



February 19, Saturday

Today we again continue the high maintenance of keeping the hydro and water to Taylor Colchin going. Unfortunately we have not been able to keep it at full flow because of the ice in the intake pipes. The low temp last night was 9 degrees. ~ We took a couple of hours off and rode down Big Creek to the gorge. Nice day for a ride.  
~\*~

February 20, Sunday

Today Carol called all the ranches and got them on the radio at the same time. She announced to the backcountry that Mary Cole has terminal cancer and that "it was time for the backcountry to know". The shock and sadness was felt through hundreds of miles of wilderness in that hollow radio air.

Mary had been away from work for

a few months and keeping her illness a secret. I am sure that it came as a shock to many. Mary is in the Cascade hospital and Jim and Holly happened to be out, so they were able to visit her today.

I met Mary this last summer when I flew in as a student intern. She has a funny way about her, it was hard to tell when she was teasing you and poking fun. But I soon realized that she was joking with you all the time. She was a kind woman and will be missed. I remember she had a love for dogs, everyone's dog. She owned a wolf hybrid that she loved. So naturally she loved the fact that wild wolves are here in Idaho.

I hope she had the opportunity to hear them howl.

by Big Creek to deliver the mail. While there at Big Creek Carol tells Ray that he will not be making it back to Cascade, the weather turned bad for flying back in. Ray and I fly back to Taylor and prepare the plane for spending the night. We put ~~plastic~~ <sup>ice</sup> on the wings so the snow and ice will be easier to clear off. Teresa cooks a great Indian chicken for dinner.

February 24, Thursday

Today it snows and snows, we drink coffee and listen to Ray's stories. The hours drag on and Renee + Teresa are dying to fly out ~ they have had all of this wilderness life they want.

The snow finally stops at 4:15pm. Ray flies to the mouth of Big Creek to look down the middle fork and



returns. "He says "it's worth a try."  
Ray ~~took~~ pulls me aside and tells  
me he is going to try a take-off  
with the wheels down. If he isn't off  
by the 2nd fir bows he will abort  
the take off and try it again with  
the ~~skis~~ skis. That is exactly what  
happens, that plane just wasn't coming  
off the ground so he aborts the take-  
off. I am sure that his passengers  
are scared to death they have no  
idea why the plane isn't getting off  
the ground. Ray returns to the  
head of the airstrip and I ~~keep~~ keep the  
plane from sliding down hill while  
Ray lowers the skis. They attempt the  
take-off again and it is much  
better with the skis sliding over  
the snow.

Today was also Mary Cole's birthday  
Sue at Indian Creek instigated a

phone call to Mary. She sounded really good. All of us in the Backcountry had ~~no~~ chance to talk to her. She is still hanging in there.

February 25 Friday

Awe, today I am alone at the ranch. I love it! I spend the day enjoying the solace and getting the chores done.

February 26 Saturday

Today I wait all day by the radio waiting for the weather to clear so Jim, Holly, Cathy + Cindy can fly in. The weather never clears.

February 27 Sunday

Wait all day for weather to clear. Never happens so Cathy + Cindy give up and go home. Jim + Holly are still waiting in Cascade.

February 28 Monday

Jim & Holly still don't make it in. I bake more bone marrow and read journal articles. Watch Geronimo in the P.M. Good movie. J & H do business in McCall... meet with the ranger, Fred Tucker. We talked over the lower pasture irrigation system - with pipe (2") rather than an open ditch. He was encouraged to see a plan... <sup>(hear of)</sup> which I'll do (also visited Ray Arnold on pipe flying logistics). Last week Holly, Ed Krump, and I interviewed 9 of 21 applicants for the 3 summer internship positions. We made our selections from an excellent group of candidates. We spent 4 nights with Vi Webb while waiting for the weather to break. Also visited Mary Cole (Arnold's radio operator for many years) who is very ill in the hospital with cancer.

Feb. 29, Tues.

