natural History Museum Collection research

Steve, Tray, & Chris continued putting up the lookouts on the roof edge and started laying sheeting over the roof. Cody fertilized the hayfields and worked on small jobs. Jim & I were invited to dinner with the class. Then Jim cooked dinner foods for the construction crew who were working late.



Thursday, May 27

Weather not cooperative for flying. Cody, Chris, & I used the pump in the waterbox to remove thick sediment layer clogging the screen over the water pipe. By noon Walt flew in with Sarah Malick and Troy Hinck. Jim, Troy^R, Chris, Steve & Sadie dog flew out. Jim drove to Portland to help his Dad with healthcare after pacemaker surgery. The rest went to Moscow. Troy^H will do his undergrad research on elk calf survival in summer and Sarah will study the marmots of Big Creek - distribution, abundance, changes since 1970s. I met with them each shortly then we got together in the evening. Cody piled manure in the corral and completed other chores from Jim. I sent many emails coordinating/informing on summer cabin construction schedule done by Richard R. Long phone call with Janet Pope on her concerns about construction and completion date for Grand Opening during DeVlieg Fnd Meeting. Peek's class to top of Cliff Cr.

Wednesday May 26

Jim & I did our 4-Decades of cougar research PowerPoint for Peek's class and discussed predator-prey system on Big Creek, 9Am-12noon. Email coordinated travel plans with airtservices, and Cal Henry for picking up his horse Shilo next week. Jim, Troy, ^RChris, & Steve could not get out today due to rainy weather - mostly @ Cascade.

Friday May 28

It was flyable here most of the day, but not in Cascade. The Enrichment class did not get out as scheduled. I gave a few impromptu demonstrations of wildlife toys - Anabat bat detector, remote camera, radiotelemetry & collars. - while we waited for the planes. In the evening we BBQed moose burgers I provided and elk steak from Troy. Fun last night with the class. Evening entertainment was reading maps in Dave Lewis' 1898 Encyclopaedias (Alaska's uncharted territory)! I communicated on ISU-UT collaboration meeting, ^{NSF}NEON, cabin construction scheduling for next week, and Root Ranch/Flying B visitors next week. I measured water in the airstrip sludge site monitoring hole: 24.5". Cody finished chores on Jim's list and fixed the water pump - a stick stuck inside; and fixed the oil leak in new chain saw (surplus-used). I measured new chimney pipe and sent specs to Richard.

Saturday, May 29

The weather broke this morning and the enrichment class had a good flight out. We received 4 surplus dressers on the Islander and 4 propane + 30 gallons unleaded gas for generators & backhoe on the Cessna 206. Cody & Troy hauled the dressers to cabins via backhoe. I spent 4 hours looking at Forest Service publications web sites - I ordered 12 copies of Steele's central Idaho forest habitat types (plant communities) keys to use this summer for student training. Also read & ordered a pub. on monitoring forest tree cavity-nesting birds and several other documents. Sarah came over to discuss her project plans and I showed her how to plot and read UTM's on quadrangle maps. We set up her GPS unit. Cody & I set up the tent at the old cookhouse platform. It had shrunk 12", so poles will need to be cut to length for better fit.

Sunday May 30

We caught up the mules early for an all day mule/horse ride up Goat Creek to the ridge. Trained students on saddling and mountain riding. Troy, Sarah, Cody, & I went with Shilo, Cricket, Rocky, & Penny. + Mica. Penny had the sweating & muscle cramps symptoms on the way up Goat Cr, but stabilized with rest & cold water bath - only ~50°. We saw 2

rams at the salt lick and found the ^{horn} sheath from a 7 year old ram above Goat Basin. A wolf had carried the horn, but despite an intensive search we could not locate the carcass - from last winter. Near the top of Cougar-Goat ridge Cody spotted a wolf running from us. We saw several cow elk scattered in Cougar & Big Cr. - no calves. I corresponded with Jim Peek & interns & Jim A.

Monday, May 31

A busy day @ TR, with planes coming in from west & east. First, Cinnamon Robinson flew in with her parents Glenn & Lisa via Middle FK. Aviation. Glenn came in to evaluate the new cabin wiring. I flew in from the west with Anna Pierce & Greg Hanson (other 2 interns). I also got to meet their parents. Once @ TR Holly and I worked with Glenn to make improvements to the electrical plan. They left @ 2 pm. The interns got situated and we gave the interns a tour. Celebrated Cody's birthday with a big cake. Judy Parrish, WI Dean of Science flew in her plane with Lori McNichol - 1st flight to TR

Tuesday, June 1

Holly spent all day re-installing the Direcpc program on our computer - lots of calls, hassles, frustrations. I mostly worked with the interns and Cody moving Manure out of the corral with the backhoe and team and dump ^{-onto airstrip-} cart. John Lea, F.S. trail crew stopped by for afternoon visit. I had a phone visit with Janet Pope regarding cabin schedule and progress.

Weds. June 2

Walt flew in fairly early with the mail. Holly took the interns + Troy H. and Sarah M. on a plant identification hike. Most of the day was spent ^(hauling) scattering the big pile of manure from the corral. Most dry/rocky/ bare places on the airstrip have been covered now, also scattered grass seed. Sent incinerator toilet in for. to L. China. Holly also mailed Larry C. about the hotwater heater and J. Peck about schedule conflicts.

Thurs. June 3

Saddled all the stock and used them for packing hardwood - firewood from the N. pasture to old cabin. I used this job for demonstration ^(packing) and training for the interns. Holly did many correspondences - Nadreau (IDB) on elk-flying \$, Dick B. on bldg. scheduling, job recommendation for Tyler Morrison, etc. The Root Ranch crew (Cal, Caleb, Steve, Richie, members: Hank & Dan) pulled in about 4 pm. Had a barbecue after they got settled in. Cal, Hank, and Dan all bought D. Lewis books. These members were also very complimentary of our fire fighting efforts @ "the B" in 2000.

Friday, June 4

The Root Ranch crew left early, after we fixed them breakfast. Holly trained the interns on GPS work, and they documented the Minshell sites and photo-points. I did saddle repairs - 1 riding, 1 pack saddle. Cody installed a "drag-bar" on the cart. Did the usual e-mail correspondences and sent up IIT time (C.M., Troy, Cody). Patrick Brown (FS packer) and a reporter (Esquire Mag.) named Chris McDougal stopped by to visit about Big Cr. history, and packing. Chris is doing an article about Patrick. We also had the D'Antonios: Mike, Jeanine, baby "Camus" stop by. Since we had so many "late day" visitors we ended up hosting a barbecue. Sold Chris a Dave Lewis book, also xeroxed him several tid-bits on packing history from our library.

(12)

Saturday, June 5

The D'Antonios stayed in the cook tent last night, they came up early for coffee prior to heading down to the Middle Fk. for an overnight. Cody worked a '1/2 day then he, Greg, Anna, and Cinnamon headed down to Waterfall Cr. for the night. I did some yard work, Holly put in her garden. Mid-afternoon a rider showed up. His name is Mick Thompson and he is riding from OR. to Maine - already been out a year. One of his horses has an abscess on the whippers. Gave him some penicillin for the horse. Let Mick stay in the wall tent and put his stock in the corral over night. He really enjoyed the dinner that Holly cooked, and we enjoyed his many stories already accumulated on his trip.

Sunday, June 6

(1)

shoeing

After breakfast we rode downstream a couple miles with Mick to show him the Sheep Eater sites, he really enjoyed the "history tour." He then headed off east (we had him set up with maps to get to Salmon). Also this morning RP Musserman stopped by to visit, mostly about Wighorus and FNAWS activities. He is now a board of Directors member on the National level. We did some shoeing (unshoeing/trimming) on Daisy - front & rear, also treated Penny for thrush. This seems to be a bad year for thrush. The busy visiting continued, soon Heidi from the FS (Big Cr. Wilder. Ranger) showed up to talk. Then the D'Antonio's and student crew returned ^(including Sarah from upstream). We had an evening potluck and the 3 folks with Wild. Ranger experience; Mike, Teanin, ^(Canadian) and Heidi talked to the interns about their job experience... and careers. I became sick w/ stomach flu and had to bail out (to bed) early.

Monday, June 7

Holly spent the morning on plant ID with interns. Doug G. came in twice today with the carpentry ^{+ gear} crew - Mike, Brian, Larry and Troy R. Got Cody lined out on lower pasture fence, Greg and Cinnamon helped him. Anna went with W. Ranger Heidi up to the Cliff Cr. ^{actually Cougar} outfitting camp. The trail crew worked on the Rush Pt. bypass trail and sign near the big bridge. Holly and I visited w/ Sarah on her marmot trip, set up her next "field hitch" to Big Cr.

Tuesday, June 8

A warmer day today. Anna went with Wild. Ranger Heidi downstream to Goat Cr./Goat Basin checking on campsites. Greg and Cinnamon went upstream with Holly documenting (GPS) Lewis woodpecker nest/activity sites. Patrick ^(gave him Lewis book, no pag) Brown stopped in to meet the trail crew, he demonstrated packing by packing up the trail crew gear... w/ Cody & Anna watching/helping. I corresponded with Doug G. regarding today's flight w/ Richard & ~~Tray~~ R. from Moscow, they finally were able to come in about 5 pm, still a bit windy here. Holly not feeling well today, my stomach still off too. The carpenters worked most of day - in spite of I sent 13 emails in pm: accounting's visitors; web page; donors; airservices; order FS publications. ^{Tain} ^{wind}

Wednesday, June 9

A busy day of people coming/going. The mail plane came in with Zach Lifton (Geology ms. student) and then it took Sarah and Greg to Big Creek for marmot surveys. Kate Lambert flew from Cascade to Cold Mtns to join Tray Hinck on calf elk work there. Jim trained interns on packing in AM, ^{made} ^{custom} mule shoes. Then Anna worked on interpretive displays with Jim - ① phones & lookouts and ② skull labels ③ Idaho Primitive Area. Cody & Cinnamon greased the mowing machine. I wrote up the phone bill & sent receipts to Lynne. Wrote a thank you to Jim Morris for the Revereway ^{ware} pans (8) he donated to TRFS. Accounting emails to Lynne. Construction crew working on fascia and sheathing between rain showers. I downloaded photos and changed to email size.

Thursday, June 10

Jim shod Daisy & Rocky. Anna & Cinnamon finished printing & mounting lab displays in Am. They helped Cody cement the cinder blocks under the DeVlieg Cabin. I corresponded via email - mostly billing, budgets, accounting with Lynne Kittner; sent recent email photos from last few weeks; ordered publications; answered Bernardo's questions and advised him on FS approval for his project. Jim took photos of the cabin status, and we discussed woodstore placement, electricity, and plumbing changes with Richard. Troy stayed for dinner. Everyone⁽⁸⁾ filed thru our livingroom to send emails in the evening. Students up for brownies.

Friday, June 11

Another busy day @ T.R. Holly took Anna and Cinnamon on a ride downstream - Goat Basin, then back through the pass to Coyote Cr. Cody and I filled the cinder block^{wall} void with \pm 6 bags of concrete. I also visited with Richard & Troy about up-coming ^{D. Cabin} project tasks. Doug G. flew in with a few sheets of roofing metal and Jory Shelton. Jory brought us a new computer, which he set up, and a new wireless antennae. The wireless ~~seems~~ ^{should} allow internet connection at the lab and DeVlieg cabin. Doug did a shuttle to / from Cabin Cr. in order to take back out Richard R., Jory, Troy and Sadie-dog. Couldn't set up the new computer - lacking the correct cable for satellite phone initiation of satellite internet.

Saturday, June 12

Cody did a lot of yard work today, helped the carpenters a little too. Holly, Anna, Cinnamon and I took stock (all 5) up to the stone camp. Had to saw several small-medium trees along Pioneer cr. It sounds like both research intern "pairs" are camped at Cabin cr. tonight. Wireless internet does not work at other cabins due to interference of riparian vegetation.

Sunday, June 13

A day off today. Cody liked to Rush Pt., saw a couple rattlesnakes - one @ the lookout. Sarah and Greg pulled in after lunch, then Troy and Kate got in shortly thereafter. Holly did a major cleaning - bookshelf clearing effort. Shot bows, for training, with the entire student crew. The carpenters took half the day off to hike-fish down to the Gorge.

Monday, June 14

It was a mixed bag of activities today - wood pecker surveying, mowing machine ^(many minor fix's) repair, and airstrip mowing, and cinder block construction. Holly did many billing related emails and letters to Lynne H. The mules - Rocky & Daisy did well with the mower. The roofing crew working a lot of hours but it's going slow. Troy & Kate saw new calves in elk herd in Cliff cr.

Tuesday, June 15

Holly converted many digital photos into email size. I did a lot of yard work plus lined out Cody & Anna doing more (hedges, weedeater work). Zack helped Cody with some-

shoing

tasks. Trimmed and shod Punny's front. Holly emailed Ed K., J. Pope, F&G, and did trip coordination. Got ready to go on a 3 day pack trip tomorrow. Had a potluck dinner with the carpenter's & TR crew. Also today we used Rocky & Cricket to take the airstrip, then picked up the loose hay with the backhoe & cart.

Wednesday June 16

Jim & Interns loaded gear and saddled mules for their trip, then headed to Golden Meadow with 3 riding animals, a packed riding saddle and a pack mule. They will look for wolf sign & evidence of denning. Doug Gadwa picked up the roof crew - Mike, Larry, & Brian. Cody worked on Lab gate structure & fence repairs. Sarah watched marmots 8 hours from the Knob E of the Lab. Troy downloaded photos to a CD & put CD program and Norton Antivirus software on the Lab laptop, then he & Kate backpacked to Cabin Creek. Wheat Thin raided the Dave Lewis cabin compost hole and walked by the Sauna Cabin as Kate was packing her gear there. Troy got a telemetry signal & some pictures. I spent most of the day at the computer - coordinating with FS & RRT faculty on Bernardo's research proposal, scheduling visits by Chuck Peterson & Dave Delehanty KU, and Lauren Fins UI and Mary Faurot FS, and Scott Acker - septic issues, Tony & Ed Krue. Wrote Steve Daley Laursen about job issues, summer activities and

#Hlubetz

airstrip policy. We heard from the Root Ranch Crew when they were here, that some pilots planned to fly some state legislators to TRFS & convince them to allow our airstrip to be open to the public. I told Steve about this potential "visit" this weekend. Then Ed Krumpke said Bill McLaughlin had a meeting ^{last week} with Idaho Aeronautics and Idaho tourism group and the TR airstrip subject came up - Bill clarified our policy including no hunting and that quelled some of the agitation. We will be prepared if the pilots visit. I also did the last monitoring hole water depth measurement and sent Scott Acker a chart of our data from March thru June: maximum water level at the airstrip site 35" below ground level; no water in lower pasture test holes 65" deep. I listened to bird song recordings in the evening - trying to learn more of our local bird songs. Zach flew out for a week on the mail plane.

Thursday, June 17

I finally took the bathtub moulding off and checked for dead mice under the bathtub. No wonder the bathroom has been smelling so bad - I pulled out 13 dead mouse carcasses, a big nest and several cups of D-con mixed with bird seed! A nasty job! Mice got the birdseed outside, the D-con in the basement, then nested under the bathtub! Still can't find the access point into the foundation. Watered lawn & gardens. Emailed back & forth with Clem and RRT Dept about getting FS approval for Bernardo's

It is a gap between the floor and wall under the tub from the basement.

proposal. Sent cabin update and photos to DeVlieg Cabin group and roofers. Coordinated meetings & visits in Moscow next week. Cody spent the day pouring cement into the cinder blocks of DeVlieg plumbing room, & filled water in hydro batteries. Sarah headed to Soft Boil Bar, so just Cody & me here at Taylor Ranch.

Friday June 18

Checked out computer wireless internet signal at all cabins - poor signal inside, some are good signal outside (Lab, DeVlieg, Dave Lewis). Some email correspondence. Made cinnamon rolls. Looked at website information. Cody's family arrived in am (Rod, Georgia, Kelly, Christy). Jim, Anna, Greg, Cinnamon returned from their pack trip to Golden Mdw. They saw lots of wolf sign near there: 3 sightings of single wolves, howling in day and night (5+ animals), many scats, a wolf bed ... evidently found a new den/rendezvous site! Jim contacted NPT, USFWS, IDFG to get a trapper in. Isaac should be here in a few days to trap. Troy & Kate returned from Cabin Cr - saw 3 calves and a wolf walked by their camp (tracks). In the evening everyone came over to our house and Greg & Anna did their presentations - on ① grizzly bear habitat modelling in Idaho and ② wilderness & science coordination. McKees brought cake,

Saturday, June 19

(1/2) Many mails this morning to Isaac & Curt Mack about upcoming trapping effort. Ray flew in for a (i donuts) visit with Bob Dibrazia and his new wife Susan. Cody spent the day with his family - fishing, etc. We also had thunder/rain this morning, just before Anna & Cinnamon hiked up to Rush Pt. Sarah returned from upstream. We had an "all-ranch" barbecue, then Cody & Cinnamon led reading discussions - on Wolf Plan for Idaho, and Wilderness dependent wild life.

Sunday, June 20

(1/2) The morning started with Cal Henry flying in with food for next Weds. The McKee's used 3 mules to go down to the Gorge. Holly spent the morning reviewing web-site info. and preparing to go out for a week. Ray came in early afternoon, brought in Isaac Babcock and Anastasia, and took Holly out so she could go to Moscow - for web page design training. In the evening Isaac showed his wolf video - outstanding footage from Idaho! Then he demonstrated how to set a trap. Got camp gear together.

Monday, June 21

Got up early and packed for the trip to Golden Meadow vicinity to set out wolf traps. The interns went up above the lambing cliffs to camp and look for ewes/lambs. Troy & Kate went up Pioneer Cr. searching for elk. We arrived at the meadow, on the Cougar Cr. side, at 2:00 pm - 5 hr trip. We set out traps (3) around Golden creek. Visited with the interns via radio. Cody's family flew out this morning.

Tuesday, June 22

Got up early to frost in the little meadow. Saddled stock and went up on the high ridge to set out more traps. The old trail has many poles down across it. Saw a couple "fresher" tracks. I packed up camp @ noon, got back to TR @ 4 pm. - hot trip! Cody did a lot of yard work... weedeating. Greg, Cinnamon, Anna returned early afternoon - no sheep seen, although Troy saw a ewe with lamb on the lower Rush Cr. switch backs.

Weds., June 23

Today's big event was the Root Ranch "lady's trip" stopping in for lunch. Anna & Cinnamon made cake & yellow desert and we roasted hot dogs at "the pits". Walt flew in with the mail... and Rachel (his girlfriend) and Zach Linton returned too. After Cal, Caleb, & crew left, we worked on packing hitches -- tipped up basket & the Diamond Hitch. I emailed Dick B. about the need for contractor involvement to bring the cabins project back on to schedule.

Thurs. June 24

Ray flew in with a box for us, and a box for some backpackers - let him leave it, this time. Set up the bear-bait station with interns & Cody. Made up a data form, Anna did mostly. Cinnamon helped Zach this afternoon. The crew did concrete work under the Devil's Cabin, and did stop cleaning and put a "tongue patch" on the mower.

Put the remote camera up after dinner.

Friday June 25

My birthday (Cinnamon, intern) Jim left with Troy & Kate early this morning to look for elk in a plane. Troy & Kate were dropped off at Cold Meadows while Jim went out of the wilderness for a few days. Cody, Anna, Greg & Cinnamon are the only ones left at the ranch for the next few days. (also Zach)

We checked the bear bait, no sign. Then pulled weeds in north pasture. Later in the afternoon, Anna & I put the last layer on the cellar. That night everyone cooked a big dinner & had pie & cake for my birthday party.

Saturday June 26

Anna and I (Cinnamon) hiked up Cliff Creek to the third bench, after the hat she lost on our last backpacking trip. We saw a herd of elk bedded down on the third bench. At least 15 cows, 1 bull, & 6 calves.

Cody & Greg went fly fishing & as they said ~~they~~ at one hole they had a fish on with every cast. Cody even caught a cutthroat over 20 inches. (?)

The bear bait station was hit last night & needed to be re-baited. The bear got 6 pictures taken of him which may have made him mad & he hit camera. The cameras okay.

Sunday June 27

Cody & I (Cinnamon) biked up to Dave Lewis Peak. It turned out to be a 1 1/2 hour hike, a hint: never go off the trail, it just gets worse. We tried to take a shortcut down off the ridge, took forever. Aaaa & Greg hung out at the ranch.

Isaac & Anna (the trappers) returned today. Tomorrow they are going back to get their traps, Jim & Holly are flying in tomorrow morning. Jim will take the stock up to pack out the traps. The trappers caught two wolves this morning & put collars on both.

Monday, June 28

Ray flew us in early. I saddled stock and headed up to meet Isaac, who left early to pull wolf traps and start packing them down. Anna and Cinnamon went with me and we met up with Isaac at top the ridge. Holly & Cody "escorted" Ray & Carol to "the B" and they all had breakfast. Cody & Greg stayed @ TR. and did some yard, irrigation, and weed pulling work (N. pasture). Had an evening barbecue then we all watched OR. Field Guide & Outdoor Idaho tapes on bears and the FCRRNR Wilderness. Weather was crummy this pm so AA was unable to come in with Pat Peck. Holly put away a lot of supplies today. We met with Sarah to discuss her marmot sampling procedures and modifications.

Tuesday, June 29

First, AA (Walt) came in bringing Pat Peck, dog - Daisy, and many supplies. Then Isaac, Anastasia, and trapping gear flew back out. Next, McCall Aviation (Mike Dorris) came in with ^{Fr.} Archeologists Larry Kingsbury, Gale

Dixon, and "guest" Carolynne Merrill. The interns, P. Peck, archaeo's, and us all hiked down to the "near" and the Gorge pictographs. We found the housepit sites en route down. Carolynne specializes in ^{photographing} pictographs. Cody pulled N. pasture weeds and he worked in the weedeater - to no avail. He also put away shop supplies that we recently purchased. Larry gave a presentation on Shoshone (i Tukulika) wickiup and housepit structures. Had considerable evening rain with thunder. ^{Holly caught up on} many e-mails today.

Weds., June 30

The archeo's & Pat took off upstream this morning. The interns and I followed with the stock. We looked at cultural sites at Lobauer, the Booserock, and Brown's Basin. Jim Peck, Bernardo Alvarez, and Jeff Manning pulled in via stock before noon. Apparently Jeff's horse (an Arabian) is new to this kind of "outing" and had a few "issues." Cody had the corral shed and L. pasture fence ready to go by the time the JP crew arrived. A bear, ^{Wheatthim?} hit the Rush cr. site and swatted the camera a bit. Holly spent much of the day on TR admin. and receipt processing. Had an all-ranch potluck then Larry Kingsbury gave a talk on the Leonhardy excavations from 1984.

Thurs. July 1, '04

McCall Av. (Mike D.) came in early and took out Larry, Gale, and Carolynne. Cody used Rocky to haul cubes to L. Pasture. J. Peck took Holly & the interns to measure & gps veg.

plots N. of Big Cr. (2nd bench, West Knob, and Ram Canyon). Pat Peek and I searched out old Lewis "relics" and photographed - described. Jeff, Cody, and I went to bear observ. site. We pulled the camera battery to charge. Cody inventoried all cabin building supplies and we emailed the info. to Richard Rader. Sent many cabin emails, mostly regarding the electrical plan, and the "dissuading" of the gas (propane) generator idea. A couple of David Pilliods ^{amphibian} crew - Jason & Kathy stopped in. After visiting we let them stay in the wall tent -- another active thunder stormy afternoon!

Friday, July 2

Jeff Manning & I rode horses up Goat Ridge to pick up the wolf catchpole & jab stick, check wolf signals, and work with Jeff's horse. No radiotelemetry signals up Cougar Creek - wolves have moved. Jeff's horse did fine as long as he was in front. Cinnamon, Anna, and Greg worked with Jim Peek on shrub vegetation monitoring sites and GPSed. Jim email coordinated construction issues and payroll time, other administration. Pat Peek flew out and Zack Liffon got dropped off at Von Stadden's Monumental Ranch (Jim got permission for him yesterday). Zack plans to inter tube back to TRFS when he is done with his geology points. Ray flew in 5 propane tanks. Cody did yardwork. Jim made dinner for Jim & Jeff. Students can't get the 2 wireless computers to work - on the internet.

Saturday July 3

(1) Jim & Jeff and Cody & Jim rode/packed to Mile High to do Peek's veg plot there. Greg, Anna, & Cinnamon joined the "Four-Thousand-Feet-to-the-Second-Power-Club" by hiking 4,000' up Horse Mtn and 4,000' up Dave Lewis Peak in the same day! Sarah & Kate hiked to the top of Horse Mtn. Troy stayed home to do laundry; ^{& caught 63 fish in pm.} I spent most of the day on "home chores" - cleaning, garden, bird feeders, ... Also ran virus scans on computers & ordered TRFS supplies online. The interns saw 13 bighorns (rams) on their Horse Mtn trip. Jim A. called from Mile High on the new portable satellite phone we just bought for ourselves.

Sunday, July 4

(1) Cody and I escorted Jim P. and Jeff M. off Mile High and down Coxy Cr., then they headed upstream while we went down. Had a big 4th of July barbecue -- potluck style, finally an afternoon without thunder-showers.

Monday, July 5

Haying began today... not smoothly with several smaller problems with the sickle bar and bar "pitch" assembly. Used Rocky & Daisy to do about 1/2 of the main pasture. Gave Daisy "Buté" and she held up "OK." Visited & e-mailed Janet Pope on new cabin electrical.

Tuesday, July 6

Sarah and Cinnamon headed up stream - Soft-Boil-Bar doing marmot work. We resumed mowing, first finishing the main pasture with Rocky and Daisy, then switching to Rocky & Cricket for the upper segment. Only 1 breakdown - another barguide problem. Also in the morning I put shoes on the rear of Rocky & Daisy - called shoes. Had toothbeer floats after work. Troy and Kate reported on elk topic readings. Had a small-medium all black bear visit the front porch right @ dark.

Weds., July 7

Walt came in with the mail and 2 new propane. Cody spent most of the day trimming the edges of the hayfield with the weed eater. The rest of the crew worked on putting up Joan Labar's drapes in the lab. I made a bracket out of mule shoes, the crew found some good fir poles for Rats. Ann used commercial rods to hang the bedroom drapes. Holly visited Janet (phone) about the solar-electric issues. It was very windy today.

Thurs., July 8

Most of today ⁽⁺⁾ was spent on haying. We used Penay on the rake, which took some pre-training and then "patience". We raked and shocked below the ditch, then picked up 2 wagon loads. We also mowed 1/2 of the airstrip with Rocky & Daisy. The intern crew made us a nice anniversary dinner! We are caring for a litter of rabbits ⁽⁶⁾... orphaned

(very dehydrated, but eyes open)

→ when the mowing machine hit the mother.

Ana & Troy worked some on "eastern curtain rods" for the 1cb. Sarah & Cinnamon returned from upstream, then helped with haying.

Friday, July 9

Morned rest of the airstrip. ^(Rocky, Daisy) Holly & Cinnamon raked above the ditch in main pasture. Hanted in 4 loads of hay. ^(windy pm) Cinnamon had a "run in" with a rattlesnake in between the Taylor Cabin and duplex. Troy dispatched the snake and ^(he) we added it to the barbecue "items." Rabbits being fed every 3 hours (milk-egg mixture) by teams.

Saturday, July 10

(1) It rained during the night so our start today was a bit slow. Still, we pulled in 4 1/2 wagon loads - 2 1/2 off the main pasture and 2 off the airstrip... in the wind.

Heidi (FS) hiked in from Rush Pt. trail, she stayed and had pizza dinner with us. Raked the rest of the airstrip before dark.

Sunday, July 11

Another day of hay hauling - picking up 4 loads off the airstrip, bringing the total for this year to 14 1/2 wagon loads (roughly 12 1/2 tons). Another windy afternoon, but we didn't lose too much "hay to the air". The rabbit family (6) are now eating vegetation and generally doing better.

Monday, July 12

The Islander flew in @ 9:30 am with the roofing crew - Larry, Brian, and Mike. George also brought in some scaffolding and a ladder and longer metal. Anna liked to Cabin Cr. to meet her parents - coming in from Big Cr. They all arrived here early pm. The rest of the crew took time off. Cody's Cimarron went up to Cabin Cr. and fished back ... w/ leaky tubes, so they mostly walked. Troy & Guy went down to the Mid. Flk. Holly & I visited with Kate about prospective DeVlieg Research projects. The roofers finished the east side. Holly spent the day working on computer wireless problem with no success. We had an all ranch BBQ for dinner. A bear showed up at the BBQ pit afterwards and visited most cabins overnight; then went to the Rush Cr bear bait hair snare site and shot up the roll of film in remote camera.

The ^{orphan} bunnies are doing great - they readily lap from tip of syringe full of milk-egg mixture twice a day now; get water via syringe 3 x/day and are starting to eat greens (dandelions, clover, grass). They are going to make it! Arnold's are now charging us \$50.00 per month for flying out garbage.

Tuesday, July 13

Spent a lot today on telemetry exercise. Did the usual email correspondence - L. Kittner on billings, J. Seidensticker on predation project, M. Matthews on mtg w/Dean scheduling. Holly also emailed FSA officials about the "dead squirrel phenomena" @ Cold Meadows that Troy Hinck reports. Expanded irrigation coverage.

Weds., July 14

The mail plane came in with 1/2 a plane load just for here! Anna's folks and Bernardo caught a ride up to Big Creek. The interns, Cody, and I fell a couple trees with the crosscut by our woodshed. Used (demonstrated) the climbing spurs to move some antennae's around. Very hot this p.m. 99°! Holly & Anna & Cinnamon got ready to go on the 'Wolf pup survey. Our friend Greg Bjornstrom kicked in and will spend some days here. 95° and afternoon thunder storm

Thurs., July 15

Ray flew in @ 7:30 (late actually) to talk Troy, Kate, and I on a combination elk locating - wolf telemetry flight. Hardly any elk observed. Dropped Kate & Troy off at Cold Meadows. Holly, Cinnamon, Anna departed with stock up the Cow Creek trail. The remaining crew worked on firewood - falling, bucking, and splitting 2 more trees. Rain/Thunder in the late afternoon.

Friday, July 16 -

More firewood cutting down the airstrip. Broken chainsaw and axe handles made for slow progress - got two trees down. Jim, Greg, & Cody spent afternoon preparing for their trip to Big Creek. "The boys" spent the evening shooting bows and hanging out. Internet problem due to unplugged cable.

Sat., July 17 -

Greg & Zach checked bear bait station before Ray flew in to pick up Greg, Cody, & Jim. Took them to Big Creek where they will hike to Catherine Lake and do sheep lambing surveys. Fixed broken fence in lower pasture & moved water. Two hikers (George Constantz & Nancy Ailes) from West Virginia stopped by and said they know Steve Hollenhorst and were invited here. No approval from Jim or Holly, but we allowed them to stay in the east end of duplex. George is an ecologist who does natural channel stream restoration and Nancy runs a land trust in W. Virginia with interests so close to mine (Zach L.), we had a lot to talk about and I spent a long time discussing my project & ~~waste~~ ^{Idaho} geology. George plans to write a natural history of the Rockies. Greg Bjornstrom, George, Nancy, and myself ate dinner together. That night Nancy came down w/a fever & joint soreness, persisted through the night. Discussed possibility of flying George & Nancy out. I slept @ Arkenson's cabin and fought with a stinky Mica for space.

Sun., July 18

Greg Bjornstrom & I (Zach L.) went to bear bait station & took weather. Moved water on runway & lower pasture. Radiced in the weather & asked about flights out because Nancy was still feeling sick. Agreed that following morning (Mon) would be a good time to deadhead back. Nancy's fever & continued through the afternoon and we tried calling Arnold Aviation for an emergency flight in the evening, but Cascade was socked in. Stanley air service was also ^{having} bad weather. They took their window, though, and flew in

as wind & rain were picking up. Landed hot & high, but made it nonetheless. Nancy & George got off (to either Boise or Hailey) just before a heavy rain set in. Now all that's left is Greg Bjornstrom, construction crew (Mike, Larry, & Brian), and Zach L. Tomorrow two flights are coming in: NMFS & ISU's Paul Link & Glenn Thackray.

Monday July 19

NMFS "Carcass" Crew (Beth Sanderson) of Tom Good, Tim, Tiffany flew in w/AA for 2 days collecting samples of salmon parr, sculpin, aquatic inverts, paraphyton, & algae & water to assess contribution of oceanic nutrients to Big Cr system. Glenn Thackray & Paul Link flew in with MFK Aviation & hiked w/Zach to Cabin Cr to look at Geology.

Anna, Cinnamon, and I have been gone 5 days on a horse/mule packtrip to Black Butte to do a pup count on the Golden Mdw's pack. We rode to Cabin Cr then Cow Cr to our camp. Both radioed yearling wolves were absent from the rendezvous area the whole time we monitored — ♂ @ lower Cabin Cr, ♀ @ upper Cabin Cr. We found a rendezvous site near Golden Mdw's w/adult elk bones, beds, chewed sticks and I located pups on 4th day when travelling to pack howl response a mile away. 2 pups seen/photographed @ 30 meters. No adult wolves around. Calf elk remains near pups @ wolf beds. Lupines fragrant & abundant in 2000 burn lodgepole! Bull moose @ ^{upper} Cougar Cr. 10 sheep (6E, 2L, 1I, 1II) at Sejo Lily Flat by TR: lick soil for minerals — scrawny with loose collars. Thunder & hail in afternoons on top. Wolves

howled near our camp last morning then howled above TR (Cliff Cr) as we arrived home @ 8:30pm! Zack's crew returned in rainstorm @ 10pm. Roof crew finished Delling Cabin roof & clean up.

Tuesday July 20

I spent the day responding to a week of emails. Cinnamon & Anna cleaned up & put away camp gear. NMFS crew flew out in pm. Zack's crew geology profs hiked to Gorge. R

Wednesday July 21

Mail day - Greg Bjornstrom flew to Big Creek and Jim, Greg Hansen, Cody returned from Big Creek after their backpack trip to upper Monumental. Terry & Diana Holubetz & family flew in (Terry's plane-2 flights). Terry, retired IDFG Fish Research Bio will work with interns, Greg, Cinnamon, Anna did presentations on bear denning, Hornocker cougar research, FCRNR EIS. Early afternoon Jim & interns & Bernardo fell & cut up a tree by our yard with crosscut saw. BBQ potluck in pm - 16 of us. Terry talked about anadromous fisheries management, politics, and local high quality habitat. Cody, Greg and I had a fairly successful trip to the Catherine Lakes area, in spite of persistent rain. We counted 21 bighorns: 13 ewes and 8 lambs. We also saw a lot

of wolf scat on the Wick Cr. trail. Tuesday night we had a great dinner @ Big Cr. Lodge... "all we can eat chicken!" A nice break from backpacking food!

Thurs., July 22

The Holubetz crew departed today via rubber raft after Terry got our crew involved with some snorkling. The water was too turbid to see many fish. Spent the rest of the day on assorted tasks... firewood cutting, saddle cinch cleaning, and electric fence "rolling up" - Lower Pasture. Greg and Cody also renovated the N. pasture fence for the Minshall crew... ^(3 draft horses) who pulled in this evening. Got everyone settled in (a total of 8 people this year... Wayne, Judy, Tenney, Jim M., Christina, Jess~~ie~~, Sarah, and Amanda). The Minshall crew is in the old cabin, duplex, and cookhouse tent.

Friday, July 23

Wrote up the phonebill-to-Lynne. The Minshall crew did their sampling in Cliff and Pioneer creeks, Cinnamon and Anna worked with them. Greg and Cody did a lot of firewood sawing on the airstrip. Sent many emails on the cabin, temp hiring, the Taylor mount collection, lambing survey, & squirrel die-off (IDFib). We had an all ranch potluck in the evening - 19 people on hand! Fortunately the weather "eased up" a bit... heavy hail & rain @ 4:30 pm for 1/2 hr. or so.

Jim emailed Dorothy Taylor's daughter Nancy Joset in McCall to see if she was interested in some of Jess' head mounts we have at UI. - she said yes, and has old photos to show/give us!

Sat. July 24

(1/2) I did some shoeing - Star's rear feet and Daisey's front. Holly was showing the interns how to do tree-boring (aging) when Mica began yelping... continuously. We all went to see/help and Holly saw that she was stuck ^(by her head) in a burned River Birch "rootwad." She pulled on Mica, freeing her, but inadvertently pulling her lower canine tooth loose... and an incisor. Holly got a hold of Arnolds and soon a plane ^(Walt + furniture) came in to take out Mica & Holly to see the vet (Bill Barton) in Donnelly. The interns went on to pull Knapweed on the north-side of the Rush CR. hole. Minshall crew sampled Cougar/boat crks.

Sunday, July 25

Mostly a day off today. I did do some fishing after Holly & Mica were flown in via Ray (i 15 gals. incl. gas). Mica seems fairly normal, even went bow shooting with Ginnarum & I. The Minshall crew + Greg & Sarah and Holly did ^{stream} survey work in Rush CR. I repaired a pack saddle breast collar buckle/assembly for Wayne. He & I visited Wayne about the UI/ISU collaboration... and how to get it back "on track." Wheatthin showed up @ the old cabin this p.m. We tracked him over to L. Rush CR., he was good viewing from the sagebrush flat. He looks fairly fat this year - collar might be tight. Holly recorded the stream ecology methods and took photos of the Minshall crew surveying.

Monday, July 26

A bit cooler today, along with an afternoon thunderstorm. Worked with the interns on tree climbing & equipment use (spurs, lanyards, etc.) Visited with Wayne more before he and Amanda departed with the 3 big horses. Holly worked a lot on picture organizing - photos of interns & the summer. Troy photographed a rattlesnake striking his camera (short video). The snake was by the lab (tree climbing site). Many calls & emails made. Anna's Cinnamon made a Birthday cake for Sarah, who liked Lewis Pk. today along with Kate. The Minshall crew pretty much took a day off. Rm'd out the day with cake & ice-cream for 18 people.

Tuesday, July 27

A busy morning of flying - 2 full plane loads of Minshall people & gear out to Challis. Then Walt flew in with Janet Pope & Terry Holubetz, and he flew Troy and Kate to Cold Meadows... for dead squirrel sampling and elk observations. The interns put on snorkeling gear and again tested the cold water @ the mouth of Rush CR. Terry & I did some fishing at the same time/place. Zack & Cody returned from upstream - geology trip. Janet provided King Salmon for a yummy BBQ.

7/26 & 7/27

I met with Christina Relyea to discuss the Aquatic Invertebrate Collection we want for TRFS. We decided a reference teaching collection that students could "play" with along with a key and fact sheet would be most useful for our needs. Jim and I will request \$1,000

from the DeVlieg Foundation to fund the project
 - Christina would put the collection together.
 I also emailed back & forth with Jules
 Mulholland & Phil Mamer, Wildlife Health Lab, IDFG
 on collecting dead squirrels @ Cold Mtns. We
 decided Troy would fly up & collect & send
 out samples ^{for Bubonic} ^{plague} ^{testing}. I made a CD for Wayne
 Minshall of photos (mine & his) of the
 Stream Ecology crew and a few TRFS.
 We discussed developing the ISU-UI
 collaboration. Jim Morris and I met
 for an hour and he showed me the
 statistical analysis he had done on the
 Idaho bat calls using Analeokt and Analyze
 software programs. I made a photo
 CD of the pictograph photos I took
 when the archaeologists were in - and
 mailed it off to Carolynne Merrell, UI.
 Wrote up & sent lodging bills to Minshall &
 Thackray @ ISU with copies to Lynne K.
 Coordinated flight schedules for Launen Fins'
 whitebark pine trip & Jory's computer work.
 Sent reimbursable receipt to Lynne. I
 asked Dick for an answer on our 6-month
 old request for pay equality and title
 change to Directors. Jim emailed
 Mark, Richard R, Dick, Troy R. on cabin
 construction scheduling. Jim
 researched GPS collars again. Last
 weekend he emailed Beth Waterbury IDFG
 to see if he could set up a meeting &
 volunteer work for Cinnamen in Salmon
 in August.

Wednesday

63

July 28

Zach's brother Josh flew in on mail plane.

Jim trained Cinnamon, Greg, Cody, & Bernardo on wildlife immobilization techniques and they all practiced shooting the dark gun (Palmer). Interns check the bear remote camera / DNA sampling site daily and add bait. Wheat Thin or another bear has been there nightly, but some problems with the camera - not firing. They fixed the camera setup. (We have 3 rolls of film developed so far this summer and not 1 good photo of a bear - mostly blurry up-close noses & ears.) Sarah & Anna flew to Big Cr. for marmot vegetation surveys. Yesterday Janet went with Sarah to observe the Lower Pasture Marmot site, but they did not see any - too hot or estivating already? I sent summer student photos to CNR folks & student interns & Clara & Janet. Lots of emails on squirrel samples and cabin construction scheduling; computer question to Jory and thank you for goodies to Diane Holick. Jim set up a site visit with Scott Aker, Secesh Engineering for septic layout next weekend. Janet spent the day making a pdf file of Devlieg Cabin construction activities - to put on the TRFS web site, but we couldn't get WebEdit to upload the file. I made enchilada casserole for putluck at our house in pm. Jim, Janet, & I talked about the Manager position at TR and CNR after receiving an email from Dick B. that our job related concerns would not be resolved soon. 😞 I set up a new PC adapter card so our 3rd TR computer can be online.

Thursday, July 29

Janet worked half of the day on the WebEdit - DeVlieg Cabin update. She visited with Bernardo about his project. The Dean wants to review past TRFS strategic plans - I located hard copies of 2 documents - then Janet, my volunteer administrative assistant, retyped the 6 pages so we could email to Dick Bottger! Dick emailed us that we could get some comp time for excess work hours. I sent enrichment lodging bill out to Lynne & Jim Peek. Jim coordinated scheduling for cabin construction, septic site visit, IDFG - elk project visit. I emailed out photos Jim shoed mules while Cinnamon put linseed oil on dry (South) sides of Lab & Duplex; Cody & Greg worked on firewood, Dave Stewart, geologist, who's worked Big Cr 4 summers & lives in Guatemala rest of the year, - hiked down to visit us. He's been working Monumental & Crooked Cr. We enjoyed geology & backcountry stories from Dave & put him up in the wall tent.

Friday, July 30

I coordinated with Lauren & Doug^G about Lauren's trip & I called 10 faculty to find someone who might want a quick flight and tour at Taylor Ranch - no one answered their phones, but Tim Link called back & will fly in tomorrow. Mail & emails to Dick on DeVlieg Cabin grand opening ceremony, 2000 development plan, archaeology partnership.