Most of the day spent putting things away, once we flew in of course! Flew telemetry this morning, located all the cats + the C. pack w/ Ray. Also picked up a mortality signal on ♂ cougar #3 in lower Crooked Creek. Checked shoes on Bo and the mules - think they'll make another trip or 2. Went through the massive list of e-mails, and mail, accumulated over the last 3 wks.

March 1, Wednesday

Helped Holly and Renan get gear and stock ready for upstream trip... to Crooked cr. Pete A. and Mike S. flew back in w/ Ray, late morning. Holly & Renan phoned back (portable sat. phone) to say that there was a cougar killed deer <sup>3/4</sup> mile upstream, and that the 3 collared wolves (C. Pack) were just above Lobauer B. We hiked upstream and did predation eval. on the deer. H & R. called back from Coxy camp - all OK up there. Plumbing noisy in pm, this turned out to be the duplex plumbing coming on... and flooding the basement!

March 2, Thursday

Pete and I reconnected the water line under the duplex. Things had dried out fairly well. Pete felt "sheepish" about leaving the main valve (in creek) turned on with the line apart under the bldg. No apparent damage done, and we're happy to have the water back. I hiked to Cabin Cr. Flat with Mike & Pete who will spend a few days up there monitoring cats and maybe the wolf pack. Returned to TR mid afternoon. Did chores. Watched a movie, prepared e-mails, wrote in this book!

March 3, Friday

Spent the morning on business correspond.  
... HQ, <sup>Becky Fry.</sup> M.C. AT., interapps, etc. Visit w/ Holly & Renee who reported tough travelling in the crusted snow. They did recover the ♂ Cougar (#3) carcass up Crooked Cr. Pete & Mike checked in from C. Crk., apparently the wolves have already left C.C. Hunted bait to the 1<sup>st</sup> bunch for sheep, which hit it 2 hrs. later. Went over CNR & HWI coop. agreement. 35 sheep & 30<sup>+</sup> deer on benches.

March 4, Saturday

Another beautiful spring day. Hiked up on the benches to put out bait. Greenup is getting started and the sheep show little interest in the cutes, most of the sheep (33) are above the 3<sup>rd</sup> bench... along with 31 deer ... 9 of which are fawns. Sent e-mails, one is to Chris McDaniel about maintenance / caretaker job. Cleaned the shop and did other outside chores. H. & R. back at Coxy after checking out 5 carcasses @ Acorn vicinity. M. & P. working Cabin Creek.

March 5, Sunday

Hiked up on benches. Approached a group of 19 sheep (17 ewes, 2 lambs)... they got spooked at 100 yds. It will be tough darting in a week or 2. Holly and Roman came back with stock mid afternoon. Pete and Mike got in from Cabin Cr. @ 5pm. I made a big stew. Also did many letters and emails today.



Mar. 6, Monday

Holly and Renan worked on several project details. I shod front feet on Daisey, Rocky, Bo & Penny and Pete helped. Mike hiked up W. Pioneer Rdg. and then down to the lower gorge checking for cougar signals - he saw 8 cows @ W. Goat CR. Did laundry. Renan worked on bone marrow rendering. Pete made a "Pasty" dinner dish for everyone. Holly made apple fritters for desert.

March 7 Tuesday

Renan removed femur marrow from Jim & Pete went to Cabin Creek with stock to continue the predation sequence on the Cabin Creek ♀ cougar. I planned to aerial radiotrack, but Pat Dorris was up the air tracking when Ray flew in, Mike S flew out with Ray. Renan & I worked on maps, UTM's, carcass forms and field notes. I worked late into the night on our income tax information. The cookhouse refrigerator had malfunctioned & thawed my food & elk scats. Sent some food to A.A. with Ray, then spent several hours cleaning up the mess.