Made email size photos again & sent some out. Scheduled conference call with the Dean to discuss NEON planning (Regional). Jim scheduling visitors & flights again: students, Scott Acker, Richard Rader's supplies, Troy Rohwieder, squirrel capture. Janet, Bernardo, & Cinnamon rode to Cabin Creek for fishermen surveys; Janet & Cinnamon will return tonight. Dave S., Zach & Josh doing geology downstream. Greg & Cody re-glazing windows in the lab & odd jobs outside. Jim & Greg checked for Wheat Thin's signal - not close today. Cody, Jim, Greg cleaned the water-box intake, particularly the part in the stream... under the grates. Cody & Greg did most of it manually as the pump got stuck (rock).

Sat., July 31

(1) Day Gadwa flew in mid-morning with Lauren Fins and Tim Link from CNR-faculty. We toured Tim around the place and Lauren got settled in for the White-bark Pine field trip. Had a great "all ranch" barbecue with a full crew, except Sarah and Bernardo. Cody continued work on lab windows - caulking, tightening, etc. and he replaced the window that cracked yesterday. The interns helped and worked on firewood, and getting ready to go tomorrow.

Sunday, Aug. 1st

Got going at 5:30 am to get the pack trip crew (HA, Lauren, Cinna, Anna, Greg) headed to Goat Cr. - Whiskey Sprys. They packed 3, rode 2 and left TR @ 8:20. Sarah returned today.

Scott Acker from Secesh Engineering was flown in via Ray (also en route to Vines Ranch). Scott, Janet P., and I layed out (w/ Jess' old instrument) the drain field and septic location. Had another fine potluck - barbecue with salmon, pork, burgers, etc. Cody also provided bass/crappie loops - yesterday). Scott A. was able to round up "mule packing" books via Mike Schlegel and Stacey Gebhardt (author)... end of season gifts for interns & Cody. Had a light sprinkle and thunderstorm this pm. Holly called - all OK @ Whiskey Springs. Scott & I fished some - pretty good for 10'-12" cutthroat.

Monday, Aug 2

Awoke to thunder this morning, then a fair amount of rain by late morning. Showed & serviced the bait station with Scott. McCall air flew in with 2 Pilliod crew members - Jason & Rob. Visited Scott more on "septic issues." Janet visited with Troy, Kate, & Sarah (photo ^{internet} exchange) until the plane arrived at noon. Cody finished fence/gate repair that he & Zack started yesterday. Did a lot of emails & letters & paper work.

Tues. Aug. 3

Steve Nadeau was flown in mid-morning with AA, to visit us @ Troy's elk study, and then go up to Cabin cr. to see Travis about bear proof equipment. We toured the grounds/ bldgs. then went over to the bear observation site. Once back @ the T. Cabin we spotted the 3 interns coming down the benches... one being carried piggy-back (Cinnamon on Greg). It turned out that Cinnamon sprained her ankle. Later in the day Holly & Lauren returned with the stock via the Boat cr. trail. In the evening we had a ranch-wide BBQ-potluck. Steve N. fielded questions about grizzlies and the Wolf management program. Holly's crew got unpacked. We had a successful trip ^{& measuring} documenting whitebark pines and ^{blister rust.}

Weds. Aug. 4

Saddled stock for trip to Cabin cr., then Doug G. flew in with Jory to solve our wireless computer problem. Holly stayed @ TR and worked on computers with Jory. The interns listened to Lauren's P. Pt. - "Fire, Myth, & Mankind." The mail plane came in taking out Cody & Sarah; & Bernardo - going to Big cr. ^{Greg Bjornstrom flew in.} Troy H., Steve N., and I took stock up to Cabin cr. -- to see Travis. I visited Trav. & Ryan, then headed back to TR after depositing gear - Troy's, Steve's, and mule load of Lauren's left @ the airstrip for Doug... so he could haul more weight from the bigger airstrip. I rode star-fed mules, and made it to TR in 1 1/2 hrs. Lee Sutherland (Alec's brother from Gary Koehler's bobcat project crew 1985) hiked down from Cabin Creek to see Taylor, but no time for me to give him a tour. He lives in Missoula. ^{Jory & Lauren flew out with Doug 4:30pm.}

Thursday August 5

Ray & Walt both flew in early; ^{unexpected} Ray brought John (JP) Morgan from La Grande for a quick visit. I spent all day working on computer problems since Jory left: I resolved ① no internet ② inoperable external CD R-W, but couldn't ① import our old address book ② get the new Compag to print on the wireless connection Jory had made. Jim supervised the Interns on the group packing final. Cinnamon made CDs of summer photos for Interns. They worked on summary reports for projects in pm. Greg B. did laundry and shop projects. I wrote an evaluation for Bernardo's Internship. Doel/Fawn @ airstrip
26 Elk on 3B.

Friday August 6

WineatThin from Cabin Cr → TRFS ^{in am}
Last day of the Internship. Greg, Cinnamon, and Anna completed all project reports on computers and printed out. Cinnamon finished photo CDs and made a photo album of interns for Clara. Greg wrote a thank you letter to Clara & described their summer. Jim & I led a discussion on summarizing the TR Internship - skills and experiences - and how to incorporate into a resume. We did an exit interview with Anna. Jim submitted grades for Interns. Afternoon packing of gear & cabin cleaning for Interns, Jim & Greg B checked out new/repared chainsaws and Greg hauled firewood with backhoe. I wrote up phone bill and receipts letter to Lynne. Chicken BBQ for Interns, plus the Tailed Frog Crew, Troy returned from Cabin Cr, Greg B.

Saturday, August 7

(1/2) Another social day @ Taylor, one person out (Anna) and two in (Greg's Mom Jenny & brother Nate) via Arnold Av. Larry Makus, his son, & friend stopped by, they are based at Soldier Bar. The IDFG's snowed crew pulled in early afternoon - Kim Apperson, Dale Allen and 5 others, they spent the night. The Pilliod crew - Jason & Rob, took their backpacks and headed to Cabin Creek. We had a shish kabob barbecue, compliments of Jenny Hansen. We did exit interviews with Greg & Cinnamon.

Sunday, August 8

Cinnamon finished the photoalbum - notebook for Clara Bleak with letters & resumes, too. Mailed it off.
 (1/2) Greg, Cinnamon, & Troy H. worked on wrapping up and cleaning up before their departure tomorrow. Greg B. did maple tree pruning, tool sharpening (mower too), and mowed our lawn. Robert & Danny stopped by to visit en route to their cliff cr. camp. I was dismayed to hear their plans for Pioneer Cr. hunting this fall - late. Had another barbecue, probably the last for a while. 90° this afternoon. Put new electric refrigerator in Taylor Cabin & old propane refrigerator went to Arlow's. Greg set up new propane line in Arlow's.

Monday, August 9

Lots of flights out - Greg & Troy flew to Cold Mdw for a last elk survey and back pack to Monumental trailhead; they did an aerial count for elk, but only saw 1 bull, no cows/calves. Greg's Mom & brother flew out to Cascade and we got the new cabin kitchen cabinets in. 2 planes came in from Challis bringing Ryan, Jim Burnet from Jeff Pedersen's crew to work on cabin

Construction - interior walls this week.
 Cinnamon flew out on the return plane to
 Challis. In the pm Cinnamon emailed to
 say she went to the doctor for her sprained
 ankle and found out she had a broken ^{fibia} ~~fibia~~!
 Jim's busy with the workman's comp paperwork!
 I researched the NEON & regional NEON
 websites prior to our conference call on
 CNR's NEON involvement (SteveDL, KatyK,
 JohnM, KarenL, HollyA) then discussed
 updates & strategies during the call. Right
 before the conference call I had a
 failed connection on sat phone due to
 "power" problems and people have had
 difficulty hearing us in last few days.
 I checked the power converter and
 thoroughly cleaned out dust from inside
 of fan housing - works great now!
 Jim & Greg topped a tree in our yard
 (hazard tree) and put temp. electric fence
 up along airstrip for grazing. Jim
 lined out the carpenters and Greg
 washed curtains & more thoroughly I cleaned
 cabins, Propane refrigerator in Arlows
 is not burning clean - bad exhaust gas,
 Greg cleaned its chimney & put up a temporary
 "vent", but disconnected the fridge in pm
 to see if freon will redistribute after
 being moved & tipped.

Tuesday, August 10

2 Arnold Aviation flights with lumber for cabin wall framing. Bill Messer, state safety inspector (and wife Neide "nady") came in on the 2nd flight for the annual inspection. Lots of email correspondence (20 out): on cabin construction supplies; workman's comp forms for Cinnamon; lodging bills for Pilliod, Apperson, Fins, Holubetz, Nadeau, NEON, TRFS 2003 Annual Report sent out (written January 2004), time sheets, cooking for Delling Cabin ceremonies. Greg did UI laundry.

Weds. August 11

A Busy morning of flying - after we made a mad rush to get paperwork mailed (many timesheets etc.). First, friends Val & Bruce were flown in via Salomon Air. Then Walt came in with the mail. Emailed back & forth with Richard R. on the 2nd story ceiling, also J. Pedersen on the same, plus Mid. FL aviation on cube flying and Lyane K. on block grant billing. I showed friends Val & Bruce around the place. Greg did major lab cleaning - book rearranging and organizing. He also sharpened tools and saved Firewood. Jim Burnett & Ryan are making good progress on the new cabin.

Thurs. August 12

Got the stock ready and headed downstream to the Gorge & Soldiers Bar - where we (Val, Bruce, H. & I. & Erica) had picnic. Walt flew in with a load of supplies for the carpenters: boards, concrete, metal molding. Holly made a Mexican dinner. Oh ya, saw

3 years today south of Big Cr. just above Cougar Cr. flat. They were feeding on a deer carcass - one was in a tree (ad. ♀), one was walking away - then treed (yrlg. - blk w/ tan nose), and the 3rd was a med. sized blond/brn male. I first saw ^(♀ treed) them by looking toward coyote howling/yipping.

Friday, August 13

Holly, Vel, Bruce got an early start going up to Cabin Cr. - riding 3 head. Greg and I set (centered) the pier footings, east side of lab, then poured the cement. We also cleaned/organized the overhang area. Another hot day - upper 90's. Photographed the new cabin, also ordered Jim B. & Ryan move building materials.

Saturday, August 14

The bear messed around with bura barrels and bats of insulation last night. Greg & I prepared new posts for the lab overhang. Also helped Bruce try and free a mouse in the east duplex woodstove ceiling box - what a hassle! Yet another hot day - 99°, hottest day this year. Called in, to AA., more building supplies for a flight tomorrow.

Sunday, August 15

Awoke @ 5 am. to get Val & Bruce packed down to the Middle Fk. We were packed up and out of here by 6:45. Saw 2 bears en route, 1 in cliff cr. by a campers tent, the other down by the deer carcass from last Thurs. Had to wait 1 1/2 hrs. for their float ride to show up (Warren Exped.). Greg did more prep. work on the footings then in the afternoon we erected and secured both upright posts! The carpenters put in the upstairs windows and got most of the way done with the T-11 siding. Also this morning Ray flew in with a load of lumber/concrete, then a 2nd flight with Bernardo's girlfriend Clarice. Steph Jenkins called to say ~~they were~~ ^{she was} hiking down from Big Creek.

Monday, August 16

The flight from Middle Fk. Av. came in early with a load of cubes, and took out Tim & Ryan for a couple days off. Later in the morning we had 2 Islander flights come in bringing in 10 people from NMFS for survey work. Some familiar faces: Steve A., Neil, ^{Pausch} Jeff, ^{Moser} Jake and some new guys John Ferguson (Research Director), Mark Hall, Jake's wife - ^{Lanica Hodge} and

Greg and I put the cross piece up on the east lab overhang. Holly spent the day making ^{-cooling-}arrangements for the cabin "opening". She visited John Ferguson about collaborative fish research between NOAA and U of I

faculty. We had a huge thunderstorm @ 4 pm. It dumped $\frac{3}{4}$ " of rain and turned Pioneer Cr. into a dark slurry.

Tuesday, Aug. 17th

Another wet day - thunderstorms off and on. The NMFS crew was able to work the morning before Big Cr. turned "dark". We did a lot of email correspondence on the cabin - construction and opening event. Found out from Jeff Pedersen that his crew won't be back until Sat., Aug 21. Worked on firewood

some and visited Greg before he leaves. Steph Jenkins hiked in from Big Cr. for a visit - (Holly also made an apple-cornmeal ^{wait if tomorrow.} ^{remaining T.R. crew})

Weds., Aug 18

A busy morning - (day) for that matter. Two A.A. planes came and went. The first plane took out Steph - back to Big Cr. and Greg B. out to Cascade. Holly and I did an "exit interview" with Bernardo prior to he and Clarice (his girlfriend) flying out. Cheryl Boran flew in on the mail plane so Holly and her can go for a pack trip. Met with John Ferguson & Steve Accord to talk about UI - NMFS collaboration on future research. We emailed Kerry Reese about this interest, and he notified interested faculty (B. Kennedy & C. Perry) who emailed back. Heidi and Chris (FS-Fish) stopped by to visit. We had the grand turkey dinner last and Holly processed lodging payments from the crew. ^{Henry had this afternoon}

Thurs. Aug. 19

Got an early start, helped the NMAFS even move their stuff from down the airstrip using the Terranite i cart. I + took 1 Islander and 3 206 loads to get all the gear and 10 people out (McCall Aviation). I helped Holly and Cheryl get on the trail - with 3 head of stock... Penny packed, Cricket's Star ridden. Just before noon A.A. flew in with Zach Linton, Nancy Glen and 2 others. They settled in to The Lab i E. duplex before heading up to Cabin CR. to validate the hyperspectral imagery - from a geologic perspective. I spent the afternoon on firewood - and saw repair - before the p.m. "monsoon" hit. Holly called @ dark to say that they were camped on W.F.K. Rush. Also, last night Holly stayed up until 1 H am. getting TRFS paperwork done prior to leaving.

Friday, Aug. 20

I worked on firewood and emails - in and out of the house around thunder-showers. The geologists did more validation upstream, were back at 5:30 and flew out at 6:30 this evening. Measured drainfield-line needs for AA to order from Cascade Bldg. supply. Heidi stopped by en route upstream. We visited quite awhile about outfitter regulations and compliance. Walt brought back the 2 weed eaters, tested both - seem OK.

Sat. Aug. 21

Middle FK. flew in with Jim B. and Ryan to resume work on the cabin. I hauled supplies for them, then went fishing, caught 6 cuts in 10 casts, nothing over 12". Sawn and hauled a load of river birch from the cook tent area. Made a chili dinner for Jim & Ryan. A pretty nice day - mid 80's, no rain.

weekend
8 extra ^
days worked
May 30 →

+ 6 hrs.
extra (min.)
within
work days
same period.

16[#] days
Total
J.A.

Sunday Aug. 22

Walt flew in with the drainfield pipe and connectors, plus 30 gal. of gas - he had a pick up @ Soldiers Bar. Tried to take a day off! Chris Moeller stopped by while fish sampling to visit about the maintenance job in Sept. An osprey is down by the barn - bridge. Rain & wind hit at 4 pm. Holly called to say they were @ Bull Cr. - and felt the storm.

Monday, Aug 23

Prepared some mail early. Sawn, split, stacked some more firewood. Corresponded with Popes, Troy R, and Glenn R. on the cabins. Repaired wall tent leak. Did some yard work (cone raking). Cleaned both intake box screens. Visited Jim B. about cabin detail modifications, etc. The mules tried to escape when a packstring went by. Holly & Cheryl returned from their trip @ 6 pm, I had dinner ready. Today's high temp was in the mid-60's... very nice!

Tuesday, Aug. 24

Two⁽³⁾ planes in-out today, the first was a Middle FK. Flight, bringing in Jeff Pedersen his gear and taking out Ryan and their gear. Then, MF went - came back with a second load including Eric and 8 bags of cubes, Jim B. went out on that flight. Jim, Janet Pope and "Earl" came in via AA. We began work on digging the septic - drain field and building site cleaning. Holly - Cheryl cleaned & put away camp gear, they cooked a chicken dinner for "the ranch." I ordered plane ticket for ROMEO NEON meeting in Denver. Spent all day responding to emails

Weds. Aug. 25

This is when MF actually made 2 flights moving the Pedersen crew in/out. Continued septic tank hole digging and cleaning site. Jeff & Eric worked on stairs stringers. Our septic hole turned into quite a rock moving project... some 800#'s (or so). The Root Ranch crew (Cal, Steve, Dave) with 25 head pulled in @ 3:00 pm. They helped us move rocks at top unsaddling. We had a barbecue, but had to retreat to the lab. due to persistent rain. The mail plane never made it in to pick up Cheryl today. Holly coordinated w/ Dick on plumbing issues.

Thurs. Aug. 26

We were up early seeing off the Root Ranch crew (cooked them breakfast too). We continued progress on the septic hole and leachfield. We did get the tank set in place - and levelled. Holly caught up on emails. ^{- safety inspection, plumber, scheduling, ...} The mail plane made

it in mid afternoon, and took Cheryl out to town. Holly & Janet did a lot of "opening" planning. ^{We all helped Jeff & Eric set the staircase using an overhead come along.}

Friday, Aug. 27

(+2h)

I made an early phone call to the Hanco Company about their leachfield chambers... to see if a perforated pipe is necessary inside the chambers. Found out "not necessary," so I then visited (phone) with Scott Acker about a new leachfield design. Jim P. & Earl made good progress on the trenches and began putting in drain pipe, leachfield chambers, and ^{w/distrib. box -} to dig the 2nd leachfield trench. The Dean and Mark H. and Sue M. sang Janet P. "Happy Birthday" over the phone. Holly baked Janet a B-day cake and we had a nice barbecue dinner.

Sat. Aug 28

(+1d)

A busy day of work and travel. We continued work on the leachfield installation, backfilling, and deck finishing. I worked some on each project (Janet on deck, Jim & Earl on drainfield). Holly continued usual plan for "the opening." Jeff Pedersen flew out @ noon or so, 2 flights. The first flight brought in 10 bags of cubes, the 2nd 3 bags (totaling 31 from Mid. FK. now.). Ray A. flew in late afternoon, taking out the Pops & Earl.

[1.6 days]

Sunday, August 29

We made email sized photos of the septic drainfield for Jim to take out for his meeting with Secesh. Jim flew out with Ray in Am. I did yardwork and personal finances. Wrote a few emails - thanks to Popes for their work here and info to ISU grad student looking for DeVlieg funding. Nice sunny day again. Looked for mules on the Internet.

Monday, Aug 30

Researched 2 on-demand hot water heaters for DeVlieg Cabin (Takagi T-KD20 & Bosch Aquastar SX250) online & talked to distributor about features & installation - downloaded & read manuals (pdf files). One more try (after >10 days of failure) to set up wireless printing for the Compaq computer - it worked!!! Spent an hour downloading a Windows Update on the computer - at midnight last night. UI emails on plumber scheduling, annual leave time, trying to get my airline ticket changed due to meeting date change - no luck, coordinating research interns travel to Cabin Celebration, Troy & Chris travel for cabinet work this week.

Tuesday Aug 31

Emails w/ Janet on Grand Opening agenda. Ordered the new hotwater heater (Bosch) after another call to distributor (HouseNeeds.com). Wrote up monthly weather report for NWS. Took photo point photos on Cliff Cr for Wayne Minshall & David Pilliod. Emails on computer issues - NEON & Jory.

-over
2" of
rain!

Sept 1, 2004

Troy & Chris flew in; Jim returned. A bear got into apple & pear trees in our yard last night - I picked the pear tree today to minimize loss - a good crop - 2 boxes. Lots of tomatoes ripening. Jim brought 2 boxes of peaches from Whitebird - I processed & froze 5 qts, stored the rest to ripen. Jim coordinated buying a 1/2 draft mule from ^{Oklahoma} Alabama with Barney Chambers of Grangerville and gave drainfield photos to Scott Acker while out to town this week; he also did UT shopping & set up account with MayttHardware & paid bill @ Jim's saw shop. I coordinated help for cleaning next week. Troy & Chris started cabinet reconstruction while Jim ran the backhoe filling in drainfield. Jack Magee stopped in w/ friend Gene Block in Gene's plane.

Sept. 2, '04

It rained hard last night, but the clouds broke early allowing Doug Badwa to fly in with 2 plumbers from "Powell plumbing" Brian's Dusty. After getting the plumbers oriented, Doug and I assaulted the drainfield trench filling, got > 80% done and added a lot to the huge rock pile. Holly communicated several times with Janet P. and Sue McMurray on the building dedication plaque. The plumbers made good progress too today, as did Troy and Chris on the cabinets. Had to "bop" a bear in our yard with a rubber blunt arrow -- eating apples, pears, and Mtn. ash berries. Also this morning Gene Block flew in to buy 2 copies of the D. Lewis book.

Friday, Sept. 4³

We all continued our assorted tasks... plumbing, cabinets, and backfilling. The backfilling and rough-in plumbing were completed - including a sewer line link to the inside plumbing. Doug worked with me until early afternoon when he flew out the 2 plumbers. Then, Holly helped me complete the backfilling and rock picking-piling. Chris Moeller stopped in @ noon to describe his schedule. Holly pruned shrubs and poisoned the garden (weeds). She also made us all a meat loaf dinner. Saw a young bear by the weather str.

Saturday, Sept. 5⁴

Walt flew in this morning with 3 propane and 8 bags of cubes. Moved stuff around with the backhoe...

Troy built mower up to shop (Chris helped). The little bear is still getting into the trees w/ fruit, and even left us a "tomatoe dropping" this morning. Gave Cricket and Daisy each shots (2V) of Legend for their joints. Trimmed manes and feet on the mules except Rocky. More peaches to the freezer as they ripen.

Legend
shots
e & D

Sunday, Sept 5⁵

Jim headed to Conyer Creek for 2 days of moosehunting with his bow. He shod Cricket & Daisy first, as Cricket was limping this Am. He rode Daisy, packed Rocky. I did some housecleaning - log cleaning inside & declutter. Peach smoothies & peach muffins! Troy

½ Chris worked on kitchen cabinets all day. Walt flew in with the new hot water heater for DeVlieg Cabin.

Monday, Sept. 6 (Labor Day)

Holly spent the day house cleaning and doing coordination for the opening event. She also selected the gas stove for the new cabin, and sent other work emails. I rode back home from Conyer & Doc Creeks - visited Brenda Bullock and Robert en route back. Nice day for a ride! I was amazed to see the cabinets by Tray & Chris... very nice! The little bear has just about finished "trashing" all the ^{SOUTHW. ASH} fruit trees.

Tuesday, Sept. 7

I did a lot of yard work today, plus working on the weed eater (Lowe's) which was supposed to be fixed. Walt flew in with Janet Pope and a load of supplies for the upcoming "event." Tray & Chris continued cabinet work. Holly continued cleaning (her dresser top) and did many emails. Did more coordination with JP on the "event schedule." Holly was up late "computing."

Weds., Sept 8

The mail plane came in with Anna Pierce and Chris Moeller, they'll be helping get the place and things in order for the Grand Opening. We primarily spent the day doing construction & clean up. Holly and Janet continued "event prep" ^{moeller} Chris McD. flew out. Troy worked on cabinets

Chris will take care of the 2 weed eaters for me

Thurs., Sept. 9

A very full day of DeVlieg Cabin/grounds cleaning. Janet finished "finishing" the deck. Chris & I did a lot of wood sorting & sawing scraps into firewood. Anna & Janet did building cleaning. Troy did a lot on the cabinets - Anna & I helped him some. Holly primarily did email correspond-
 & opening power pt. pres.
 ince - business mail. Kath Strickler and her friend Doris arrived after sampling down Big Cr. - aquatic sampling. Two of Doris' friends: Jason & Matt came in too. We had a big potluck dinner.

Friday, Sept. 10

Another morning of scurrying around. Walt from AA came in and took out Troy R. and Kath & Doris. Doug Badwa flew in, with the 2 plumbers - Brian & Dusty. ^{JORY} While the plumbers finished the plumbing & gas lines Jory worked on our wireless system, with a "relay" attached a top the lab building. Doug G. oiled/finished deck posts, sill board, and raked under the building. Chris M. and Anna did more cleaning - a lot of it in the New cabin & lab. Holly & Janet worked on their respective ^{power pt.} presentations.

Sat., Sept. 11

Three flights from M.F. Aviation this morning - the Pedersen crew and stairs materials, plus 4 bags of cubes. There were also 3 flights by A.A. bringing in DeVlieg interns: Sarah Malick, Troy

Hiack, Bernardo Alvarez, The next flight was Walt w/ Greg Hansen, Cinnamon Robinson - ^{who was on crutches} so now, all of last years interns are here, Gloria Bate came in on the first flight w/ food (that she's prepared)... she'll be the chief cook for the upcoming event. The Pedersen crew completed the inside stair rails. Gloria, ^{Chris M.} and all the interns did "face lift" work on the lab building (trim-facia painting & insect oiling the new "overhang" support wood). They also did a major cleaning of the barbecue pit yard. Ron Gipe w/ Russ Thrown stopped in (helicopter) while doing their salmon Redd count... then it became quite windy - threatening to storm. After a "Tanch potluck" the 3 interns gave a practice run on their presentations.

Sept. 12, 04

Another full day of preparations for the event, and people started coming in - from the DeVlieg Board (Jim P., Curt D., Dick J., Jerry S., Gary S. and Gypsy D.) and U of I: (Steve D.L., Mark H.), Gloria & Chris M. went into "food prep. mode" as we had about 18 here for dinner & lodging. Tomorrow is "the big day," but things seem to be pulling together, thanks to Gloria, Chris, Anna & all the interns. It rained quite a bit this pm... our fingers are crossed for tomorrow! Holly was up until 3 am getting her presentation ready.

Monday, Sept. 13

Planes were humming in the sky today - with Arnold's, McCalt Av., and Interstate Av. all getting involved. Amazingly, the weather broke long enough for all the people (34!) to make it in. Maurice's Leslie were "honored guests," and Maurice was very flattered by the new sign "Hornocker Cabin" that will be a permanent fixture of the duplex. The "event" got underway @ noon and presentations went as planned... we opening with a historical talk, then Holly going over everything that donors do for TRFS, and after her power pt. talk we moved to the DeVlieg cabin where Chuck Hatch, Steve Patey, Larsen, and Maurice talked first, the Mark Hermanson spoke and introduced "the Popes" who spoke and cut the ribbon - w/ many photos. Gloria's ~~Steve~~^{Chris} set out a fantastic "snack bar" on the new cabinets. The next event was student presentations by Sarah M., Troy H., and Bernardo A.; they all did a great job! The next activity was eating - again, this time an "all out" barbecue. The day ended with many flights out - back to Moscow for UI people, in what turned out to be some creamy weather... with the 2nd Interstate plane getting a little disoriented in the clouds. Most people stayed and it rained again.

Tuesday, Sept. 14

There was a lot of flying scheduled for today, but it could not be done due to bad weather. The group kept busy going for hikes, fishing, and visiting. Again, Gloria and Chris prepared excellent (& diverse) meals. Heard today that Bob Danner from Stanley Air is missing somewhere near Sulphur Creek Ranch. He got into some of yesterday's late pm bad-weather. We gave our Predation study power pt. to all ^{-stuck-}involved here.

Wed's, Sept. 15

Finally the weather began to cooperate and everyone was able to get to their destinations... safely. Heard that B. Danner had died in a plane crash on Monday - @ 8,600' elevation where he had almost climbed out of the "terrain dangers." The backcountry (i.e. a lot of Idaho) is sad about this. By ~~late~~ ^{mid} afternoon we were down to just Holly, Chris, and I. Chris & Holly did a lot of building re-organizing & cleaning. I got caught up on emails. It was quite an event, and Janet & Jim P. and all "the organizers" were happy how well the Grand Opening went. Chris & I shot longbows this evening.

THURSDAY, SEPT. 16

JIM & HOLLY HEADED UP GOAT CREEK WITH MIKA & ALL THE STOCK. THEY ARE OUT FOR A WEEKEND HUNT AFTER ALL THE ACTIVITY OF THE PAST FEW DAYS. I DID SOME CLEANING AND RELAXING ON THE RANCH.

FRIDAY, SEPT. 17

JACK WALKER FROM BIG CREEK LANDED TO SAY HI THIS MORNING. WE VISITED OVER TEA FOR A BIT. I FINISHED CLEANING THE OLD CABIN & LAB. I CHECKED THE SMOKE DETECTORS IN THE LAB AS WELL. SUMMER IS OVER SO I ROLLED THE IRRIGATION HOSES AND HUNG THEM FOR THE WINTER. THE SMALL BEAR WAS BACK EATING TOMATOES IN THE GARDEN THIS AFTERNOON.

SATURDAY, SEPT. 18

A COLD RAINY DAY. THE NMFS CREW DIDN'T MAKE IT IN TODAY BECAUSE OF WEATHER. I TOOK A PERSONAL DAY TO DO SOME PROJECTS

SUNDAY, SEPT. 19

ANOTHER COLD RAINY DAY. RADIO COMMUNICATION HAS BEEN NONEXISTENT BECAUSE OF WEATHER. IT HAS BEEN RAINING ALL DAY. I AM WAITING FOR THINGS TO DRY SO I CAN PACK THEM UP FOR THE WINTER. WALT FROM ARNOLD'S AVIATION STOPPED BY TO WAIT OUT THE WEATHER. JIM & HOLLY RETURNED FROM THEIR HUNT. I THINK MIKA IS THE HAPPIEST TO BE HOME SHE IS SOAKED AND LOOKS MISERABLE.

Sept 19 continued

Jim & I had a nice packtrip up Conger Creek - good to get away & have time to unwind. The 1988 burn has created significant downfall that is tiresome to climb over, but bulls were bugling and Jim got several close encounters with his longbow. I spent a quiet day in the tent when it rained all of Saturday - read Pat Peck's Dave Lewis book. It snowed on us when we headed home today. Great to be out in the wilderness & nature!

Monday, Sept 20

The majority of today was spent on camp gear (& tack) cleanup, and getting caught up on emails from the last 4 days. I emailed Bill Messer about a state inspector - for plumbing & elec. - Robert & Lunter - Mike stopped in to visit!

Tuesday, Sept 21

Chris rolled up the N. pasture fence. I sawed up a little cook stove wood and prepared some mail for tomorrow. Holly spent most of the day emailing Janet Pope and Lynne K. I also corresponded with B. Messer on the inspections... inbetween hiking events in pursuit of elk. Took Chris along for some hot bugling action up Pioneer Rdg., no arrows shot, but good "listening." Also today a McCall plane brought in Beth S., Tom G. and Miya from NMFS. Invited NMFS for dessert & visit.

Weds., Sept. 22

We had 3 flights this morning, 2 from Mid. Fk. Aviation and the mail plane. Chris Moeller was flown up to Cabin ca. via Walt. The NMFS crew was flown out @ 5:30^{pm} via Rod & McCall Aviation. Holly & I spent a couple hours with Glenn Robinson (electrician) going over "the plan" and discussing alternatives. Glenn's crew is "Brett & Tad," they hit it hard putting in many fixtures - involving a lot of log drilling/chiseling. I communicated with the Pencheron mule "pair" owner in Mt. about his mules - good prospect, now we'll need to see some photos. Holly did time sheets, lodging billing & collections, reimbursement letter, JUI laundry

Thurs., Sept. 23

I took off early elk hunting. Holly prepared a "collage" of opening ceremony photos to send to people - Hornocker's, Clara B., Holubetz's, our family etc. The electrical crew continued work, at the end of today Glenn said that they had installed 1,700' of electrical lines inside the cabin! Heidi from the F.S. stopped by and Holly ended up giving her a ride to Soldier Bar. We cleaned up campfire pits Also today, elk at Soldier Bar white hunting, I watched a female bear playing in a wallow (old salt lick @ the stove camp bench), quite entertaining! This same female had 2 cubs earlier in the summer.

I cleaned out Arlow's refrigerator & spoiled meat, as the gas has been out. Correspondence on cabin issues & admin.

Friday, Sept. 24

Robert & Danny stopped
in on their way to Flying B.

Two flights came in this morning taking out the electricians and gear. The afternoon was spent rebuilding the rail fence by the cook tent, this time it will be solid (nuteproof?)...

we reset the gate post and did half of the buck & rail restructuring.

I spent 5 hours on the Internet in the evening researching stains & log finishes and reading info on log cab construction & restoration. Wow, lots of resources available.

Saturday September 25

We went hunting today - Jim with his bow in one direction, me with my rifle in another direction. Jim bugled a small 5pt in and got a shot. I moved in on a bugling bull - then 2 coyotes howled and they were answered by a wolf! The elk never bugled after that. Interesting!

Sunday September 26

A day to sleep in (Holly) and catch up on laundry & vacuuming. The weather has turned sunny & warm again - no frost yet. We had good success flyfishing at the Rush Creek hole. I searched log cabin sites on the Internet again (3 hrs) and learned more about what we need to do on the new DeVlieg Cabin - cleaning & UV protection finish...

3 rams headed up Rush switchbacks as we fished. Elk are low this fall - due to greenup ^{cheatgrass} from heavy rain?

Monday, Sept 27

I calculated the volume of stain & log finish we would need (45 gallons for exterior and interior, plus deck rails) then ordered stain & clear^{UV} coat from Weatherall NW in Hamilton and made arrangements w/ Middle Fk Aviation in Challis to fly it in when it arrived. Also investigated online & purchased a variable speed sander + osborn brush & log cleaning bleach for log prep prior to staining. Coordinated w/ Janet - plumbing & electric inspection, their trip in to dig waterline & stain, purchases, etc. David Aquilina, the Dellieg Foundation stockbroker sent a priceless account of his visit to TR and conversation ^{in concurrence} with Anna (on the way to Boise) about TR and its impact on people's lives - he was deeply affected by his time here away from distractions and felt TR really did make a difference in students' lives and was a noble cause for the Dellieg Foundation! Very eloquently spoken. Jim coordinated with Divi Building Safety plumbing inspector, electric inspector, Arnold Aviation, Glenn Robinson to arrange inspections for Wednesday. Jim worked on fall winterizing - hoses off the airstrip, cookstove firewood to the house, Ray flew in 30 gallons of unleaded gas for backhoe & generator. Jim did a short bowhunt up Rush Creek after a 5 point bull. It's feeling like fall - cool mornings and cottonwoods & hawthorns are changing to yellow and peach colors.

Tuesday, Sept. 28

Holly rode star up Pioneer cr. to the stove camp and beyond. I "put up" some cookstove wood - pre-burned water birch - sawed, hauled and split a large stove boat load. Did many emails, mostly student inquiries. The FS weed crew ^(Cherry, Amber, Cody) liked up to use the phone as their radio batteries were dead. Moved our lawn. Visited the plumbing inspector Dick about the weeds. Trip. Also emailed Scott Acker to find out how the meeting with DEQ went regarding our sewer system approval.

Wednesday, Sept 29.

Plumbing inspector Dave Harvey and electrical inspector Kevin Hubble from DBS flew in for inspections. Electric did ok, but plumbers will have to return to increase # or size of vents and pressure test their system. Dave agreed with Jim, if we put a toilet vent in upstairs that would eliminate the need to redo the rest of the vent system. Inspectors were initially crabby, but warmed up after inspections waiting for the plane to return. I sent emails on purchases, hiring, receipts, an unemployment claim, new Visa card. Jim called Dick & Glen about inspection reports and getting plumbers back next week.

We got our mail in ballots for the presidential election and VOTED TONIGHT

Thursday Sept. 30, 2004

Jim & I surveyed & laid out the waterline & electric ditch. I tidied cabins & ran a load of laundry before Popes arrived. Jim & Janet and friends Larry & Karen and Earl flew in (2 flights). The guys started work on the ditch project - brush cutting & shovel work at hydro mainly. Janet & I discussed work scheduling, logistics, administration of Keith Coppernoll's crew. Emails & letter to Lynne - MCard receipts, carpenter payroll signup, lodging bill - NMFS, Jim talked to Dick about plumbing changes. He emailed Cinnamon about undergrad research topics. I emailed Jeff Pedersen on advice for log stain & finishing, MiddleFK Av. flew in with the 9 5gal buckets of fish and 6 bags cubes.

Friday, Oct. 1

A busy work day here. Jim & Earl began ditch digging with the backhoe. Earl, Richard and I also cleared brush to the stream - we also engineered / installed the waterline hookup - crossing - for backhoe access. We contacted Dick B. about getting the plumber in to fix inspection compliance - hopefully with an upstairs half bath. Friends Tom & Kathy & Matt Fisk flew in. We had a "group dinner."

Sat. Oct. 2

Ditch work continued, including laying the conduit & waterline segments. Holly took all the gals to Soldier Bar, where Janet & Karen will camp. Jim, Pope & Earl & ~~Richard~~ ^{Larry} encountered the drainfield in a different location than expected... not good.

Sunday, Oct. 3

The ditch crew continued assault, actually placed insulation today - quite an efficient team (Jim P., Earl B., and Rick Larry S.). Janet & Karen came "dragging in" @ noon, actually Janet's knee is "acting up." Janet had (hosted) a cocktail luncheon on the De Vlieg Cabin deck. Jim & Tom packed gear for 4-5 day moose hunt.

Monday, Oct. 4

Tom & Jim packed up the stock and headed for the West Fk. of Rush Cr. They left @ 11 am and pulled in to the "traditional camp" @ 6:30 pm. The carpenter crew (Keith Coppernol, Richard & John Burkentine) came in and Kathy & Matt Fisk flew out. A second flight of lumber came in and Karen, Larry & Jim Pope flew out. The wandering mule is still here.

Tuesday, Oct. 5

Holly spent the morning on emails, then worked on deck (rail) ^{& north side} staining with Janet. They worked on selecting lighting in the evening. Earl worked on insulation installation while the carpenter crew put up ceiling & siding... after framing. A horse party from Cabin Cr. stopped by and took the silver mares mule back to Cabin Cr. Meanwhile, up the West Fk Jim & Tom tracked a bull moose all over the place. We did find 4 Sheepshead pit blinds too.

Weds., Oct 6

Holly emailed 7 students about our trip (schedule) in Moscow. Dory Badwa flew in the plumbers (Brian & Rusty) and she spent time with them. Dory painted stain on the west side. The crew did many building tasks -- put in gable vents, prepared logs for the balcony deck, did more wall framing. Stan Potts stopped by to visit en route to Cliff Cr. and guiding a sheep hunter. Earl also attempted to start the Terramite which seems to have a new problem.

Thurs., Oct. 7

Another load of lumber came in via AA. Janet & Holly continued staining. Holly sent 17 emails about the upcoming Moscow trip. Keith, Richard, John & Earl continued wall work on the cabin. Terry & Byron Heinrickson stopped by and visited while sheep hunting @ Soldier Bar. Jim & Tom returned from W. FK via Rush Pt. & Cabin Cr. The Musselman camp had a hunter needing to be "helicoptered" out... lots of commotion @ Cabin Cr. J & T back @ 9:30 pm.

Friday, Oct. 8

A lot of planning this morning while Janet still was here. The plane came in with a load of pine siding, etc, and took Janet out. Holly continued applying stain - doing the east and south sides - partially. Tom & Jim headed up Pioneer Rdg. for a spike-out elk hunt. Still no luck with the backhoe. Carpenters worked on insulating trim of windows.

Sat. Oct. 9

Holly & Earl put stain on the west of the east and south outside walls. Richard trimmed around windows & front door, while Keith & John hung OSB upstairs & pine in the dormer. Tom shot a '5x6 (young) up Pioneer Cr., radioed Holly who brought the mules up "in the clouds"... back by dinner time for a "fresh meat barbecue."

Sunday, Oct 10

Recovered from yesterday. Tom & I attempted to start the backhoe - testing all that we could - no luck. Stan Potts stopped by to visit. We took digital photos of one of Jess' old pack frames. Trapped a woodrat in the old cabin attic. Ray came in at 3:00 pm to take Tom out. The carpenters hiked/fished to the Middle Fl., Earl fished up a trout to Cabin Cr. (caught several⁴ whitetfish).

Monday, Oct. 11

I changed the oil on the backhoe and did other things - but no luck starting - contacted mechanic (Bob Bennett). Holly worked on multiple presentations for this week. Got paper^{time sheets, etc.}work & things ready to go out. The crew put in the roof stove jack (not easy). Earl worked on waterline - building entry (love).

Tuesday, Oct 12th

Jim + Holly went out this morning to V of J. Carpenters worked on ceiling of cabin, Richard worked on window frames + trim. Stock got up into old cabin area, undid the gate. I got them all back here easily and changed gate hook-up. I helped Nieth + John with ceiling; cutting pine to length downstairs and getting it up to them so they don't have to climb up + down scaffold. (Bobcat)

Wednesday, Oct 13th

Nieth, Richard, + John went out this morning, expected back on Monday. They packed rest of pine from airstrip to cabin. National Weather Service people were here to check weather instruments. They were sorry they missed Holly and her coffee and cookies. I cleaned up after carpenters, picked out kindling from scrap pile, checked trap line, burnt paper trash, SHUTTLED PROPANE tanks back + forth to get 5 empty's to airstrip, Wish we had that tractor goin'. (Bobcat) No Sign of Electrician!

Thursday, Oct 14th

I did some staining of logs, picking up some more junk, burnt some more paper trash, talked to Jim on SAT Phone about plans to bring in new mules. Holly to be back Saturday!

Friday Oct 15th

Took care of the stock + MICA. Electricians came in today - 9:00 → 12:00 NOON + LEFT. I did a small amount of staining and hit the creek for awhile with rod in hand.

After dark sighted riders with flashlights crossing the opposite creek headed upstream! Holly expected tomorrow; More staining for me. a little warmer this evening due to cloudy conditions. Did some cabin cleaning today + cleaned ashes out of wood stove! (BOBCAT)

Saturday Oct 16th

Holly returned this afternoon, helped her get supplies up to their house. I spent most of my day staining EXT, logs + railing. While I was feeding and putting stock in usual for the night, a cow elk came running out of Pioneer Cr. right through the ranch doing about 40 MPH. + got within 30' of her as she came running by! she hit Big Creek a runnin + I haven't seen her since.

Holly riding out in A.M. to meet JIM with new mules, think I'll go for a hike up Pioneer Cr. (BOBCAT) Nice DINNER + CONVERSATION WITH HOLLY!