*femurs for oven drying.*

Maren

Wednesday. Renan loaded her daypack & hiked to Cabin Creek to meet Jim. They rode to Miletli & Coxeey to monitor the wolves and Cabin Cr ♂ cougar. Pete's at Cabin Cr. I spent the day & evening catching up on Taylor Ranch and personal business: e-mails to Crystal & Travis, calls about repairs/replacements (Schneis gaiters, Marmot goretex jacket, bread machine lid, new shoes, HWI January paychecks!!). I weighed the 15 bone marrow samples after 24 hours in the oven. I tried to take apart our over-the-ground hose waterline, but had to put it back together, since the underground waterline is not thawed out yet. Hydro amps down today - I increased flow in the intake trough & cleared screen. More work needed to increase flow over inlet pipes. Cookhouse refrigerator is working again.

March 9 Thursday

Sent emails to Becky Frey on sheep capture equipment available; to Debbie Fereday about planning the McCall H.S. trip in May; to Lynne Kittner about telephone charges & bills.

Took 48 hour weights of the bone marrow samples. Boiled up /skinned cougar skull - used the Coleman stove outside.

I skinned the cougar feet /lower legs and saw evidence of bite marks on right front and rear paws/foot from the cougar fight (Cabin Creek tom killed Cave Creek tom on Crooked Cr. last week) Cougar skull has several canine holes in it. I cleaned the bathroom and baked an apple and a peach pie. It snowed this evening.

March 10 Friday

Finished some personal business and Hornocker Institute business. De iced the melting trails and checked the airstrip. Airstrip is

melting slowly, so not too many puddles - the furthest 2/3 is mostly bare ground. Made a pizza and a batch of bran muffins. Jim, Renan, and Pete returned from Cabin Creek & Coxeys Creek camps. Pizza, salad, & pie for dinner.

March 11 Sat.

Pete hiked to Cougar Creek to check the Rush Cr. cougar. I radiotracked with Ray Arnold when he brought 4 propane tanks. Wolves are still on the upper fringes of the winter range in deep snow - at Wilbur's Cabin / Monumental today. The tom is still near Coxeys - same as last 4 days, Rush ♀ same as last 4 days. Cliff ♀ above Simonds Airstrip / Monumental. Cabin Cr ♀ has moved daily - now on open grassy ridge between Brown's Basin & Cabin Cr. Renan read fecal steroid literature & we discussed what <sup>elk</sup> pregnancy ~~info~~ we would obtain from the Wildlife Lab. Jim spent the day shoeing back feet on all 5 horses & mules. Heavy snowstorm in AM changed to sunny & cool pm.

March 12, Sunday

Pete and I hiked (i rode) to Cougar cr., crossed Big cr. and approached Cong. #4 signal. I saw the cat moving away from us. We later went to where she had been and found a buried elk carcass, mostly consumed. Holly and Renan cleaned cougar skulls and caught up on forms and did other HWI business.

March 13, Monday

McCall A.T. brought in 2 planes, 1 from McCall and the other from Salmon. Jeff R. came from McCall and Mike Scott and Becky Frey from the east. Renan and I flew telemetry w/ Pat Davis. Holly and Pete caught a flight to Cabin cr. with Pat, they will spend 2-3 days there. Renan and I took males to the 2<sup>nd</sup> bench, to deposit apple mash bait, then went down to S. Cougar cr. to fill out Kill evaluation form ... #4 cougar moved to Lewis cr. mouth. We heard this morning that Mary Cole, Arnold's radio operator, had passed away - sad event.

March 14 Tuesday

Saddled Daisey and Cricket and <sup>rode</sup> towards Rush Pt.... trying to pinpoint cougar #4. We located her a bit above mouth of Lewis FR., very blustery up on the ridge. Jeff, Mike, & Becky attempted to dart sheep. Reman & I assisted on an evening assault but the sheep, on the 1<sup>st</sup> bunch, winded Jeff before he could fire. We all had a spaghetti potluck dinner at our place.

March 15 Wednesday

Worked on mail and e-mail in the am. Ray came in @ noon and heard Reman did a telemetry flight. Saddled stock, took sheep bait to 1<sup>st</sup> bench, then rode up to the Gooseneck to pick up Holly and Pete... who were coming back from Cave and Cabin Creek. Attempted to get water going to the lab... a trickle came. Pete still has no H<sub>2</sub>O to Arlow's either. Reman made E. Indian dinner for the crew. Also today, Jules (from Caine) flew in on the mail plane. The sheep crew darted a ewe @ Cougar Cr.