Sunday Oct 17th

Holly was off with the saddle horse + 1 mule to meet JIM, I WENT

99

Bird hunting up Pioneer Cr. ; wHew!
WAS a hike and didn't see any birds
When I got back, mules left behind
were being cantankerous and every
time they sounded off it would
echo for 5 minutes up & down
the canyon. Picked 3 green
tomatoes to fry with my supper.
STEAK, SALAD, & FRYED GREEN TOMATOES;
YUM, YUM. Expect CARPENTERS BACK IN
ON THE MORROW, Expect HOLLY & JIM BACK
By MONDAY Night. SURE is PEACE FOLL &
QUIET Here THIS EVENING, THINK I'LL CHECK
OUT THE SPORT'S SCORES AND ME & MICA
GO TO BED. (BOBCAT)

Monday Oct 18th

Holly and I returned with the new
mule team (Bate's Bred) right at ^{yesterday} dark. I
made the trip from the trailhead in 11 1/2
hrs., met up with Holly roughly @ the
half way pt. with her bringing up Star &
Daisy. Not a very restful weekend, but
"mission accomplished." On Sat. afternoon
Steve Bate drove me to the trailhead while
Holly flew home. Our trip to Moscow was
productive with 9 student meetings and
4 presentations given. We gave talks to
Lauren Fins' Core Carr. class on ^{"The New West"} our
fire experience, David Reen's core ckes on
our cougar-wolf findings, the student
chapter of TWS on the 4 Decades cougar
research talk, and a T.R. facilities/programs
/ research talk @ the joint NMFIS - UI
Faculty meeting (5 hrs.). Also visited with

Kerri Vierling and Stephanie Hampton about a trip in here soon - along with many Fishery faculty. Also in Moscow we met with Dick Bottger and Lyane Kittner about DeVlieg cabin budgets. Visited Lauren Fins about her Whitetank Pine study proposal... involving one graduate and one undergraduate student.

Today was a "catch up" day around here - lots of laundry was done and Earl and I "took a" determining the location (depth) of the Taylor Cabin waterline. Earl dug several probing holes in the yard at the building outside edge while I exposed the line underneath at the valve.

Tuesday, Oct. 19th

First we caught up on many business emails. Then most of the day was spent on water line probing (Taylor yard) and cabin staining (Holly). Earl and I determined that the waterline was (is) 36" deep. We worked on insulating the 1 1/4" main line on the east edge of the yard, wrapped the metal "T" w/ elbow joints... we'll put a PVC marker pipe in this one. I pulled the shoes on Bird's Bat and gave them a little hoof trimming, they behaved OK, although a scotch hobble was needed on their rear legs.

(H₂O line)
depth

Weds., Oct. 20

Earl and I insulated the remainder of the yard line and filled that trench in. Holly worked on correspondence to Lynn K., reimbursements/phone bills etc. Walt made it in late afternoon with the carpenter crew. Holly and I harnessed the new mules "Bird & Bat" and worked them - first on the forecourt and then pulled the harrow around the main pasture. The young mules did great! Watched the Red Sox beat the Yankees in game 7.

Thurs., Oct. 21

Sawed up some firewood for Earl's place (Arlo's). Holly ordered - researched log cabin supplies (caulking) and mail responding. Walt flew in with Janet, Karen, and Bob Bennett (tractor mechanic). Bob determined that the engine (Honda) in the Terranite is "shot," began internet research to locate a replacement. Earl filled in around the utility basement and helped the carpenters (Keith, Rich, John) putting up wall boards.

Friday Oct 22

I took the day off and Janet, Karen, & I rode to and up Cabin Creek. Janet led on Star and I rode Bird with Bat attached by breakaway following with a packsaddle. Bird did great for 1st 8 miles (including crossing streams) then ran off with me 5 times @ Cabin Cr airstrip & flat then didn't want to move. Maybe it was a

belly ache from eating so many apples from the Cabin Creek trees or maybe it was the wind, or a tight cinch... I led the mules & walked home - glad she did so well for the 1st 8 miles.

Jim ordered the new backhoe engine. He & Earl finished covering the waterline in our yard & winterizing. Jim drained & winterized Dave Lewis cabin water line. Jim cooked up chili for all of us. Keith, Richard, & John put T & G pine in upstairs.

Saturday, October 23

I did stream rehab at the hydro area and added ^{additional} foam insulation over DeVlieg water line connection to 4" waterline. No flight out for Janet & Karen. Karen made 2 apple pies from the Cabin Creek apples we collected yesterday. Carpenters worked in bathrooms after following a herd of elk up E Pioneer Ridge. I made cinnamon rolls. Jim & Earl took the day off, did a mini moose hunt to mouth of Rush Cr.

Sunday, October 24

Mike Schlegel & lumber flew in and Janet & Karen flew out. Before they left, Janet & Jim & I talked about new DeVlieg funding for masters students and carnivore research. Keith's crew worked on the DeVlieg Cabin - OSB & pine. Earl had the day off & went fishing again - 8 whitefish to smoke. He said they are ready to spawn - next full moon - Thursday.

Monday, October 25

Jim & Mike took mules on a moose hunt to Golden Meadow. Carpenters worked on upstairs ceiling pine. I was on the computer most of the day - timesheets & cabin funding emails, sending Cliff Creek photopoint pictures to David Pilliod, respond to emails - archaeology, ^{plumbing} Earl insulated the DeVlieg ceiling while Keith, John, & Richard hung doors, did trim around windows, put up sheetrock.

Tuesday October 26

I necropsied a bighorn lamb (5 month old) that Earl found along Big Creek next to our lower Pasture. The lamb had died of pneumonia. I spent several hours writing up the necropsy report then emailed it out to IDFG, state vet, Caine Vet Center. I was able to get swab & tissue samples out on a plane then overnight mailed to Caine for culturing - Glen Weiser. Worked with the new mules on ground training in the evening. Carpenters & Earl are running out of materials, but Cascade Bldg Supply did not get our ^{lumber} order placed in time to get it this week. Jim & Mike camping in the snow @ Golden Mdw,

Wednesday October 27

The plumbing inspector Dave Harvey came in to check the plumbing redo rough-in inspection and verify the electrical changes were made. We passed! Got a letter in the mail to renew our septic-sewage system permit, so I corresponded with Scott Acker and he will handle it.

We got some sheetrock mud & lumber for the carpenters to keep them going. More correspondence on the dead bighorn. Larry Kingsbury emailed that he wants to get Indian spearpoints back from Paul Link, ISU and he is considering legal action. The spearpoint Dave Stewart found at the same time - which we have at TRFS with USFS permission - has been dated to 10,200 years B.P., making the collection site the oldest Indian archaeology site in the wilderness. Hope Paul & Student Beau can find the point(s) they found & turn in to the FS before there is a big conflict. Earl came over in pm for game 4 of the World Series - Red Sox won ~~4~~ of all 4, so it's all over now. We watched the lunar eclipse & got pictures - glowing orange ball.

Thursday October 28

Sent emails to Popes & UI - updates & orders for cabin supplies. Downloaded info from NEON & ROMEO ^{web} sites for next week's meeting in Denver. Jim & Mike returned from Cabin Cr. midday, then did a short hunt up Rush Cr. Earl closed down irrigation ditch below hydro, cleaned up building supplies, and filled in parts of the waterline ditch with shovel. Earl came for dinner and the rest of the crew came for a visit & cherry pie & ice cream. Keith, John, Richard did sheetrock mud, window and mop board trim in DeVlieg Cabin. 2 of RP's mules showed up at TR and spent the night with our stock on the airstrip.

Friday, October 29

Carpenters cleaned up and flew out at 11:00. Mike flew on a second flight at noon. I took cabin photos for Janet and caught up on the Taylor Log Book. We caught up the wandering mules, but 3 groups of RP's hunters/guides rode by but did not get the mules. Jim took the mules to Cliff Cr bridge where they followed horses (scent) up the benches. RP's hunters returned to Big Cr downstream, but left "B", who later returned to Taylor Ranch airstrip and our yard. We are not happy with RP's lack of responsibility & respect for our help catching his loose stock before they escape further. Jim & Earl repaired damaged lab drainpipe (that had been crushed since installation in 1991). Jim emailed USFS special agent on ~~the~~ his recollection of the Spearpoint finds in 2001.

Saturday, Oct. 30

Holly did house cleaning before going on a ride to Goat Cr. R.P. and 2 hunters passed through the grounds en route to Rush Pt., he did thank us for mule-sitting. Holly found a bled out bull elk carcass south of Big Cr. from the lick. I pulled the shoes on Cricket & Penny. Earl overhauled the smoker and he "gravel bedded" the drainfield repair job from a couple days ago. He also put his fish in the brine in the p.m. I put together 4 mule loads of supplies to go up to "the stove camp" tomorrow. Holly corresponded with S.D. Larsen on NEOM mts./involvement.

Sunday, Oct. 31 - Halloween

Kind of a snowy - cold day. Earl manned the fort and put his 25 whitefish in the smoker. Holly, I, Mica took all seven head up to the W.F.K. Pioneer cr. camp... which we set up during a snowstorm. Earl's smoked whitefish are superb!, even Mica agrees -- on the skin, which she inhales. Earl saw 15 around the grounds today, we saw a similar tally up Pioneer cr., plus elk on East Pioneer -- all eating in openings ^{between} before snow squalls. The young nutes did well today!

Monday, Nov 1

I went hiking-hunting up Rush cr. saw 24 sheep and a similar # of deer. Fixed the Rush cr. crossing ladder while over there. Earl and I pulled the Honda motor out of the backhoe. Holly reviewed the Lynx paper until late in the night. Holly got ready to go to the NEON mtg. in Colorado. Earl insulated the valves coming out of the lab, and he started fires in stoves to keep lines thawed out. I drained the airstrip waterline. At 8 pm Rocky's Chris stopped by to use the radio - they had overshot the Cougar cr. camp coming from Whiskey Springs. They were shot, so we put there 20 head in the corral, fed them dinner and gave them a place to stay.

Tuesday, Nov. 2 crisis: Rocky left early - back to Cabin Cr.

Holly spent the morning getting ready to go to the NEON mtg. in Colo., the plane came in @ noon and took her out. I worked with Earl on manual ditch digging - filling. Earl set up the electrical attachment on the #2 new pole across Pioneer Cr. Emails sent to J. Wallace (FS), Wayne Melquist (UT-bear study), and others. Elk on the benches, deer in the pasture, whitefish in the creek (according to Earl)... same old pros. in the white house!

Weds., Nov. 3

It's confirmed, G. Bush in the white-house for another term. Earl & I spent the morning indoors - cold & wet outside. Got mail ready to go out, and supplies ready to go up to camp. Earl worked on a rock-cribbed wall at the waterline crossing - looks real good! The carpenters - Keith, John, Richard were flown in on the mail-plane @ 4 pm.

Thurs., Nov. 4

Earl and I headed up Pioneer Cr. to the camp - with supplies. We set up a dome tent, cut firewood, then put up a tree stand at the helipod. We finished up at the camp @ 5 pm and decided to head back down to TR as JOHN Hunter the Co. was arriving from Cabin Cr. - he arrived @ 8 pm... after checking many hunters @ Cabin.

Friday Nov. 5

Jon Hunter and I visited over breakfast about enforcement issues. (John was our maintenance man in '90, and is a wildlife Dept. grad.), then Jon headed to Soldier Bar to check hunters. Walt flew in with the Honda engine for the backhoe so Earl inspected "the ease of installation," which appears to have a couple problems. I took care of business correspondence & emails, and hunted a bit. The carpenter crew has made great progress with walls/trim... downstairs bathrooms look great - lots of wood! Talked to Holly, she met all day with the NEON - Rocky Mtn. group.

Sat. Nov. 6

Jon Hunter and I visited more, talked about an SDF&G/UI packing clinic - we'd instruct. Earl determined the alteration needs for the muffler to work on the new engine. A.A. made 2 trips in with friends Haully, Rickey & Robin and Holly too. They (Walt) had to stop another time as the lighting was bad @ S. Bar. Jon Hunter flew out with Ray A.

I was in Fort Collins for an organizational meeting of the Rocky Mountain Ecological Observatory (ROME O) regional meeting to coordinate with the National Ecological Observatory Network (NEON) in development of national scope research at monitoring based at Field Stations & Labs.

Sunday Nov 7

Jim Hanley, Robin, Rickey, and I packed the mules and headed to the Pioneer Co camp. I returned to TR with the whole string (7). A few glitches along the way - with the young team running loose part of the time. Arnold's flew 2 doors in today. Carpenters worked

Monday Nov 8

Janet Pope flew in with a load of pine lumber. I worked on time sheet for carpenters & Earl. Caught up on other emails. Keith has made some fancy trim around the log beams and Richard is making "mop boards" and other trim. John was able to smooth out the Densdek sheetrock with a layer of mud.

Tuesday Nov 9

Janet & John & I rode up to the hunting camp to deliver some supplies (Rickey's sleeping bag; some slippers & shoes...). In the afternoon Janet & Earl & I rode down to look at the big talus pit across from the saltlick. Came down with a sore throat in the evening. Keith & Richard made balcony rail.

Wednesday Nov 10

I sent out time slips and did emails in Am. Still not feeling 100%. Rode Star down stream to look for elk - saw 36 with spike & 6 point. The carpenters finished the wall work - mostly. Earl sent out the Honda engine & muffler for repair.

Thursday Nov 11

Our main laptop computer (Compaq Pentium 4) won't start up today - I tried all sorts of things - even did hard drive check and that is okay. Emailed Jory & will send computer to Moscow with Janet next week. Switched computers around and we are now using Pentium 3 Dell as the main (host) computer, but can't use the wireless network with current configuration. I headed up the hill hunting today - saw the elk herd 1st thing this morning and saw the 6pt at 300 yards, but didn't get an opportunity for a shot - a long hike up the unburned slope in some great elk use sites - major Idaho fescue feeding. Jim took the stock & returned to the Pioneer Cr hunting camp by the spring. Robin & Rickey both shot bucks.

Janet & Earl ~~also~~ helped Keith's crew install the new Pergo type flooring. Janet put stain on new balcony.

Friday, Nov 12

The carpenters finished up today and flew out at 1 pm. Janet & Earl did cleanup at the Dellieg Cabin. We got some pictures of the carpenters and I filled out time sheets. Keith, John, & Richard have done a really nice job on the cabin, with many extra details on the finish work. Richard gave us the walking stick he has been whittling on for several weeks. Jim & Robin & Rickey & Hanley got back from camp midday (no on Saturday)

Janet & I hauled beds & chairs to Delliog Cabin, + sleeping bags & snacks. We watched Cold Mountain DVD there, then spent the night in front of the toasty woodstove at the Delliog Cabin.

Saturday Nov 13

Jim & crew returned (see yesterday). Janet painted & primed downstairs sheetrock. Earl helped Janet move lumber away from deck and clean up. On Friday Earl & I drained Delliog waterline & vents for winter, then Earl & John used John's ^{air} compressor to blow out the line from the valve near the hydro. After the carpenters flew out Friday, Earl and I winterized the lab and drained all the plumbing, AND left showers ON so plumbing doesn't freeze there like last winter!

On Saturday I spent the morning writing a draft for Janet on the new Delliog Master's Degree award - what it's about & how to apply. We discussed & refined it and will send out to faculty for review. I cooked a lasagna dinner for the crew (7).

Sunday Nov 14

Hanley & Janet were scheduled to fly out today, but couldn't because Cascade & McCall have had fog for 2 days - it's blue sky here. Janet finished downstairs painting at Delliog Cabin & Hanley helped her move furniture into the cabin. I did more edits on the Master's award proposal. Jim & Hanley did a morning hunt and Hanley shot a

3 point buck with his bow. Big dinner together again. I cooked dinner for tomorrow night, so I could hunt all tomorrow.

Monday Nov 15

I headed to the top of East Pioneer ridge following lots of elk sign. Had a good hunt & saw interesting country - jumped the 6 point down low on the return trip - no shot. Jim went after the 30" buck, but did not get him. The plane finally got in at 4:00 for Janet & Hanley. Cal, Steve, & Ritchie and 20 Root Ranch horses/mules arrived at 2:00pm for the night. Robin made a cake, cookies, soup and tended to my crockpot BBQ spare ribs and crockpot party potatoes. We all had dinner together (8).

Tuesday Nov 16

Cooked an early breakfast for Root Ranch crew. Rickey went with me on an elk hunt. We spotted the elk from the pasture, but they climbed the ridge faster than we did, so we never caught up to them. Jim shot a buck with his bow, 3X4 point. We caught up on work emails in pm and Jim did a phone recommendation with Phil Mamer, IDFG for Greg Bjornstrom. Shaun Musselman came through TR on the Rush Pt. trail - going to Cliff camp. Earl was not feeling well this afternoon, so he took the pm off. He cleaned up some around the new cabin in the am. Visited Chuck Middleton from FNAWS about this year's bighorn census Dec. 9-11.

Weds. Nov. 17

Another foggy morning in Cascade. Robin & Rickey and I helped Earl move furniture - mattresses from the lab overhang into the DeVlieg cabin - upstairs. Walt flew in @ noon, bringing in 30 gal. of Unl. fuel & our mail & supplies, and taking out friends Robin & Rickey - headed back to AK. Chopped wood, did chores, hiked up Rush Cr. bottom 1 mile - elk but no moose sign. Also this afternoon we saw the local outfitter (RP) have some difficulties packing a mule deer (just shot) off of the 3rd bench... a mule came stampeding cross-country off the 3rd bench pt... meat flying... people following... looked like a mess!, but the buck was very large (maybe the W. Pioneer buck I shot at?).

Thurs. Nov 18

Last day of the deer/elk season so we (H.E.I) hiked way up E. Pioneer Rdg. Got into some elk and I shot a young bull w/ my 45-70. Dressed the elk and stung in a tree (very steep site). Got back to TR @ dark... in the rain. We pulled in about the same time as the Zettels (Steve, Michelle, Stephen) - who are trailing out their own 5 head. Invited them to spend the night - which they gladly did. Earl reported that AA brought in the back-hoe engine and retrofitted muffler.

Fri., Nov. 19

Holly made a coffee cake and we saw off the Zettels. Saddled Cricket & Penny and took them up the long, slippery ridge to my elk carcass. It snowed a lot on us up high.

we were able to ease the loaded mules back to TR., arriving right at dark... tired and grouchy.

Sat. Nov. 20

Cold last night, but nice in the day. Pioneer En. starting to ice up, in fact a big "bilge" of sediment oozed from the intake culvert onto the intake pipe. It took a lot of digging to clear, also a lot of air in the line. Earl got the engine in - hooked to the drive shaft and most of the wiring connected.

Sun. Nov. 21

Another cold one last night, had to restart the water system. Earl did some winterizing in the morning - putting insulation bags in each valve box. Earl also completed the Honda engine wiring, attempted to start, but it wouldn't go. Holly & I took 5 head up to our Pioneer En. camp and pulled the camp. Saw 16 deer, 2 large bucks on the "camp bench." Saw many pack strings going out today - both from Molekhi and RP's outfits.

Mon. Nov. 22

Had to restore the water in the main line again - then get the air out. Earl's line froze up. He used stove pipe rod to clear out the line, which he successfully got water into the box, but not down the line. Holly did TR

admin. - phone bills, receipts, and time-sheets. She and Mica also checked out the dead horse (R.P.'s) on the 2nd bench. We harnessed Bird's Bat and used the forecart w/ cart to move cubes, (25 bags came in today via Middle Fk. Av. on 2 flights), to the corral shed. The mules were a bit "chargey" today. Corresponded w/ participants of the FIG mtg. for next week.

Tues., Nov. 23

Holly and I worked on meeting preparation for next week, and we sent an agenda outline to Steve Nadreau (FIG) via email. Corresponded ^{- email -} back and forth with Pete Nelson about our backhoe - engine electrical. Holly helped Earl some too, and he eventually got the hoe running! Used it for an hour to move dirt in the trench - all went well! (last day of season)

I did my daily check for moose in Lower Rush cr. - nothing, but did follow bird activity to a dead 3pt. buck -- looked like it took a nasty fall during rutting activities - much hemorrhaging under the skin in the rear half of the body. Moved propanes to Taylor's & Duplex.

Weds. Nov. 24

No mail plane today, lots of snow/rain between here and Cascade. Earl and I worked on ditch filling, Earl encountered some very frozen ground when he went close along the lab building. Holly spent the day doing email catch up, mostly with Lynne K. Maurice Homolka called, he can't make the Boise mtg. but suggests Toni Ruth go.

Thurs. Nov. 25, Thanksgiving

Earl and I ^(+ Mica) did some morning duck hunting - without action. Taii Ruth called to visit about the research meeting next Monday. No chance for a flight today, but Holly cooked a standard menu - substituting chicken for turkey - very good and we all over-ate... as is the tradition! It got well above freezing today - 35 elk on the 3rd bench.

Friday, Nov. 26

Earl and I (+ Mica) went to the decoys/blind @ day break, no ducks but saw the elk herd on the ridge east of the old cabin. Holly sorted through old mail. We printed some of our predation reports for the Monday meeting. Earl worked on the ditch - had a wheel (front) fall off! After that, I helped him and we actually did quite a bit of filling - even travelling, with the "3 legged" backhoe. Ray A. (w/ granddaughter Kayke) made it in with the mail, he had a full plane so couldn't take out garbage. Holly & I attempted to put up the remote camera near the dead horse on the 2nd bench, but the camera wouldn't work once in place. I also fortified the Pioneer dam @ duplex line crossing. Stretched out spike III tent in the tub & built fire to dry it.

Saturday, Nov. 27

A busy day getting ready to go out. Earl got the backhoe hub/bearing ready to go out for repair. Earl and I took down the cook tent and put away, plus I put away other camp gear - 4 pannier bags worth. Holly spent the day getting our meeting presentation material together. David Pilliod cancelled on coming in. It snowed a bit after dinner.

Sunday, Nov. 28

WHAT A GREAT DAY FOR A HIKE TO WARDS LOOKOUT, SAW 3 COWS + BULL ELK, + 5 DEER (ALL DOES). I WAS ALMOST BACK TO RANCH WHEN JIM + HOLLY FLEW OUT. IT'S MY BIRTHDAY TODAY - "52". (BOBEAT) FED THE ANIMALS.

Monday, Nov. 29

12° THIS MORNING, BETWEEN KEEPING 4 CABIN FIRES GOING + CLEANING HYDRO INTAKE OF ICE I WAS VERY BUSY.

DID CUT UP SOME OF CARPENTERS SCRAPS ON TABLE SAW, PRETTY GOOD PILE OF KINDLING. TALKED TO JIM THIS EVENING ON THE PHONE, EVERYTHING FINE. (BOBEAT)

Tuesday, Nov. 30

DIDN'T GET JIM + HOLLY BACK IN TODAY + I GO OUT. BAD FLYING WEATHER + SNOWING. MAYBE TOMORROW.

HYDRO RUNNING REAL GOOD WITH WARMER TEMP. 22°

I SCORED A DOUBLE ON DRAKE MARCATDS IN Big CR. THIS MORNING.

TALKED TO JIM ON PHONE THIS EVENING WILL TRY TO GET IN TOMORROW.

(BOB CAT)

Wednesday, Dec. 1ST

HYDRO RUNNING MUCH BETTER AS IT'S NEAR 32° . FED THE ANIMALS, SOME CABIN CLEANING + KEEPING IN TOUCH WITH ARNOLD ABOUT ON FLYING CONDITIONS ON THIS END. AT 11:30 A.M. RAY SAID HE WAS GOING TO FLY MAIN RIVER ROUTE THAT I SHOULD KEEP AN EYE ON WEATHER AND CALL BACK AT 2:00 P.M. BY THEN HE SHOULD BE ABLE TO BRING IN JIM + HOLLY + I GO OUT!

I'VE THOUR~~ALLY~~LY LOVED MY STAY HERE, JIM + HOLLY ARE THE BEST, I HOPE TO STAY IN TOUCH WITH THEM. THE FISHING HERE HAS BEEN GREAT AND MICA THE WONDER WHITEFISH DOG HAS BECOME A GREAT BUDDY. THE SOUND'S HERE ARE SO SUTLE, THE BABBLING OF PIONEER CR. AND THE FAST FLOWING Big CR. TO SEE WILD ^{ANIMALS} GAME ALMOST ON A DAILY BASIS IS SOMETHING A LOT OF PEOPLE NEVER GET THE CHANCE OR WANT TO EXPERIENCE. AND DON'T FORGET THE QUIET!

Meeting OTHER BACKCOUNTRY people
 Like CAL + THE ROOT RANCH WRANGLERS,
 FRIENDS OF JIM + HOLLY THAT CAME TO
 HUNT. THE CARPENTERS THAT WORKED SO
 HARD ON NEW CABIN. SEEING THE PACK
 STRINGS COME + GO. RIDING THE MULES
 ALONG A MOUNTAIN TRAIL. JIM + HOLLY +
 MIKA + THEIR FRIENDSHIP. ALL THESE THINGS
 I WILL ALWAYS HOLD DEEP IN MY HEART.
 I'VE LOVED EVERY MINUTE OF IT!
 I ALWAYS SAID I WAS BORN 100 YEARS
 TO LATE. THEN AGAIN MAYBE MY SPIRIT
 WAS HERE THEN! THANKS FOR EVERYTHING.
 Earl (BOBCAT)

Well, there you go---- 1:00 P.M. SAW A BAND
 OF 6 BIGHORN SHEEP CROSSING 1ST BENCH---
 ALL eyes. TONS OF PEOPLE HAVE NEVER SEEN
 ONE IN THE WILD!

Ray flew us back in @ 3 PM., with a
 complete plane load of supplies (personal + TR)
 Earl seemed a bit sad to be leaving, he
 has kept things in good order. Our meeting
 in Boise was a productive one, regarding
 our predation study findings and possible
 continuation. IN attendance were; from F&G:
 Steve Madeau, Brad Compton, Pete Zager and
 Jim's Janet + Pope, Toni Ruth, and Holly's I.
 Pat Clark from Dept. of Ag. gave us all a
 demonstration of his prototype of GPS collars
 Also while in Boise I purchased 2 hubbarr
 ing assemblies for the backhoe. Talked to
 Scott Acker from Secesh about our sewer
 permit with TDEQ.

Thurs. Dec. 2

Still putting things away after the trip to town. Holly spent most of the day on the computer - getting it set up again and doing email catch up. She read the IDF&G study direction - Trout manuscript provided us by Pete Zager. I replaced the backhoe wheel hub's bearings. Used the hoe to do some more ground scraping & filling until it started to run bad. Responded to DR. Mark Orman about a poor immobilization experience done on a cougar in Oregon.

Friday Dec. 3 (Holly's Birthday)

I spent the morning trouble-shooting on the backhoe. I found 3 problems: a loose plug, air in the fuel filter, and very low hydraulic fluid. It seems to run well now. Holly responded to dozens of emails. I reviewed the IDF&G study plan for predator-ungulate research, made list of comments. Heated up the shop and cleaned it up some. Made Holly a birthday cake - which came out well! Holly up to 2:30 am getting the internet working on both computers. Wo. Wes working on benches @ 3:00 a.m.

Saturday, Dec. 4

Received some bad news today that past T.R. intern ⁽⁸⁸⁾ Stuart Markow had committed suicide in Laramie, Wyo., very sad for us. Ray Guse, friend and intern from '87 emailed us that news. We tried to get the cam tracker camera working no luck. We ended up taking the

bulky NPT camera up to the dead horse. Saw wolf tracks & beds near the carcass - not much left, set up the camera. Getting cold @ night (low teens), but so far the water system working fine.

Sunday, Dec 5

Down to 12°F this morning, the stock hungry & cranky! After a leisurely morning (rare)... although Holly did 2 loads laundry, we saddled Penny, Bird & Bat and headed downstream looking for a X-mas tree. Bat did fairly well being ridden - by Holly, and Bird got to pick the tree! Bird did quite well with her "weird load." We took several digital photos of the event. We also found a 3 pt. buck carcass on the streambank above Cougar Cr., which 3 or 4 wolves had been feeding on.

Monday, Dec. 6

Not as cold today, threatening to snow. I went up and checked on the remote camera, nothing to speak of up there. We cleaned our respective desks - catching up on personal's work paper work. Continued outlining comments for F&G research plan. Made prototype Christmas card-photo. Holly did many loads of laundry. She also sent out an email recommendation for Sarah Matick for work on a marmot study in Olympic Nat. Park.

Tues. Dec. 7

We spent virtually all day working on our project justification to IDF&G for making Big Creek a priority study area. Getting warmer outside, will need to cut up some elk meat soon. We emailed our justification and cover letter to Pete Zager, Craig White, George Bouky, Steve Nadson, and Brad Compton. Holly also processed receipts.

Weds. Dec. 8

No chance for a plane today - snow & rain. In the morning I tried to get the backhoe onto the strip to drag the fresh snow, but the thing began running poorly again, so I was lucky to get it back to the shop!! Holly corresponded w/ John Seidensticker on him coming in, and Wayne Minshall & Colleen Baxter on a Dec. visit. In the afternoon we hiked downstream to check on wolf activity. Holly saw where one wolf moved the deer carcass, I shot @ some geese (prospective X-mas dinner) w/out success.

Thurs. Dec. 9

Heard wolves howl on the benches while doing morning chores. Holly went up the benches and downstream searching, but never saw any sign of them. I wrapped 5 presents for the mail bag - but no plane today either. Sent emails to Peck about our "bid" to IDF&G, the wolf crew about getting a trapper

in here. I put together a written description for each of the 11 photos I mailed ^(put in mail bag) to Lynn Kinter to be used @ Stuart Markov's memorial. I put the tree up and Holly decorated it. Made arrangements for Katie Gillies and Russ Miller to come in over Christmas and be here while we are in Oregon. Also today, Holly mailed Mike Scott, Mike Schitzel, and Wayne Minshall about their reference book donations to TRFS.

Friday, Dec. 10

Today was better weather but still no mail planes. Ray A. opted for doing the main Salmon first. Hiked over to Rush Cr., saw 32 elk on the switchbacks, no sheep or deer. Continued working on outgoing mail, also sent emails to the Popes about Pedersen billing. Holly called the Cam Tracker people and got the remote camera working again. Hauled the front 1/2 of my elk to the house and H. and I spent the evening cutting/grinding and wrapping elk burger.

Sat., Dec. 11

Heard some distant howls last night. Awoke to 90 elk climbing up the benches. I continued cutting up meat for burger and jerkey. Put jerkey meat in brine. Holly ^{-star-} rode up to Cabin Creek counting sheep, she saw none and it rained as she came home. We ground and wrapped burger after dinner. Also today @ Cabin Cr. Holly got signal on the Golden wolverines.

Sun. Dec. 12

Nice and warm this morning. Put on some rubber boots and rebuilt the duplex water box dam. Used the "bucket pack" to haul boxes downstream. Just below the salt lick I saw birds on a Kill on the south side of Big Cr. I dumped the boxes along the trail and set up ^{2 signals near the kill.} the camera on the first usable tree. In the evening Holly, Mica, and I went up on the knob east of the old cabin. Saw a wolf on the deer carcass, then saw 3 plus this wolf up above in the trees. The big event of today was the mail plane finally making it in... lots of mail going both ways. Made phone calls to get some parcels to Boise via vehicle. Ray brought in 4 propane, 30 gal. gas, 3 bags of grain + mail & supplies.

Monday, Dec 13

Holly spent the morning working on the short story about Stuart Markow "saving the duplex" back in '88. While taking the weather I discovered a "spring" in front of the shop; the water line to Arlow's had come on and was broken... I shut it down at the box. ^(did not repair line) We hiked down to Cougar Cr. following wolf (5) tracks and signals (2). Corresponded with Isaac, the NIT trapper, about coming in... Wayne Minshull too, plus Chuck Middleton on the sheep count. I spent the evening writing / typing my "Stuart story" about him becoming the Pres. of our local hiking club... "4,000" (from TR.) to the 2nd Power Club... up both Horse Mtn. & Lewis PK. in the same day.

Tuesday, Dec 14

^{happened}
12/15 Spent most of the day doing Christmas cards, (probably 55 or 60.) Finalized plans for Isaac to come in for trapping - wolves. Holly spent 3/4 of today going over cabin relocation costs as requested by Dick Bottger. Cut & wrapped elk - back steak meat. We spent the evening putting together the '04 Christmas letter / photo collage. Daisy is still very lame - front right.

Weds., Dec 15

This was the day that we actually cranked out 60 Christmas cards, while waiting to hear word on the mail plane - which never flew due to fog. Emailed J. Pope about more Pedersen billing issues, Wayne Melquist and Mackenzie S. about hairsnag sampling proposal. Many elk on the ridgetop by the White Rock (cliff), and bighorns just above the 3rd bench. Holly picked up signal on both collared wolves downstream.

Thurs., Dec. 16

Isaac had to cancel. Wrote up capture experience resume for NPT, USFWS, and F&G emailed to C. Mack, G. Niemeyer, S. Nadreau. Continued assault on x-mas cards - up to 95 done by the time the mail plane arrived @ 4:15 (fog in Cascade). Ray forgot to bring in the NPT traps - that's a set back! Also today I did more trouble shooting with the backhoe. discovered a bad spot (porc lamp) on the fuel line at the carburetor. Haven't totally fixed, but know the problem.

Dec. 17, Friday

Spent the morning on cleaning and more cards. Pete N. flew in Wayne Minshall and Colden Baxter (ISU). We hiked over to Rush Cr., looked @ Waynes sampling sites with Colden. In the evening Colden did nighttime snorkel fish census... with a dry suite - still looked cold! He counted a lot of fish too - steelhead smolt, cutthroat, chinook smolt, rainbow... a few white fish. Arranged for Janet to come in tomorrow, along with traps & gear from the Tribe. Visited about aquatic research possibilities and talked Big Cr. history. Moved all my meat in the storage shed... a bobcat got on it.

Dec. 18, Saturday

Corresponded with FNAWS sheep count guys, they'll now come in on Monday when Janet P. goes out. Wayne, Colden, Holly and I hiked downstream, I came back @ Cougar Cr. - others went on to the Gorge. Met up with Janet P. at 1:30 when Ray flew her in. He stayed and visited until after 3 pm. I, Holly, Wayne, Colden back @ 4 pm. Colden "suited up" and snorkeled the Rush Cr. hole; before and after dark. He saw many more fish after dark (11:45) lots of juveniles. Visited late into the evening about the process of "fast tracking" a M.T. proposal by a core group of ISU Bio. faculty. Janet was very happy with the discussions... until going to bed an hour before the rest of us.

Dec. 19, Sunday

Spent all morning talking about research "focus"... not just for aquatic researchers but the field station, and went over details of the "MS Fellowship - DeVlieg" for ISU & UT. Saddled stock @ 1pm (4 head) and all but me rode up to Cabin CR. The group got back an hour after dark. They saw a bobcat and some sheep ^(±12) upstream. After dinner, Colder suited up and went snorkeling... in Rush CR. This time. He counted 400 juv. cutthroats @ the beaver pond. Got to bed by 11 pm. tonight! Cancelled the sheep count w/FNAWS, at least ~~this~~ involvement... we'll do it.

Dec. 20, Monday

We visited more about the DeVlieg MS. assistantship for ISU and UT. Did a quick tour of the DeVlieg Cabin and Lab with Wayne & Colder, then Middle FK. came in and flew them out. Visited with Janet on several Funding, collaboration, and D. Foundation issues. Ray came in, via Pistol CR., at about 3pm. He picked up the mail so we'll be "skipped" on Weds. Caught up on emails.

Dec. 21, Tuesday

One of the cats, Martin, is missing. We think the "local bobcat" might be responsible. Re corresponded with the wolf mgmt. "group" on our immobilization exper./training. Seeing a lot of sheep on the benches, counted 40 from the yard. Sent about 20 email Christmas messages. Still no sign of Martin the cat by dark.

Dec. 22, Weds.

Heard this morning about the memorial service for Stuart Markow. Lynn Kinter said that our photos and stories were well received. ^{-NO water--ice @ intake-} After the morning chores we headed up the benches to do the "prime transect" of the sheep count. We counted 607 sheep: 42 ewes, 16 rams, 9 lambs. We split up on top and I searched over to the "white cliff," where I saw a lot of bird activity in the draw below. I found the carcass - a dead lamb, with no sign of a larger predator - just cages. Not a lot of tissue left, but the scene looked ~~like~~ more like disease death than predation. It snowed off and on through out the day. Holly & Mica came off the top to visit cougar flat. They tracked a ♂ cougar off the top. Janet Pope emailed to say that they bought 2 mates!

Dec. 23, Thurs.

Awoke this morning, again, to no running water. We're going through the "slush phase" again. I headed up Rush Ridge while Holly & Mica went up to Lo Hener. ^(Last legs of sheep count) I took the receiver and got signals on the 2 Golden wolves in Brown's Basin, and a signal on Whetthin @ the mouth of Lewis CR. I saw several deer's CLK but no sheep... except tracks. Fortunately, Holly had a good count - 8 in Mute Basin and 18 more some place, but south of Big CR. I saw 3 different bobcat tracks.

Dec. 24, Friday

Did some "last chance" Christmas cards before the mail plane. Ray flew in late morning with his granddaughter - ^{Carlan} Kaitlin, Katie Gillies, and Russ Miller. After a visit we hiked downstream with Katie and Russ and checked out the remote camera's bait. Russ made up a tasty pot of halibut soup, and Holly baked a pie and some rolls. Then we watched the Christmas story - at Katie's request!

Dec. 25, Saturday

Awoke to no running water so had to redeem that problem, and do other chores, prior to present opening. Holly, Katie, and Russ took 4 head up to Lobauer Cr., looked @ sheep and got cold. Had elk and caribou and many other "accoutrements" for Christmas Dinner.

Dec. 26 Sunday

Katie & Russ here. Wake up; fed the mules; got the weather. Jim showed us some technical "ranch-keeping" - mostly I stood by and watched Russ. Jim try to start the snowblower (starter fluid is the key!) Russ took us for a ride on the backhoe up and down the airstrip (Russ loves heavy equipment) Russ & I hiked to the remote camera - I carried the meat, Russ carried his gun. I baited the site - no new activity at the camera, just two new pictures of my hand. Russ & I continued down the trail groove hunting (hiking with gun).

We didn't see a grouse, but Russ saw a bobcat on the creekside. Jim and Holly flew out about 3:30 PM. Just an hour later, I could see that Bird was not where she should be. One of the mules opened the gate to the shed that stores the grain cubes. So we ran down; chased her out. Somehow they sensed that Jim + Holly had left; decided to create some mischief. Dirty little buggers!

Dec 27, Monday

Katie + Russ here. We had a big day! There was no pressure in the turbine, so we had to fix that. Hiked up pioneer cr; shot a cottontail. Rocky penetrated the electric fence, had to chase him out. We set out to hike the benches, but changed our minds when Russ saw 6 drake mallards on Bigcreek. We decided to stalk; jump shoot. Five shots fired, only one duck fell between the two of us! As Russ brought back the duck, he surprised me with a marriage proposal! Instead of a ring, he got me a handcrafted carved walrus necklace from Alaska. I said yes! It's probably the first marriage proposal the airstrip has seen! After lunch, we headed up the benches, hoping for a chance of some pictures of bighorns. We got above the 3rd bench, and within 40 yards, we saw a golden eagle on the ridge. Just as we were finishing up, we heard the wolves howling! They howled for 10 minutes or more, it sounded like they were up Rush cr. By the

time we got back, fed the mules, and got changed. I listened for them with the telemetry, but got no beeps! The wolves we heard weren't bothered. We ate fresh rabbit for our engagement dinner.

Dec 28 Tuesday

Katie; Russ here. We had a work day. Woke up; did the chores. The dang mules keep breaking through the "fence" by the lab. The poles have been pulled out; we can't find the original holes. We can't push them in the ground because it's frozen. To solve the problem, we brought down some sediment sludge from the intake box to hold them in place. It worked! That wet sludge froze right up. Russ fixed the fence/gate to the corral; put a handle on the door in the grain shed. I cleaned the duplex; the cabin. El took Jim's advice and put Penny; Rocky (the instigators) in the corral for most the day. But when El went; left them out, that Rocky went right to the fence; started nosing it! I chased him off - what a stinker! We saw about 100 head of elk on the hillside above the airstrip. Russ watched them through the spotting scope most the day.

Dec 29 Wednesday

Katie; Russ here. Wake up this morning and had to deal with the mules. We strung a second line of electric fence to confuse the buggers. Penny; Rocky are mad

at us because we keep grounding them to the corral. In fact, Penny escaped the corral, too. We had to repair that, too. Russ and I hiked downstream to hunt. We checked the bait spot, the meat was gone, but we couldn't see any tracks and the camera only took one picture. Russ took the bow; practiced shooting rabbitbrush. That's all we got a chance to shoot! No grouse; just saw one cottontail. On our way back, we could see the snow coming in. It's sure coming down good right now!

December 30, Thursday

Katie; Russ here - we got about 1 1/2 inches last night. Russ dragged the airstrip this morning and said there were dozens of beds on the strip. The elk spent the night. I split wood, did the dishes, cleaned off the solar panels; did the weather. We went hunting up Pioneer creek, but were unsuccessful. We didn't see a thing! The mules were actually behaving today, so I rewarded them with a carrot. Bird very friendly now. And Bat is even semi-social when a carrot is involved. Big Creek was blowing chunks of ice like a slushy machine. The temp rose to 35° today and the ice that's been building just blew out.

It was starting to snow again as the sun set. Still no sheep on the benches.

December 31, Friday

Katie & Russ here - last day of 2004!
 Woke up to more snow today. Russ had to drag the airstrip again. We went and checked the bait station again. With the snow, we saw coyote tracks & bobcat tracks on the trail, but we only saw magpie tracks around the bait. Russ hiked upstream hunting and saw 40 elk on the hill. At sunset, we saw about 50 Canada geese on the bend by the airstrip. We tried to stalk them, but they spooked right off. We had mule deer roasts for our last dinner at TR and for the year. We don't want to go back!

- 2005 -

January 1, Saturday

Katie & Russ - still here. Jim called from Baker around 9³⁰ AM, said there was snow. We didn't know if we would fly out, so we waited around to hear from Arnold's, but the radio is on the fritz. Jim called again around 2³⁰ and said it was snowing heavy in Cascade - so no flying out. It's sunny, though, I've got blue skies here. Russ

practiced the bow some more - he was shooting at a shriveled kiwi on the airstrip. So we didn't do much, just waited to hear the news. I guess we'll see if we can fly tomorrow!

January 2, Sunday

Katie and Russ did the usual morning chores. We drove from McCall to Cascade @ noon once the fog lifted... and snow quit. Waited a couple hours, then Ray flew us in with a plane load of "things" - personal stuff and TR supplies. ^(Ray flew out K.E.R. via the NWd. FK) Spent several hours putting things away and getting settled back in. Holly spent a few hours trying to get the computer-email working. She finally succeeded with our Dell backup; the new Compaq will be headed to Toay @ UofI... again. A lot of coyote howling around the grounds last night. Got caught up on about 40 emails. Started a fire in the duplex and cleaned the water intake. Our friends Philip and Janet called from New Zealand regarding our upcoming trip - in March.

January 3, Monday

Getting back into the routine around here -- stock care, ^(monthly report) weather, water box and line clearing, answering emails. Clarence Binninger called regarding immobilization refresher training. We decided to bring Clarence in here on the mail plane this Weds. Holly spent more time on the

computer - emailing Tony about the new computer problem. She also contacted M. Draw Clarence B. et al on the drug handling training. She spent the evening - night working on getting our New Zealand plane tickets via internet.

January 4, Tuesday

Took down the Christmas tree and did some household reorganizing. Got personal and business mail ready to go out tomorrow. Temperatures never got above the teens today... so far so good on running water @ the Taylor Cabin, but the duplex started to "freeze up," so had to build fires and put the portable electric heater under the building. Kept the 2 fires going until 11 pm. Also today I moved some hay cubes and used the backhoe to break out the stock watering spot... also got "the hoe" stuck for a bit. The mules & Star were very happy to have good water access.

January 5, Weds.

A mail day - once the fog lifted in Cascade we had 3 people come in; DVM Clarence Binninger to bring us up to date on drug handling/record keeping, and Troy Hawk Sr. and Jr. to spend a week doing maintenance work and wolf searching. We spent 2 1/2 hrs. with Dr. Binninger with training on human & animal safety, plus proper drug handling & record keeping. Ray came in @ 3:30 and took Clarence out just ahead of a snow squall in Cascade.

Jan. 6, Thurs.

I spent most of the day working with the Hinck's getting the fence materials moved from the old cookhouse vic. to the new section in front of the Lab building and DeVlieg cabin. Started using the backhoe but ran into problems with the fuel line again - which took an effort to get it back to the shop. Harnessed Rocky and used him to move most of the poles and backs. Holly did several emails about the DeVlieg assistantships (to Janet P. & Diane H.) and she corresponded about webedit training. Also today, we lost the running water to our cabin. Went a head and drained the duplex line/system. Purchased tickets for our New Zealand trip... via internet.

T. Cabin
H₂O
frozen

Jan. 7, Friday

The Hincks spent the morning on face back building and material layout. After the morning chores, Holly and I put together the over-ground "heated hose" water line. Our hose insulation is getting marginal after 4 years, or so, of use, but we patched it together for another year. The short, hillside connection line had quite an ice plug - 30" in length. This took a lot of heating with a blow dryer and tapping with a steel rod to clear it (also took the faucet off for a straight shot w/rod). By 5 pm we again had running water! Showers were welcome by all after dinner. Pat & Merry Armstrong were going to fly in but had to cancel given the weather and a tight schedule.

Jan 8, Saturday

A day off. Holly and the Troy's saddled 3 head and rode up to Cabin Creek. They saw and heard a lot of wolf activity... and found a kill (yag. cow elk) in the east Cabin Cr. flat. They saw bed evidence of 7 wolves. I manned the fort, did some chores and hiked around a bit w/ Mica. Also made a Chili's biscuits for the crew returning at dusk. Glued up the yagi antenna (is straightened) that Troy accidentally broke when falling through the Rush Cr. ^{ice}. It has snowed 3" since yesterday.

Jan. 9, Sunday

I decided to snow blow the airstrip today. Holly & Troy JR. (& Mica) went downstream while Troy SR. helped me. Had a rock wedge tight in the auger which caused some problems, but we fixed and straightened auger blade. It took about 5 hours of effort to get the strip cleared-down to grass in a lot of segments... and lots of rock throwing. Holly and Troy saw and tracked a 3/4 c. ram from Cougar to Cliff Cr. He has a bad hind leg break. Watched NFL playoffs (football).

Jan. 10, Monday

A typical Monday... chores, then email catch-up. The Troy's made good progress on the rail fence. I did some writing for a PBS (archery) article, and pulled together "4 Decades" cougar data. Holly worked mostly on "collaborations"... for the Flathead Lake

Hydro.
H₂O system
INFOR

meeting and for the Bibliography, Travis and Joe stopped by en route to Cabin Cr. and their cougar hunts. The water system is doing OK, the heat tape does draw the stored amps down in the hydro (~24) if left on overnight. We basically have 2 segments (ext. cords) so when possible we leave one off... such as during the day.

Jan. 11, Tuesday

A busy day here with all systems still going. The sad event of the day was the discovery that Simon (the 2nd cat) had also been killed by the "big local bobcat." He was fatally attacked while getting a drink out of Pioneer Cr. by the hydro. The little black cat will be missed. Holly did many business contacts today - Russ Thurman and Dave Burns about the "structure" of our research interships. She also emailed many CNR folks about a proposed name change for T.R., and possibly dropping "the ranch." Jeff Brnatne started this dialogue -- nothing new for us. She also contacted Jesse Davis about undergrad. fish research... to contact Colleen Baxter and Jeff Brnatne. I harnessed Rocky and with "the Troy's" we cut and skidded in 4 more fence poles - enough to finish most of the DeVling rail fence. We got the poles from the sage-flat trail. Ed Krump called and visited with Holly about the proposed name change options for this place.

Jan. 12 Wednesday

A mail day, so the morning was spent getting ready for that. Holly collected a bunch of literature from the lab to go up to Moscow to help the group working on the TR Bibliography. I wrote up a list of instructions for the backhoe fuel tank repair. I also drafted a job announcement for the Asst. Manager - maintenance person position - in a longer term capacity. The Troys wrapped up the fence job and I helped them clean up... & touch up on some "finish details." They got ready to go, but Ray never made it due to snow squalls between here and the Main River. Holly made a nice Enchilada dinner for the stranded Hick's... and us.

Jan. 13, Thursday

Ray flew in fairly early this morning, bringing in the mail and taking out Troy Sr. and Troy Jr. Holly got locked-in to another day of emails... website coordination, and bibliography planning. I drained the duplex water heater and re-winterized the duplex toilets & drains. I liked over to the sage flat and then up to Ram canyon and beyond to see what's going on. No sign of the "fry-broken tam." Worked a couple hours on organizing materials for the "4 Decades" writing.

Jan. 14, Friday

Cold last night - 3 above zero. We spent the morning on emails & upcoming task planning. I finalized the Asst. Manager job description and sent to Dick Bottger for review. Holly took the afternoon off (officially) and I pretty much did the same, at least after 2pm. She hiked downstream, found a dead fawn below Cougar Cr. She thought it died from a twisted gut or similar. I hiked up Cliff Cr., tracking a bobcat around looking for the "broken leg ram."

Jan. 15, Saturday

I hiked around the sage flat and lower Rush Cr., found a cougar killed elk near the Rush-windsock. It looks like a very fresh kill... by a smaller cougar (young female). Holly cleaned the house, dusted/polished the logs. Holly worked with the acutes a bit. I finished my "bowhunting technology essay" and emailed off.

Jan. 16, Sunday

Holly trimmed the front feet on all the stock, still trying to determine the point of Daisy's lameness. She treated all the stock for thrush - with Coppertox. Set up the "small" remote camera on the cougar kill. I watched a couple football games - both my teams lost (Vikings/edts). We made several sat. phone calls (yesterday) to use up our minutes. Did the usual chores

Jan. 17, Monday (MLK Day)

checked the remote camera after doing chores - all the pictures taken and the batteries dead so I pulled it. There were fresh tracks (coyote) by the carcass this morning. Saddled Penny and the young mules and rode down to Goat Basin. Holly rode Bird who was "squirrelly" at first but got better. She did not like the Cougar CR. crossing. Put the camera back out this evening after changing batteries and film. A smallish bobcat spent the day @ the carcass. We also packed 8 bags of feed from storage to corral shed. A lot warmer today ($> 30^{\circ}$)

Jan. 18, Tuesday

Spent the morning catching up on emails - 15-18 after a long weekend. Holly visited with Lisa Garrett about the ^(data base) webpage. She also tried to get the 3rd string computer on line, couldn't get the wireless connection to work. I saw the large bobcat at the elk carcass, called Holly (radio) and we watched the cat until dark. Holly was up half the night working on webpage edits for Janet Pope... editing her work. I mailed Bill Rippte @ OSU about collaborative research with wolves and elk and vegetative response... with Idaho (here) being a comparative site to Yellowstone. Holly did the monthly phone bill today too. Got some mail ready to go out tomorrow. Holly also communicated with J. Braatne about travel grants... for an April trip.

Jan. 19, Weds.

After the morning chores I did about a half dozen emails, then began putting the "4 Decades" outline on "the other" computer. Holly worked on the TR data base issues most of the morning. It was very foggy this morning, so we were surprised that Ray made it in early afternoon. Mid. FK Av. also flew in today with Travis and another cougar hunter. Travis called today, said his first 2 hunters took nice Tom's - on Vinegar Hill & Mite High. One cat had a healed over arrow wound (part of arrow still in it). Checked the camera this am and saw the cougar - a \pm 60 pound sub adult. Holly killed upstream to Lobauer this afternoon.

Jan. 20, Thurs

Checked the remote camera - took 6 photos, maybe of the cougar as fresh tracks were around. I worked on "4 Decades" ^{2-3 hrs} outline. Holly visited with Jeff Braatne and convinced him to figure in with a couple other "new" UI faculty. I spent 3-4 hrs. searching for my climbing gear (sportsman grade). Holly spent many hours on the website edits... and emailing back & forth to Janet Pope. Daisy still on SMZ and Buta - as a paste, this makes 6 days and she seems to be walking a bit better. Saw the big bobcat @ the windsock carcass this evening.

Jan 21, Fri.

This morning I went down to the storage shed and immediately located the box with the climbing gear (only place I didn't check yesterday!). Holly was going to take most of the day off, but spent most of it on the computer doing website edits and work emails. I spent $\frac{1}{2}$ the day on the "4 Decade" out-liaison "literature to use" reviewing. Corresponded more about the Braatne et al trip tomorrow with McCall Aviation. Arranged with Isaac & the Tribe to do a wolf trap swap - for some ^{traps} fitted with rubber strips on the jaws. Holly and I put out more bones/bait downstream below the Salt Lick. Holly also returned to set up one of "the big" remote cameras. I messed around with the windsock camera - couldn't get it to take photos so brought it back. Holly reset one of the switches and got it to work so I set it back out. I saw the big bobcat about 4:30 today ... at 35 yds. on the carcass - then running up the bluffs.

Jan. 22, Sat.

We did some cleaning this morning prior to the "group visit." Late afternoon the UT Faculty Core Flight of Jeff Braatne, Kerri Vierling, Brian Kennedy, and Stephanie Hampton were flown in by Rod Neitson from McCall. We visited about course offerings (expanded internship), walked around Lower Rush cr., and toured the facility. For a 3 hour visit we got a lot accomplished.

Jan 23, Sunday

Took the day off. Holly rode Star down to the Middle Fork, didn't see much. I tied flies, watched football, and did the usual chores. It was a very nice, sunny day today.

Jan. 24, Monday

Saw a large coyote on the airstrip. Holly pulled the "shot film" from the salt-lick camera set - downstream. I spent a lot of the day on 4 Decades - planning matters... contacting the co-authors about an essential get-together. Holly also started her own "priority outline" for this writing. Did the usual batch of business emails. Did several ^(bad makes) fence repairs.

Jan. 25, Tuesday

After the morning chores and emails I called Kerry Murphy about publication outlet - advice. Holly worked on getting caught up on the last week or so of emails... since she's been tied up with web-edits. Shortly after noon we had 2 visitors arrive... David Walker and Ken Davis. They came down Cliff Creek and originated @ Cold Meadows. They will end up going from Thomas Creek (Mid. FK) out to Cape Horn - 2 mos. from now! I moved cubes w/ Rocky, w/ Ken's help. E-mailed Cinnamon about the bear census study... postponing for another year. Holly emailed CNR folks about the administrative process for the "travel ^{TRIPS} grants."

Jan. 26 Wednesday

Spent the morning getting ready for the mail plane. Communicated with W.L. Workshop organizers to try and determine if we want to do a presentation & paper there. Gave Dave and Ken a tour of the facility and Sagebrush Flat - where Jess Taylor's ashes are placed. Jess was Ken's great uncle, and his Dad spent a lot of time here and with Jess's Dorothy. Ray brought the mail in ^{mid-}early afternoon. Began outline for this year's annual report.

Jan. 27 Thurs.

After the morning chores we got Dave & Ken checked out on radio-telemetry. They will try and locate the Golden er. pack upstream and camp on Mile High... they headed upstream with backpacks. Transferred wildlife sightings from this book to the '05 wildlife sightings journal. Holly logged another day on the web page edits. I got a start on the annual report - section writing.

Jan. 28 Friday

The morning began with one sick mule (Bird) and the day ended with another mule down (Bat). We think that they have eaten some toxic bark? Bird was fine by noon so we actually rode the two youngsters on the airstrip. Bat didn't exhibit her "belly ache" until dinner time... just wanted to bed in the manure and not eat. Besides the foliage eating, they ate a lot of the pole fence in front of the old cabin.

Jan. 29, Saturday.

I took a day away from TR paperwork. Holly got sucked into working on the web page, and contacting faculty (B. Kennedy) about prospective researchers (undergrad.) Also had to send Kerry Reese a clarification on our "internship promotion activities"... or how we match faculty with possible students. Emailed back & forth with J & J Pope about starting a TRFS Endowment. I spent some time hiking around - trying to call in a tobacco, with various varmint calls - no go. Cut & wrapped the rear half of my Nov. deer.

Jan. 30, Sunday

Holly, Mica, & I set out a new "remote camera set" at the Rush Cr. crossing - baited with deer scraps. We saddled Bird & Bat and rode down to Goat Cr. Aside from some resistance @ Creek crossings, the two young mules did well. The corral and feed area is a sloppy, muddy, mess. Dave & Ken returned this pm., They reported no wolf sign upstream to Garden Cr.

Jan. 31, Monday

A day of many emails! Holly also did the lodging bill for Dave Walker and Ken Davies before they headed for Waterfall Creek & on up the Middle Fk. Holly emailed Dick Botzger about supervision issues. She also emailed Brad Williams (DVM) about getting together with the ACUC committee. Then she stayed up till midnight working on webpage edits... actually "dueling" with

Tacet Pope on the edit function. I waded through a half-year of the Taylor Book, pulling out details for the Annual Report that I'm working on. Holly also started sorting things to take to Moscow in a couple of weeks... and scheduling the day-by-day. Kate Lambert submitted her bat study proposal & Devling undergrad. research.

Feb. 1, Tuesday

Fairly cold this morning ~ 27°F. I continued on Annual Report details. Holly outlined the "elements" of our "actual" job description to bring to Moscow. E-mail corresponded with Brad Williams - getting a time slot with the ACUC committee. Also communicated with Jeanette Wallace about the return of the spearpoints. Oh ya, this morning while watching the CNN news we saw Annie-Jane Brumble - she had been on "semester @ sea" boat that experienced a destructive wave in the Pacific and had to go to Honolulu for repairs. Two more proposals for the Devling grant came in... Mackenzie Shardlow and Jesse Davis. Mackenzie for mustelid surveys and Jesse on Fish research. 29 emails in today - at least that many sent out. The Asst. Mgr. position (for here) was advertised on the website - yesterday first day. I sent some advertising edit suggestions in to Pam Bell... for this job listing. Wrote up the monthly weather report. Also today we rode the young mules up on the benches. All went well until Bird pulled away from me on the first bench... ^{on route back} running down the steep sidehill with reins dragging. Holly was on Bat and she took her on a ride down the steep slope... spooky, but came out OK.

Feb. 2, Wednesday - Ground Hog Day

The usual winter routine first... restore the water - then do the chores. Temps. back down well below freezing. Prepared mail to go out, especially letter ^{Holly did} & justification for upgrading our position from Manager to Director. I worked more on the Annual Report and many bus. emails. Ray flew in midday. After he came & went, and we put things away, we saddled up the young mules and worked more on their riding training. Twenty+ sheep were all over the cut bank N. of Big Cr. by the bridge.

Feb. 3, Thurs.

Holly worked on written comments to Kate (Bats) and Jesse (Fish) who have applied for DeVlieg research grants. I gave recommendation for Cory Shale for bird survey job in Arizona. I continued working on the Annual Report and planning for Fair to Moscow. 20-25 bighorns visiting the cut-bank on B.C.

Feb. 4, Fri.

Awoke to no running water - had to go through the full process of cleaning screens & bleeding air out of the system. We sent/received several emails (J. Pope, B. Kennedy, J. Braatve) about the DeVlieg Masters proposal submitting deadline. Holly sent suggestions to Mackenzie on her mustelid proposal (w. cc. to J. Racklow. I continued plugging away on my assorted paperwork - primarily Annual Report. Rode young mules up on the benches - did DR.

Feb. 5, Sat.

Holly saddled Star and rode to Cabin Cr. I answered some emails (hus.) then took Mica for a hike around here - Rush, Pioneer, Cliff to check out tracks after the light snow we had last night. Two different bobcats have been around the bldg. and over to Rush cr. on the high trail. Put elk leg bone up L. Cliff to attract - something (wolves, eventually). While at Cabin Cr., Holly searched for Dr. Pillsbuds "hobo traps" in Cow Cr. Had his directions, but still couldn't find. I visited with C. Peterson about his summer visit plans. mid June... mid July (JX)

Feb. 6, Sunday

Decided to burn a burn pile this morning - above the orchard. Had to restart the H₂O line again. Holly went for a hike to the 3rd bench. Brought back an elk skull - from a carcass we found the other day - has classic cougar bite marks on the nose. Cut up & processed our last elk hind quarter - laborious burger grinding. Watched the Super Bowl some, but my team's performance was not impressive (Eagles lost to Patriots 24-21). Holly also processed our remote camera photos into "emailable" format. We had 16 visits by carnivores (cougar 6, bobcat 6, coyote 3) documented on one calf elk carcass.

Feb. 7, Monday

Awoke to no stock. They had broken through the fake electric by the old cookhouse, crossed Pig Cr. and taken off. I searched downstream & up, but later determined that they had gone up on the benches.

Put up a strip of electric fence with the camp-fencer, but can't get a good ground with the frozen ground. Fixed the pole fence NW of the corral where some had broken out. Later in the day I went up to the 1st bench and brought the "awol" herd home. Holly sent out a Big Creek "winter report" to Fishbane and research cooperators... talking about weather conditions and carnivore/ungulate activity. She also read De Vlieg graduate proposal (Braetse), and looked at several web-links for research... ideas on layout. I worked on annual report when not "mule tending." Rode our young mules up to Big Cr. a bit for training. Their reactions told us where they had broken out last night!

Feb. 8, Tuesday

Another day of Moscow trip preparations... 40+ emails, working on the annual report etc. I electrified the rail fence below the corral - using the portable solar fencer. I re baited the Rush Cr. camera, still only 17 photos taken.

Feb. 9, Weds. - Jim's B-day... #48

We spent the early morning restoring the water and hydro. Got some bus. mail ready to go out. Ray brought in Janet Hohman for ranch-sitting. Holly worked on an endless string of ^(42 out) emails and coordinating times for meetings, ^{etc.} Sent out M.L. Workshop presentation abstract, and correspondence about it. Janet and I went over "stock management issues" and chew stop application... areas.

Feb. 10 Thurs.

Still getting ready to go to Moscow; still scheduling... rescheduling meetings. We also attacked the water box - sediment mucking, and hydro. - replacing the brushes & bearings. ^{CAP} I wrapped up the annual report (almost)

hydro.
maint.

FEB. 11 FRIDAY

JIM & HOLLY SPENT THE MORNING ORGANIZING & PACKING FOR THE TRIP OUT - HOLLY WORKED ALL NIGHT WRITING * DIDN'T GET TO BED UNTIL 5am!!

JIM SHOWED ME THE REMOTE CAMERA SET-UP AT RUSH CREEK BUT WE WERE UNABLE TO GET THE CAMERA/ELECTRIC EYE TO WORK. CHANGED FILM IN THE CAMERA & THE NEW FILM WOUND ON O.K. REBAITED. A COYOTE * A BOBCAT TRACK AT THE BAIT, ALSO MUCH MAGPIE SIGN. WE RETURN TO RANCH JUST BEFORE RAY LANDS WITH CHERI MILLER * KETH, THE VET FROM CASCADE. WE ALL WATCH THE VET CHECK DAISY'S FOOT, INCLUDING X-RAYS! VET, JIM, HOLLY FLY OUT WITH RAY AROUND 2-2:30. CHERI * I GO RE-TRY THE RUSH CR. CAMERA * STILL NO LUCK. COME BACK, DO

WATER BOX DE-ICING & OTHER EVE. CHORES.
 IT CLOUDS UP & (HOPEFULLY) WILL STAY WARMER
 TONIGHT.

FEB. 12 SATURDAY

UP VERY EARLY TO LIGHT SNOW FALLING @ 30° -
 SHOULD MEAN LESS ICE PROBLEMS. MAKE THE
 MORNING ROUNDS, ALL SYSTEMS GOOD. FAIR AMOUNT
 OF FINE DEBRIS ON H₂O INTAKE. DAISY SEEMS
 THE SAME - NOT VERY PERKY. CHERI HIKE DOWN
 TO THE LOWER CAMERA SET. CAMERA IS WORKING
 & HAS 11 PHOTOS TAKEN. BAIT STILL THERE;
 NO NEW TRACKS. RETURN, PAINT FENCE RAILS
 WITH NO-CHIEW. WATCH BIRD FOLLOW ALONG
 BEHIND LICKING THE PAINTED AREAS! SO WE QUIT.
 HIKE UP TO 3RD BENCH IN AFTERNOON. NO BIG GAME
 SEEN, & ONLY 2 MAGPIES & A CLARK'S NUTCRACKER
 HEARD. NICE SUNSHINE & SHADOWS. FIND A TINY
 BLOOMING Geum triflorum, A MINIATURE VARIETY
 COMPARED TO THE ONES I'M USED TO. SIDEMILL
 DOWN CLIFF CREEK & BACK TO RANCH IN TIME TO
 DO EVE. CHORES.

FEB. 13 SUNDAY

MORE SNOW GREET'S US THIS a.m. : BIG WET FLAKES
 FALLING & ABOUT 3" ACCUMULATED ON GROUND.
 ANOTHER WARM NIGHT - WATER BOX NEEDS NO WORK,
 HYDRO RUNNING FINE. AFTER CHORES WE HIKE DOWN RIVER
 IN THE SNOW. TRAIL DEADLY - SLICK IN SPOTS, SO THE
 GOING IS SLOW. NOT A SINGLE TRACK SEEN ON
 THE WAY DOWN. NO ACTION AT REMOTE CAMERA SITE,
 BAIT UNDISTURBED. HEAR / SEE SEVERAL DIPPERS, 1
 BELTED KINGFISHER, SEVERAL GOLD-CR. KINGBIRDS.
 THE LACK OF TRACKS & BIRDS SEEMS NOTABLE; USUALLY

I SEE A LOT ON THIS HIKE. SNOW TURNS TO RAIN ABOUT WHEN WE REACH DUNCE CR. & WE DECIDE TO RETURN TO TAYLOR. UNEVENTFUL RETURN - SEE 1 SET OF COYOTE TRACKS ALONG THE RIVER ICE-EDGE ABOUT $\frac{3}{4}$ MI BELOW TAYLOR. RAIN STOPS BY THE TIME WE GET BACK. DAY OFF; WRITE LETTERS; TRY WOLF SIGNALS ON RECEIVER FROM POINT ON TRAIL ABOVE HOUSE - NO LUCK. DAISY ACTING MORE CHIPPY & MOVING A LITTLE EASIER TODAY. MICA PRETTY STIFF IN PM FROM HIKE.

FEB. 14 MONDAY

CLEAR & STARRY AGAIN LAST NIGHT. LOW WAS 18° BUT HYDRO & H₂O LINES FINE. FEED, SPLIT WOOD, HIKE TO PUSH CR. CAMERA TO TRY & GET IT TO WORK. NEW C BATTERIES DO THE TRICK & IT WORKS AGAIN. BAIT WAS TAKEN BY 2 BOBCATS (JUDGING FROM TRACKS). ALSO SEE 2-3 SETS OF COYOTE TRACKS ON TRAIL & ON SAGEBRUSH FLAT. BACK TO CHECK IN ON RADIO & THEN WE HEAD UP TO CABIN CR. TRAIL NOT NEARLY AS Icy AS DOWNSTREAM SECTION. HEAD OF 18 BIGHORNS 200' ABOVE TRAIL ABOUT A MILE UP FROM T.P. (BASIN JUST DOWNSTREAM OF LOBAUER BUT ABOVE PUSH CR.): 7 EWES - 1 W/ OLD GRAY COLLAR, 1 W/ GASH IN LT HIND LEG; 2 LAMBS; 9 RAMS - 4 CLASS 2, 3 CLASS 3, 2 CLASS 4. 1 OF THE OLDER RAMS LOOKS SCOFFY & SKINNY, 1 EWEE SKINNY, OTHERS LOOK FAIR-GOOD. 1 BALD & 1 GOLDEN EAGLE ABOVE LOBAUER - BALD STOPS ON GOLDEN BUT NO CONTACT MADE, MEET TRAVIS BRINGING OUT HIS CAMP FROM CABIN CR, HEADING FOR FLYING B - SAYS HE'S DONE HUNTING FOR THE SEASON.

LUNCH AT CABIN CR. IN SUN UNTIL A SNOW SQUALL DRIVES US BACK DOWNSTREAM. SHEEP STILL WHERE WE SAW THEM IN AM, HIKER ON SLOPE. 1 OLD CHEWED - ON BACKBONE & RID CAGE IN TRAIL AROUND BROWNS BASIN. BACK TO RANCH (& SHADE) AT 4:30. FEED, ETC. READ & WRITE p.m.

NO WOLF SIGNALS TAYLOR → CABIN CR.
TAKE WELWRAP OFF DAISY'S RIGHT LEG.

FEB. 15 TUESDAY

CHERI FEEDS & I DO WATER CHORES THIS AM.
 I SPLIT WOOD WHILE CHERI SWEEPS CABINS. ONCE IT WARMES UP, WE PAINT HOT-PEPPER-LACED NO GREASE ON TO FENCE / CORRAL RAILS BUT QUICKLY DISCOVER PENNY - THE RED MOLES LIKE THE STUFF - THEY LICK IT RIGHT OFF THE BRUSHES! DAMN!! SO ONCE AGAIN WE QUIT, BAFFLED. WE CHECK LOWER REMOTE CAMERA - BAIT GONE SO WE RE-BAIT. CAMERA IS ON PICTURE # 13 (2 MORE THAN LAST TIME). THEN WE TAKE THE LOWER (OLD) TRAIL TO THE RUSH CR. CAMERA SITE. BAIT GONE, SO WE REBAIT IT. CAMERA IS ON PICTURE # 2. (1 MORE THAN LAST TIME ALSO). POKE AROUND ALONG CR.; FIND OTTER TRACK BETWEEN 2 OPEN LEADS, SEE A FLASH OF WHITE ON FAR BANK THAT WE DECIDE WAS A WEASEL - BASED ON TRACKS. RETURN TO RANCH AROUND 4:30, DO CHORES, READ IN PM. ANOTHER GORGEOUS DAY.

FEB. 16 WEDNESDAY

TO THIS MORNING, CHERI HEARD A HOWL AT 1130 LAST NIGHT - THINKS IT WAS A WOLF. WE TRY TELEMETRY FROM YARD + HILL ABOVE YARD - NO SIGNALS HEARD. WE WORK ON STOVE WOOD PILES WHILE WAITING FOR RAY + MAILPLANE. SOME BIGHORNS ON 1st BENCH - AROUND 20 AT NOON, 64 COUNTED AT 6 pm, RAY ARRIVES AROUND 3 pm + PICKS UP CHERI. I WALK OVER TO SAREP LICK BEHIND BARN TO SOAK UP THE SUN. COME BACK, BREAK ICE BELOW STOCK WATER HOVE TO KEEP THE CHANNEL OPEN. FEED, DE-ICE AT WATER BOX. DE-ICING MORNING, NOON, & SUNSET HAS KEPT HYDRO GOING AT AROUND 900 RPMs, NO AIR

IN LINE, - EVERYTHING WORKING WELL (SO FAR).
 EMAIL, READ IN PM. DAISY ACTING O.K., NO
 VISIBUE DISCOMFORT, TAKING THE DAILY DOSE OF
 BUTE. O.K.

FEB. 17 THURSDAY

MY GOOD LUCK WITH THE H₂O SYSTEM ENDED TODAY -
 I SPENT THE ENTIRE DAY TRYING TO RESTORE FLOW TO
 THE HYDRO PLANT - HOUSE - UNSUCCESSFULLY. I WAS
 BACK - FORTH TO THE WATER BOX & HYDRO PLANT, OPENING
 & CLOSING VALVES, RUNNING GENERATOR A COUPLE TIMES,
 DE-ICING WHERE NEEDED, CALLS BACK & FORTH TO
 JIM GAVE ME NEW IDEAS TO TRY BUT NONE OF THEM
 WORKED. IT APPEARS THAT SOMETHING (AIR MORE LIKELY
 THAN ICE, ACCORDING TO JIM) IS PREVENTING A GOOD
 STREAM OF H₂O FROM FLOWING THROUGH THE PIPES.
 I HAVE NONE AT THE HOUSE - ONLY A TRICKLE AT
 THE HYDRO PLANT AT 8:30 am - THIS SITUATION DOESN'T
 CHANGE ALL DAY. BUT, IT WAS ANOTHER BEAUTIFUL SUNNY
 DAY - MY FACE GOT PRETTY SUNBURNED. MAYBE I'LL
 HAVE BETTER LUCK TOMORROW - I HOPE SO.

FEB. 18 FRIDAY

I LEFT THE MAIN H₂O LINE BLEED - OFF PARTLY OPEN
 ALL NIGHT - IT HAS A STRONG FLOW THIS A.M. NOT ENOUGH
 TO RUN THE GEN ALTERNATOR THOUGH. I RUN THE GEN. TO
 RECHARGE BATTERIES WHILE I FEED, DE-ICE AT H₂O BOX -
 ALL LOOKS O.K. THERE. BLEED LINES MORE - EVENTUALLY GET
 GOODER FLOW TO TURN THE PULSON AT 500 RPMs. ALSO HAVE A
 LITTLE WATER AT HOUSE AGAIN. AMAZING WHAT A LITTLE WARMER
 WEATHER WILL DO. SWEEP OUT CORRAL SAND, DO OTHER LITTLE
 CHORES ON PLACE. IN AFTERNOON, TAKE THE HIGH TRAIL TO
 RUSH CR. CAMERA SITE. WOLF TRACKS ALL OVER THE TRAIL
 INCLUDING BEDS + SCRAPES + AT LEAST 6 SCATS. TRACKS

ON SAGEBRUSH FLAT & AT CAMERA, TOO - 1 BIG SET
 & IT LOOKS LIKE SEVERAL (MAYBE JUST 1 OR 2)
 SMALLER SETS. UNFORTUNATELY THE CAMERA HASN'T
 BEEN WORKING; IT IS "OFF" & ONLY ON PHOTO # 2.
 I RE-BAIT & THEN GET CAMERA WORKING AGAIN -
 TEST IT & IT TAKES PHOTO # 3. POKE AROUND IN THE
 FLAT ALONG RUSH CREEK FOR MORE SIGN OF WOLVES.
 THEY CROSSED CREEK NEAR TRAIL CROSSING. NO RADIO
 SIGNALS PICKED UP, NO WOLF SIGN HERE ON 2/15,
 RETURN DOWNSTREAM VIA OLD TRAIL - NO WOLF TRACKS
 ON LOWER TRAIL OR AIRSTAMP. GO DOWN TO LOWER
 LAMBRA SITE, RE-BAIT, CAMERA IS ON, & ON PHOTO # 16.
 (IT MIGHT HAVE TAKEN 1 WHEN I TURNED IT OFF TO RE-BAIT.)
 TRACKING CONDITIONS POOR - MOST SNOW IS GONE. NO WOLF
 SIGN. LOTS OF BIGHORN USE AT OLD SALT LICK. BACK
 IN LATE AFTERNOON, CHECK H₂O SITUATION (STILL O.K.)
 & DO EVE. CHORES. CLEAN UP, READ IN PM.

FEB. 19 SATURDAY

VERY LOW POWER THIS AM, SO I RAN THE GENERATOR
 TO RECHARGE BATTERIES. WHEN I TURN THE HYDRO H₂O
 VALVE OFF, I BREAK THE VALVE KEY! RATS, SCOUT
 AROUND FOR REPLACEMENT PARTS & FIND THEM AT SHOP;
 WORK ON FIXING IT, OFF & ON BETWEEN OTHER CHORES
 LIKE ADDITIONAL DE-ICING, CABIN CLEAN-UP, &
 STOVE WOOD SAWING. WALK ALONG CREEK IN LATE
 AFTERNOON TO TRY & GET A DIPPER PICTURE. BESIDES
 2 OR 3 DIPPERS, I SEE A BEAVER NIBBLING RED OSIRIS
 STEMS ON N. SHORE. APPEARS TO HAVE LOST A LOT OF
 HAIR FROM ITS HAWNCHES - NO INJURY VISIBLE, JUST
 WHAT LOOKS LIKE BARE SKIN. IT EATS ON SHORE FOR
 ± 10 MINS., THEN SWIMS UPSTREAM WITH A BRANCH.
 GIVE DAISY HER BUTE DOSE IN AN APPLE TODAY,
 & SHE TAKES IT. CLOUDY & MID-30'S TODAY.

FEB, 20 SUNDAY

WARM THIS MORNING & A FEW CLOUDS BELOW THE CLIFF CA. RIDGELINE. HYDRO RAN ALL NIGHT & KEPT THE BATTERIES CHARGED. I LIKE THIS! SAW UP MORE STONE WOOD AFTER MAKING THE MORNING ROUNDS. I STRUNG UP ELEC. TAPE AT THE SPOT I THINK PENNY (?) IS JUMPING IN & OUT OF THE HAY BARN CORRAL. I FOUND HER IN THERE YESTERDAY AM, & THIS AM IT WAS OBVIOUS SOMEONE HAD BEEN IN AGAIN. AT 1100 I GO TO LOWER CAMERA TO CHECK IT & RE-BAIT; CAMERA IS ON PIC. # 19 BUT IT TAKES ANOTHER WHEN I TURN IT BACK ON AFTER RE-BAITING. WANDER BACK ALONG THE RIVER - WATCH "ICEBERGS" FLOAT BY THANKS TO WARM TEMPS. LOOKS LIKE 2 ELK CAME ALONG TRAIL; LEFT TRACKS & PELLETS IN MUD. SEE AN OTTER SLIDING AROUND ON ICE ON S. BANK NEAR THE CEDAR PEN, IT DIVES INTO H₂O WHEN IT SEES MICA & IS GONE. CHECK OUT YESTERDAY'S BEAVER LOCATION - FIND CLUMPS OF HAIR WHERE IT WAS. HEAVY SHEDDING? GO OVER TO RUSH CR, CAMERA VIA HIGH TRAIL - NO NEW WOLF SIGN. SAGEBRUSH FLAT HAS LOTS OF BARE GROUND NO. BAIT GONE AT CAMERA SITE, LOTS OF BIRD WHITENESS, CAMERA LOOKS READY TO SHOOT BUT IS STILL ON # 3 - SAME AS ON FRIDAY. I DON'T GET WHY IT'S NOT WORKING. REBAIT & REPOSITION CAMERA SLIGHTLY. HIKE BACK ON UPPER TRAIL. EAT LUNCH? AT 3:30, GET ORGANIZED FOR TOMORROW'S FLIGHT OUT. GIVE DAISY HER BUTIC IN A MARSHMALLOW THIS TIME BUT SHE IS SUSPICIOUS. BATS IT AFTER ALL ALFALFA COBES CONVEY IT ALWAYS COMES TO THIS - LAST DAY AT TAYLOR. MICA & I HAVE HAD A GRAND TIME.

This past week Holly and I interviewed/selected on 3 different jobs/situations: 1 Graduate (Faculty) proposal, 2 Research interns, 3 Break interns, and an Asst. Mgr. (8 mos. position) We also led our advisory committee mtg., met with Dick Bottger, met with web edit people, gave a talk to Ed Krump's class and visited many students.

Feb. 21, Monday

We flew back in a little after noon, bringing in Wayne Melquist and Curt Mack for a visit and "mini-tour." We talked about mustelid surveys and wolf issues. Janet H. flew out mid afternoon. She really has things in good order... considering the waterline hassles! Hiked around lower Rush cr. with Wayne and Curt. Set up interview time ^{for Asst. Mgr. job} w/ Bryan Johnson 117 elk on the benches today, and 45 sheep!

Feb. 22, Tuesday

Did the interview with Bryan Johnson at 8 am before we went up to Cabin Cr., then we saddled 5 head (Bead packed) and headed up to CC on the icy trail. After lunch @ the "Buto Pond" we rode up Cave Cr. a little bit, then came back around Travis' camp and the airstrip then back down the trail to T.R. This evening I visited with Ed Krump about our respective interviews and compared the 3 finalists for the Asst. Manager Position. Holly made moose steaks for dinner (hers & Wayne's).

Feb. 23, Weds.

Holly got bus. mail ready to go out. Curt, Wayne, and I hiked downstream and checked the remote camera and looked for otter activity. Curt brought back the Rush camera as it was not working (loose batteries), we also retrieved the battery from the downstream camera. Visited more on otter food habit surveys, and GPS collars for wolves. Ray came in with a big plane load and took out Wayne/Curt. Rest of afternoon spent putting things away.

Feb. 24, Thurs.

Catching up on correspondence today, and continuing the hiring process - offering the Asst. Manager position to Craig Holmberg, he'll decide by tomorrow morning. We rode the young mules (Bat & Bird) down to Cougar Cr., also reactivated the two camera sites.

Cleaned the stove & stove pipe, worked on getting caught up with business (bills, etc.) prior to being gone next month. Elk on the benches, 42 sheep by the downstream lick with some coughing.

Feb. 25, Friday

Saw a ram herd this morning - of 16 going onto the first bench. Hiked up with the big camera and took a couple photos. I spent most of the day contacting by phone and email all the people who applied for the A. Mgr. position - which Craig Holmberg accepted. Holly did some file re-organizing and preparations prior to the NZ trip. She mailed Ron Cane and others needing scheduling contact before we are gone. Emailed Bruce B. who will be driving to Challis tomorrow. Holly stayed up late working on Fed. taxes.

Feb. 26, Saturday

Mostly got ready for our NZ trip, fishing & hunting tackle preparation. Did a few business emails: MF aviation about billing & Janet P. & Brenda Bullock (cubes). Worked some with the young mules and Holly treated all for thrush. Took more fruit to the Rush Cr. camera and changed film. Many personal emails sent today too... nephew Andy, the Commins, Janet P. etc.

Feb. 27, Sunday

Packed our bags this morning for the NZ trip, also talked to friends Philip & Janet who we'll be visiting. Holly and I rode Bat & Bird downstream, they are doing quite well - except Bat is hard to catch still. Holly was up most of the night doing ^{Federal} state taxes (finish work). She also did a recommendation for Teddy Stefan, calculated the phone bill, and emailed Alisse about the TR bibliography - all in a day off! I am coming down with nasty head cold.

Feb. 28 Monday

I finished a letter of recommend. for Jesse Davis on his cutthroat study proposal. We also prepared other mail to go out on this morning's flight. Mt. Aviation flew in Bruce Becken mid-morning - he'll be ranch sitting while we are in NZ. Bruce & I walked all around the place going over chores & jobs for the next 3-4 weeks (a month actually!). Holly sent many TR business ^{letters} emails today: phone bill, travel receipts, vacation time, fire GIS data citation, ACUC info to researchers, request to Dick to take a Wilderness First Responder course, Janet Pope & Lynne K on Petersen Logsmith billing errors from last fall. Wrote a list of 21 items to attend to when we return from New Zealand! Registered Taylor Ranch ^{Wilderness} Field Station with the Consortium of Regional Ecological Observatories for NEON development.

March 1, Tuesday

Holly sent 32 emails today - a record! She contacted research interns from last year, and this. Did a lot of scheduling. Updated Dick Pottger on ^{+ many assignments for Janet Pope} upcoming activities etc., etc. I showed Bruce both camera sets. We saddled 4 mules and moved a cage (gabion) ^{small} and 4 bags of alfalfa cubes to N. pasture. Checked Bruce out on mule driving (Rocky), he ^{did} fairly well! My cold still a nuisance for me.

March 02, Weds

Ray Arnold came in about 1215, delivered gas tank for backhoe/loader and left with Tim and Holly, who are headed for NZ. Reset camera at Rush Creek. Cleaned pit toilets, put kindling and firewood in kitchen, and removed ice from north side of lab stair and door deck in anticipation of G&F next week.

March 03, Thurs

Fair weather all day despite the fact that Carol Arnold reported snow about 0930 and weather.com showed snow showers for Challis in the PM. Gathered materials for bridge rails and figured out backhoe fuel tank connections puzzle, later verified in conversation with J.A.

March 04, Fri

Noticeable difference in snow/ice cover since first came. Backhoe is running today. Nice visit by elk and bighorn in late afternoon.

March 05, Sat.

After AM chores I adjusted two door latches (Arlo cabin and storage shed by airstrip). I

started the backup generator and crowd thrower to satisfy myself that they are ready to go. Spent some time debarking a rail for the sliding gate at the new cabin. No luck with finding any signals on radio telemeters wolves while up on Sagebrush Flat. Replaced film and put scent out at Rush Creek camera site, but then spent the next two hours trying to get the motion sensor to work on the camera, performing many odd dances but to no avail. Brought in camera for further study. Mica enjoyed the outing.

March 06 SUNDAY

A wildlife day, I guess you would say, ranging from small to large. Wolf telemetry from house at 0600 was negative and again at Sage Flat at 1530. Observed 6 elk below the first bench and 16 elk on east slope of Pioneer Creek between Old Cabin and water intake (0840). While checking the camera station at Big Creek, I saw a bachelor group of 10 bighorn sunning and resting just west and above the bait site. After about 20 minutes they came down and used the mineral lick. I estimated the ages to be five $\frac{2}{3}$ year, one $\frac{3}{4}$ year, two $\frac{4}{5}$ year, one $\frac{1}{2}$ curl $\frac{6}{7}$, and one $\frac{3}{4}$ curl $\frac{8}{9}$. In both directions I observed a marmot on the scree slope above the east Taylor Ranch boundary where it crosses Big C. Trail. There was no activity at the camera site, and I put out some wolf urine. JA's cold germs have caught up with me, so I had a mid-day siesta then headed to Rush Creek to set up the camera station there, having

worked on the battery contacts this AM. There were no wolf signs from Sage Flat. I saw one (blue?) grouse along the path to the flat. Rush Creek camera site is operational again, with no activity observed there. I also picked up my first hitch hiker, a tick on my neck. Saw 16 elk on slope to west of Taylor Cabin (plus how many did I not see?) - 1800. They're circling the hay yard! Hope they don't get ideas, having seen them to the north, east, south and southwest. By 1900 there were at least 40.