March 16, Thursday

Holly spent most of the day organizing <sup>predation</sup> ~~sheep~~ data. Raman and I took the stock up to Cabin Cr., she stayed to monitor eats, I came back... with a couple loads of extra gear. The sheep capture crew also went up to Cabin Cr., then hiked back. Pete worked on shower house some, and tied flies and took some time off. Gathered at the lab for a "social hour" in the evening. Holly got hot water going to W side duplex by turning on "hidden valve".

March 17, Friday "St. Patrick's Day"

Mad scramble by sheep crew this am when I proclaimed "sheep in the lower pasture". The sheep still didn't allow shots to be taken. Pat Dorris came in mid morning to haul Jeff R. out. He also took Holly and I up for a telemetry flight. Pete glued in shower stall walls, then took 2 mules (E. & D.) up to Cabin Cr. Holly cleaned up cougar skulls. Put away "electric hose" system. Dried out tack from yesterday, and put away. Cleaned our stove pipe. Holly did laundry and cooking.

March 18 Saturday

Jim took riding & pack animals as decoys to help with bighorn capture on the benches. Mike Scott got 2 shots, but the ewe did not get a full dose of immobilizer (telazole & xylazine) and the young ram had a broken femur from dart penetration. They got blood & bacteria samples from the ram but Jim had to shoot it due to broken leg. I worked on predation summary forms & read fecal (elk) papers. Pete & Renan returned from Cabin Creek - documented a deer kill by Cabin Cr & cougar & lost signal from Rush. I finished peroxidizing & cleaning cougar skulls & reading predation literature.

March 19, Sunday

(5 propane is)

Jim & Holly flew out with John L. from AA. in the morning to attend Mary Cole's funeral service. We did radio telemetry enroute out... between snow squalls. Mary's ceremony was well attended (50+) with many people commenting on Mary's qualities and contributions.

March 20, Monday

Stayed with Vi Webb last night in Cascade. Stopped for groceries and hardware in the morning. Flew back in late morning with John L., tracked along the way locating the 4 coyotes but not the wolves. Julie (F&G) flew out with John along with a lot of sheep capture gear. Yesterday Pete restored water to Arlows by digging up the line and thawing the remaining frozen section. He put on wrap-around insulation before reburrying. Roman took care of TR chores while we were gone. Pete continued his assault on the cookhouse shower house. Last night the water came on to the lab. We all worked on fixing little leaks and tried to get the water heater running right... seems to be a fluctuating flow problem?

March 21, Tuesday

Communicated with MATCO early: about telemetry and flying Becky and Mike back to Salmon. Worked on project details and TR business (purchase receipts)... e-mails on weed project: Watring, Ed. K. in the morning. Mike Dorris came in to take out B. & M. Pat Dorris stopped by with old and new telemetry locations for us. Holly and Ronan took the 3 Molly mules to Cabin Cr. Pete put the flooring (sub & linoleum) in the shower house. I worked on waterline pressure problem - got air out. Kept the radio on this evening to communicate for Greg & Sue at Indian Cr. who were having problems with a mare... discharging after birth. Made one satellite call for them to their vet.

March 22, Wednesday

Worked on mail & e-mail in the morning. John brought the mail in ± noon. Oh ya, Greg & Sue had success getting their mare to expell it's after birth. Pete worked on the bathhouse early, then we rode Bo & Rocky up towards

Rush Pt. and located cougar #4 near the mouth of Lewis CR. Warm day - 66°!

Red-winged blackbirds have shown up around the corral. Watched a video in the pm. - Super Bowl -

March 23, Thursday

Very stormy last night. A lot of rain & wind which eventually turned to snow and briefly accumulated. Pete has about finished the shower house now. I worked on project matters - updating forms, maps, and bone marrow weighing. The weather improved after lunch so we flew telemetry with John...

the air was still plenty bumpy! Heard today that Bill Dorris passed away, that sure marks the end of an era for backcountry aviation.

March 24, Friday

Spent the morning on project paper work, also sent emails to Lynnel. and HQ. Pete and I rode towards Rush Pt to the rock gate. Hiked down to the mouth of Lewis CR. to where the

Cougar #4 has been localized. Enroute down I found a ram's head (full ear) and 30 yds later a shed 4 pt. deer rack. Also, found an impressive cougar bed (#4) with large quantities of <sup>coyote</sup> shed hair. The bears are out now too, saw fresh scat from female and cubs near the cougar bed. Holly and Renan came down from Cabin CR, arriving just before us. Very Spring like... butterflies are out now and robins have arrived in the pasture.

March 25, Saturday.

Warm day today. Harnessed the mules and hauled 5 stoneboat loads of manure from the barn area out onto the pasture. Connected the harrow to the forecart and harrowed most of the main pasture... until Rocky and Daisy got tired. Burned debris down by the barn... until the wind came up. Pete worked on his custom bench... for the shower house. Renan hiked up to Cabin CR. to continue



monitoring that cat. I located the Rush CR. cat 1 mile up Rush CR. Holly did several loads of laundry today. Pete finally won a cribbage game tonight, ending an impressive losing streak... Holly was the victim.

March 26, Sunday

Sunny warm day. Did several jobs around the ranch trying to catch up... yard raking, unwinterizing, saddle & tack repair, and field burning. We burned the thatched grass along the airstrip and 80% of the north pasture. Holly also did project clean up and laundry. Pete finished his shower house bench and cleaned the shop, he also repaired the project snowshoes. The stock have gotten into their "spring wander-lust." Renan is still @ cabin CR. She reported that the hound hunters shot a large tom cougar up Cabin CR. and chased a bobcat up Cow CR. ... near the cat she's working.

March 27, Monday

Ronan came back down from Cabin Cr., she gave us the story on the cat hunters who shot a very large tom in main Cabin Cr. (maybe off kill) and ran a bobcat up Cow Cr. near the Cabin Cr. fence we've been working. It all worked out OK and Ronan handled the situation quite well. Holly and I also flew telemetry this morning with John L. Pete wrapped up the shower house project... the hot water works great! I helped Pete bury the incoming water line and set up the corral water trough. Brought the stock back down from the 2<sup>nd</sup> bunch. Holly boiled out skulls & bones.

March 28, Tuesday

A day of paper work, snowstorm this morning. Contacted Travis on hunters (suppose to be guiding for/through him). Four backpackers came through enroute from Thomas Cr. to Cabin Cr. Ronan worked on maps. Holly rode Penny to Cabin Cr. to monitor a cougar.

March 29 Wednesday

Ken Donley of UI engineering at Boise flew in to get some measurements on the streambank erosion project for Peter Goodwin. Renan & John L. did aerial telemetry while Ken did survey work. Ray flew in with ski plane to take Jim & Pete to Big Creek airstrip. J & P are on a 5 day snowshoe/backpack trip to document wolf & cougar activity in upper Big Cr. They camped at Copper Camp. I did Taylor Ranch & project emails & administration (D. Fereday, Lynne K...)

March 30, Thursday

Renan & I flew telemetry with John. The wolves arrived at Cabin Cr. today, 1 mile from the collared cougar. I will monitor at Cabin Cr. for a few days. Renan continued putting data together and oven drying bone marrow. We photographed & investigated jaws from some elderly deer & elk from our carcass samples.

March 31, Friday

Holly rode to Cabin Creek last night heard the wolves kill an elk at the Cabin Creek flat, very exciting!

Jim + Pete are hiking down from Big Creek airstrip. They have reported on the e-mailer that they found a dead cougar at an ~~elk~~ kill <sup>in a cave.</sup>

Details are still unclear for we are communicating by hand held e-mailer. (Renan) I spent 6 hours today sorting, recording, organizing and mapping cougar and wolf locations for the last 2 years. Difficult to do on a beautiful 60 degree Spring day.