March 07 Monday

Today I took the water pump apart and found a stone and a piece of wood jamming the impeller against the housing. After re-assembly I drafted water to ensure it was OK, then drained the pump. Since I saw elk again in the north pasture and three were standing next to the alfalfa cube cache, I went over to investigate. The stash was fine, and there is no further green-up than last week.

March 08 Tuesday

Warm, spring like day. Worked mostly on slider gate by new cabin. About 1030 I couldn't see any stock and thought they were up to no good, but every body was in the lower NE corner of the pasture having a siesta.

March 09 Weds

After usual AM chores, I finished the slider gate at the De Vlieg Cabin. In the afternoon I worked on the Husky chain saw, checking to see if oleo was

working and put in spark arrestors to soak. The mail plane came in with Valerie at about 1600. After getting the plane unloaded, we got Valerie settled in and went to the Rush Creek bait camera station and found no activity. There was no wolf transmissions from Sage Flat (1700). Evening feeding was interrupted with a return by Arnold Aviation with a load of two fuel barrels for F & G and one propane cylinder. We were excited to hear Gold 1 signals in the direction of the Third Bench/Cliff Creek drainages, quite distinct. While this country may be quite different than collared sheep in Godlands terrain, I would estimate the wolf as being less than a mile by its strong, directional tone (2230). Elk were around the area most of the day.

March 10 Thursday

It was exciting to hear Gold One wolf signal still present from about 0915 for $\frac{1}{2}$ an hour in the same general Cliff Creek/Trail area. But the animal appeared to be moving. Heading out to the Big Creek camera site this AM, discovered the NE corner of the pasture electric fence completely down. Postponed trip to restring/reset posts. The "D" batteries marked "used but ok" did not seem to make the charger alive. Beefed up the back up rail fence. Ray Arnold made the last trip to bring in two barrels of fuel for F & G upcoming survey, along with another bottle of propane. In the afternoon on the way to the Big Creek camera site, we noticed an elk calf carcass that had melted out of the bank ice. After checking the camera site and watching a group of 8 rams, we returned to the cabin,

picked up the black sled and went to the carcass, located just above the big bend of the creek near the east property line. On our first visit I forgot to mention we flushed a great horned owl near the east property gate. It flew to a tree and was mobbed by magpies and joined by crows. Anyway, we loaded up the calf and carried it to the camera site (now on pic 14). On the creek crossing during the return trip we saw a digger in Cliff Creek. Checked email message in J&H message list in hopes it might indicate if we were to do anything with these propane tanks being flown in.

There has been quite a transformation in the local landscape during the last ten days. On first arrival, ground was frozen, paths were iced over, and streams were mostly frozen, with small openings. The open ground was brown. Now, the ground in the afternoon is thawed to six inches, the paths are free of ice, and the streams are mostly ice free. The pasture is greening, although the stock try hard to trim off all the new, nutritious growth. Today we saw a buttercup in bloom along Big Creek Trail.

If anything Gold One sounds to be stronger than last night, in the same direction as before (Cliff Creek, benches).

Mar 11 Friday

Another spring like day. Changed the house water filter today and cleaned the wood stove chimney. Big Creek camera site was negative for activity. Spent a good part of the work day putting up the north pasture electric fence. Wolf signal was negative AM and PM.

I was not aware that ouzels had such a repertoire of song. They were active all day on Big Creek. Two robins were on the fence by the old cabin. Insects are pushing out of the ground on the east side of the Taylor cabin.

Mar 12 Sat

After AM chores, we took a hike up Cliff Creek Trail to the ridge at the 6100 foot level. The ground is a wildlife barnyard - sheep, elk, deer, wolf. The day started with a shower (trace) from about 0730 to 0830. Then the skies turned blue, and we were off and up and up and up. The first significant wind occurred today, 10-15, gusts to 30. Mica was fully attuned to drink water from a plastic bag. Besides scat, we saw the actual producers: elk, deer, sheep.

From the ridge we watched the red helicopter arrive with the Fish and Game personnel at about 1315. After dropping off gear (and reading our note) the crew completed a survey of the Rush Creek drainage in the afternoon. I was able to meet them right after getting a warning fire started in the Lab building when they finished flying for the day. They offered to share (frozen) lasagna, and we offered showers and dessert.

Jon Hunter, Jim Pope, and Jennifer Newcomb came to the house and we enjoyed dinner and conversation.

After they left we checked for wolf signals and found Gold One distantly down canyon.

Mar 13 Sun

Started the Honda generator at the aircraft in order to power a heater to help with starting

the engine at 0645. After morning chores, saw off the crew as the Hughes 500 N648MP took off for the morning count. Checking the Big Creek camera, it appeared that six pictures had been taken although the bait seemed undisturbed. Rush Creek looked like no activity. Finished work on the north pasture fence in the afternoon. Chopped ice around the airstrip shed to get rid of the stubborn patch of slippery ground.

Jon, Jennifer, and Jim again came up to the cabin for a shared supper of chicken and pasta, fresh biscuits, and home made cake, the conversation oiled with a bottle of merlot.

Mar 14 Mon

There was a freak-in at the shop sometime last night. The fence buck nearest the building had been moved two feet from its position, causing the respected white tape to drop to the ground, as well as allowing one fence pole to fall. There were five mules in Arlo's backyard, only Bat and Daisy having remained on the appropriate side. No use having to round up the usual suspects - they were caught red-hooped at about 0645.

The Leading Edge Aviation helicopter and Fish & Game personnel finished their last elk survey this AM and left about 1100. I put the rails on the bridge today, and Valerie and I brought sand mined from the water collection box to cover the bridge planks.

I put in the final screw that holds the automatic fuel switch in place on the loader, but it would not start, even though the battery was fully charged 10 days ago. Cleaning the

positive terminal remedied the situation, and it is fully operational.

There has been a decided turn in weather from the hints of spring back to a more wintry feel the last two days, with cooler temperatures, winds, intermittent sleet or snow showers, and a more damp, cold, penetrating air.

Mar 15 Tues

Amidst the activities around the ranch, came up with great horned owl, western bluebird, osprey, and hairy woodpecker, all confirmed by expert Valerie. Marmots were active in the east pasture area, with five of them chirping and peering.

Today was a good day for the bridge project. Hauled sand and rocks to the site. The approach aprons are done except they need dirt fill put over them.

Mar 16 Wed

With Valerie leaving today, we did some cleaning in the AM. Ray Arnold came in, and we swapped a gallon of milk and a mail bag, with the pilot getting three empty 55 gal. drums, Valerie (and her two bags), and a bag of fly out garbage. It was about noon and Ray was trying to beat a forecasted snow storm. In the afternoon I carefully dug a trench parallel to the buried conduit already there in preparation for a second line to go from Pioneer Creek to the power house. I also spent about three hours above ground tree pruning. The ceiling slowly dropped from about 1600 on, and it

looked like snow showers above 5500 feet at about 1730. It rained for about an hour after dark (1900-2000). The outlook doesn't seem real good - snow/rain showers off and on during the next week.

Mar 17 Thur

Today is one of those days when you are not sure what happened to the time, but not much progress was made to show for it even though you were active throughout the daylight hours. It was cool, blustery, with snow showers, overcast, and momentary sunshine breaking through all day. The air was penetrating because of the humidity. Got to see a flock of mountain bluebirds (≈ 30) on the east side of Rush Creek on the slopes above the camera site, as well as (mntn?) chickadees, a towhee, and a pair of common mergansers. Also heard a canyon wren.

Mar 18 Friday

One of those days that turns out differently than planned. It all started when Star whinnied at 0645. I looked outside to see Rodley, Cricket, and Penny enjoying breakfast on the north side of Big Creek. I guess it was time to move the mules from their "home" pasture to the north pasture. Fortunately the setup over there was mostly in shape and ready to go. It took most of the morning to tighten loose electric tape and fence posts, deliver everybody over, and get most of the stock into the electrified enclosure. Bat was quite a handful and with her help, the two new mules ended up outside. Regrouping, I was finally able to convince Brid

that I was not a predator (alfalfa cubes come to the rescue), and I put her inside. A few more cubes later, I was able to get Penny to join Bet outside the electrified pasture. But the rest of the gang, led by Star and Rocky, would not bear of me cutting out Daisy; it was going to be all or no one else. After getting on with the day's business, I was about to re-strategize in the late afternoon when I was given a real treat. Apparently the studs of this local bighorn herd decided to get a mineral fix. Seventeen rams, none less than $\frac{1}{2}$ curl, charged down the slopes and gathered on the red and yellow steep bank on the north side of Big Creek opposite the hay yard. They ate and licked for about an hour, prancing and clinging to what seemed to be nothing but thin air. During the evening feeding of the mules, I was able to excuse Daisy (cubes to the rescue, again), the other mules having temporarily lost their undivided unity for an individual rivalry for the best cube pile. So, what initially appeared this AM as a potential snafu, turned out OK, except if you consider all that is keeping four mules from leaving the pasture for several million acres of wilderness is one thin, white ^{line} fence. And just to give me comfort for the night, the loud chirping signal of Gold One apparently not too far downstream, or on the slopes to the northeast from the house, tells me I have served up a potential seven course meal because I don't think the thin white

tape filters out canids.

Mar 19 Sat

I lost Mica twice today. When I came in for lunch I could not find her in her usual haunts. When I checked the bathtub, however....

I took her with me during afternoon stock feeding at the north pasture. Now we had done this three times. She quietly hid in the brush while I doled out some cubes, then we would leave together back up the hill to the bridge. Today she took it on her own initiative to swim Big Creek and return to the house. We had a couple of hours of quiet time before things smoothed over. A chewy and a dog biscuit work wonders.

Mar 20 Sun

Happy spring. The major note today is that when I went to shoo away the four deer on the mineral block and eight deer on the hay stack at about 1600, I noticed that Penny and Bat were grazing on the airstrip. I put Penny in the corral and Bat followed then took them across Big Creek again. Made progress on the hay feeder - most parts are at the corral now waiting for assembly. The sky is clear tonight, and the moon light lets me read the telemetry receiver without additional aid.

Mar 21 Mon

Today was a tough day at Taylor Ranch, all revolving around Daisy. During the AM feeding when all stock were inside the electric fence

of the north pasture, I observed that arthritic Daisy was not putting any weight on her right front leg. Looking at her head-on I saw a grapefruit sized lump in her chest. I suspected a dislocated shoulder. After telephone consultation with Dr. Holderman in Cascade, I administered a dose of Bute paste, an oral drug for relief of inflamed joints. Not convinced that this large swelling was just swollen joints, I asked for an on-site visit. Arnold Aviation brought in Veterinarian Keith Ruble, Daisy's doctor of many years. He found that Daisy's knee and shoulder were dislocated, not broken.

Typically an equine is injured this way when a hoof gets stuck in a hole, and the animal laterally jerks the leg out. He said that she had torn ligaments and tendons. Although heroic efforts might give her a chance, the outcome was very tentative. We tried to contact Jim and Holly for their perspective, but we were unsuccessful. Keith said the best thing for Daisy was to put her down. With my concurrence Daisy was put down about 1530 on the north edge of the north pasture to be recycled into the environment in which she had lived all her life. Holly telephoned from New Zealand, and with the news, she advised that they would have acted similarly. Still, Daisy was a long time family member and faithful worker.

Mar 22 Tues

I finished the hay feeder this AM and, the store gave it a try during the afternoon hay

feeding. Penny was the first to use it, then Bird came over. We are getting very civilized here at Taylor Ranch. All stock now feed from hay feeders instead of piles on the ground. Timbered with the Teramite fuel system, and it seems OK now, having used it for about $\frac{1}{2}$ an hour. Also checked the Rush Creek remote camera - no major activity (site looked undisturbed but 2/3 pics taken). Saw 90 elk in the Rush Creek drainage.

Mar 23 Weds

A quiet, cool, wet day - grey, damp, penetrating cold. No plane today.

Mar 24 Thurs

A cloudy, cool, snow showery morning. The elk had taken down about $\frac{1}{3}$ of the north pasture electric fence and broke the tape in three places. Cube stash was undisturbed. There was no activity around Daisy. Although the stock bridge gate was open, the stock had not yet noticed, so I led them across. I thought I should record the time when they were last seen, going out of sight at 1315, Star, Cricket, the Bobby twins, Penny, and in the rear, Rocky, over the lip of the second bench. The weather turned really good, and I saw my opportunity to do some Teramite work. I was unsuccessful digging soil from the south airstrip bank, so I switched to harrowing the home pasture. After the third go around, the biggest snow of my stay interrupted my activity. Cooked my last big meal - left overs should hold me over.

Mar 25 Friday

A total of $1\frac{1}{2}$ inches of fresh wet snow and a beautiful, sunny AM, hopefully to melt off the precip. and allow outdoor work to progress. Saw a horse and three mules this AM on the second bench, reassuring they haven't gone to Papoose Peak or beyond (yet). At about 1545 I saw five of them on the third bench.

The mail/supply plane made it in today just before we were weathered in all afternoon. I tried to burn a pile of raked debris from around the wood shed, but it did not do well. When I stayed in the duplex, I noticed a chair whose back was separated from the seat. Today I fashioned a missing spindle and reglued it together. I wish the weather would hold a couple of days in order to work on additional outdoor projects that need drier conditions.

Mar 26 Sat

Today was one of those days where it all fell into place. The AM was spent limbing a down tree. The afternoon centered on use of the Terramite to finish harrowing the pasture, harvesting dirt to cover the rocks on the approach aprons to the bridge, and transporting a tree section for later use. The weather cooperated by not raining or snowing. Saw one mule on the third bench at about 1020.

Mar 27 Sun

The Terramite got a workout on the ditch smoothing this morning. Also heard foxes

some of the larger rocks out of the way. In the afternoon I debarked the eight foot log I brought in yesterday then cut it down the center (root of) to become a component of a feeding platform for the corral. The stock put in an appearance for about $\frac{1}{2}$ an hour (1530-1600) along the Cliff Creek Trail between the first and second benches. Dark, ^(Penny) red, Bobzy twins, facing uphill, Star facing downhill, and dark facing uphill. Four bighorn rams came to enjoy some minerals on the steep north bank of Big Creek, as they had done on the 18th, two $\frac{5}{8}$ curl, two $\frac{3}{4}$ curl, at about 0825. I had to re-install three sections of electric fence in the north pasture, apparently from elk movement, who, I guess, don't respect electricity like the domestic stock (usually) do. The fence was also down in the northeast corner of the home pasture. Daisy is just being discovered, and I heard coyote (barking) at about 2010. Gold one has given a signal both on Saturday evening and this morning in the general vicinity of the Cliff Creek Trail. This evening (2110) the signal is coming from downstream.

Mar 28 Monday

Another day of constantly changing weather, from partial sun to downpour of rain, sleet, and snow. Finished the platform feeder and assembled it in the corral. Got weathered out tree pruning. Checked Rush Creek camera site. Saw Star and a dark mule on the second bench at about 1650. Gold One signal was present AM and PM in the Cliff Creek area

At about 2030 I heard at least two animals barking/howling from the north pasture. Not sure if they were coyote or wolf, but a chorus of a minimum of four wolves at 2220 hours left no doubt.

Mar 29 Tues

There was some yipping/barking/short howls in what sounded like the Big Creek area about $\frac{1}{2}$ way to the east pasture with a minimum of two animals, not sure if coyote or wolf, at about 0720. There again was barking and short howls by at least two animals from what sounded like originating to the northeast of the first bench, above and in the trees at about 0840. Gold On signal was active in a NE direction from Taylor Cabin at about 0850.

Heaving Jim's words in my mind that if Daisy started acting as an attractant and predator activity increased, I should bring the stock to the home pasture. Last night's activity had reached that point in my mind. So this AM I was off to find the stock at about 1045 with part of a bag of cubes and a halter. On the ascent I am thinking how ironic pasturing animals is at Taylor Ranch. I spent the first three weeks trying very hard to keep the stock within the thin white line that separates the "domestic" pasture from the wilderness, only to turn them out into millions of acres, then to retrieve them again. About 1130 I got up to the second bench and was looking for sign of the stock when I observed on the ridge of the

third bench, one, two, three, four wolves, walking up and eastward. Apparently I had disturbed their lounging after a night of feeding in the north pasture. About a 1/2 hour later I heard howling coming from the 6100 foot level on the east crest of the Cliff Creek bowl. A glimpse of these four animals was only about 30 seconds, and I did not distinguish any radio collar. They were yellowish and dark, something like a german shepherd coloring.

Making the third bench, I saw the objects of my efforts grazing away. Cricket noticed me first. I sat down about 150 feet from them and pulled out my partial sack of cubes, making as much a crinkly sound with the bag as possible. The Bobby twins came over first, but it wasn't long before Star had to show her domination. Haltered and, the lead piper led the bunch back to the familiar home pasture. Let it not be said that mules do not give a hick about coming home, for as soon as we crossed the Big Creek stock bridge they all trotted right into the corral to the mineral block.

Got a telephone call from Jim this evening announcing their safe arrival to Boise and expected homecoming tomorrow. Since this may be my last entry, I thought it would be appropriate to comment on my experience of 30 days. I came with no real agenda other than wanting to soak up the day to day sights and sounds of a relatively undisturbed part of our country. I thought I would have a few daily chores and maybe a project or two while communing with this unique spot. J & H called it a caretaker,

looking after their house, utilities, structures, horse and mules, and Mia, their other family member, as well as the land.

Well, the place reinforced a feeling of independence and self-dependence. The place facilitated a fine tuning about one's relationships in and with the rest of natural world. The place stired my imagination about pioneering, homesteading, and life in the agrarian, rural U.S. of long ago. With its daily constancy, the place provided a feeling of comfort and hope. The place revitalized my curiosity and made each day a treasure hunt of discovery. As it turns out, the place took care of me.

Weds. Mar. 30th

We waited almost all day in Cascade for the weather to break. Got a lot of phone calls and errands done. Finally, @ 6 pm the clouds cleared and Ray was able to fly us in. It sure was nice to come back to TR with Bruce having things in "good order" - even baked us a cake! Spent the evening putting stuff away and visiting Bruce about our NZ trip and hearing his stories from here. Colored wolf signal in the N. Pasture after dark. Arranged room for WH. Workshop - in May @ Leavenworth, WA.

Thurs. Mar. 31

Started assaulting the 160 new emails to answer. Continued putting things away

and Bruce showed me his completed projects - he is very handy! In the afternoon we went across Big Cr. and set wolf traps along various trails leading into the carcass - Daisy. We also saw the wolves (3 or 4) snoozing up on the west side of the 3rd Bench. Emailed Howard & John S. and Gary K. about getting together @ the MLW to outline the 4 Decades paper.

Friday, Apr. 1st

Visited with Bruce before M.F. Aviation (Cope) flew in and picked him up. Cope brought in 12 bags of cubes enroute in. Went around inspecting Bruce's work - he's a good carpenter/craftsman! Responded to several of the >100 business emails on the computer. Holly continued post-trip organizing and some spring cleaning (clothes for goodw.!!). No sign of wolves today, must have gone upstream. Found out that Cody McKee is not available for the assist. manager position this summer.

Saturday, April 2

Holly prepared for trip to Pocatello - 1500. I prepared mail to go out with her later today. Cut the stock loose in the Lower Pasture. Ray flew in about 2 pm with a plane load of plumbing supplies that Janet Pope brought down from Lewiston. Ray took out Holly and 1/2 a plane load of boxes & old clothes. I fixed up the 'backhoe' and used the 2 wheeled cart to move things to the new cabin. Janet is going with Holly to Pocatello.

Sunday, Apr. 3

Went for some local hikes and checked on things around the property. Had PZ elk on and around the haystack this morning. A bigger herd "wiped out" the electric type fencing in the N. pasture, I picked up the pieces - literally! Shot my son and tried to take the day off before next week's activities. Uttered noises howling @ midnight from the carcass, no trap signals yet.

Monday, Apr. 4

Awoke to a disturbed trap signal. Went over expecting to see a wolf - saw a ♀ coyote instead. She was actually quite quick and tough to get in a good jab, but finally died. I had concern for her trap injury (swollen/flattened foot) so I hauled her to the cougar pen. Gave her water... and later some freezer burned steak. Emailed Scott Acker with input for the permit (DEQ), also emailed many other people: Jeff Brautog, Glenn Robinson, Steve Achord, J. Peck, E. Krump, etc. Started up water to the duplex, lucky, only minor drips - adjustments to do. Reset 2 transmitter traps. Rescued white tape out of Big CR. The stock followed the big elk herd (50) up on the 3rd bench and timbered bench too - crazy! Heard the wolves howling above the east nob @ noon.

Tues, April 5

Today was spent on water system tasks - put away all the components (hose, insulation, heat tape) of our winter water line. Pulled the Pioneer - duplex line down. Started up the duplex water system, which went fairly well - except the east side toilet has problems. Finally got the water heater going... the pilot was tricky as usual. Tried to get Arlow's H₂O going. Sanded out the "fire fighting tree" that impedes the intake pipe. Got water into box fine, but still need to repair break in line by the shop. Ray flew Holly and Janet P. in @ 6pm. Put things away and got "re-situated."

Weds., April 6

A busy day with Interstate flying in the plumbers Brian & Dusty from Powell Plumbing in Moscow. They spent all day + connecting toilets, sinks, showers, and gas, and water heater. Doug B. helped them... and we some. Janet P. did upstairs painting. Holly prepared mail for Moscow which we sent with Doug. I spent the day keeping everybody in supplies and arranging for Ray A. to swing by with some missing components... which he did and saved the day. Doug flew the plumbers out > 6pm

Thurs, April 7

Janet discovered a leak in the D. Cabin plumbing; it was coming from the upstairs sink. I tightened up some loose fittings - OK now. Holly spent most of the morning working w/ Bat on her pull-away ^(when leading) problem, which she also did with me today. Janet continued staining and painting the N. upstairs - bedroom. Holly sent a lengthy email to Javron Fins & Jody with details for the Whitebark Pine project. Still catching up on emails. > 50 elk on the benches. Worked on Arlow's broken water line. Changed refrigerator too.

Friday, April 8

Holly had another big event with Bat on leading, she ended up spending the morning on training - this time with some "cotton rope lessons"... and pulling against a tree - it worked! Now she can be led again - with caution. I built a steel bar hitch rail in the cottonwood patch by the corral... so the new mules can be tied some place where they don't chew. Janet continued staining/painting. She also found out today that Jim P. is having some health problems. A plane from Salmon Air (Tom & Gary) stopped in with 4 bags of cables - repayment from last fall. Finished Arlow's water line repair - 9' of line had to be replaced in front of shop. We got the hot water heater going (new propane) and refrigerator started.

Saturday, April 9

Janet continued communication w/ Jim Pope regarding his health - "blackout spells." We awoke this morning to the trap transmitter going in "disturbed mode." I went over to see that a wolf had been caught! Holly and Janet came over and we immobilized the grey colored female ($\pm 65^{\#}$'s) and put a radio-collar on her. Technically, she is B-229, but unofficially she's "Daisy." The catch was by 2 toes, good thing that the jaws are rubber padded! Janet took many good digital photos. We reported the catch to the Nez Perce tribe (Curt et. al) and Steve Nadeau (F&G) and Carter Niemeyer (USFWS). Worked some with Janet - calculating electric needs, measuring "this & that" and doing some cleanup.

Sunday, April 10

Janet did some "use preparation" on the north bedroom. H & Janet hauled some garbage from the T. Cabin and Janet got ready to fly back out. I went for a hike up Rush cr. Ray flew in midday with Craig Holmberg. He (Ray) helped get the backhoe wheel hubs usable, then he flew Janet back out to Cascade. Reset the "bobcat-site" trap - moved to west of carcass. Also today R.P. stopped in and had lunch with us and visited. He also repaired the spikes he borrowed last fall.

Monday, April 11

Typical ^{Monday} morning - many emails sent/received. H. sent emails to the FS (Nash & Carver) about student research special use permits. I emailed S. Accord on power supply for in stream scanner. Craig and I started up the water to the lab - with a few copper pipe repairs to do "down under". Craig began using the backhoe to re create the main pasture irrigation ditch. Holly sent informational emails to the Bleak interns and all research crews.

Tuesday, April 12

The day started off with a big rally... a Mid. Fk. Aviation plane buzzing the strip because it was covered with about 100 elk! I ran down the strip in my "heavy slippers" and helped spooked them! The electricians were a bit wide-eyed after the aircraft elk-shagging. Holly & I spent some time with Tad & Scott (work for G. Robinson) on several electrical fixture & connection issues. Also communicated w/ Janet Pope as she is making a materials hauling trip tomorrow from Yawiston to Cascade. Holly, Craig, and I set 3 more traps downstream getting signals on both "Gold 1" and P. Misy wolves. Craig continues his landscaping with the backhoe along the main pasture ditch. I dug through our electrical supplies and helped out electricians. Holly did phone Bill Figuring, and re-did our state

taxes now that we found out that our original taxes were left in New Zealand! She also completed the computer exchange - new (compag) for old (Dell).

Weds., April 13

Prepared mail, but no plane due to weather. Corresponded with summer users, and Janet Pope... she drove down a load of supplies to AA today. I worked with Craig on landscaping. Worked with electricians on fixture details. They did very nice work, we "tied it up" after dark.

Thurs., April 14

Baxter
Field
TRIP

MF Aviation flew in early; actually 3 plane loads. Golden Baxter, Wayne Minshell came in with Amanda, Brian, Meredith, Sarah and Jason (grad. students) for a 4 day stream ecology field trip. Electricians Tad and Scott flew back out to Chellis. Walt flew in a load of supplies (complements of J. Pope) and our mail, but forgot our groceries (not much). Gave the class a talk about TR history, projects done here, and purpose. They checked out Rush Cr. sampling sites, and snorkeled. They (Wayne & Golden) did some lecturing too. Craig up for spaghetti.

Friday, April 15

The class did a "salt release test" in Pioneer Cr., and they prepared equip. for their photosynthesis tests. I took them on a tour downstream, talked about steep-cater lifestyle and the Army manoeuvres. Holly did business emails to Tim Morris & various students. Craig finished levelling east.

and south sides of the DeVlieg grounds. We had a nice barbecue elk steak dinner, then after dark some of the class went night snorkeling in Rush Cr. Holly recorded infr. for them - many small fish counted. They were done about midnight.

Sat. April 16

The main event for the class today was photosynthesis testing done in Pioneer Cr. Holly & Craig helped with electrical issues on the 4 waterflow chambers. Walt flew in with 3 propane tanks and 2 barrels of gas, late morning. Janet Pope flew in at 5:30 pm w/ Ray A. and a load of supplies for the DeVlieg Cabin. Put the furniture in the new cabin - Janet bought some nice furnishings! The crew made a very nice dinner - enchiladas!

Sun. April 17

Craig reported wolf howling this morning. I heard it too, but no action @ the traps. The ISU folks got ready to fly out but the weather was rainy and wet all day. They did complete metabolism measurements & invertebrate I.D. from Big Cr., they also processed retention (salt tracer) experiment data. We had a big group dinner - wet and cold this evening.

Mon. April 18

There was quite a serenade of wolf howling last night. Then, this morning Craig spotted wolves in the 2nd bench. The whole ISU crew got to watch 5 wolves walk up the benches and go over the top. The weather still very non-cooperative for MF Av. to come in and take the class out. It was better to the west as Ray A. came in and brought the finish carpenters: Keith C. and Richard and John Birkenbine. The class helped put up some firewood - 3 trees felled, bucked, split and put in the woodshed by the lab. The carpenters laid the floor on the N. side up-stairs and Janet made a lot of painting progress on the south side room. Had a big spaghetti food for dinner, power ^{low} problems occurred @ dinner. Had to boost the batteries using the Honda generator. Craig & I checked the traps, saw where a walk sprung one of the Daisy-sidehill sets... a close miss! pulled trap

Tues. April 19

A hectic morning - the ISU crew getting ready to fly back to Chellis, and the traps needing checked etc. Janet worked with the carpenters on shelving, flooring, ... job planning. The afternoon was interrupted by the discovery that one of the trap transmitters across Big Cr. was going off... we ^(I) thought it was the one in our yard, which was beeping @ 9am. We rallied, and responded to the male wolf caught in my trail-set above Daisy's carcass. Having been in the trap ^(tired) awhile the wolf took the drug hard. Fortunately,

it was a rubber-jawed trap. We think
 will be OK. By the time we got all
 the capture gear, and blood samplers, in
 order it was late in the evening. Earlier
 today, Craig and I spread 8 bags of
 fertilizer on the airstrip. Shot boxes
 just before dark with the carpenters.

Weds, April 20

Prepared mail to go out. The newly
 collared wolf ^(from signed) sounds to be on the timber-
 ed bench. Walt came in with the mail
 and carpenter supplies. He also took out
 wolf blood samples... which Holly has
 spent a lot of time preparing and commu-
 nicating about (w/ Dr. C. Binninger). Craig
 continued landscaping around the DeVik's
 cabin... and hauling off many loads of
 rock for streambank stabilization. We did
 the usual email correspondence in
 preparation for next week's Moscow trip.
 Holly and Craig hiked to the timbered bench
 and Craig saw the ♂ wolf... walking OK,
 with limp, looks to be "on the mend."
 Also today we all photographed 17 Rams
 using the cut-bank lick north of the
 barn. Janet P. continued coordinating with
 the Carpenter crew... and H&I. Holly
 and I also corresponded with Gael
 Brickley from Whitman Ins. about
 liability coverage for our stock &
 users. She sent us 14 questions to
 answer, which I worked on.

Thurs., April 21

Everyone worked on their respective projects, carpenters laid floor in the south room. Janet painted and stained until Terry H. and Jim Pope flew in. After touring the building, we had lunch with Tim & Terry. They stayed around most of the afternoon, then flew out again. 21 Rams came down to the lick right after they flew out. Holly sent emails to the research interns (last years) to request final products. Craig spent most of the work day landscaping. I worked on the '05 sheep report for the Brighton Summit. Also, this morning reset traps

Friday, April 22

Awoke to ~~lots~~ elk everywhere this morning! Holly spent a lot of the day on UT correspondence and cabin furniture planning with Janet. I worked with Keith some on insulation layout under the cabin, and searching for hinges in the shop. Craig continued landscaping and rock hauling to airstrip. Burned more construction garbage. Generally, prepared for next week in Moscow and early May activities. Had a barbeque with everyone @ T.R.

Sat., Apr. 23

We were going to take the day off, but a "tripped" signal on one of the downstream transmitters sent us on another mission. The "DFI" trap was pulled out and we had a difficult time pinpointing the signal. Finally determined that an

elk had stepped in the trap, then wrapped it around a log before pulling out. By mid day we were back on track for a day off! Holly, Janet, & I took the "3 red mules" on a ride around lower Rush Cr. Craig took his pup on a hike up Pioneer Cr. and back down E. Pioneer Rdg. Had another group barbeque tonight.

Sunday Apr. 24

Saddled 4 head and rode up to Rush Pt. with Keith, John, Craig. Holly & Janet worked on D. cabin - up ^{stairs} & bed work. Janet continued staining/finishing wood. Richard spent the day on cabinets. Saw a couple large wolf tracks near the outfitter camp on Rush Pt. Picked up a signal on Wheatthin @ his den site N. of the Lewis Fl. mouth. Saw 4 herds of ± 80 ± 60 deer... and only 8 chukars. Ray flew in @ 5 pm and flew out Keith and John, Richard will stay in to do finish work on kitchen cabinets.

Monday, Apr. 25

Terry Holubetz flew in mid morning and took Janet back to Cottonwood. I spent most of the day on report organizing. Holly took up where Janet left off on finishing the DeVlieg inside stairs. Craig continued various landscaping tasks and Richard worked on the cabinets. Holly made enchilada's for all.

Tuesday, Apr. 26

Everyone did their usual routine... Richard doing more cabinet work. Craig primarily mowed manure from the corral to the bald spots on the airstrip, he also scattered seed... east of DeVlieg Cabin and on the airstrip. Holly is up to 9 coats of Diamond poly finish on the stairs now. I finished getting files together to go to Moscow, and worked on tool repair... the big rake - splicing a broken handle and again trying to get the little saw running - not much luck there. Also helped Craig attempt to fix the back hoe brakes, but the connecting cable is "frozen". Craig and I pulled the traps (8) and put them away. Holly up late getting paper work in order for trip to Moscow. Stock using the lower pasture most of today.

Wednesday Apr. 27

Jim, Holly, and Richard all prepared to fly out. Walt flew in with mail and we loaded the plane. Wind and thunderstorms kept them grounded for about 3 hrs and when the weather broke they were off. I spent most of the day cleaning up after the carpenters in the D. cabin, Mika and I spent the evening watching TV she was definitely down since Jim & Holly left.

Thursday Apr. 28

Started out the day getting the weather and calling it in. The rest of the day I spent working on the white

fencing on the airstrip. After finishing that I started on the fence around the north pasture, ^{saw first rattlesnake of season} The stock spent all day on the 3rd bench and timbered bench,

Friday Apr. 29

Started by taking weather and calling it in. Fed Mika and played with her for awhile. Finished fixing fence around the north pasture. After that I finished cleaning out the corral and hauling the manure to the airstrip. The stock showed up about 5:30 so caught them and put them in the corral.

Sat, Apr. 30

Collected weather and call it in. Then I fed the stock. Fed Mika and again played with her for awhile. Mika & JD seem to like each other just in time for JD to leave. Repair buck and rail fence by Hydro. Cleaned up around irrigation ditch and then finished cleaning the D. cabin. Seven deer played on the hay pile off & on all day.

Sun. May 1

H & I and Dad drove from Union, OR. to Cascade, with shopping stop in Ontario. We had 2 plane loads of stuff (w/us on 1st load), but the TR supplies will come in out Weds. We had a

hectic but productive trip to Moscow - did interviews for A.M. summer position, met w/ many people on summer activities schedule. Holly did her "story reading" to celebrate the new fire anthology book release, well attended and entertaining. Got together with all the authors (16) @ Phil Druikers house. Stayed in Moscow w/ Krump's, and the Papes going & coming.

Monday, May 2

I spent the day, mostly, working on the ACUC permit. Holly worked on our predation project data (wolf-coyote locations) so Leona can review it for GPS application. Offered Crinamon the Asst. Mgr. job - and Richard McNeil for part of the summer too - both have different qualities/skills. We both did many, many emails catching up from being in Moscow last week.

Tuesday, May 3

Holly wrapped up the wolf-coyote location data sets - sent off to Leona. Visited Richard McNeil about summer work and set up here. Also had long phone visit with Colleen Baxter about his upcoming schedule. Dad and I put on the new cabin gas-tank connection assembly, with some "kalk scaling" problems. Made contacts for Eric Ellis - to Mike Schtegel - about the P&Y conservation committee funding for his Idaho bowhunter survey. E mailed Sean Garmire, to encourage his continued TR interest.

Built a temporary electric fence in Rush Creek so we can graze stock above.

Weds., May 4

A day of "fueling computers" for the most part. I worked on Ppt. presentation for the bighorn sheep summit, emailed it to J. Rohman. Holly finished the ACUC permit application - emailed to Brad Williams and Ken Caine. Did many other emails - Lyne K., G. Labar (ranch sitting), Peeks/Minish about B. Wallace - Cabin cd., etc. Ray flew in late afternoon with 1/2 a plane load of our supplies, so put that stuff away.

Thurs., May 5

After the morning chores and emails I worked in the new cabin w/ Dad, put (attached) the bunk bed ladder onto a bunk. Later, I ^{put} latches on 3 doors and tung oil finish on rest of the unfinished drawer and door fronts. Holly did the stove conversion from Lp to propane on the DeVlieg kitchen stove. Had a pretty active thunderstorm in the late afternoon.

Friday, May 6

Holly worked on TRFS - bibliography - corrections. I began doing the special use permits for all the research activities scheduled here this summer - got 3 done. Dad & I did some more cleanup in the DeVlieg cabin. FS trail crew: Cheri, Ryan, Cody stopped by for visit en route downstream. Did

18+ business emails too... endless it seems.
Still working on the stock insurance issue.

Sat. May 7

A day off, but not really. I rototilled the gardens, and mowed the lawn and ran the weed eater some. Holly & I leasced the cabins in prep. for the McCall High school crew, then the F&B crew for the packing class. Holly planted flowers in front of the DeVlieg Cabin. Took Dad on a mule ride to the sage brush flat - he rode Cricket while we rode the youngsters.

Sunday, May 8

The McCall High group cancelled, or postponed until May 22. Did some household chores and more cleaning in the DeVlieg Cabin - dish washing etc. Holly baked an apple pie - which we shared with the FS trail-crew. Worked on details of packing class agenda, also talked to Stacy Gebhard about printing another batch (30) of his packing manual. Holly rode But, & did some corral fence repairs.

Monday, May 9

The Islander flew in @ 9am with the participants for the packing class (all the IDF&B C.O.'s from the SW Region) Jon Hunter, Marshall Haines, Paul Alexander (folks we knew) and ^{Horsman} Merritt, ^{Martinez} Randy, & ^{Anderson} Rusty. Spent the day going over packing basics. Used all @ hand to demonstrate saddling -

and packing on different animal guilds.
 Got pretty wet & windy mid afternoon.
 We had a hamburger & sausage dinner
 (barbecue) then trilled downstream
 following wolf signal. Didn't see wolf
 but did see 2 elk herds. This is a
 good group of fellows!

~~Monday~~ Tuesday, May 10

A very wet morning, so we did equine
 first aid discussion @ the DeVity Cabin.
 The weather broke after lunch so we
 returned to "hands on" packing training.
 Went over the litches again, then packed
 up the mules and the class practiced
 with the string.

Weds., May 11

The McCall planes came in early due to
 a spooky "high wind" weather forecast. So
 the class left before we did the final
 1/2 day of training. Dad decided to go
 out "early" today, to take in a family
 friend's memorial service. So he got on ^(flew out)
 the mail plane - which brought in Ken &
 Debbie Cairns. They will be doing some
 fish sampling. Got caught up on emails
 from last 2 days. Arranged the next
 2 weeks of flying schedule with Carol
 Arnold. Holly also emailed Joan Labare
 about flight schedule change for Friday

Thurs., May 12

Ken & Debbie did fish sampling up Rush Cr.
I worked over the 2 water intakes - wired
the east side intake pipe to an anchor-log.
Worked on the ACUC permit and the 5
FS special use permits - corresponded with all
involved. Holly got her stuff ready for a
week away - ^{mountain lion} ML Workshop in Leavenworth
WA. Took Ken & Debbie on a mule ride to
the 3rd bench, chasing the elusive wolf
signal.

Friday, May 13

Holly was frantically wrapping up computer
tasks this morning prior to the plane
coming in @ 10 am with George and Joan
Labare. I emailed off the final edits to
the ACUC permit application and the SUP
application to the FS. George & Joan got
settled in, showed George a few jobs around
and he ran the weedator & mower some.
I put front shoes on Panny's Cricket.
Ken & Debbie went (hiked) up to Cabin
Creek. George and I took 3 mules
upstream to meet them, but they
were basically back when we met them.
Joan baked bread, made a great cake
and organized the barbecue fixings. ^{we} ^{all}
Hiked to the sagebrush flat before
dark. Saw elk (6), many grouse,
and had a strong signal on the Daisy
wolf.

used
fracts

Sat. May 14th

The main event of today was hiking up Pioneer Cr. and collecting 12-14 aspen saplings to plant on the west side of the DeVlieg Cabin. We used the backhoe to dig holes for the 3-5' tall aspen - added mulch manure and a lot of water. Had a big potluck feast @ the DeVlieg Cabin. The stock are hanging out quite downstream, south side of Big Cr. Got ready to go out - assuming weather cooperates.

Sunday, May 15. An overcast day with some sprinkles, but clouds high. Jim went out about 1:30 or so. Ray had to come down the Middle Fork. Ken + Deb went about 5 mi downstream, looking for small fish. They did get some. Ken almost stepped on a wild rattlesnake and Deb saw another one. Stock came back across the river and were just downstream of the lower pasture. We had "fired" the place where they went around, so we left them in the lower pasture overnight. Bet are that they won't be there in the morning. Weather was warm (low 60's) all day. The new aspen seem to be doing well by the V. Cabin.

Monday, May 16. A laid back day. Rained much of the day, but not hard. Ken + Deb found 'oryzopsis' + Daisy, probably to the east of the ridge across the river. Did not see them. But the stock broke down the fence by the east gate, but they returned with the FS parker, so I corralled them for the night. River really up.

Tuesday, May 17th - a busy day. Ken Cain + George went to Rush Creek early, but found it wasn't fishable; running brown + high. Big Creek also very high. Pioneer as high as I've seen it, but fairly clear. Unfortunately, it dropped a lot of sand in the intake area. The culvert is nearly full of sand. As a result, there isn't enough water coming through the system, and we lose water to the buildings. I'm running the generator for a while this evening. Colleen Baxter and two students, Rachel + Jason, arrived today. It was a very nice day, with a little rain, after getting 0.4" yesterday, and the sun shining much of the time. Colleen got emergent traps set up Pioneer + Cliff Creek. In the a.m. Ken + I repaired the fence by the lower gate, then turned the stock loose. Apparently, the repair worked because after several hours, they were seen going up to the 3rd bench. We all got together for dinner, with Joan's chile and chocolate cake and bread + salad from the ISU folks. I think I'll sleep tonight. at least it is nice to know that the system won't freeze!

Wednesday, May 18th - Spent most of the day trying to get both power + water and succeeded for a short while. High flows on Pioneer had covered the screen with sand again. So, we're building a beach up by the water box. There seems to be an air block somewhere, and I just can't get enough flow to provide both water + power. It is very hard to get the screen free of sand. When I open the main valve, you can hear sand pinging on the impeller. It rained on + off much of the day. Ken + Deb did not get out. Stock came down from benches to get a drink.

Thursday, May 19. It turned out to be a beautiful day, at least by afternoon. There were 9 elk down by the haystack early. I shooed them away. The mules had come down to drink last night, and were still low on Cliff Cr., so I brought them back to the corral for hay + sort; let them back out in the afternoon + they headed for the lower pasture. We haven't seen them for a while, so may have broken out again. The water system is giving us fits. This morning then again about 4 p.m., the water box was full of sand. It covered the screen on the intake to the 4" main to a depth of about a foot or perhaps more. The result is that there isn't enough water entering the system to be able to run the hydros. There is enough, however, for the cabins. Pioneer Creek is coffee colored, so the ~~sand~~ screens plug up very quickly, which makes the sand problem harder to understand. I opened the large bypass just above the main valve for quite a while, and it settled in to more than a trickle, but not much. I guessed that it was running about 5-6 gpm. So it fills up the pipe and fills up the branches to the cabin, but as soon as I turn on the hydros both domestic water and the hydros system fail. So I'll run the generator a couple times a day and worry about the hydros when the stream goes back down to normal flows. The mail plane arrived at 3 p.m., packed to the girls with 150 project stuff and Jessie Davis, a summer U.C. fellow, working with Jeff Braaten + Alder Boster. The high water took out the electric fence I put down at the lower pasture watering spot, so I repaired that - also mowed the lawn can't get the trimmer to start.

Friday, May 20. A pretty good day. Rained a little off & on, but the plane made it in fine to pick up Colderen Baxter, Rachel & Jason, about 11 a.m. Water box was full of sand in a.m. and again in evening. I shoveled it out, but it fills right back up again. We still have good water pressure in the Taylor colium and it is clear. The stock had gone around my fence and headed east, so we went to look for them. Here they were coming back, in the narrow section below the salt lick, with one of the young ones in the lead. We turned and came back, and they followed into the pasture. I got the fence repair stuff and changed it again. This evening, they were on the 1st bench, so it must have worked. Patrick, the FS packer came through on his way to the Boat Basin to supply the weed gang. We had Jess up to dinner. I weed whacked until the machines died again. Joan baked cookies - yummm.

Sat. May 21

The weather actually cooperated today, allowing us to fly in, with Cinnamon Robinson too, and George and Joan to fly out. Our travels went well - participating in the Mountain Lion Workshop in Leavenworth WA. I gave a talk, and we also met with Gary Koehler and Howard Quigley to discuss the "4 Decades" paper. The outgo went well! Today @ TRFS we got settled back in and also prepared for tomorrow's onslaught of visitors - the McCall High School Environ. Sci. class. Brought the stock in the corral and caught up on 20+ emails.

May 22, Sunday

Rick Furey flew in mid morning with a load of supplies for the McCall High group. Lori Nichols and Page? also flew in with gear. Rick and I hiked up to Lohauer B. to meet the class. Did the usual tetametry exercise with the class. Holly & Cinna near did final clean up in cabins prior to the group. Once @ TR Jesse demonstrated aquatic invertebrate sampling and the class participated. Deb Furey (the teacher) invited us all over for pizza. I talked TR and local history and Holly spoke to the group about our skull collection. It rained a fair amount this afternoon.

May 23, Monday

A busy morning @ TRTS. First, I hiked the group down to the sheepster house pits. ^{game of ukulele talk} Then AA planes came in with Pat Peck & Chris to set up for the J. Peck class coming in. McCall Air, Mike Dorris, came in and ^{4x}shuttled the McCall High group up to Cabin Cr. to meet the bigger plane (Islander). I hiked all of Star and same with Rocky. The enrichment class arrived about 5 pm - having hiked down from Cabin Cr. We gave them some orientation and then had a barbecue. I gave the usual Taylor Ranch history talk. Jim's class includes: 10 people, Gretel & Peter Clark, Lisa Graef, Kevin Gray, Christine Hastings, Kathy Norton, Art & Toni Smith, Janet Mount

5 hiked
2

May 24, Tuesday

Hoed
worked on special use permits and Holly did the calendar ^{update} for the website. Put shoes on the young mules - front/rear. Pecks class went up on the benches. Oriented Cinnamar on various tasks. After work we saddled 3 mules and rode over to the Sage Flat, saw a bear and 3 elk (cows) near the Rush cr. crossing. The bear was what thin (signal), hiked back over with the class but couldn't get a look at him. *terrier* today Holly prepared UI mail - receipts, etc.

May 25, Weds.

A typically busy mail day, complicated by major water system problems... the main bleedout valve quit working, apparently with grit in the valve. We spent all afternoon and evening fashioning plugs, new intakes etc... a hassle! My cold/throat problem in worse. Walt flew in with the mail along with Mackenzie and Kate... for the summer, they moved into the lab for now... Hornocker cabin will be their eventual home.

May 26, Thurs.

Holly spent the morning with the enrichment class talking about predation. I felt rotten today, so didn't escort the Peck class downstream as per recent years. Holly got caught up on email correspondence. I resumed an attempt to plug the large bleedout valve - pipe @ the hydro. This time we succeeded with a combination slip-joint w/ cap screwed to it... then wised back to main line. All cabins have H₂O again.

Researcher's Shop

May 27, Fri.

A busy morning of flying with the Enrichment class flying out via the Islander (G. Jarvis) and a 206 (Ray A.). Those planes were packed to the gills! Rachel W. and her brother Bryce came in with their summer research supplies. Holly flew out with the group. We got the new waterline valve in - and we installed it mid-afternoon, successfully! Cinnamon did a very good job cleaning the ship. I visited with both Kate and Mackenzie about their project logistics. Jesse and Cinnamon headed downstream for a couple overnights.

May 28, Sat.

Finished the valve job - moving dirt back etc. Mackenzie & Kate helped with that task, plus they helped me start up the water to the old cabin, only a couple small leaks behind the shower. Mackenzie and I packed him her gear for stock trip to Golden Mdw. tomorrow.

May 29, Sunday

Mackenzie and I loaded up 4 head - left Rocky & Cricket behind, and headed off @ 9 am for Golden vicinity. Set her camp up @ the hanging meadow. We rode on up to the Ridge - Divide with Papoose cr. and distributed half (6) of her track plates. Got a signal on both wolves on the Cliff Reg. side of Cougar cr. - some terrain in between

May 30, Monday - Memorial Day

I packed up and headed home - leaving @ 8:15. Stopped to feed stock and shoot a sigel for the 2 wolves. Made it back to TR @ noon. Didn't sleep a wink last night with this cough so I knapped a bit. Moved the front yard, then "the B" pack strings pulled in. The crew, headed for Root Ranch, consisted of Tyler, Gary Power, Scott, Terry & Dana. Cal flew in later for the barbecue. The burgers got left behind so we had a potluck with "sausage sandwiches" as the main course. They have 27 head of stock in the corral tonight.

May 31, Tuesday

Cinnamon & I got up early (4:5 am) to fix breakfast and see off the Root Ranch crew. We did yard work after they left, also more waterline "tuning." Holly was flown in late afternoon by Ray, with a plane load & new water heater. Most of the rest of the day was spent putting things away, and preparing for 5 more people in tomorrow. Mackenzie called to say she was sick and headed home. Cinnamon met her with 2 head of stock. June 1, Weds. Melissa Lamb was flown in late today.

The weather was not good but Ray was able to make it in twice - first with the remaining 2 interns (Neil Richards and Sarah Jones) and a huge load of their supplies. They got situated and then Ray came in again bringing Jody Krakowski and Catherine Roberts (White bark Pine crew). Late afternoon we did a TR orientation for everyone here. Jesse & Cinnamon installed the new H2O-Heater in the Duplex.

Tuned
up moving
machine
w/ interns

June 2, Thurs.

We had heavy rain overnight. Oriented the interns some more. Harnessed the 2 old mules - Rocky & Cricket and moved the airstrip swath. Holly harnessed the young mules and ground drove them - they were not good, so we hooked them to the forecart and drove them some more - they did better. Holly gave the interns a lesson on stock saddling... riding etc. Also today we all worked on the water line down to the corral etc. We finally determined the line was disconnected... after digging up the buried line between the valve and stream edge... to no avail. Gave a "history talk" for all @ the lab this rainy evening.

3 Kayakers
went by
today
Big Cr. -
Corn Cr.

June 3, Fri.

Cinnamon took the interns downstream to check her bear attractant sites - Dance, boat, Cougar Crts. After returning, this crew replaced the cottonwood/aspens planting @ the DeVlieg yard. Mackenzie and I covered the compost hole by the lab and then dug a new hole (w/ backhoe) by the DeVlieg outhouse. We also dumped out the big burn barrel ashes (junk!) Met with Jody, Catherine, & Mackenzie to plan out the next 2 mos. of their logistics to white bark pine sites. Holly trained the interns on map-compass and GPS use. We all watched 2 cow elk free a bobcat on the 2nd bench. The bobcat may have killed a calf. Holly worked on

June 4, Sat.

I inspected the area on the 2nd bench where the elk (2) had the bobcat track yesterday. No sign of a dead calf. Holly & Melissa hiked to the ridge top and got a telemetry signal on the 2 Golden Pack wolves. Went fishing some, only caught 1, but Neil spent more time at it and caught a few - one 17 inches (CT). We had the first barbecue with the interns. Last night Holly was up until 2:00 am trying to get the damn wireless set up to work, no luck. Corralled the stock. Melissa & Holly watched 4 calf elk with mothers on Timbered Bench.

June 5, Sunday

Went fishing briefly with Mica. She had "an went" today... tick paralysis getting started. We saw the early symptoms, and found the tick on the back of her neck, so it seems that she is recovered. MacKenzie and Melissa took light backpacks up to the Golden camp. I packed up loads for tomorrow's trip - with Jody's Catherine (Whitchark pine crew) and interns Sarah and Neil. Holly worked on the garden, and she tilled into the west garden some "awful" compost. I used the backhoe to make a hole for the burn barrel refuse, also weed eared around the burn barrel area and did the orchard. Quite a bit of rain today. I worked on completing a "horse/mule liability release" until 3:30 am, so students could sign one before their trip.

Computer Setup all evening.

June 6, 2005 Monday

Jim, ~~Mac~~ and students packed up & loaded mules and headed up Goat Creek - Jim, Jodie, Catherine, Sara, & Neal. They will meet up with Mackerzie & Melissa then travel further north to set up a research camp with wall tent.

I did phone bill & receipts to Lynne, worked on/researched computer wireless problem, corresponded with Dick B. & Dean Daley-Lawson on TR programs & TR facilities problems & needs, contacted Whitman Insurance on our horse liability insurance. Talked to Janet Pope on log bed order.

Jim reported (via our portable satellite phone) that they got into deep snow above Golden Meadow and couldn't even get to Whiskey Springs. Kate returned from upstream and we discussed her bat project logistics. Jesse (& Cinnamon) did 10-12 midnight snorkel in Pioneer Cr - 1 fish diet sample.

June 7 Tuesday ^{new}

Called Home Depot on hot water heater - no return, but they suggested we have the natural gas jets replaced with LP if possible. Found out our personal horse liability insurance will cost \$3400! - more than we could generate in user fees. I called Lael @ Whitman Insurance & Nancy Spink @ UI Risk Management for advice. Jory emailed that our Compaq laptop was "toast" and he was ordering us a new one. I hope we can still get our emails and photos off that computer. Dick Bottger

okayed the new roofs idea and agreed we need some professional help with additional power production. Cinnamon checked her bear sites, varathaned in DV cabin and did irrigations $\frac{1}{2}$ corral $\frac{1}{2}$ tack shed cleaning. Jim $\frac{1}{2}$ Interns returned from Golden area - no localized wolf scats except on Goat Ridge. I sent emails out on: FS permission request for Rachel to use Cabin Cr. cabin; UI on computer problems; Deadwood out-fitters on Wilderness First Responder class; ^{respond to} F&G on news that the Gold 1 $\frac{1}{2}$ wolf (B203) was shot on Brush Creek last week (B204 - the Gold 2 $\frac{1}{2}$ wolf <both collared last summer in Golden Pack> was poisoned last month in Panther Creek); Lauren Fins update on Whitebark crew. Talked with Rachel and Jesse about logistics and concerns with their projects.

June 8 Wednesday mail day

Still rainy today after weeks of the same! Kate cancelled on her bat trip to Cabin Cr due to cold rainy weather. High elevation crew (Mackenzie, Jodie, $\frac{1}{2}$ Catherine) called this am and reported 4" of new snow - we can see snow on the trees up Cliff Creek, too. Mail plane finally got here at 4:30 - Brice flew out and Jason flew in for stream ecology project. Interns varathaned DV cabin with Cinnamon in AM and did mule packing with Jim in pm. Jory called $\frac{1}{2}$ is flying in with our new computer Sunday. He got all the documents $\frac{1}{2}$ emails off our old computers.

V-1 Propane said they can replace the Nat Gas jet on the new hot water heater with a propane jet. I worked on DV cabin expenses itemization & sent Lynne more info on Mastercard charges that I had emailed her last night. I purchased BAF prisms and tree diameter tape measure for student's research. Jim emailed JDFG about wolf monitoring activities, and emailed fire lookout historical information to a FS employee.

Thurs. June 9

Still very wet for June. We kicked the stock across the creek. Holly worked with the interns on plant and habitat type identification. I worked some on the cougar-wolf interactions paper. Also used the backhoe to pile mule poop in the corral. Ciannamun's Kate helped with some of this.

The corral gate structure (uprights) have rotted out, so the interns, Ciannamun, I tore the gate structure apart. I sawed 2 replacement post-poles from the sage flat trail... and carried/slid to the top of the airstrip. Holly gathered a lot of plant ID literature to help the interns.

Fri. June 10

Holly worked on the water heater replacement issue - called the Home Depot manager and arranged for a return of the natural gas unit we have. I worked with the

intervals rebuilding the gate frame. We also did some other corral repairs - moving the walled bin into a better position. Cinnamon's Malissa put chew stop over the gate, new bin set up, and outside rails. We talked to Mackenzic and Jody this morning. It sounds like they are making progress, but still in the snow. Kate returned from upstream.

Saturday, June 11

Today was pretty much a day off for all. Holly did some house cleaning while I worked on the congas/wolf paper. In the afternoon Holly worked with Bat on driving, she was not good (breaking away) so we fashioned a running w device and used it on her - she improved! Then put hobbles on the young mules in the corral so they could get used to that. Had a lot of rain this afternoon. Pulled the ^{Nat.} gas H₂O heater out of the duplex.

Sunday, June 12

A nice morning, although it got squally again shortly after noon. Walt flew in with Rachel (his wife) and Jody (for computer-wireless repair). They had to abort their first land attempt and go up to Cabin Cr. and wait for better weather. Fortunately, we could communicate with the pilot via ground to air. Walt and Rachel hiked down to the gorge, I went with them part way to describe steepwater sites. It rained hard this afternoon. ^{also hauled out the water heater.} They flew out @ 6pm. Had barbecue with the TR crew and the interns all gave reports on their readings. Rachel & Jason are back from Cabin Cr.

Monday, June 13

Holly worked more on the computer set up and printing - here and the lab. She also worked with the interns on doing woodpecker surveys. The crew then assaulted organizing the big mess behind the lab, and restacking the wood pile(s). I worked on the C-W interactions paper.

Tuesday, June 14

Holly took the interns on a sample woodpecker survey on lower Rush Cr. Cinnamon ran the weed eater around the cabin yards. Jesse sawed up some water birch firewood, and I used Rocky's stone boat to haul up to the old cabin. Kate split up a big supply of firewood for the old cabin - barbecue pit. Holly did many emails getting ready to be gone a week. We (Holly & I) drove the young mules on the fore cart, up and down the airstrip. Bat still has a hard time with "whoa", so we had to use the running W with her again. Jody, Catherine, Mackenzie returned from Whiskey Springs and the "snow belt". Holly stayed up half the night doing the ACDC testing. Also today I counted 16 marmots using the main pasture ... a lot around the corral shed.

Weds. June 15

Holly flew out on today's mail plane
Rick McNeil flew in. Oriented Rick as he
will also be an asst. mngr. (besides Cinnamon)
Cinnamon continued assorted yard tasks, as did
Sarah, Melissa (planting flowers), and Neil.
Cinnamon used Star and Penny to take
Rick on a ride to Goat Basin. Prior to
the ride, Jesse and Rick set up the ladder
scaffold for staining the south Gable of the
DeVlieg Cabin. Rick & I planned for the lab
Neil and Melissa overhauled the ^{work shop.} Taylor made
bed in the duplex.

Thurs. June 16

A busy flying ^{day} here today. MF Aviation
came in with Cobden, Lenny, Arwen Baxter.
Ray also came in, with Jerry Evans and family.
It was fun to see Jerry and meet his grand-
daughter, sons Gary & Steve, and son-in-law.
Toured around the DeVlieg Cabin, lab, and
rest of the facility. Rick poured the footings
for the lab-work deck, w/ intern help.
Kate and Melissa headed up to Crooked
Cr. for bat work. Got some things together
(maps) for the Sat. Black Butte trip.
Ray also flew in Lauren Fins to meet
w/ the white bark crew.

Fri. June 17

I spent most of this day working on
the cougar/wolf manuscript. Also visited
with Cobden Baxter about his & Rachel's
research... ^(Lauren Fins on hers) logistics, help needed etc. Rick
worked on the new lab-shop/work
area. The interns "left" did misc.
grounds work. The marmots have
established use under the corral
shed and outhouse. Gave instructions
to Rick, Sara, Catherine on running the place

Sat. June 18th

Packed up gear and ^{to head} left TR at about 10:30 am headed to Black Butte vic. to move the white bark research ^{Jody, Neil, Mackenzie went with me} camp, and to make another probe on the Golden Pack to try to determine reproduction. It actually was a wet-cold trip up to the "intersection camp." After getting situated ^(Mackenzie & I did this) @ the camp, Jody & Neil went to the "Nob camp" and pulled some necessary items for tonight's ^(spike) camp. Just before dark, Neil and I hiked to the ridge line to the North and located both collared wolves down in upper Cabin Creek. It sounds like the TR crew finished the Lab shop-decking.

Sunday, June 19

Neil and I hiked down into Cabin Creek to check the area where the wolves had been the day previous - but no signal this morning... in that direction. Mackenzie and Jody pulled Mackenzie's track plates and they took down the wall tent camp to be moved to "the intersection". Neil continued probing for a wolf rendezvous site while I returned to the spike camp to use stock to reposition gear. Saddled 4 head and Jody & I (i later Neil) moved the camp gear to the Black Butte - Coyote Sprgs - Golden Meadows intersection. Colders, Rachel, Jesse, Lenny, Arwen all went up to Cabin Creek

Monday, June 20

We packed up camp (after some wild-mule wrangling) and headed back down to Cabin Creek via the Black Butte/Cow Cr. trail. Jody hiked back to TR via Cliff Cr. The young mules were truly a handful on this trip. After dropping off Mackenzie and Neil @ Cabin Cr., I met up with the Baxter family. Packed up their stuff and gave all a ride back to TR. It was hot and humid today - 93° officially. I was "wiped out" and goat bothering me. Things looked in good order here. ^{The Baxter's had (Jess's original that we extended) broke on them @ 3 am - got their attention!}

Tuesday, June 21 - Summer Solstice

Another hot day today capped off with an active thunder storm in the evening... a smattering of rain. The marmot activity @ the corral shed reached an "action point" as they had burrowed underneath the front^{22, 25, 18} back of the structure. I eliminated 8 marmots from the building and corral. Neil took them to L. Rush Cr. for "bear attractant." I checked in on several projects - D. Cabin gable staining (Jody), Lower bedroom log finishing (satin V.) - by Rachel & Jason, and Ricks continued project on the Lab-shop. Worked some on the manuscript (Coyar/wolf) and emailed L. Kingsbury, C. Pope and C. Baxter regarding use of the old Wallace cabin. Had "a crew" @ the house tonight watching the NBA finals Baxter's flew to Challis - 11 cube bags came in

Weds. June 22

A mail day, so usual letter prep. Visited with Rick on his "tasks," helped him saw some store materials. Visited with Mackenzie about her project. Worked on the manuscript & many emails. It was very windy this pm before and after Ray coming with the mail and supplies. Rick finished the stairs - left over De Vlieg cabin materials.

Thurs. June 23

Mid. Pk. Aviation flew in with 10 bags of cubes + Cinnamon and her gear. Jody helped me with the illustrations on my manuscript. Rick worked on the lab shop with help from Cinnamon & Sarah. Neil did a variety of tasks - including repair of the Troy built cycle bar. Kate & Melissa return from Crooked Cr. trip.

Friday June 24

Jim & Pat Peck flew in this morning. They got situated and we discussed the next week of activities with the interns. Jesse & Rick improved the ladder scaffold and Jesse finished staining up high. Rick continued work on the shop and De Vlieg insulation. The Pecks brought a barbecue meal for everyone. Holly was flown back in after her 8 day-long Wilderness First Responder class - it sounded very worthwhile.

Saturday, June 25

(w/ Mackenzie, Jodie, Rick, Kate)
 The interns worked with Jim Peck on his Cliff Cr. monitoring sites. Holly and I got caught up on TR business and I worked some on the manuscripts. Late afternoon Holly and Mackenzie took 2 mules (Bat & Penny) on a ride down to Cougar Cr. At about 6 pm Mackenzie came back to report that Holly was hurt - having been bucked-off of Bat. We exchanged Bat for Cricket and went back down to her. Neil & Melissa were nearby fishing, so Mackenzie had them go be with Holly. We brought her back to TR on Cricket and moved her into our bed. She has a very stiff lower back and some leg motion difficulty. Had Ray fly in this evening but the weather settled in behind him and he could not take Holly out. So, we all celebrated Cinnamon's Birthday (21st) and kept Holly comfortable.

Sunday, June 26

We awoke early and got Holly on the stretcher, and in the plane, by 6:30 am. Were able to fly her to McCall before the weather settled in again. The ambulance came to the airport and took us to the emergency room. Holly had both MRI & X-Ray images taken. The MRI showed a couple small fractures: L5 Lumbar vertebrae and the S1 sacrum. "The crew" kept things going @ TR, and helped him with Pioneer Cr. veg. plot sites.

Monday, June 27

Holly spent most of the day in the hospital, but was released in the afternoon. At TR, the interns & Jody helped Jim Peck with Rush cr. plots - and they did some bird watching. Rick worked on shop - wire wall placement and screen door. Cinnamon did irrigation until it really rained, then got ready for tomorrow's peck trip.

Tuesday, June 28

Cinnamon, Jim Peck, Melissa, Neil, Jesse saddled the 4 older stock (2 riders, 2 packers) and headed up to Mile High to do his veg. transect there. It rained on them quite a bit - late afternoon. Rick & Sarah finished most of the shop job. Pat hiked to the sage-flat and encountered a "Cinnamon bear" at close quarters. ^{which he also favored} ^{at Pounce} ^{CR. Biting through the rope that} ^{held his food bag - which he ate!}

Wednesday, June 29

I flew back in on the mail plane this morning. Got caught up on activities @ TR from the crew and on emails - 50 or so. The Peck crew (Cinnamon, Neil, Melissa, & Jesse) putted in late afternoon. Helped unsaddle & to. Pat & Jim had me over to the old cabin for dinner. Holly stayed out to try and get in to see a neurologist about her abdomen numbness. Jody helped me with the figures for my manuscript - done at midnight. Rick worked with the interns putting up insulation & tin under the Devlin Cabin.

Thurs. June 30

Spent the morning on various tasks - helping Cinnamon get Tody's Catherine's packs loaded on Penny to go up boat or trail to Black Butte camp. Visited with Jim Peck about ungulate research tie-in with IDFG. Did some final writing on manuscript and sent many emails. Melissa's ^{Larry, Cathy, Sarah} folks, sister, sister's boyfriend ^{Nels} flew in ^{w/ Walt} this evening. Ray also flew Holly back in w/ the 185.

Friday July 1

Holly seemed a bit better today, although not moving around much. The entire crew, 2 different groups, headed down to the Middle Fork fishing/camping. Melissa's family will check on 4239 wolf. I worked some on the manuscript and many emails. Also got mower ready for mowing. Wheat thin made a pass through the place.

Saturday, July 2

Ray flew in with Jesse Davis' folks: Brenda and Steve. They are from Madras. Tried to take today off... went fishing a bit. Holly feeling stiff in the hips.

Sunday, July 3

I began mowing today - with help from Rick's Cinnamon. Made 1 pass with Rocky and Cricket and the tongue broke! Rick and I "scouted out" a new tongue and cut it to length. Kate, Rick & I cleaned (barbed/washed) the tongue surface. We had the mower operable by noon. Finished

mowing upper field (weather stn.). Melissa's family returned from the Mid. FK. We had a big barbecue tonight with steak and most of the side dishes provided by the Davis family.

Monday, July 4th

Moved the remainder of the main pasture, started with Rocky & Cricket then soon swapped Cricket for Bird. Rick, Cinnamon & Kate helped out today. Gradually worked Bird out of the hobbles & "running w." We actually were quite pleased with how she did. Jesse's stove almost finished the Duplex H₂O heater - just need to increase the gas line size. Kate & Sarah began back packing to the Snowshoe Mine vicinity for bat work. Jason saw Wheat^(he was) thin up close enroute to Cabin CR. Earlier today he (Wheatthin) visited the Davis family while they fished downstream. Jason thought that Wheatthin was "bird-dogging" Kate and Sarah.

Tuesday, July 5

Another big day of hay mowing - did the entire airstrip. Started with Rocky's Bird but soon switched over to Bird's Bat with Bat wearing "the w." The young mules generally did well... they mowed fast! Bumped into a rattlesnake @ the shop door. We put the snake in a grain bag & Rick hauled it to Rush CR. The hay crew - Rick, Cinnamon, Melissa, & Neil swam after haying.

Weds. July 6

Raked and shocked main pasture - and went over driving training for the hay crew as they did the raking - taking turns. The mail plane came in, bringing Rachel and Mackenzie back in, McCall Av. also came in today with Mike? - putting in stream thermographs for Russ Thuron, his partner Tyler flew in to Cabin Cr. and is hitting the upstream tribe. Holly doing OK - working on manuscript edits and work emails - receipts for Lyane. Jason reported back to Rachel that wheat-thin had "pilaged" her research supplies at Cabin Crk.

Thurs. July 7

A big day of hay pickup - cleared the main pasture - 6 ^{11 hour day} wagon loads!! Used Rocky's Cricket mostly, and Rocky's Bird for a bit on. Quite warm today - mid 90's. Holly is still cranking away on the manuscript revisions. M. Hamjan called and visited for 30 mins. Holly's hip is still quite sore. ^{Mackenzie Sebati, Neil Rick Cinnamon, Melissa} are the main hay crew.

Friday, July 8

Today is our 27th wedding anniv. I can recall celebrating our 4th and 5th here in the early 80's! Today was very hot for haymaking - 99°. We did rake, shock, and pickup 3 wagon loads today - working well into the evening. Rachel's Jesse Davis returned from upstream. Jesse pitched in on the hay crew. Cricket spotted wheatie above N. pasture while we picked up hay. Holly continued on manuscript, still con-

tacted Rich Beauvolet with the Wash. Dept. and got us an extension until Monday. Had lightning in the eastern sky tonight. Mike & Tyler (FS) are staying in the old cabin so Wheatie doesn't mess with their camp. Sherri, the wilder. ranger is canceled down by the Salt Lick. Ed Krump will be coming in on Monday with Clara Beak.

Sat. July 9th

The morning threatened to rain but held off until 4 pm, allowing us to pick up the rest of the hay - 3 loads by noon, 1 load after. That makes a grand total of 15⁽¹²⁾ wagon loads of hay this year - putting the stack up close to the rafters in the barn. Also this morning @ 7 am a McCall Av. plane came in and took out Mike & Tyler. Holly made an apple spice cake to celebrate haying completion. She also continued manuscript overhead well into the evening. Visited crew about bear issues.

Sunday July 10th

A day of rest today - had a white-fish fishing derby! In 2 hrs. I caught 10, Rick 3, Neil 8. However, Rick and Neil kept fishing and went on to add 9 & 13 respectively to the day's catch. Wheatie^(on) broke into the feed shed and hauled off 2 bags of

molasses grain. Temporarily chained the door closed. Holly's hip is still bothersome. Neil and I saw both Wheatthin and his "little brother" while we cleaned fish. I blasted Wheattie with light bird shot - 4 times. Ray flew in Barb Cousins & Randy (photographed) for a 3 day stay. H & I worked on manuscript a bit more - emailed off to HQ & Mike S. for review.

Monday, July 11

There were 3 Arnold's flights today - Walt with gear & a new bed and then Ray coming in with Ed Krump & Clara Break - midday. We did get our manuscript emailed into the Wash Dept folks by noon - finally - done with it! Kate made it back from upstream. Cinnamon & Jesse "wrestled" the new bed into a completed unit - a nice job, even got the mattress & box springs to work. We had a TR barbecue... lots of whitefish, some of which we smoked in the smoker today - tasty! Holly mailed off receipts to Lynne K. and did other email & mail correspondence. Toured Clara around and familiarized her with "the crew." Shoud Cricket & Poney today w/ Mackenzie help.

Tuesday, July 12

Got up early and saw off Jody, Mackenzie, and Rick w/ 3 mules - heading up to Black Butte to do veg. plots and "pull" the camp gear. Had another "bear attack" on the feed shed. We fixed some of the damage, then put up 2 strands of electric fence

around the building. I studied for - took and passed the ACUC exam, so now I can capture/handle critters - officially. Holly gave the interns & Clara & Ed a wilder. first aid talk. Sarah, Melissa Neil did various tasks... and visited a lot for/with Clara.

Weds, July 13

Barbara and Randy flew out on the mail plane. Ed R, myself, and the interns set up the remote camera at the bait site. Kate & Cathryn worked on staining the Devlin cabin - clear coat on trim and sanding the balcony. Clara did some birding around the property. We had a big barbecue/potluck in the evening and Holly and I did a bear safety talk. There were 18 people. Today I also spent a couple hours, or so, reviewing and editing the OR ^{Coyote} ~~Bear~~ plan. Cinnamon helped Jesse with Cliff CR. snorkeling. Mackenzie, Tody, Rick returned from Black Butte. M&J arrived first with the stock and camp gear - they did very ^{well} considering the 100+ heat. Rick opted to go down Coyote Cr. from Golden Meadows - he was tired when he came in later in the evening. Shod the fronts on Star, checked the 3 driving mules - will do their fronts before Monumental trip. Another 100° day!

1/2 shod
Star

Thurs. July 14th

I wrapped up my Cougar Mngt. Plan review for OR. and sent to them (Don Whittaker). Rachel & Jody described their research efforts - aquatic inverts and white-bark pines respectively. In the evening we all got together again to discuss DeVlieg projects (Mackenzie & Kate) and Ed Krumpel led a discussion on a wilderness values reading. Having problems "holding power" with the hydro., so running the Honda generator more than desirable. Visited with Clara about the internship program(s)

Fri, July 15th

Clara, Holly, Jody, Katherine, and interns did some birding around the ranch in the morning. Clara and Ed flew out around noon. The crew going to Monumental packed & prepared for trip on ~~Friday~~ Saturday. Jesse and Cinnamon returned from Cougar Creek, snorkeling on Thursday night. Rachel and Jason flew to Cabin Creek then hiked back in the evening. Kate hiked to Cabin Creek in late afternoon. Holly worked on phone bill. Larry Markus and friend stopped to visit while on fishing trip.

Sat, July 16th

Jim, Jody, Katherine, Melissa, Neil, Sara left for Monumental in the morning. Kate returned from Cabin Creek. Cinnamon worked on billing. Rick worked on finishing touches for shop behind lab. Holly did some billing and budget work.

Sunday, July 17, 2005 by Cinnamon Robinson

Rick worked on the shop & digging out the main pasture ditch to try & get water to the lower part. After moving irrigation Jesse & I spent hours digging out the intake box. The culvert is half full of sand. We dug out what we could & it seems the hydro is running better. Everything started up with no complications. A miracle. The Becks left this morning w/ Arnold Aviation.

In the ~~evening~~ evening Arnolds come in & picked up Holly & Mackenzie to go out & see the doctors. Breecne Jackson (Breezy) & Stephanie Jenkins were dropped off, they are conducting riparian research. As Jesse & I were fishing at the mouth of Rucka

1:1 black bear was spotted crossing ~~the~~
& Big Creek, possibly Wheatthin Junior.

Monday, July 18, 2005 by Cinnamon

Rick worked on the shop, while I revamped the hose system, & answered calls from Julie who had forgotten her tags & wanted Arnolds to airdrop them to her at Monumental.

In the afternoon, Kate & I did some mowing & yard work. I also started the upper airstrip ditch. We had our first major breakdown today, the internet is not working. The receiver has totally shut off. The doe with 3 fawns was spotted at the barbecue pit & Rick & Stephanie spotted a bear there also. Jason & Rachel tried to snicker down to Duncel. They both pulled out at Cougar.

~~Rich~~ Breezy & Stephanie spent the day up Pioneer Creek setting up sites. Jesse went to Rush Creek to do some invertebrate samples.

Tuesday, July 19, 2005

by Cinnamon

This morning started early for me. I hiked up to the timbered bench on Cliff Creek & set up a bear site. The whole time I doubted I would get a hit on it. Well as I was hiking back down, not a 100 yards from my site I ran into a bear. Ironie. I also set up a site up Pioneer Creek & showed Rich how to check the bear observation site at Rush Creek. On our way back we grabbed a couple logs for fence remodeling. I also fixed the N. pasture fence which had been left on. Not by me, but I wish I would have known that before I grabbed it. Rick & Kate put the new posts on the gate by Arlows while I packed for my trip up to Big Creek. Jesse did invertebrate samples on Cougar, Cliff & Pioneer. Breezy & Stephanie worked on Pioneer Creek again. This evening Holly & Mackenzie are getting dropped off & Jesse & I will fly to Monumental & drop off the tags for the whitebark pine crew & then we will be dropped off at Big Creek.

On Monumental Creek - The interns and I trapped a wolf pup and put in ear tags (#173). The rubber-jawed trap did very little damage... slight swelling.

Mackenzies doctor visit @ ER MRI showed she tore her posterior collateral ligament & she got a leg brace & told her she had to stay out of the field. Mackenzie drove home to see her doctor ^{1st}.

July 20 Wednesday

Beth Sanderson & Joanna Bybee & Via from NMFS flew in to do Rush & Big Creek sampling. The Internet was down when I got back last night, but I was able to restore power on faulty power adapter. Talked with Breezy & Steph before they headed to Cabin Creek. Caught up on correspondence - invited Alton Cambell to TR, sent Mackenzie's ROI form to George Porter, photographer visit, Mary Faurot USFS visit, Braatne reply, Bernardo & Troy & Crystal replies; coordinated Bill Wallace trip details. Rick & I & NMFS crew had a potluck together. I got cabins ready.

July 21 Thursday

More scheduling & coordinating visitors today. Rick worked irrigation & shop projects. NMFS crew flew out in pm. Wayne Minshall's crew arrived in the dark at 10 pm. I helped them unload horses & settle in. Judy Minshall arrived earlier & we visited.

July 22 Friday

Invited Steve Daley-Laurson (Dean CNR) to visit this summer. I spent ALL day trying to resolve Internet connection issues with Direcway - 5 phone calls @\$80 on satellite phone! After getting DWay setup on one computer correctly, the power adapter finally died for good! So, no Internet until we get a new power

adapter in a week. Customer service says they do not support (provide customer support for) wireless network connection - despite their heavy advertising about the benefits of the new Direcway 6000 system. Time for a letter to Customer Src. Jim & Bleak Interns Melissa, Neil, & Sara arrived from Monumental with lots of stories from their wolf monitoring & trapping packtrip. Stephanie & Breezy returned from Cabin Creek. Minshall Crew worked Cliff & Pioneer Cr. Colden and I met to discuss his project at TR - new & ongoing (Rachel's). I called Ranger Quinn Carver for final answer on use of Cabin Cr. cabin to store Rachel's research supplies.

July 23 Saturday

Interns were off today. Rick worked with Breezy & Stephanie. Jim & I advised Breezy on her project focus and connection to Colden's ISU projects. Steph moved from DeVlieg to the storage shed and Breezy is looking for somewhere quieter too - All the Minshall crew is staying & cooking in the DeVlieg. Minshall Crew worked Cougar & Goat Creek. Still problems with irregular hot water in both new Aquastar heaters - I read up on troubleshooting & will run tests/fixes on Monday. J & H half day off. All ranch potluck at the BBQ pit. Wayne & Colden both described their research on Big Creek at the potluck. Wayne's crew is: Wayne, Judy, Jennye Minshall, Sarah, Jess, Amanda, Colden, and Patrick della Croce. Patrick is the undergrad volunteer ~~from~~ ^{from Switzerland who} we communicated with ^{last} ~~the~~ ^{Spring}.

July 24 Sunday.

We met with Wayne & Colden. Interns worked with Minshall Crew on Rush Creek in Am collecting aquatic invertebrates & water samples and measuring stream morphology & characteristics. Judy & I picked pie cherries & I made 2 pies for the whole crew (18 of us). Minshall crew expanded irrigation ditches in pm - work exchange for part of lodging expenses. Interns off in pm; half day off for J & H. Cinnamon & Jesse returned from their 5 day trip (backpack) from Big Creek. Jim & I gave evening talk to everyone about our forest fire adventures in 2000.

July 25 Monday

A busy morning. First, we saw off Wayne & Rachel who are headed up to Big Cr. - after a stop @ Cabin Cr. Sherri's stop by this morning - right after Quinn Carver (the Ranger) called to say that "All was fine" to start storing supplies (aquatic research) in the old post office building @ Cabin Cr. Cinnamon & Jesse had a good trip to Big Cr. and visiting Wilbur Wites... w/ some new scoop on Lobauer's bear trap - being "a myth" that he died in it! Copied all our special use permits for Sherri.

Jody & Catherine returned from Rush Pt. Sailed up the cottonwood tree that smashed the fence by the corral. Rick replaced a rail for the corral hitch rail after I accidentally struck & broke

it while transporting cubes with the backhoe loader - damn! Neil headed upstream to work with Breezy & Stephanie. Melissa & Sarah^{& Holly} stayed here and pulled 14 wasps @ the Rush Cr. hole - both sides of Big Cr. Judy picked Raspberries.
 → 294 plants.

July 26 Tuesday and discussing projects
 Non stop coordinating today - flights, graduate students, undergrads, ^{F&G} 2 Middle FK Aviation planes in at 8AM for the Minshall Crew, brought 5 people for Coldens Crew; Swiss undergrad Patrick della Croce; Joe Glacier Park aquatic (inverts) ecologist; Christian Torgerson ^{Landscape Ecol/USGS} OSU; and Lennie & Arwin Baxter, Then the McCall Islander flew in at the same time with Kim Apperson's IDFG snorkel crew's gear and flew Jesse to Cabin Creek to work with them. Jim & Rick McNeill flew out with Arnolds in the evening - Jim to an IDF & G immobilization refresher class and Rick is done with work. Ray Arnold brought a 5 gallon tub of ice cream + root beer for RB floats - plenty for the 25 of us here today! The IDFG snorkel crew spent the night here. Kate L. returned from upstream bat work just in time for ice cream. Jim coordinated with Sue McMurray on scheduling a photographer & writer for a story on Jeff Braatne & Colden Baxter's project & grad students. I reread the Trace Inverter manual, but still can't find instructions for programming the unit: to decrease ^{maximum} generator amps load and increase battery amp shut down ^{power} point. ^{The batteries are not charging well.}

Wednesday July 27

Another very, very long day - starting at 7AM and ending at 2AM the next morning! Fish & Game flew out early - 2 planes, Arnold's had 3 planes in: Joe Ebersol ^{DEA} OSU, Jen Pierce ISU geomorphologist, Jeremy Moore Ft Collins and Kate Dwire Riparian ^{& Ft Collins} Ecologist from Wyoming all arrived as Colden's Crew; Rachel returned from Big Creek/Minshall packtrip; and Mackenzie flew in after being out to see the doctor about her knee injury. Breezy & Steph hiked back from Cabin Creek. We saw a bear on the air-strip twice as planes were landing or taking off, plus one at the BBQ pit & Delleg Cabin area. Patrick got to capture and move a rattlesnake from the trail by our cabin to the lower pasture. Cinnamon & I doctored Bat & Star and gave the mules shots (4way = E/W/Tetanus/West Nile, and flu/rhino). Bat & Bird did great with twitch.

Received the replacement power adapter cord at 2pm & I worked on getting the computer - Internet system working until 2AM! - including 5 phonecalls @ \$114 to Direcway Customer Service. Now we have Internet back on one computer, but no wireless and the tayranch @ direcpc.com is no longer functional! - We lost the emails from the past week and will not be able to receive on that address. I am thoroughly disgusted with the Direcway DW 6000 "upgrade" I made 6 weeks ago - that has wrecked our functional wireless Internet.

Thursday July 28

The Interns left early to work lower Big Cr with Colden's "Onion Project" crew - & camped at Goat Cr admin site. I contacted Direcway again to see if they could restore our direcpc.com email address they accidentally disabled last week - no luck, no sympathy, no message to senders that we didn't receive their email! Phone & email messages to Jory for CNR help. I sent several emails to all 250 people in our address book to change our email address. We have not received an email since Friday, except my test emails. Janet will buy ~~an~~ ethernet cables so we can try the hub instead of disfunctional wireless. By 3:00 I needed a diversion from computer problems, plus needed to get a message to Neal - so Cinnamon & I rode to Duncree Creek & left a message for Neal about his dad's visit dates. Saw 1 bear, 1 rattlesnake, 2 snorklers and a backpacker Row - living off the land on a 4 month trip. Doctored horse & mule. Emailed Wayne, Bill Wallace, Lynne K...

Friday July 29

Lots of scheduling, coordinating and meeting airplanes. Jim returned from the IDF & G wildlife immobilization refresher course and flew in with Cindy Johnson & Joe Poulan writer & photographer for WI magazine. Janet flew in the afternoon - an hour after damaging winds & rain. Sherry from Cabin Cr joined us for a 30 person BBQ/potluck with Colden's crew & the TR crew. The Onion

project crews surveyed fish, aquatic invertebrates, riparian vegetation and geomorphology up Big Cr to the vicinity of TR, with help from grad students & undergrad Interns & Jesse. Record number of overnight visitors overflowing the facilities. Great interactions at the campfire with Jim doing a brief history and carnivore talk and Colden an "Onion Project" talk. The UI writers interacted with everyone. Jason & Kate caught a bat in mist net by DV cabin for Janet and UI visitors.

Saturday July 30

Cinnamon's family flew in from Challis-Glenn & Lisa + Amanda & Colden's crew worked up from Taylor Ranch. Kate & I volunteered with the crew (I did aquatic invert data collection for Jeremy) and Janet Pope photo documented everyone. Interns were off for the weekend. Jim packed Jodie & Catherine up to Dave Lewis Peak with 3 horses/mules for their last whitebark pine study area. Onion crew spent another night at Taylor Ranch and we had another 30 person BBQ! Colden's crew were very complimentary about the undergrads helping with data collection, and the students seemed to enjoy their experience.