April 1, Saturday

Renan flew telemetry this morning. She also did project map work. Pete and I backpacked from Monumental cr. to Cabin cr. where we linked up with Holly and the stock and rode to the ranch. Holly's highlight was

documenting the e-pack consuming the elk  
in 12 hrs. ... then 5 hrs. later (according to  
Roman) the <sup>wolf</sup> pack was up by Root Ranch!  
The highlight from our trek was finding  
a dead tom cougar in a cave by the  
Monumental Bridge. Got back to TR @ 5:30  
... a bit sore from the travels.!

April 2, Sunday

We did a lot of project catch-up work  
... maps, notes etc. cleaned house, gear etc.  
Pete hiked upstream to check on cats. We had  
a big potluck dinner

April 3, Monday

Caught the stock off the 1<sup>st</sup> bunch, there  
favorite hangout lately. "Cope" from Mid. Fk.  
aviation came in with a barrel of helicopter  
fuel and took out 2 empties. John came in  
late morning to radio track. We dropped off Pete  
@ Cabin cr. while tracking. There was a couple

from McCall (w/plane) camped at the airstrip. I packed sheep bait up to the 1<sup>st</sup> bench and 2<sup>nd</sup> bench swate... w/Rocky & Daisy. Then I used Rocky in harness to move propane(2) to the Taylor cabin and haul down empties. Holly & Renan mostly worked on project matters today... base cleaning (H), UTM mapping (R).

April 4 Tuesday

Jim went to Cabin Cr with mules to locate Cabin Cr & Rush Cr. cougars with Pete. Renan worked on UTMs from last winter. I hiked up Rush Pt to go to Lewis Cr, but found 2 recent cougar killed deer carcasses to investigate. Renan moved to the old cabin.

April 5 Wednesday

Becky Bigelow flew in from Salmon with a plane load of drive net materials. I hiked up Rush Cr to Lewis Cr & investigated 3 cougar kills (2 deer, 1 coyote). Jim



½ Pete packed cubes to C.C airstrip for return to Taylor Ranch, then rode up Cave Cr in search of Cabin Cr ♀ cougar (Renan located her by air several miles up E. Fk Cave, no signal from ground). Jim returned to TR. Renan flew telemetry, bone marrow drying and helped Becky set up beds for sheep capture crew.

April 6 Thursday

We all did various tasks today, mostly in preparation for Friday's mob - (15). Becky and I packed (w/stock) the nets and a few posts up to the 2<sup>nd</sup> bench swale. We also used Rocky and the stoneboat to move many more net posts, 8 footers, across the bridge so they could more easily be packed. Holly and Renan fixed hot water heaters @ old cabin and lab... also turned water on to old cabin. Very blustery day. Holly & Renan also worked on project things... cleaning skulls, baking bone marrow, and organizing data base (R).

April 7, Friday

The sheep capture mob arrived! They flew in from Salmon, Challis, Cascade & McCall... <sup>(some w/ helicopter 3)</sup> 1st in number. Packed the remaining net equipment up to the 2<sup>nd</sup> bench. I flew telemetry off an Arnold's flight... with John. Jim Juse prepared an excellent dutch-oven dinner... for the 4 residents + 14 visitors. Ron Gipe flew in late afternoon w/ helicopter to be used to move sheep... into the net ideally!

April 8, Saturday

An active morning of preparation... setting up the drive nets, getting the crew into position. Once the action began it was quite successful... fast & furious! Three drives yielded 9 sheep caught and handled w/out injuries! We collared 3 sheep, ear-tagged the remainder (mostly red, white, yellow). By 11am we were dismantling nets, etc. We used the trucks to help haul gear. Had a big barbeque celebration in the evening!

April 9, Sunday

A big flying day with most of the capture crew going out. Holly, Renan, and Pete also flew out. Pete is returning to the S. Fork Ranch. Holly and Renan are going onto the Wolf Mtg. @ Chico, MT. Hankey and Val (Pete's) came in with AA, but Val went back out with Pete. Holly flew telemetry enroute out and called it back in to us. Jim, Mike S, Anna, Becky, and Jules stayed another day to hike around... all but Jim went down to the Mid Fk. They picked up >60 ticks between them! Jim <sup>Jules</sup> J. cooked another great dinner for everyone.

April 10, Monday

Two planes from the east this morning to haul out remaining sheep crew. Hankey and I caught up stock, saddled, and headed to Cabin Cr. for an overnight and camp packing. Detoured up Canyon Cr. enroute, walked in on cat #4, found her bed but no kill. After a stop @ the cabin we walked up Cow Cr. where we found a cougar killed deer.

April 11, Tuesday

Hanky and I followed the signal of Cougar #5 up Cabin CR, to another fresh kill... this one a "tick covered" cat elk. Investigated this one and the one found yesterday. Got signals on 2 of the C-pack, one South of Big CR, and one in Upper Cabin. Packed up gear from the cabins, cleaned it and the grounds, and then headed back to TR. Found that P. Davis had stopped by with telemetry locations... a lot of wolves in the neighborhood!... C-pack @ Cabin CR  
T-mta pack up Rush CR.

April 12, Weds.

Unpacked Cabin CR gear. Hanky swept out/cleaned cabins used by sheep crew. I sent 6 business/work e-mails: (Lynne K. (billings), Linda D (caine), Jeff Rohlfen (sheep), Crystal - summer work, Chris M. (job info). John L. came in @ noon with the mail, then we went for a very bumpy telemetry flight w/ bad crosswinds for the landing. Had to shuttle frozen items from cookhouse freezer... into old cabin fridge.

April 13, Thurs.

Very wet this morning so we postponed going to Coxy Cr., worked on projects around here instead. Had to shut down the hydro. in order to get the inside-box screen to clean. Back to normal pressure in a couple hours. Hankey pruned the apple tree east of Arlow's. I worked on a bear paper - edits. Sent 4 business emails. Had time to watch a movie this pm.

April 14, Fri.

Prepared stock etc. for trip to Coxy. Headed upstream after calling in the weather. Big Cr. running high and off color after this "warm & wet" period. Grouse are downing (Ruffed) now and "hooting" (Blues). Got into camp @ 3:30... put together 4 animal loads for tomorrow.

April 15 Saturday

Jim & Hanley made a fast trip back from Coxeys Camp - 4 hours. Clean water screens. Unpacked gear. I flew in at 4 pm. I was at the Wolf Conference in Chico MT. I purchased a freezer, 2 toilets and cabin supplies for Taylor Ranch yesterday in Lewiston. I radio tracked 1/2 hr with R.C. The wandering Selway wolf is now at Cabin Creek and the Cabin Cr cougar is at Cliff Cr. No other wolves nearby. We put away gear. Hanley flew out & drove home to Union. Wormed the mules.

April 16 Sunday.

Jim put camp gear away while I put purchases away. Responded to some e-mails. I organized immobilization drugs we have for cougars & bighorns and wrote up a drug inventory list. Put away bighorn supplies.

April 17, Monday

Worked on Ranch correspondence: Debbie Fereday (wolf curriculum), Demboski (small mammal trapping), Lynne K. (various receipts), Linda DuBoise (Sheep Crow Bill) etc. Dug out flat spot in basement for freezer. Installed freezer. Found a cougar killed deer along S. side of airstrip. Did a predation form on the carcass.

April 18, Tuesday

Holly cleaned up e-mail files, deleted a lot of old messages. I burned 5 brush piles along the airstrip and the dead grass in between. Also burned a brush pile by Arlows and Holly burned dead grass areas around Taylor Cabin. Thunder and heavy showers came in by late afternoon.

April 19, Wednesday

I worked on predation data files (elk <sup>ages</sup>) and administration (receipts & time). Emailed Renan (utms, bone marrow) & Gary P (elk survey data) & Jory (about how to allow others to e-mail from TR). Packaged telemetry gear to send out to NP Tribe. Jim organized desk paperwork and magazines and looked at work study request for TR and last year's predation report. We returned the archaeological samples to the rockshelter at Rush Creek.