Sunday July 31

It was supposed to be a day off for me and Jim - finally a chance to leave our house and the steady stream of visitors wanting help or advice or Internet access on our computer! Instead it was another 8am to 8pm+ workday! We are feeling major effects of burnout!! I started the morning with more computer fixes, then made moose lasagna for when Wallaces are here. Suddenly the lights dimmed and the microwave protector blew, the printer stopped, and the satellite telephone quit. We had a major "brown out" - when I checked the Inverter the batteries were at 15 volts (then dropped to 11 when I turned the hydro off (it was producing 30amps)); the AC current was 96 instead of 110-120. The Inverter should have shut off power at 22 volts to protect the battery bank. Looks like Inverter problems are causing recent power issues. We do run the Honda Generator almost every day because our power use exceeds production. Power production is also somewhat down due to sprinklers decreasing hydro volume. Jim shod mules. We met with Janet on Devlieg funding requests for next meeting + discussed current projects & facility/workload overuse. Met with Mackenzie & Kate and shared our computer Internet connection with all. Emails & phonecalls coordinating 12 of us shared a potluck dinner - Cinnamon's family provided BBQ ribs & potato salad!

Clean Robinson, electrician looked at our Inverter & gave us advice on power issues

Colden's crew worked toward Cabin Creek. Breezy & Steph put out pan traps w/ Janet at Cliff & Pioneer Creek and keyed out plants. Rachels broken toes from Wayne's horse stepping on her are worse today, so she will rest, then fly to Cabin Creek tomorrow. Kate's hobbling around with sore bottoms of her feet, but backpacked to Cabin Creek for a night of bat surveys. Melissa & Sara backpacked & fished to Cabin Creek in the pm. Thunderstorm cooled things off.

3 of Colden's crew out from Cabin Creek
 August 1st Monday Cinnamon's family out.
 A very busy morning with crews leaving...
 3 flights at once this morning, etc. Neal and I packed up gear and took 6 head up to Cabin Cr. Met up with Larry K., Gale Dixon, and Steve Stoddard who were doing cut bank searches for archeo findings w/ Sarah & Melissa too. They found a great spear pt. and a piece of Shoshone pottery. Wayne Minshall flew in to C.C. via M.F. Aviation and joined up with us. At TR., Holly called BW solar about the Trac inverter for the hydro and she reprogrammed the shut-off settings, reestablished a single Internet connection and unsuccessfully worked on wireless connection that blew when we had the brownout. Communicated with Bill Wallace. Katie Gillies (Miller) flew in this morning and set up mist nets @ Ruck with Kate, Janet, and Jason, but ^{got} rained out. Potluck

Tuesday, Aug. 2

Janet flew out.

Holly, Bill Wallace, Mary Acker were flown into Cabin Cr. Bill spent his early life at CC (The Wallace Place) so there was a lot of history discussion. His folks were Mark & Jean Wallace, who were friends of Dave Lewis in the 20's & early 30's. Bill went over all the property ownerships while Wayne & Gale took notes ... very interesting. Rocky carried Mary around - he's such a reliable old guy. We (interns, Holly, Wayne & I) camped with Bill & Mary and the stock in "the Cottonwood patch" along Big Cr. Kate & bat crew surveyed/netted Dunge & George - 9 bats - 3 species including Townsend's Bat.

Wednesday, Aug. 3

Got off to a leisurely start getting the stock and camp ready to go. Holly took ster and rode up Cow Cr., trying to verify on a litter of wolf⁽⁵⁾ pups that Mile High staff reported seeing there. Rode down to TR with Bill & Mary. Neal, Sarah, Melissa stayed back to work with the Archeo's... aging an old Steepcater tree-panel removal. Alton Campbell rode the mail plane into C.C. and met up with the interns and F.S. folks. Then Alton hiked back to TR with the interns. Bill and Mary rested up this afternoon in the De Vlieg Cabin. Had a large ranch-barbecue with Alton providing the pork & cooking for all... another great potluck! Two plane loads of Colben's crew flew out in the morning. The Interns & all of us who volunteered on Colben's crew got a ^{"Thank You"} care package from some of his team - yummy!

Thurs., Aug. 4

Visited "History" with Bill Wallace this morning. Alton visited a lot with the students who spent the summer here and Jim & Alton and I discussed the spring semester course idea ^{J&H} we have been promoting. Alton had some good ideas & interest. It was an early morning when the Salmon Air plane arrived for Katie & Jason a hours early at Coam! Jim & I gave the pilot coffee & a tour while K & J got dressed and ready to go. Then we cooked breakfast for Wallaces, Alton, and Wayne before Wayne's plane arrived from Challis. We had a constant flow of students in & out of our house to use the Internet. I never got a chance to check our email. Another great BBQ with everyone - Alton cooked & provided most of the fixings. Kate hiked out for the summer in the pm.

Friday August 5

Lots of Internet use at our cabin. Interns finished the Lewis' wood pecker survey around TR that they started yesterday - 10 ^{active} nests between here and Mule Basin / Lobauer! Yesterday they also selected articles to read and gave presentations at the BBQ last night - some good discussions followed. Catherine & Alton flew to Cascade - end of the summer for Catherine. Jim & Mackenzie flew to Big Creek to talk to Wilbur Wiles about martens & fishers and also

visited with Bob Gillihan & Jack Walker & Nancy. Bill & Mary flew out on the 3rd flight. I spent the morning making a CD & labels of all the pictures we took while they were here - for them. Neal's dad, Tom flew in. We had another BBQ with left over meat & salad from Alton's visit. Caught up on emails & phone calls - visitors upcoming, etc, phone bill.

Saturday August 6

Early morning wake up when it sounded like a plane circling to land - no one landed. Melissa & Sara came over and cooked me breakfast! Fun to be waited on! I caught up on housecleaning, putting away camp gear, and laundry while students took turns at our computer for Internet. Finally at 2 pm I had 3 hours to myself to read the other stories in the Forged In Fire anthology of fire stories that my essay was published in. Interns were off today - Neal made the "Hiking Club" and his dad did the Horse Mountain leg. Melissa & Sara organized 1,500 photos of the summer to put on CDs. Cinnamon is still staining Dellieg Cabin logs & deck. Rachel & Patrick heard a cougar yowl at Cougar Creek last night. I talked to Patrick about how ^{where} to call out on the satellite phone in case of a medical emergency and explained how to deal with a rattlesnake bite - his concern.

Jim & Mackenzie returned from Big Creek and we loaded (yet another) airplane full of ^{extra} student gear and food to store in Cascade until their flights next week. Neal's dad Tom made pizza for the Interns & Jim & I!

Sunday August 7

I worked on the Trace Inverter again - still will not charge the batteries with the generator. Jim & Mackenzie wrote notes on their visit with Wilbur. Interns were off. Everyone (Jim, Holly, Cinnamon, Jesse, Jodie, Patrick, Melissa, Sara, Neal, Breezy, Stephanie, Rachel) participated in the "Special Olympics" - the Crowsfoot team vs Long Eared Broncs; Mackenzie was the judge. We did cross cut sawing & wood splitting then archery and aerial targets with longbows.

Monday August 8

Resumed the Special Olympics - mule catching & saddling and meaty packing/mule loading. Teams were tied so the tie breaker was "mule calling" - hilarious mule imitations, but another tie, so the finale was "wolf pack howl" and the Crowsfoot team won (Jim, Jesse, Patrick, Sara, Breezy, Rachel)! All documented on digital photos & video.

Rachel & Mackenzie flew out for the summer - met up with Kate at Big Creek & picked her up. Zack, Breezy's boyfriend flew in,

Corresponded with Bill Wallace, Clarence Benninger - Jim ordered immobilizing drug, Jeff Wheelwright from Discover magazine; sent 10 emails to Janet Pope (+ 5 to Lynne Kittner) & for DeVlieg Fnd. meeting including ① DV TRFS support summary / thank you / request letter ② DV undergrad & grad summaries ③ TRFS annual report ④ J&H Cougar-Wolf research publication ⑤ photos ⑥ budget info. Contacted Clark Communication to order new power adaptor for phone - blown out by the brownout last week. Cinnamon finished DV cabin clear coat.

Tuesday August 9

Jim did the packing final with Interns in the morning. In the afternoon we met with each Intern for 1/2 hour exit interview evaluation. Interns - Melissa, Neal, Sara finished their research writeups (wolves, Lewis' woodpeckers, bear monitoring, Knapweed, letters & photo selection for Clara Bleak; then cleaned the lab & packed. I did more correspondence about DeVlieg Fnd. meeting & worked up the phone bill. Cinnamon & Jesse started on the new Pergo type floor for Arlows. Melissa cooked a chicken dinner for all & I made apple cake - we ate at the DeVlieg Cabin - 12 of us. Melissa put together a slide show of the best photos of the summer - on her computer.

Wednesday August 10

Ray Arnold surprised us by flying in at 7:15 am instead of noon as he told Sara & Melissa! Lots of scrambling & waking up by the crew to get Melissa & Sara off on the plane - last day of the Internship, Jim's brother Mike Atkinson flew in for a week - it's his first visit to Taylor Ranch. Jaran Boudier also flew in for a week - he will work with Dr Chuck Peterson (ISU) implanting 4 telemetry units in rattlesnakes, and hopes to be a DeVlieg Undergrad Research Scholar next year studying rattlesnakes @ TRFS. I visited with Jaran about rattlesnake & field safety procedures. Jim, Mike A., and Patrick cross cut sawed ~~a~~ trees down then Jim bucked them up for firewood. Jodie hauled wheelbarrow loads of firewood to the Hornocker Duplex - lodging work exchange. Neal & his dad Tom hiked to the Middle Fork. Breezy, Zack, and Stephanie worked Dunces Cr then hiked to the Middle Fork too. Cinnamon & Jesse finished Arlow's Pergo type laminate floor at 9:30 pm! Still lots of furniture moving, packing, and cleaning for them - so much for heading to the Bighorn Crags this evening. We did short exit interviews with Jesse & Cinnamon at 10 pm. We fed them dinner. I spent several hours on phone calls - Bob Klecka about Trace Inverter trouble shooting, Nancy Matthews, my Blue Shield ambulance & doctor bills.

Thurs., August 11

A slow morning - kind of, until MF Aviation came in with Chuck Petersen. Holly visited with Clark communication about phone options. Mike, Patrick, and I felled 3 firewood trees (w/x-cut), I then bucked up most of them with a chainsaw (rolled onto property). We also split a big pile of wood... lots of exercise for Mike - and us! Also this morning (actually early pm) Cinnamon & Jesse left for the Crags. They had to spend a lot of the morning cleaning up their living places. Tom & Ned Richards were flown out with a full load of gear @ 2pm today. Chuck & Javan put telemetry implant in 1 rattlesnake @ Rush Cr.

Friday, Aug. 12

Hauled 5 loads (trailer's backhoe bucket) to our woodpile - Mike & I. Did a lot of splitting too... and some chainsaw work. Holly cleaned the lab and worked on hotwater heater issues. Mike attempted to solve the dead mouse problem in the east duplex. We ended up dismantling the stove pipe... and above the roof -- quite a job. Zack and I found 4 mouse in the box (that goes through the roof). We had a ranch wide barbecue tonight... potluck style.

Sat., Aug. 13

Holly, Jody, Mike hiked up on benches. Javan & Chuck caught a second rattlesnake for telemetry from the lower pasture. I worked

some on firewood.

Sunday, Aug. 14

Saddled the 6 head and went upstream
 - Mike, Holly & I riding. We met the
 crew of 6 coming in from Big ca. trailhead.
 - Andy Atkinson, Keith & Courtney, with
 friends Larry, Shane, & Derek. There were
 some very sore/blistered feet as they
 did 20⁺ miles yesterday. Had Holly's
 Lasagna for dinner. Also this afternoon
 Chuck P. did a surgical implant for
 all to watch in the screened lab shop.
 He also sprained his ankle on the irregular
 rock walk-way.

Monday, Aug. 15

Today was a group work day. I fell
 2 large fir trees behind the wood shed
 and 3-4 of us worked on moving rounds
 splitting (mostly Keith) and stacking into the
 shed. Andy and Shane worked with Holly
 getting the wineless internet up & running
 again. AA flew in Nancy Glenn & David
 to do geology work, MF aviation brought in
 Zach, Shawn, & Charlie from Challis. We had
 a big potluck dinner w/ everyone @ TR
 (19 people?).

Tuesday Aug. 16

Saddled the stock and went down to the
 Gorge with our "family crew." Everyone with
 sore feet rode. Bumped into Jeff Wheel-
 wright along the trail, coming up from

the Middle Fk. - raft trip. He is a reporter/journalist with Discover Magazine. He's doing an article on some aspect of research in wilderness. Had another big barbecue and group discussion @ "the pit." Chuck P. was flown out this pm via Middle Fk. Av.

Weds. Aug. 17

A busy day of flying. A.A. flew out brother Mike, Tawan, and Jody K. They also shuttled geologists Zack L. & Shawn up to Big Cr. Andy & Shane are still working on wireless internet problems. Visited some with Jeff the reporter - who has talked with Breezy, Patrick, Jody & C. Petersen yesterday. Jeff has a very narrow viewpoint on both wilderness & wilderness research so our conversations have been a bit awkward. St. Gertrudes Museum contacted us about giving a talk (Oct. 20) on the history of TR, which we will do. Derek made a big pot of chili and we all pitched-in for another potluck. Charlie flew to Challis and Nancy & Dave flew to Cascade.

Thurs. Aug 18

Holly spent most of the day ordering the phone and getting caught up on email correspondence. Salmon Air came in early (tested a new pilot on a 2nd landing) then flew out Jeff Wheelwright. Stephanie helped me saw up 2-3 fine wood trees down along the strip. We hauled (after splitting) 3 backhoe + trailer loads of wood - 2 to our shed, 1 to DeVlieg. Derek & Keith pitched in during the last phase, Breezy's Zach helped split some. Yet another barbecue tonight - moose & many side dishes.

Fri. Aug. 19

Another morning of flying and waiting to fly. First, Ray came in and took out Holly, Breezy, and Zach. Then early afternoon George came in with the Islander and skuttled Keith, Courtney, Larry, and Derek up to Big Cr. Then in the heat of the day, Stephanie and I hauled more wood (2 loads) from the airstrip to the De Vlieg Cabin wood rack. Also this am MF Aviation came in and took out Zach Linton's Shawn - they killed in from a survey down Big Cr. last night (stayed in the lab.).

Sat. Aug. 20

Tried to take the day off, we did catch and pit tag a rattlesnake (Patrick, Steph & I). Also saw 1 or 2 others that slithered away. Hot today - 95°. Did some fishing, caught a mix of cutthroat and whitefish. Worked on Arlow's water heater, don't keep the pilot going... and then ignite the burner. Patrick chopped firewood.

Sunday August 21

Steve Achord's NOAA Fisheries salmon pit tag crew of 9 arrived in 3 planes w/ McCall Aviation - Steve, Neal, Bill, Mark, Ben, Dave (computer guy), Jake, Lanica, Derrick. The crew laid out their work gear then went fishing. By evening we were into a power deficit - had to run the Honda generator for 2 hrs. Changed propane @ the De Vlieg Cabin. I also worked on the little chainsaw - it needs a pro.

Monday Aug. 22

Did several email correspondences regarding Jeff Wheelerwright and his story. ^{"wilderness research"} Tried to determine why the hydro. power is running so low (NMFS battery changing part of it). Steph and I spent most of the day sawing up 2 trees and splitting - hauling - stacking 2 big b. hoe's trailer loads of firewood. In the evening Walt flew Holly in. He was in a hurry due to restricted flight rules with Pres. Bush in the area (visiting Tamarack Resort). Holly went out to attend Troy Hinek's Alice's wedding in Rigby Idaho. She also stayed with Katie & Russ Miller, then did TR shopping in Boise. Had more hassles with power outages.

Tuesday, Aug. 23

The morning for me started @ 5 am when the De'Vling coffee maker knocked out the power. I spent the morning pulling together all my publications to list for Jeff W. & the Dean... as per request by Sue M. Holly did receipts and records for Lynne K. I encountered a large rattle snake eating a small rabbit @ the middle Pioneer Cr. Bridge. Holly took a lot of photos, then we had the interested NMFS guys come watch while I caught for pit tagging. Also today I moved the rear on Star, then rode up beyond Lohner B. with Star & Penny to give Stephanie a lift home after her long hike up Cabin & Cave Crks. The NMFS guys had a 11 over for a big turkey dinner - an annual tradition!

shooting
- Star

Weds. Aug. 24

We squared up with the NMFS folks just in time for the planes to roll in. 1 Islander and 2 - 206 flights from McCall Av. The mail plane came in late morning. We pit tagged the big rattlesnake, painted his base rattle sage green - the released east of Cliff Cr. bridge. Mowed the lawn. Worked on Steph's water heater, finally getting the pilot to stay on. Holly came along later - adjusted the water pressure - flame knob and it worked. Went over irrigation rotation with Steph. Showed Patrick how to do telemetry, then he & I hiked to Knob above sage flat to do "general telemetry." The only signal was "Snaker & snake!" - the 2 rattlesnakes that Chuck P. put telemetry in.

Thurs Aug 25

Jim & Holly spent the day preparing for their trip out to attend Janet's (Pope) birthday ~~and~~ as well as giving me (Stephanie Jenkins) the final instructions for sitting the ranch. Holly worked on billing summer users for their stay here. I mowed the Devlieg lawn and set some mouse traps in the LAB. ~~white~~ Cleared out the intake pipe for the upper irrigation ditch & cleared the trail to the intake (water) for Arlow's. My water heater is functional but the pilot went out twice today & once yesterday, but so far easily restartable. and has a loud "thump"

Sound when ~~the~~ working like one of these days it might just blow up. Brian, the Wilderness Ranger at Big creek came down Rushpoint this evening and stopped by and gave us the rundown in the happenings of the Forest Service as well as general news of Big creek. He's camping out on the Dering deck tonight. I bet he's staid to go in cause its so nice. The past two days have been a bit chilly in the mornings & cooling considerably in the evening.

Fri Aug 26

I gave Rocky some yogurt this morning and ~~and~~ during which Patrick came down and got practice of putting bug spray on the stock. Fixed the irrigation ditch by gate to the Duplex & we'll see if it still leaks. Time will tell. Straughtened up the electric fence and cleared out behind the fuel shed. Found part of a camp stove that has been MIA in a garbage sack behind the fuel shed in the irrigation ditch. Patrick used the bow saw almost all afternoon to stock Arlow's cabin. I also spent some time getting paperwork for ISU squared away. The paperwork seems to be growing exponentially but I think I've got it mostly done. This morning Patrick went to Cougar to snorkel.

250
SAT

Aug 27

Took the day off. Mid morning put the stock on the strip and after a couple hours feeding in the pasture. Patrick went up to Cabin to sample Rachel's sites. At about 6pm Ray flew over ^(w/o warning) and I scrambled to get the stock off the strip and turn off the sprinklers. Ray had to circle a few times, but when he landed told me that he was taking Patrick to the hospital from Cabin creek and needed a few personal items of his while the EMT checked Patrick out at Cabin airstrip. We finally found his insurance and then Ray was off. Tomorrow hopefully I'll know how he's doing - some sort of urinary tract infection.

SUN

Aug 28

Checked my email and found email from Colleen Baxter saying that Patrick was bitten by a rattlesnake rather than an infection. Tried to call Carol, but no one is in on Sunday mornings. Later found out from Carol that it was a bladder infection and he spent the night in the Cascade hospital because there was no room in the hotel. He's hydrated and on antibiotics and back here a JR. Flew in about 6:30 pm I went to Burnt Creek to sample

Breezy's sites and saw 3 racers, 1 rattlesnake, and a cow + a lamb. Going up Burnt Cr. trail I saw bear scat which wasn't there a week ago when I sampled previously, but it certainly wasn't fresh. And fresh scat + prints of a coyote around the confluence of Goat. I've had two frogs and two mice so far that have been in the pan traps and they are not supposed to ~~be~~ kept if it happens, so sadly they died for nothing.

Mon Aug 29

I feel better today (I am: Patrick, and I am very proud to write in this diary!), but anyway I just did some PC-work today since I have to rest. I helped Stefany with a "irrigation-system".

Stefany did some other Ranch's work, and then ^{she} checked out Breezy's traps in Cliff Cr. and Pioneer Cr. (she came very close to a Rattlesnake).

The NOAA-Fisheries's crew arrived today (3 pers.) and they went on Rush Cr. to sample. They are staying in the DeVelie's Cabin. (Beth, Will, Hong Ni)

I invited Stefany for dinner but she didn't accept (I ^{think} ~~may~~ she does not trust my "chuck-outs"; I'll try with ~~an~~ inviting her in a restaurant)

Tue 30 Aug

Stephany left very early for Cabin Cr with a mule, and I am "in charge". I sent the meter and then I worked with the NOAA-crew between Cliff and Pioneer. They flew out at 1800. I took care of the irrigation and of Rachel's samples. One of the mules (Penny) continued to yield for the whole day, but he looks all right (as far as I can say that). - Ran into Travis and Brenda at Cabin creek today. Now I can put a face to a name. Today's the first day of bear season and they had a group going up to Acorn. At the sites on the North Fork, Rachel's traps were hit by bears for the first time.

WED 31 Aug

We had an early visit from Laurie Matthews of the Challis Forest Service and she put up signs across the bridge about fire danger and a map of where the fire is (stapled to a tree). I tried to get everything together to fly out and did laundry. Replaced the kitchen gas at Arlow's & then figured out how to light stove & refrigerator pilots. Patrice & I brought one up to his cabin as well since it may go out soon. Got the upper pasture irrigation ditch to flow again. There was a lot of leaf clutter at the intake. I did some data organizing for Bruce

and Patrick put drift nets up at Cliff and Pioneer. Tried to clean up around the tool shed, but it still needs more work. And Patrick baked a peach tort dessert because apparently 'the bakery lady' once again came out.

Holly and I returned @ 6pm and Steph flew out for the long weekend. On our trip, we attended Janet Popes B-day party @ the Salmon River Ranch. Then we drove "around the horn" over Lolo pass and down to Mt. Borah Campground, to attempt reaching the summit. We met up with Mike Reynolds, and Val Naylor and Bruce Besselin. We all made it to 11,000⁺ and Mike, Holly, and I reached the summit - a great view! and the clouds lifted the last hour of our attempt. On our drive home we drove via Stanley's Bear Valley... stopping to visit Tom & Dawn Carter ~~at~~ at Deadwood Lodge.

Thurs. Sept. 1

Put ~~awdite~~ gear and got caught up on TR emails. Decided to attend the memorial service in Challis for longtime backcountry pilot Bob Plummer. Ray flew in with George Norris and took me over to Challis. Earlier today, Jack Magee's 2 friends flew in for a short visit. The service for Bob was held in the Challis High gym - probably 600 people there. Saw many old friends and backcountry people. Holly communicated (emails) many times to Lynck, and about the fire cast of here to many folks.

Sept. 2 Fri.

The 9 shot fire has become considerably more active. We could see a large smoke plume to the east this afternoon. I hauled 8 bags of cubes from storage to corral shed and did the usual chores. The hydro. is making more noise - time to replace alternator. Holly did several airmail correspondences to the FS about the fire. I spent the heat of the day reviewing proposals to the Pope's Young Club - Conservation committee duties - also visited Mike Schlegel on the phone about the same. A west wind picked up this afternoon, presumably making things better for us - regarding the fire.

Sept. 3, Sat.

Holly and Patrick rode downstream checking on the fire which is burning up to the Bighorn Bridge. The Fisk family, Tom, Kathy, Matt, Scott flew in for the holiday weekend. Holly returned @ 2pm - just as Ray got here. Showed the Fisks around visited. Saw 8 fawns this am - w/4 does

Sept. 4, Sunday

Started the day with a big project - changing the hydro alternator which is making a lot of noise. Tom & I found that 1 1/2 of 4 nozzles were packed with sand & small pebbles. We got the thing silicone sealed and running by noon. Dave & Lana Pittard liked in from cabins W

to spend the night and fly out tomorrow. Holly & Kathy visited them - a lot! Tom, Matt, Scott and I shouldered our packs and hiked up Rush Cr. to the mouth of Lewis Cr. where we camped. We'll search for the Sheepeater cave described by Stan Potts in the morning. It took us $3\frac{1}{2}$ hrs. to get to our camp - west of the Lewis Cr. confluence.

Monday - Labor Day, Sept. 5

We got an early start headed up the rough Rush Cr. bottom - walking in the stream. After 1 hr (\approx 1 mile) we came to a big rock overhang - cave complex. Saw many sheep bones as described by Stan P. We fashioned a climbing pole - sawing limbs on the upper end - and fastening a rope. With this set up, Matt was able to climb up into the elevated cave - 25' above. Tom later went up too. They found many more bones, plus a "woodrat" hotel. I spotted some faint pictographs - lichen covered on a side wall. Very fascinating! Back @ TR, the Dillicals flew out to Salmon. Holly & Kathy bid the ranch chores then rode Penny's Cricket up to Lohauer B. We left our camp site @ 1:30 pm, pulling in to TR @ 5 pm. Matt & Scott climbed up to Rush Ridge and came back to TR via the trail. Tom & I slogged down the stream, saw 1 chinook carcass $\frac{3}{4}$ mi. upstream on Rush.

Tuesday, Sept 6

Visited the Fisks early then Walt flew in late morning taking them out, and bringing Stephanie J. back in. Steph found out that her fridge pilot went out so she had a "big pile" of rotten meat from the freezer. Patrick brought back word (from Brenda B.) that a wolf pack w/pups was in the CC. area, so Holly & Steph took 3 head upstream to check it out. John, the CC. temp. ranger stopped by to show us the fire boundaries. I spent most of the pm getting ready for my OR. bow hunt & wrapping up business emails. I thumped a "black phase" bear in the pear tree w/rubber blunt arrow @ midnight. Also, 3 fire fighters (FF) flew in via McCall Av. to check out the bridges east of here. Emailed in AM about 9 shut fire to both forest on bridges & fire and sent fire updates to UI admin and researchers. Also emails on wolf collars we are sending out and visitors for next month. Jim sent an email to Larry Kingsbury Payette Archaeologist about the Rush Creek cave discovery. Stephanie & I rode up to Trav & Brenda's camp after dropping camp gear at Spring Creek. We had dinner with their crew of ~15 "cast & blast" - bear hunters/fishermen. Trav said they saw 3 adult wolves (2 collared) and 3 pups feeding on a mule he shot on Spring Creek that he was using as bear bait.

The wolves had gone back up past Black Butte several days ago - no trapping opportunity with on going bear hunting. Caught up on other local news and had a nice visit. Back to camp in the dark - mobbed by loose outfilter stock. 3 Firefighters flew into TR in pm.

Wednesday Sept 7

Jim & Patrick got ready to leave in Am - flew out on the mail plane in pm. Jim emailed on IH and leave time.

Stephanie & I got a late start after tracking down the stock when Star ran off with the mules - all in hobbles.

We spent a long day of Stephanie sampling Breezy & Rachel's sites - Cave, Cabin, NFK Cabin, Cow, Calf Creeks.

I rode Bird and she did very well - her first ride since ^{the day} Mackenzie had to bale off her in June. We got home in the dark. Mica was happy to see us, smoke plumes from 9 Shot & West Fork Joe fires on Big Creek.

Thursday Sept 8

3 Krassel Firefighters/Helitack flew out from Taylor - they checked bridges to see if they needed fireproof wrap and cleared rocks off the trail below Bighorn Bridge. 9 Shot Fire is now 13,500 acres and up to Terrace Lakes in the Crag.

I worked on Globalstar satellite phone bill - sorting UI calls on our personal phone. Billing questions with Lynnek and Arnold Aviation billing. Worked to get Internet going on 2 computers in evening.

Friday, Sept 9

I thought it was Saturday and was looking forward to the weekend, but got to work once I realized from the weather book that it was Friday! Worked on sorting out the Arnold Aviation bills from July & August - many projects, multiple universities and private flights all on our TR bill! Worked up UT MSV satellite phone bill. Sent trail info to Cal Henry about 9 Shot Fire area, as they are trailing stock from the B tomorrow. Contacted Bob Klecha about troubleshooting our power inverter. Steph collected data at Burnt, Dunces, Cougar, Goat Creeks. She was enjoying the last swim of ^{the} season in the pool above the Gorge when a helicopter flew up Big Creek for the annual Chinook redd count - and Steph ducked under a bush! Watched a DVD on the computer at night - "True Women". Talked to Janet Pope over the computer with free Skype.com program. It's a daily event - works great!

Saturday Sept 10

A very busy Saturday. Cal flew in this morning with food for the Root Ranch crew. Then Middle Fork Aviation flew in with a barrel of Av Gas for the helicopter. Russ Thurrow (RMRS Boise) and Ron Gipe, helicopter pilot landed for refueling in a wind storm. They had their lunches here & waited out the wind before continuing redd counts. Russ said they were counting less than half the numbers from last year, but there was one redd in lower Rush Creek. I located

Janet & Jim Pope's Salmon River Ranch on "Google Earth" and emailed Janet a placemark so the earth zooms in to US to Idaho to an aerial photo of their ranch buildings. Way cool! It's the program Bernardo sent us with Taylor Ranch on it. Last night we got 0.4" rain, so the fires are mostly out. Steph and I rode Star & Bird to the top of Cliff Creek to get a view of the 9 Shot Fire in Waterfall - Bobtail and see the snow in the Craggs. Beautiful but windy on top. No wolf or Wheat Thin signals. While on top Gloria & Steve Bate stopped at Taylor to visit while on Gloria's bighorn hunt, left us a message. Jesse & Tyler from Flying B arrived just after we got unsaddled. They had 9 horses & mules. All 4 of us had dinner together - Stew from the B, Steph's cornbread, my cookies.

Sunday, Sept 11, 2005

Cooked breakfast for the Flying B-Root Ranch guys and saw them off early. Stephanie & I saddled all 6 of our stock to meet up with Gloria & Steve for a visit - took coffee & cinnamon rolls along. Rocky refused to go and wouldn't use his left rear leg, so I unsaddled him, gave him Bute for pain & left him tied at the hitch rail. Thought he might have been kicked, but no injury observed upon examination. We met up with the Bates at Brown's and spent the day riding around with them - Cave Creek & cave and RP's camp. We crossed

paths with Trav's guide Ryan and a bear hunter @ Browns. They shot a young coyote we had been watching along Big Creek - just around the bend from us. On the way home we saw Ryan, but no hunter. He said the hunter fell off the mule when it ran off and he broke his arm. They called out from Taylor Ranch & flew the hunter from there to Challis hospital. I missed an opportunity to use my wilderness First Responder training! During our travels we looked at the Canyon Creek camp, since Ryan said it was a disaster - it was! All the saddles, gear, food, supplies from last fall were still there - trashed by bears & woodrats. Poor Steve or Travis, whoever has to clean up and fly out such a big mess. Ryan said Trav would take some of RP's hunters and hunt his area part time this year. We saw lots of bat droppings @ Cave Creek cave and owl whitewash - and were watched by a stately great horned owl perched in an alcove in the ceiling of the cave. No wolf signals Cabin / Cave Cr. We dropped Gloria & Steve off at the Cabin Cr airstrip and got home at dusk. Rocky was able to hobble stiffly to the main pasture with the rest of the herd.

Monday September 12

Rocky is immobile - he won't travel to get his hay cubes and didn't move all day. I corresponded with vet Keith Ruble ^{in Cascade} and Lone Pine Clinic in Challis. Neither vet could come in. Gave Rocky banamine & ^{electrolytes} penicillin, then Steph and I made our first attempt to give a liter of Ringer's solution IV - it worked, but slowly. Rocky's very dehydrated from diarrhea and inability to get to water unless carried to him - loose folds of skin on his suddenly narrow pointed hips.

Larry Kingsbury reported seeing the Chamberlain wolf pack by Chamberlain last Thursday - radio collared stiffly moving white wolf and pup, plus 4 gray wolves at a kill. I photographed doe & 3 fawns in the yard with me while I awaited call from the vet on Sat. phone. Steph did grounds chores & cleaned out DeVlieg refrigerator. Late night on the computer for me. I tried to get the Nez Perce Tribe to trap the Chamberlain pack, but no biologists available.

Tuesday Sept 13

I went to check on Rocky at 2 AM - scared a bear out of the yard that was eating apples off our tree. Rocky was stable, gave him more water & electrolyte paste. Doctored him again at 7 am and continued the satellite phone calls and emails to the 2 vets trying to get one to fly in (If Rocky had Potomac Fever we needed Tetracycline injectable, which was not available in Valley County, but more common in Challis). Keith agreed to fly in this afternoon. Andrew &

Michael from Rocky Mtn Research Station in Ogden flew in to hike to a long term vegetation plot - randomly selected near the helispot. I helped them with map and trail information. Ray flew Keith in for 1 1/2 hours. I learned how to give IV solutions and Keith left extra catheters for us (I had to use a short needle yesterday). Rocky got 5 liters of Ringers + Gentocin antibiotic and gave blood & fecal samples. His body temp is still low, but less dehydrated. ^{Keith couldn't find anything wrong with his leg.} Travelled 40 yards ^{today}. Keith ran the blood work as soon as he got back to Cascade - no infection - it's cancer of the intestines.

That's what Keith suspected all along. Stephanie spent all day sampling litter fall in stream traps at Cave, Cabin, Cow, Calf creeks and pulled the traps to Cabin Cr for the end of the season - a 22 mile trip!

Wednesday September 14.

Somehow - Rocky got in the corral with the rest of the mules - we searched, but never figured out how!?. When turned out Rocky walked by lifting his hip and swinging his leg forward & backward without touching the ground. His body condition was better and he was active & alert, but agitated. Rocky followed Steph & me around and butted us with his head and looked at his body on the left side. Then he walked off directly to the corner of the pasture by the lab, swinging his leg back & forth. He laid down with

difficulty and groaned in pain. We stayed with him & comforted him an hour until the pain medicine kicked in, then checked on him every 30-60 minutes. I had planned to administer Dexamethazone steroid to keep him going a few more days, but knew I would have to shoot him today because he was in so much pain. I got my 308 and bullets ready and planned to take some short range practice shots. At 12:30 I checked on Rocky and he had just died. Stephanie fired up the backhoe after charging its battery and we hooked up the carcass with a choker and dragged it to the edge of the hillside along the airstrip. I had to know what Rocky died from, and Stephanie was interested in learning about field dressing and body organs, so we did a necropsy. We found that Rocky died from massive hemorrhaging from an aneurism/ruptured blood vessel near his colon. But his small intestine had 25+ cancerous lesions that were the source of his problem. Wrote up a necropsy report and emailed Keith Ruble on the results.

In the morning, before Rocky died we did our mail day chores - Steph printed out & mailed her time sheets. I sent the TR phone bill out and emailed all the summer students about their phone charges. Scheduled Solar Bob. Andrew & Michael, RMRS, stayed at the lab.

Thursday Sept 15

Back to a more normal workday today. Checked the mule droppings in the corral - one of the mules does have minor diarrhea. The Ogden USFS RMRS crew flew out this morning. They paid cash for their lodging, so I had to write Lynne a check. I packaged up ^{unused} vet supplies to return to Keith and cleaned & put away our vet supplies. Twenty emails sent out - UI reimbursement, CNR trip coordination, bills, student recommendation, satellite phone order, meeting with the Deans CNR, research photos of Javan sent to Janet. Sent the GlobalStar bill to Lynne. Bill Messer, Idaho State Safety Inspector flew in today for inspection. He brought us a loaf of onion-cheese bread from the bakery in McCall. No big safety problems - fire extinguishers are 1 month outdated and we need a second extinguisher in the DeVlieg Cabin. Stephanie checked smoke alarms & tidied up before the inspection then did research plots at Cliff & Pioneer Creek. We had dinner together and had several Skype phone calls from Janet in the evening. Jim called to say he was out from the EagleCap and headed home Saturday.

Friday Sept 16

Most of the day spent at the computer - seems the administrative tasks are unending! - 3 more lodging bills sent out, scheduling advisory meeting & fire talk, correcting building safety evaluation forms information, communicating on wolf locations, more info to the vet on the dead mule, update email address @ UI... I bought minutes on SkypeOut (2¢/min) for phone calls over the computer - I called Jim @ Hanley's and had decent reception! A replacement for our satellite phone? I took photo points at Cliff Creek for David Pilliod and emailed them to him. Stephanie rode Cricket & packed Penny to Dunc Creek for her last sampling period and packed back 8 traps. Clark Communication has our new UI satellite phone system in, so I made arrangements to get it here and set up billing. Raining hard this evening with lightning.

Saturday September 17

Rained most of the night & morning. Dennis Harvey, a friend of John Burkenbine's rode his mule down from Cabin Creek to say hello and see the new cabin. He brought a mule packstring in to Big Creek to go fishing. He found a dead immature golden eagle on the trail - 1-3 days dead.

Steph & I rode mules upstream with him to Mule Basin and collected it to send out to IDF&G. Jim flew back in via Walt@A.A. at 6:30 pm. He has been elk-bowhunting in OR. He came in with Grain (8 bags) and a new air compressor for TR., and other supplies.

Sunday, Sept. 18

Put things away and got caught up on TR activities. Holly and Steph rode downstream to Cougar and Goat ce. and pulled the litter-pan traps.

Monday, Sept. 19

Holly spent the day sorting out AA invoices (July/Aug.) for Lynne K. and Carol A., and doing other billings. Steph and I spent most of the day working on firewood - 2 loads ^(to hoc + trailer) hauled to our wood pile and the Arken stacks... all split to size. After a day on the computer, Holly rode Bat around - she did fine.

Tuesday, Sept. 20

Holly installed the printer and print server today. She also did lodging bills. Steph & I did a combination of yard work and firewood hauling - 1 ^{to hoc and trailer} load, plus a lot of splitting.

Sat. Sept. 24

Rained $\frac{1}{2}$ " last night. Holly's crew prepared to do their trip. MF Aviation flew in with Paul Link & Eli ^{+ 2 cow dogs}, they'll be doing geology work in Goat Cr. and on Soldier Bar. A bear got into the apple tree last night. Saw Steve Z. head up Cliff Cr. w/ 2 hunters.

Sunday, Sept. 25

Visited Paul Link about his geology project and "connecting projects." They headed back to S.B. to finish their stuff. I took today off, mostly. The MF plane came in @ 5:30 pm, dropped off 12 bags of cubes, picked up camp gear for Paul's Eli then went to S.B. to get them. Patrick back from Cabin Cr. The bear (small one) is still hitting the apple tree.

Monday, Sept. 26

Had the bear in the tree again last night so I picked almost all of the apples today. Patrick & I sawed down a fir above the woodshed. Bucked it, split, and put into the stack. Terry flew in late afternoon with a load of tiles for the De Vlieg Cabin woodstove area. Holly, Janet, Steph and the stock returned from Black Butte @ 5:30 pm. Terry flew out w/ Janet soon after. Holly doctored Penny's leg dings as she got knocked off ^{by Bird/stack} the trail when Holly & Steph sawed a long-log out of the trail in Goat Cr.

Tuesday, Sept 27

Cal Henry flew in this morning with cubes & people food for some of his guides who will stay here en route to "the B" tomorrow. Holly, Steph, and I spent most of the day doing saddle repair - bridle attachments - saddle strings replaced, etc.

Weds., Sept. 28

Wolves howled last night - early morning, above the benches. Sounded like more than 3 individuals. A McCall plane came in early with Russ - ^{not Russ himself, but works for him.} to pull stream thermographs. Rod checked out a new pilot Derrick... good thing Steph had moved the sprinklers off to the side! We finished up the phone connections and tested the system... NOT so good, think it might be the antennae location

Also today I shooed the fronts on Bird & Bat. The Root Ranch guys pulled in @ 5pm and spent the night (10 head). We had a barbecue @ the pit. ^{Also this pm I located the "Smoker" transmitter up Pioneer Cr. with Patrick.}

Thurs. Sept. 29

Got up early and saw off Scott & Jessie headed to "the B." ^(Steph & I) Once again we worked on the phone - changing the pole location of the antennae, it might be working a bit better now. Holly spent a lot of the day cleaning the storage shed and putting together stuff for our packtrip. Steve Zettel stopped by with his 2 hunters - Mike & Wayne (father & son), good to visit with Steve again. The FS fish guys - Russ & Tyler finished their hydrograph (thermographs) & stayed in the lab.

shooed
13 & 13
fronts

Patrick has been snorkling after dark & early morning. He's seeing a lot of whitefish, and a few larger cutthroat. Steph spooked a bear from the apple tree by her place this evening - she left some apples for the mules... but Bruin detected first.

Fri Sept 30

Jim and Holly left early, well, in the morning for their 6 day hunting trip up Rush to the West Fork. It rained all morning, but stopped shortly after they left. The 2 Forest Service guys are staying an extra night so they helped me put insulation in the room under the Delling. Its almost finished, just the door needs to be done and a couple finishing touches. Patrick snorkled this evening and my two good friends Missy Pearson and Rosy Satterfield flew in from Cascade to visit! We slept out on my porch and the bear returned again + I accidentally freed him behind the shop with the light of my headlamp.

SAT Oct 1

A mare was standing by the Big Creek bridge this morning w/ a saddle only a brand of 180. Russ + Tyler from the Forest Service flew out in the mornings after successfully locating their thermographs they

had put in earlier this summer. Took Missy and Rosy down to see the Petroglyphs at the Gorge and finished giving them a full tour of Taylor Ranch and a lot of the history. We made the DeVlieg cabin strip shape for the U of I President and others. Rained hard all evening.

SUN Oct 2

Took the weather - rained .7 of an inch! Snow was on the ridge above the benches and Horsemountain but a beautiful sunny day otherwise. The UI group cancelled however due to the possibility of inclement weather and Gorge telling them there was a good possibility of not being able to depart Taylor Ranch as scheduled. Took Midey and Rosy bow shooting down the strip as I began the process of draining the strip hoses. Also hiked up the hill behind the Taylor cabin for the view. Roy came by and picked up Rosy & Missy on his way to Cascade from the B since their Islander flight was cancelled. Went fishing w/ Patrick later on. I need to work on my roll cast.

MON OCT 3

Cascade was snowed in today - No planes. Good thing the girls got out yesterday. Dragged the sprinklers & hose up the strip and put them away for winter. Checked the electric fence on the airstrip and fixed the downed fence on the north side of Big Creek.

Patrick checked Rachel's sites at Cliff + Pioneer. No insects in Pioneer and 12 catar flies in Cliff sites. Also he checked for the radio tagged rattlesnakes, ^{the} Pioneer snake is in his den but it ^{is} unknown if the one on the bunch is in or not. Started the spread sheet for lodging for 2005.

TUES OCT 4

Jim + Holly are doing fine. ~~There~~ There is wolf activity not 100 yds from their hunting camp downstream of the confluence of West ^{Fork of} Rush. The monumental pack. Today was a humid cold. Spent time fixing the holding tank for Arlow's up by the intake. The insulation for the roof fell down into the water so I strung that back up. Patrick and I finished insulating the room below the Devlies and hauled a downed Rocky Mountain Maple off of the electric fence midway down the strip. Rocky's carcass is practically nothing now. The small black bear made quick work of that. Continued working on lodging 2005 and created the space for water access to stock larger on the pasture North of Big creek. Made some fudge.

WED OCT 5

Spent the morning between writing out invitations for a bridal shower I'm throwing for a friend and organizing the tack shed. Found two dead mice. Did the normal chores and midday oiled the corral shed w/ Patrick. Micah came down and spent time in the sun. Janet skyped midmorning from her ranch, but I could not understand her though she could understand me. Connection was terrible. Jim and Holly postponed their return one day because of some sort of run-in with an elk. More news later.

THURS OCT 6

Busy Day for visitors! First the wilderness ranger stopped by on his hike from Chamberlain? I hadn't seen this ranger before but he's in Cabin for a little while. Wanted to say hi to Jim and Holly and ask about #'s of people they'd seen on the trail. Not many. Continued the spreadsheet for Lodging 2005 and then Cal dropped by on his way to the Root from somewhere in Oregon. He had emailed Jim + Holly and they are usually quick on the reply so he thought he'd stop by and see how they were doing.

Mid morning hung and stored Breezy's research supplies behind the lab.

Unannounced Ray flew in to show the man heading up ~~to~~ Stonebreaker ^(not the one that stays the winter though) the sights of Taylor Ranch. Patrick was giving a tour when I met up with them. It was quite a whirlwind and in conclusion the guy preferred the old cabins to the new. I wasn't

a huge fan of this event. ~~Then headed~~
 Worked in the shop and put away the apples
 in the sauna cabin. Patricke snooked &
 went fishing. Caught 2 whitefish but kept
 only one. No freezer room. He made an
 Italian pasta dish for dinner - Bolognese ^o
 Ragú dependent upon which region ^{of Italy o Switzerland} you are from.

Fri Oct 7

Michelle Zette came in w/ the
 boys & 8 bags of hay cubes. Put
 them in the storage shed. Patricke
 worked on analyzing his data
 & checked Rachel's traps at Pioneer
 & Cliff. He doesn't need to check
 cabin sites until Rachel & Colden
 come in for the final roundup.
 Ray also stopped by and dropped
 off 3 tanks of gas. He was on
 his way to pick up a wolf on
 cabin flat. No info yet on how it
 died but he was told to come in
 w/ a plastic bag.

Spent the day finishing up loose
 ends and making some stew &
 Apple Pie. We came home @ 8 pm -
 with friends Mark Henjum & Ken
 Durbin. 9 head total stock in the
 pasture tonight. It was very nice to
 come back to a big meal.

Saturday October 8

We took the day off & cleaned gear. Had a steak BBQ at the pit. Rainy stormy day.

Sunday October 9

Jim, Mark & Ken hiked downstream & saw elk & deer - never made it to the Gorge. Patrick snorkeled mouth of Cougar Creek - morning, mid day & night. Stephanie helped him on the night survey. I made a big pot of beans and bread and caught up on personal correspondence. I put all 500 photos from all of us on a disk and made email sized photos. We all sent photos out from our hunting trip.

Monday, October 10

I worked on UI correspondence & read a week's worth of emails. Coordinated with Rachel & Golden about their trip to TR. Mark & Ken shot bucks on Rush Creek. Patrick & Stephanie hiked over to watch the meat care process. Bat & Bird did their first meat packing - no problem at all. Stephanie fixed a ^{gap} crack in her front door/window (Arlo's); picked apples. Gloria & Steve flew in and brought pizza & beer for dinner for all! They brought bolts and parts for Mark to repair his stock truck alternator at the Monumental trail head.

Tuesday October 11

Jim & Patrick and Mark & Ken saddled up all the stock and headed back to the West Fork Rush camp. It started raining, then snowing giant flakes.

They warmed up with a fire at Rush Pt, but still made it to camp before dark.

I checked our calendar, sitings diary, and telemetry info to collect info for the wolf death investigation. "Longtail" B230 the 3yr old wolf we collared in April was found dead at Cabin Creek flat last week. FWS Law Enforcement will be in to investigate the site. No collar now.

I backed up the computer and emailed back & forth with Lynne on bills, ^{timesheets} etc.

Sent a personal check for Chamberlain hay cubes. Skyped with Janet Pope on her SRR Direcway, but reception was poor. Stephanie summarized user days for our annual report. Dinner with Steve & Gloria & Stephanie at our house.

Wednesday October 12

Sent invoices-Visa, timesheet, reimbursement to Lynne. Made CD case photo covers for our hunting trip CD. More emails to Lynne on bills, budgets, administration. Speed test done on computer to see how fast our upload speed is for Internet phone (826 download and 33 upload speed < phoning best when >90). Steve helped Stephanie clean the gas jet for hot water heater pilot, but it had too

much flame when they got done. She & I worked on it another hour - cleaned debris out of waterline in heater, but still not safe to operate. New hot water heater the best solution? Stephanie reduced the size of the Dave Lewis photos for Jim's Taylor Ranch History powerpoint presentation. Jim & Patrick arrived home from the packtrip at 6pm. They enjoyed scenic vistas today after the fog lifted. Patrick was happy to see new country and learn to ride & pack mules in the backcountry. Steve & Gloria flew out on the mail plane. In the evening Patrick cut his hand with a ^{kit}knife. We cleaned & bandaged the wound, but the knife almost exited the back side of his hand, so he may need to fly out for medical attention tomorrow; tendons/ligaments function okay.

Thurs, Oct. 13

Patrick was flown out today for his hand wound. Dried out and put away camp gear - re-dressed saddle leather. Began TR history presentation. Holly did the usual correspondence with Lynne K. and many other emails... about telephone's computer problems. USFWS was supposed to come in today to take one of us to C. Creek to investigate wolf carcass site. Wolves began howling around midnight - kept it up through the night. The collared Daisey wolf with this group - on the 1st bench or lower pasture.

Friday, Oct. 14

Wolves still howling this morning. Ray flew Patrick back in early - he stayed last night with friends Steve & Gloria. MF Aviation + Cal flew in this am too. We had a meeting with Cal, Caleb, Vickly & Tommie about a joint class (for kids) held @ the Root Ranch - and some here too. Steph also sat in on this mtg., she may participate in this. We view it as a good teaching experience with/for our interns. Continued working on the History talks. Holly and Patrick hiked up Pioneer cr. - then the E. Knob to look for (kills) made by the wolves. They reported back a dead fawn (also seen by Steph earlier today), so Steph helped me set 2 traps ^{- on a fawn carcass -}. Now its a waiting game. Listened to wolves snarling on the Kill @ 10 pm

Saturday, Oct. 15

Both trap transmitters went off last night, we reset ^{11:30 pm} and then one of them went off again @ 4:00 am. The first trips were by wolves, the one early this morning was a bear... that carted the trap 60 yds before pulling out. Holly baked a cake. A little rain this afternoon. I looked for more historical "tidbits" in the "Warren Times" book, for the upcoming talk. Patrick and Steph came over for cake.

Sunday, Oct. 16

Had 2 visitors today. First Cal H. came in to visit more about the class. Then, Jack Walker stopped by with his plane - gave us some vegetables and caught us up on his fine experiences by his mine - the Golden Hand. Steph helped me put together the rest of the TR History Power Pt. Holly & Steph went fishing - caught 2 - 1 wf, 1 ct trout.

Monday, Oct. 17

Got ready to go out - finished History talk edits, Steph & I moved the phone antennae to top of H₂O shed... on a pole. We finalized the Advisory Committee mtg. agenda and emailed to committee. Steph copied reprints of our cougar/wolf paper from the MK Workshop, and finished summarizing lodging for 2005 for the mtg. Set 2 wood rat traps. One outside at the back of the lab and one up in the attic. Set traps for mice in Arlow's. Got one.

Tues Oct 18

Worked on rebuilding the fence by the fence pit. Patrick and I brought down 2 good size post from up the Rush Creek trail that Jim had previously cut out of the trail and debarked them. Earlier Patrick worked on his final paper and I connected the ground wire from the Globalstar receiver to the ground. Caught another mouse in Arlow's

Took down the wire around the apple tree by the Taylor Cabin and some other green fencing for the garden and pansies.

Both Patrick and I thought we heard howling of wolves so Patrick got out the telemetry and got Daisy's signal.

He determined it to be up Pioneer. I mowed the lawn at Taylor Cabin and $\frac{1}{2}$ of the DEVIÉS. JIM called at 8pm and ~~the~~ ~~ph~~ we actually had to hang up after $2\frac{1}{2}$ -3 minutes instead of the Globalstar System cutting us off.

Oct. 19 WED.

Checked for the wolves, but no signal.

I prepped the DEVIÉS to take on Colleen & Rachel & Jon & turned on the fridge. A cowbird came down the wood stove chimney and was inside the wood stove. I threw a pillowcase on him & took him outside. Patrick and

I used the x-cut to get the posts sawed and while Patrick knocked out the middle wood for the grooves I burned the pile behind the lab.

Still no woodrat in the traps. We then fashioned the bucks and finished the fence. May still need one more crossbuck to make it look symmetrical.

Jeff Peterson came by with his hunting buddies. They got a Ram and wanted to thank Jim for the tip about the water. Gave them a tour

and a little history. They are flying out of Soldier Bar a day early (Thurs). Mowed more of the DEVIEs before the storm hit. Quite the microburst! .04" of rain in $\frac{1}{2}$ hr w/ quite a wind. It took down a good portion of the fall color. I smelled gas in Arlow's / think its about time to switch the tanks.

Oct 20 Thurs

Rachel + Colden + Jon flew into Cabin from Challis and then Rachel came here to pick up Patrick so they could pick up the traps. Flurry of activity for 15 minutes and then they took off for Cabin. The fridge was on (1) in Devieg so I turned it to normal (5). The Hydro is still pumping out 28 Amps even with the draw of the refrigerator.

I winterized the irrigation ditches and found a flu flu arrow while doing that. I

finally finished mowing the DEVIEs/KAS grass and drained the hose I was using to douse the fire yesterday. Took the lab gate by storm so it would open and close with Swidity (meaning I braced one side of the gate with a support and tightened the wire on the other side taut). At around 8pm

Colden and Patrick came back and were a little chilled but had a productive trap gathering session. Rachel and Jon arrived at around 9pm having done the majority of their hike in the dark. (Patrick borrowed a tarp to wrap the trapsⁱⁿ)

The Devieg wood stove works like a dream.

Oct 21 FRIDAY

The DEVILO's H₂O heater wasn't functioning again. It showed the number "1" on the screen. However when I pushed the reset button while the hot water was turned on & flowing - eventually hot water came out. the "1" thing is a relatively new error thing and it does not have the "error" reading currently even if the H₂O heater is not working. It just stays constant at "1" - even when you push the reset button.

Talked with Alden about the NMFS crew work here as well as the Russ Thurlow's crew's work. He's interested in sharing information.

I worked on Arlon's trap door in the Pigot floor. Got it all cut out but still need finishing touches and the hole in which to pull it up. My mice issue may be coming from the holes there - so I want to cover it as soon as possible. (There was mouse droppings in my frying pan this morning.) Holly & I flew back after returning from Cottonwood (St. Gertrudes) today. Last night I gave the TR History talk to an audience of 93 people - good turnout! Earlier in the week we held an advisory committee mtg (in Moscow) and also gave our fire talk to Lauren Fins' Core class. Walt & I did a shuttle to CC. to bring insect traps back.

Oct. 22, Saturday

A beautiful fall day. Everyone continued bringing in the traps. I used the stock to help the Birkenbines get situated @ Cougar Cr. camp, then packed the ISU insect traps back to T.R. Had a big spaghetti potluck dinner @ the DeVlieg. Holly made "upside-down" pie - dropped and retrieved off the stove top. Steph's Meghan liked to the rock wall. Met Mike Baldwin, sheep hunter.

Oct. 23, Sunday

Helped Colleen, Rachel, John hoist the traps for storage behind the lab, in rafters. MF aviation flew in with 13 bags of cubes and then heated out a big load of people and gear. Patrick and I went fishing - each caught a whitefish, mine was 18" his 15". Visited Janet & Philip - friends coming from NZ.

Oct. 24, Monday

A mixed-task day. First we moved 3 propane tanks using the backhoe, then we used the backhoe to move manure from the corral to the airstrip - 2 loads w/ stoneboat. Steph and I drained and took apart the airstrip waterline for the winter - already had ice in it. Holly wrote a recommendation for Mackenzie Sherdlow. She also worked on the dysfunctional phone and communicated with Global STAR on trouble shooting (via email).

Oct. 25 Tuesday

We saddled the stock and waded up Pioneer Cr. to set up the deer camp - Patrick & I, Holly & Stephanie hiked up E. Pioneer Ridge looking for an elk. The Pioneer trail took some work but "doable." Lots of elk & deer signs.

Oct. 26 Weds.

The mail plane came and went. The Birkenbines came by and visited. I took 2 mules up to the camp and did a couple elk hunts... in between rain/snow showers. Holly did a lot of billings - UT reimbursements, travel, etc. and other emails. Steph flew out w/ the mail plane to attend a wedding in Boise - and orchestrate a wedding (bridal) shower "a hen party."

Oct. 27 Thurs.

I returned early afternoon. Holly rode up @ Cliff Cr. - took 4 bags of cubes up to Steve Z.'s camp, and she did some elk hunting. Birkenbines and Keith C. came by for the evening - stayed in the DeVlieg cabin - made a list of post settling cabin. I heard a wolf howl above the 3rd bench in the morning and saw several groups of elk. In the evening wolves were howling below 1st bench. John Keith Richard & Nick hiked back to Cougar Creek camp to pack the

deer back to Taylor Ranch at night. When they walked over the Cliff Creek bridge a wolf howled softly from 30 yards away at the deer gut pile! John walked backwards with the flashlight shining on their backtrail, but no wolf following. More howling in the night. Patrick cooked Italian dinner for Jim & me.

Oct 28 Friday

Burkenbine crew flew out at noon. In the morning they looked at the new office site and made plans for the log structure. Jim sent his biographical sketch to Root Ranch for the summer class we will help teach @ Root Rch. I mailed the B230 "Longtail" wolf collar to USFWS for the mortality investigation. Michelle Zettel had mailed it to us from one of their hunters who had collected it. Inquired ^{about} hot water heater parts for Arlows and read troubleshooting on Internet.

October 29 Saturday

It rained hard in the early morning, discouraging our interest in hunting one of the 3 groups of elk we saw near Taylor Ranch yesterday evening. But, Jim saw a group of 45 elk by the first bench at daybreak and shot a 5-point bull. Patrick & I helped him clean the elk and we packed the quarters back to TR on Bat & Bird. That was a lot easier than the ordeal with Mark Henjum's bull earlier this month. We set out 5 wolf traps at the gut pile - a wolf howled from above the 3rd bench as we worked! The elk were feeding on the 3rd bench.

Friends Janet & Philip Commins from New Zealand flew in; helped us with the trap sets. Dinner at our place with Commins' & Patrick.

October 30, Sunday

No trapping success, but several trap transmitters had to be reset - birds walking over them? I wrote a review and recommendation for Patrick Della Croce to his Swiss university about his internship. Jim & Philip packed camp gear. Stephanie flew back from her friend's wedding. Everyone felt an earthquake at 5:23 pm. I heard a deep rumble ~20 seconds and asked, "what is that noise?" then the cabin shook & creaked 10 seconds. Jim was outside & said the ground really shook. Patrick was excited to experience his first earthquake, and Stephanie too. The 4.5 magnitude quake epicenter was 15 miles from Leadore. In the evening we had a Halloween party - Patrick, Janet & Philip, and Stephanie carved jack-o-lanterns from pumpkins we bought when we were out. 1st time for Patrick & Commins' - they looked great. I made mandarin orange cake and Steph brought candy corn.

October 31 Monday

Everyone was up at 3:30 am when Patrick radioed to report 2 trap transmitters were going off. We caught a large male bobcat! He was difficult to jab stick and never fully went under from the Ketamine. We released him as soon as we got his foot out of the trap - didn't even get many photos. By 7 am we started saddling stock to go to the Pioneer Creek camp. Jim & Janet & I rode and Philip hiked to camp. Jim & Philip will longbow hunt for deer. Janet & I rode up to Table Rock - on a quick hunt in search of a bull elk. She & I returned to Taylor with horse & mules. Stephanie left a note on the trail for Bob Hadley as he was headed to Cabin Creek to work for Steve Z. Travis called to say they saw 15 uncollared wolves at Mile High. Checked wolf traps - nothing.

November 1 Tuesday

I spent half day responding to state Insurance questions about the contents and cleanup of the cookhouse and bunkhouse that burned down in the Diamond Point Fire - 5 years ago. Called Globalstar for trouble shooting on the new - disfunctional fixed base satellite phone. Assured Lynne Kittner that the \$1400 phone bill was annual, not monthly payment for the new Globalstar (6000 minutes). Scheduled Patrick's flight to Challis. Patrick cleaned & packed. Stephanie did the monthly weather summary for Natl. Weather Service.

and she moved manure from the corral to airstrip with backhoe. I am still treating Bat's urinary tract problem with antibiotics - she still has some diarrhea too. Janet entertained herself with reading & hiking. In the evening I did our "Wolf-Cougar Interactions" and our "From the Frying Pan into the Fire" power points. No action on the wolf traps.

November 2 Wednesday

A rainy day - not flyable. I called Globalstar tech support again - they will mail us a replacement satellite phone system. Patrick flew out with Middle Fork Aviation. He was sad to go. Billing questions with Lynne. No wolf trapping action. Stephanie finished Pergo floor covering of Arlow's trap door in bedroom.

Nov 3 Thursday

Sent fire insurance info to Lynne/Dick. We caught a coyote in a wolf trap at 6 AM. Janet Commins, Steph and I immobilized & released it. Jim & Philip are in hunting camp. Mail plane came in today and we set $\frac{1}{2}$ of Jim's elk out for processing. Janet & I cut up a hind quarter. I wrote up the phone bill. Stephanie worked on her hot water heater again unsuccessfully, so we ordered a new one. Janet & I hiked to Goat Creek in the late afternoon.

Nov 4 Friday

I wrote up winterizing directions for the Lab and Stephanie drained the lines & winterized. Emails on fire insurance questions from 2000 - "why was the building site moved?" Coordinated our Walla Walla wine tour with Janet Pope & Ed Krumpe. Jim & Philip returned to Taylor Ranch from Pioneer Camp. Cal Henry flew in to wait out a snow storm at the mouth of Big Cr. Steph repaired outhouse roof - replaced shingles.

November 5 Saturday

Stephanie, Janet, & I rode up Cliff Creek to Zettel's Black Camp with 4 bags of hay cubes. Got home after dark. Jim & Philip went back to their camp. We "Skyped" Janet Pope - talked to her via computer. A nice, but cold day in the snow.

November 6 Sunday

A low-key day. Cut up the elk neck and back steaks. Did laundry & cooking. Stephanie worked on fleshing the elk hide. Snow & rain all day.

November 7 Monday

Janet went with me on a mule deer hunt up Pioneer Creek. I shot at a 4pt buck, but it was not a fatal hit. Janet got some good video of the buck afterward. Snowy rainy day. Steph winterized old cabin & did her time.

November 8 Tuesday

I caught up on emails; called Jeff Lappin CDHD on our septic permit; called Dick Bottger on fire insurance issues. It turned into a very busy day of visitors. First Steve Achord, NOAA Fisheries flew in to recalibrate the in-stream monitor in Big Creek. Then Bob Hadley arrived on horseback to spend the night with us. Guide Jay & hunters Merv, JR, and Joan and a pack string came down from Rush Pt with Bob. They needed to borrow some food as the planes were still delayed by weather. We gave them a tour of the Lab museum and DeVlieg Cabin. Larry Holt, NWS flew in to check our weather station. Stephanie & Janet hiked up Cliff Creek to photograph the 35 elk that had moved up from the mouth of Cliff Creek. The foggy-snowy weather broke to clear blue sky. Jim shot a 4-point buck with his longbow! Bob & Stephanie went back up Pioneer Creek with Jim and stock to pack the deer home. Philip showed up before dark and we had a big lentil soup & beer bread feed.

November 9 Wednesday

I sighted in my ³⁰⁸ gun again and found it was off by 1 foot to the left; the barrel was also loose. Jim did some repairs and I shot again. Janet & I headed up Pioneer Creek in search of deer again. We saw several nice 4 points but no shot opportunity < 100 yards.

Jim pulled shoes on mules and worked with Stephanie on winterizing; emails on purchases.

November 10 Thursday

Jim loaded up 4 animals of feed & groceries to pack to Steve's Black camp then we headed up Cliff Creek. I hunted off Game Knob and shot a 4-point buck with the .308. Jim was able to get 2 mules down to the spot and pack it out. Stephanie wrote up info on our wireless - for the web site and user manuals in the cabins. Janet photographed bighorns today: 5 rams in one group and ~25 ewes/lambs in another group. Janet made dinner then she & Steph and I finished skinning the deer. Stephanie will tan the hide. She had to give up on the elk hide, as it went bad on her.

November 11 Friday

More communicating on fire insurance, bills, septic permit. Got the backhoe running - very dead battery. Moved 10 bags cubes - 3 grain to feed shed. Got caught up on work & personal emails. Janet hiked up to the Pioneer cr. camp to stay with Philip tonight.

November 12 Saturday

A cooking day for me - lunch, dinner, cookies. Mike Schlegel finally flew in today. We also got IDFG helicopter fuel (4) for elk surveys in late winter. Flying

weather not great - snow squalls.
 Janet & Philip returned from camp.
 Stephanie fleshed the deer hide.
 Jim & I cleaned our deer & elk skulls/
 racks up.

November 13 Sunday

Philip & Mike headed up to the camp,
 Jim, Janet, Stephanie & I rode up to the camp
 - Jim rode Bird. Girls return to Taylor Ranch.

Nov 14 Monday

Woke up to 28 elk @ the airstrip. Fixed
 stairs at the haystacks. Old boards had
 broken off. Replaced supports & boards. Did
 computer work on internet access. Jim and Philip
 are up Pioneer.

Nov 15 Tues

Got some helicopter fuel in and Arlow's
 new H₂O heater. Perfect timing because we had
 a premature freeze up causing almost catastrophe
 to our hydro/water system. wheelbarrows
 of sediment was removed by Jim & Steph. ^(at the holding tank)
 Janet & Holly drained water line to corral
 trough. Janet & Holly worked on thawing
 out shut off valves & insulating them
 while Jim & Steph went back and forth
 from intake to hydro shed - shoveling then diverting
 water back to Pioneer, turning off hydro, then
 scraping ice off intake after replacing
 the old filter/screen in the holding
 tank w/ a new one.

Arnold's water line froze up making the arrival of the H₂O heater slightly ironic. Drained Arnold's line, then hauled water to pickle my hide. Finally the ~~was~~ near catastrophe of the water line is under control so Holly, Janet, & Steph went up Rush Pt trail w/ Battie, Cricket, & Penny to see the sights. Jim made "milk stew."

Nov 16, Weds.

Got caught up on TR tasks prior to flying out for 5 days. John Hunter and Merritt Horseman flew in to check hunters. Glad to have them check the mobs (0) that are downstream.

Nov 17 Thurs

Early arrival of Arnold's took everyone off guard and caused a scramble to do last minutes things before heading out for wine tasting in Walla Walla & visiting w/ family. 2 planes arrived & away whisked Jim & Holly, Janet & Philip, & Mike Schetig schlegel. The CO's had previously flown up to cabin to work their way back here. The skulls of the bucks & the elk were pulled out onto the strip - I threw them back into the brush again. Cleaned up Arnold's some & then checked the intake - still $\frac{1}{3}$ full of sediment, but it's stable

Nov 18 FRIDAY

The CO's (John Hunter + Merit Horseman) hiked up the benches and saw elk, deer, and sheep (No rams). The wolves started howling at 10 AM. I got a rough estimate that Dussy's collar was on/near the bench of horsemountain, but couldn't get a visual. Craig headed down from his camp + then on up to Cabin with 2 hunters. One of the hunters said he saw 2 wolves, but nobody knew what color they were. interesting. Challis flew in another load of cubes. Steve Zettel, Michelle, + Con came off of Rush point at around 2 PM, I tied up our stock and they put theirs in the corral to await the other 9 coming from cabin w/ Craig + one more guide. Challis flew in and picked up Michelle + Con + gear and came back again to pick up more gear and the other guide. The other guide arrived at dusk, making it pretty close to not being able to fly out. But they made it.

Earlier the Arnold's picked up the CO's. Once the air traffic was over I put the stock on the strip for the night. I finished pickling my hide + neutralized it and began the ~~pro~~ last chemical process

Nov 19 SAT

Steve and Craig left for the B w/ ~~17~~¹⁷ head after breakfast. They saw 17 wolves up at the Rush pt camp. Brought the stock back to feed in the main pasture. Took part of the day off to work on my hide (final rinse & drain before oiling) wait flew in the last barrel of fuel & put the permanent covering on the barrels. Challis flew in another load of cubes (the last one) & took the rest of Zettel's gear. We ran out of room in the storage shed so I put 9 in the corral shed. (Apparently Zettel shipped in 12 bags and used 6 and left 6 for us). The backhoe started up just fine to move the cubes, I think pulling off the black line from the battery is the ticket circuit. I hiked downstream ^{+ up in elev too} to find sheep, but not one! Tracks but no sheep. Saw a river otter between here & Cougar Cr. Lals crew arrived at 9pm, unsaddled & then had dinner up here. I made spaghetti, rolls, and a lemon dessert compliments of the Zettel's crew.

Nov 20 SUNDAY

Made breakfast for the Root (Mike, Scottie, & ?⁵ (he said to say hi)). Heard stories of some group killing 11 wolves this year. Left at 9:30 A w/ 27 head. Pretty fun to watch.

My hide had frozen like cement so I poured hot water on it to detach it from its hanging rack & let it thaw somewhat before oiling it.

Hiked up the benches w/ Micah. Beautiful sunny day. Got Not an animal in sight. Checked the meat hanging by the tack Shed but nothing has been into it.

Did Normal chores but ~~tried to~~ nothing else extravagant. Feeling a little under the weather.

Nov 21 Monday

Worked all day prepping for my departure and trying to organize the food the Zettels & the Root left behind. I threw away a lot, but put all the meat in the DEVIIEG freezer (compliments of the Root) Cleaned Arlow's and finished winterizing the water line. I have been consistently starting a fire each evening in the Duplex when its not in use.

About 10AM the hydro shut off & No more running water. Got it running again eventually after ~~near~~ a couple hours. Also took time today to run the washer and the microwave at the same time and short the electricity. ~~2~~ That made for a record 2 calls today to Fossil where Jim and Holly are.

- At 9AM Travis's crew trailed on out. 5 guides w/ 40 head. J & H drove from Fossil (Holly's folks) to Baker City in 4 hrs. - in the fog mostly.

Tues 22 November

Woke up to no running water - but this time it was a lot faster to get it going again. So far so good.

The Devils fore last night. Started a fire and broke the ice in the toilets and turned on the faucets. Slowly all faucets except the kitchen ran. All toilets were plunged after I thawed them with tea kettle water. The showers gave water out at first but then began to freeze up so I decided to shut the water off completely even though the kitchen sink hadn't thawed out yet. Holly and I did Ranch and grocery shopping this morning in Foggy Ontario, then drove on to Cascade - did some more shopping - vet supplies/grain, then Ray flew us in @ 4:30 pm. Steph flew out w/ a load too... empty propane, garbage, her things. We spent until 8:30 pm putting things away.

Weds. Nov. 23

More winterizing today... after restoring the running water here's hydro. Drained and anti-freeze the duplex waterline. Could not drain the creek box. Finished winterizing the DeVlieg Cabin - especially drained - took apart the water heater's water filter. Stated the backhoe and moved 9 cube bags to the corral shed. Caught up on business emails. Also attempted to blow out the DeVlieg water line w/ compressor. The upright had to be thawed first. ^{The air hit} a stopping pt.

Nov. 24, Thurs. "Thanksgiving"

Got water going again at daybreak. Holly prepared the traditional turkey dinner - which we had mid-afternoon. Did the usual chores but avoided bigger jobs. Holly pulled the H₂O box screen and cleared all ice. 2 Coyotes howled an hour by Dellias Cabin @ 9pm. at 11pm.

Nov. 25 Friday

Water still going this morning - warming up. In fact, the ice went out mid-afternoon. H. & I were in position to take both video & still (me) on digital cameras. We did composition counts on 71 sheep: 39 ewes, 21 lambs, 11 Rams. Hydro jumped up to 31.4 amps produced. Coyotes yapped for 2 hrs. near bridge - downstream. ^{last night} N. pasture fence knocked out by ice flow event. Saw 5 wolves on Cliff Creek skyline from the cabin in Armino signal.

Nov. 26 Sat.

Still have good water flow. It snowed 4" last night, and temps are up to freezing. Holly took the day off to read. I pulled down the N. pasture fence - fished out the electric tape and most of the posts pulled out by the ice. Rolled up fence tape and took back fence. Wolves howled @ 8:30 pm... sound like they are in N. pasture. The Dairy wolf w/ pack & "pups." ^{Golden}

Nov. 27 Sunday

Holly went after the sheep to get some rutting photos. I took a few ^(photos) then hiked downstream to the horse-hunter camp. Collected their highline and saw where they boared a deer... left ribs meat and other sizeable pieces. Holly got some good digital pictures, even though the camera

was set "too dark." The snow is still insulating the water system but forecast to be colder tonight & tomorrow.

Monday Nov 28, 2005

Lots of correspondence today - planning for weeklong trip out - meet w/ the Dean; meet w/ Zager & Pauley IDFG on Ungulate-carnivore project; talk to ODFW; coordinate FS meeting w/ Colden and invite UI participation; RSVP CNR Holiday party; schedule Stephanie for caretaking; send Visa logsheets to Lynne. Took a few hours off in the afternoon to photograph bighorns - all over the 1st bench in full rutting activities. Jim used the backhoe and a pipe drag to smooth snow on the strip.

Tuesday, Nov. 29

Facily stormy today (snow) so we made a good assault on computer tasks, and getting things ready for being out next week. Holly did many emails back and forth to Lynne and other UI folks (L. Finns too). I read over Patricia's project report (fish surveys) and emailed positive comments to her and Colden Baxter. Looked over internship credit info. provided by Diane Holick, wrote up comments for a change. Holly wrote a first draft of our Christmas letter. Holly visited J. Pope regarding De Vlieg funding. Wicks, Nov. 30

I got the snowblower going and worked over the airstrip since there was 4" now on what I dug on Monday. Holly did telephone bills and we prepared other work mail. Sent off a job recommendation for Greg Bjornstrom

applying for work (operations manager) with the Rocky Mtn. Biological Lab. Visited with Stephanie regarding her return - using "skype" on the computer.

Gloria Bate and her nephew Joey flew in for a few days. We hiked up on the West Knob to watch the bighorns in late afternoon. Gloria brought in Chicken Mole for dinner. Showed Joey our hydro & water system - he's caretaking a backcountry ranch in California.

Thursday December 1

We all took the mules - riding & packing - up Cliff Cr to look for animals and to pack down some of Steve Zettels camp gear. Lots of snowing + wind and drifts on top. The wolves howled from Cougar - Goat Ridge / Cougar creek. Saw a few bighorns (6 class III rams) and elk (4c, 3 calves) on benches and a set of bobcat tracks. Gloria's seafood fettuccine for dinner!

Friday, Dec. 2

Fixed up the snowblower and worked over the airstrip - 3" new last night. Snowblowing was a bit more problematic this time... Rocks in auger (3x) and then a break in the rubber fuel line. The weather broke enough for Ray to fly in with Stephanie and take out Gloria & Joey. ^{Steph} Gloria and ^J worked on snow blower repair and then use. Holly worked on the new (replacement) Globalstar phone.

Sat., Dec. 3 Holly's B-day

Went over TR winter operations with Stephanie. Steph made a large quantity of apple sauce while Holly completed the annual Christmas photos and letter. Had 3" of new snow today... again. Ducks & geese flying the canyon (I missed shots @ ducks). Steph made a cake for Holly and a nice "scampy dinner." I watched several football games.

Sun Dec 4

Spent the majority of the morning/early afternoon snow blowing the strip & unpacking Zettel's camp gear w/ Jim.

Jim & Holly prepped to leave for a week. AA flew in & out @ 3pm - drove to Boise.

Mon Dec 5

Took Mica out and finished putting the last fir boughs on the strip. Walked over to Rush and watched a bobcat 20 ft away for awhile. Mica was pretty excited. Assembled half of a new file cabinet and worked on Christmas pictures for Taylor Ranch. Hiked up to the West knob & got some pictures of the rams. (6 rams, 18 ewes)

Tues Dec 6

Finished the cabinet. Found some more paint to go below Arlow's for winter. Attempted to clean some paint brushes (1/3). worked on Christmas photos for TR. Hiked up to Labauer - saw an elk cow & calf, osprey, bald eagle, downy woodpecker, and, of course, 6 ewes and 1 ram on the 2nd bench. The temp is dropping fast tonight!

WED Dec 7

-7°F this morning! So cold! Started up the generator and warmed up the hydro shed. Put some insulation in the hydro ceiling where I could see the light of day. Turned on generator & heated it up again in the afternoon. Broke the ice in the creek for the mules. The mules jumped the fence on the Eastern perimeter below the small Brushy ~~the~~ peninsula into the pasture. Fixed the fence w/ electric tape. Lights went out at 9:30pm. Too much electricity produced by hydro making it do an emergency shut off. (Volts at 32.5) ^{checked errors, then} Flipped ~~the~~ DC breaker & turned inverter back on and bled off some electricity by running the hydro heater (I turned off one more jet).

Thurs Dec 8

Same thing happened this morning - did same procedure. The jet I shut off yesterday is frozen. Assembled the other file cabinet. Took Mica on a little hike (12 ewes/lambs ^{4 Rams}). Broke ice in creek for mules. Its a little warmer tonight (-1°) but the creek is really icing up. Water still flowing to J4H's. ~~etc~~. Washed sheets from Duplex & cleaned it up.

FRI Dec 9

Spent a lot of the day trying to ~~with~~ thaw out the frozen jet. No luck even w/ heat tape & the hair dryer. Volts at 24.5. Holly and I met with the FS today to discuss a better way to "permit" (now) TRFS research activities. UI faculty could not attend (asked to), but Baxter & Minshall, were there.

SAT Dec 10

Cleaning up and getting ready to sly out. Hydro volts at 26.5 and charging! Good news, The water is still running at the Taylor Cabin. Finishing up my timesheet and the Christmas pix project. I flew back in @ 2 pm with a load of supplies & 8 bags of grain. We had many meetings during the last week: IDFG (P. Zager & G. Pauley) about ungulate collaring; Dick, Pam, Dianett. about herings - intern & Asst. Mgr.; the Dean about the future direction of TRFS etc.; USFS, w/C. Baxter and W. Minshell about MOU's for research activities; and Scott Acker about final "septage" approval. I thawed out one of the frozen jets using a bag of hot water. The ice/water on the floor is far worse than usual... I'll address this tomorrow. Repaired fake electric fence by old ^{collection site}

Sunday, Dec. 11

Got heat tape going on both frozen jets (now thawed) and heated the room up. Shovelled/scooped ice & water off of the hydro floor. Holly should be enroute to Missoula today to attend the Interagency wolf mtg. I email corresponded w/C. Middleton about the collaborative sheep count w/IDFG and FNAWS. It got up to 12° today - a heat wave!

Monday, Dec. 12

Stabilized the set up in the hydro, although the leaking jet will have to wait for repair (till a warm spell). Did many emails - on internship, FS permits etc., and w/Sue M. on TR endowment. Tracked a single wolf around Sage Flat trail. Heard a commotion before bed

by apple tree...

Tues. Dec. 13

Found rabbit parts by apple tree, suspect weasel family member (Keyed to ^(u. nigome) Talcoon). Slightly warmer weather has improved the hydro. situation. I sent many emails but none came in.

Weds. Dec. 14

Determined that the UI server was full - explaining no incoming emails - fixed that. Got mail ready to go. Holly flew back in with Ray about noon - she'd been at the Interagency wolf mtg. in Missoula MT. Put things away. Got a very nice wreath from Rachel W. and fiancée John - it might replace a Christmas tree this year!

Thurs. Dec 15

Another cold night - zero. Fired up the backhoe and dug out the stock water holes. Holly worked on resume update and did many loads of laundry. Answered fire insurance questions for Lynne K. Did several Christmas cards - pm.

Friday. Dec 16

Many emails sent. Did a summary of the FS meeting last week and sent to SOH, Chuck Hatch, and the Advisory Committee. Finally got the FAU-200 sat. phone up & running!; it was an activation error. Carol & the BC radio made it possible to get the phone reconnected - ironic! Holly continued the resume update. Found out that FNAWS guys will be here Sat. to help w/ ground count. Still cold ⁻² this am.

Sat. Dec. 17 ← Monumental wo lvs on benches -

Worked on X-mas cards this morning. Ray flew in late morning with Chuck Middleton & Lionel Brigatwell from FNAWS to help with collaborative big horn count. With a half day we split into 2 groups and went up Rush switchbacks (Chuck's I) and down to Duce CR (H. & L.) Only 14 sheep counted. Still very cold - high of 10° Holly & Lionel visited trapper w/ 5 horses headed to Cabin CR. (Daph Beer)

Sunday, Dec. 18

-7 last night... very slow to warm up. We split up for ear surveys - Holly & Lionel took 2 mules up to Browns Basin. They saw 20 sheep (Browns B.). Chuck & I hit the benches and over to the Laming Cliffs... and I went back around to Cougar C. saw 23 sheep, I saw 2. Heard wolf howl in L. Cougar CR. I saw where 2 wolf chased a deer on the east knob - later saw a doe with crippled Lft. rear leg. Had a nice turkey dinner - cooked all day in Crock pot. Four quail feeding with stock.

Monday, Dec. 19

No plane in today. We resurveyed lower Cougar & Rush creeks for sheep - nothing new to add. Warmed up a lot today - low 20's. Holly made beans & ham & corn bread for the 4 of us. Worked on X-mas cards and other paperwork. Visited about sheep management issues.

Tuesday, Dec. 20

Summarized the sheep count (only 60 this year). Holly struggled with the computer - printer connection - she finally repaired it. Ray flew in around noon and took out Chuck & Lionel. Sent many mails, did the usual chores. Did many X-mas cards.

Weds., Dec 21 (1st day of winter)

It warmed up a lot today. Got mail ready to go out but the weather would not allow Ray to do a second flight. Worked on hydro. appear to have the leaky jet (N. side) plugged w/ puddy. Hauled feed to arrival shed. Went on a short chukar hunt to Ram Canyon. Cancelled Motient (old) sat phone service.

Thurs. Dec. 22

Worked frantically to get out Christmas cards out - did over 60, but Ray was not able to come in due to the weather... rain & snow mixed. Discovered that a bobcat had located our game nest by the track shed so we had to eat up ~~the~~ the hind half of Holly's deer... and move the rest in the storage.

Friday, Dec. 23

Awoke to a nice day. Finished getting mail ready and Ray flew in about noon. Went through many cards & cleaned screen @ water box - hydro. up to 30 amps.

Saturday, Dec 24

A day off aside from the usual chores. String up the Christmas cards for decorations. Holly made a nice salmon dinner to celebrate X-mas eve. Opened gifts.

Sunday, Dec. 25 - Christmas Day

Did the usual chores. Contacted relatives. Hiked down to Cougar CR. for some exercise. Holly got a signal on the Daisy wolf but nothing when we tracked downstream. Eat the meat off an elk quarter to grind tomorrow - burgers

Monday, Dec. 26

Sent several email - holiday greetings. Still nice and warm outside. Finished clearing ice off the Hydro floor. Ground 26-30th's of elk burger, saved the homeland scrap meat for future wolf trapping efforts. Got things ready to go out - a list for Scott A etc. Elk in the yard and along Pioneer CR brush.

Tuesday, Dec. 27

No plane in today - nasty weather to the west. Did some paperwork and put together a New Zealand travel packet for Tim & Judy Hull. The raccoon ransacked the Worn barrel last night. We did a lot of paperwork today.

Weds. Dec. 28

Holly was up half of the night doing edits on Troy Hink's elk paper - then another 4 hrs. Today! UI CNR students are weak @ scientific paper writing. I organized my dresser and pulled together some papers for writing the "4 decade" outline. Cleaned the water box screens before dark - protective ice (on the stream) almost gone - we'll hope for warm weather to alleviate another "slush ice phase". We are catching up on paperwork & emails - being weathered in here. Holly also did some food & frozen meat (baxant/Arcaer) organizing.

Thurs. Dec. 29

Spent the morning getting ready to go out... a lot of mail & email correspondence done. Ray flew in @ 2:00pm. Jim & Holly flew out around 3:00 after Jim walked us thru Ranch duties. Tim (Scott Acker) from McCall and will be in here till Jan 1st with friend Cody Abbrechtsen (McCall) and his two dogs, Trustle & Dolly.

FRIDAY, DEC. 30TH

After ranch duties, Cody and I hiked up Big Creek to Lobauer Basin. Saw 8 elk on trail across from ranch, 7 elk on russia. ridge, and 20 (2 spotted) + 7 sheep (1 ram) on hillside above Lobauer. Hiked up ridge ~ 2000 vertical and came down two gullies nearer to ranch. In first gully saw 8 sheep (3 rams), and coming down second spotted 16 sheep (5 rams / 1 big mature). Not much snow on south slopes even up to ~ 6000 FT. Ground was not frozen except for more northern exposures so footing was good. Didn't start raining till we got back to ranch about 4:30. Listened to Bluegrass on XM radio most of the evening.

SATURDAY, DEC. 31 2005

Woke up to overcast & foggy weather. Spotted 3 cows on 2nd Blenock & 2 cow elk on west cliff knobs before fog settled in. Late morning I hiked up the trail (Pioneer) behind the ranch, while Cody took the day off. Hiked up past the fourth creek crossing where the drainage splits. There was ~10-12 inches snow, when I turned around. This area burned hard in the 2000 fire. With the fog settled in and all the black landscape, with snow floor it was kind of eerie. On way back I spotted four mule deer does above the trail on west side of Pioneer Creek.

In the afternoon (4:00), I took the dogs and hiked the trail over to Rush Creek. No fresh sign on animals. Went down east side of creek and came back up the airstrip. Rivers are still icy but showing signs of breaking up.