April 20, Thursday

Did last minute mail this am... mostly personal stuff, plus 2 emails to Steve Clayton about the airstrip stabilization. Ray flew in about noon w/ friends Dale & Cheryl Baran. I flew telemetry with Ray, then Holly and Cheryl were flown to Big Cr. to survey back down the drainage for Harlequin Ducks. Sorted through mail. Watched a movie after dinner.



April 21, Friday

Dale & I caught & saddled stock and headed up to Coxy camp... after calling in the weather and doing the morning chores. The ride up was beautiful weather, saw a lot of elk too @ Lohauer B (20+), Browns Basin (11), E. Garden CR. (58-9 calves, 2 spikes, rest cows), Buck CR. (30+), Coxy CR. (25 or so). Got in to camp @ 5 pm. Got situated, ate dinner, lounged, and then to our surprise Holly, Cheryl, and Mica rolled in @ 9:30... they were tired having come 13 or 14 miles w/ backpacks. Cheryl & I visited with Wilbur Wiles and Sally & Deb at Big Creek Lodge before backpacking downstream at 4:30 pm. Snow was mostly melted off the trail. We saw mergansers, moose, water shrew, rubber boa, garter snake, towhees, but no Harlequin Ducks. Camped above Beaver Cr 1<sup>st</sup> night. Expected to meet up with Jim & Dale Friday at Monumental to recover dead cougar in cave. A miscommunication - we continued 6 more miles to Coxy camp.

April 22 Saturday

We packed up backpacks & Coxeys Camp gear on 3 mules & rode/walked to Taylor Ranch. Completed Harlequin Duck survey - no Harlequins observed.

April 23 Easter Sunday

Jim shod front feet on Daisy & Bo. We put away personal camp gear. Cheryl & I fixed a big ham, potatoes ... and rhubarb custard pie dinner. We picked the rhubarb at the Dewey Moore place on Thursday. After over-eating at dinner we watched a video on the Lewis & Clark Expedition.

April 24, Monday

Continued shoeing - fronts on Rocky, Penny, Cricket, and rear feet on Bo. Dale "rendered" honey he brought in. Cheryl cut my hair. Ate a fancy dinner of shrimp & steak that Dale and Cheryl brought in. Holly wrote her letter of input on the

new outfitting / guiding proposal for Cabin  
Cr. and Big Cr.

April 25, Tuesday

Finalized our letters on the outfitting  
EA. Dale and I put up electric fence  
around north pasture. Holly worked on  
spread sheet organizing four cougar-wolf kill  
data. She also experimented with the GIS  
program. Many elk out today - 45 on the  
airstrip and 40+ <sup>(5 calves)</sup> on the benches, plus  
many deer & elk. Dale and I saw a red-  
head drake flying with a mallard drake -  
the first red headed duck I've seen here.

April 26 Wednesday

Wrangled stock off 2<sup>nd</sup> bench. Saddled,  
packed up gear for Holly, Dale & Cheryl going  
to Mile High (elk count) and then to the  
Coxey Camp to finish takedowns. Ed Bottom  
flew in to visit. We flew telemetry with Ray.

April 27, Thursday

Ed and I hiked up and over cliff cr.  
onto the Cougar cr. side. Located coug. #5  
and tried to call her in with a predator  
call - no luck... wanted to see if yesterday's  
signal came from a kill site, and if these  
cats were "callable" to get a visual.

Holly, Dale, Cheryl disassembled the Corey  
camp and brought it back down. They  
took some detours to count elk etc. and  
didn't get in until dark... when a  
windy front passed through.

April 28 - Friday

Jim, Holly, Dale + Cheryl flew out  
today - I (Troy Rohweder) flew in  
to core take for the next 10 days.

Watched an otter swim up Big Cr.

Ed returned from his hike up Pioneer  
Cr around dusk.

April 29 Saturday

Mica is still mourning the departure of Holly - she hasn't eaten much of anything. Coyote on the airstrip this morning. Worked on shelves for the ~~Langham~~ <sup>Langham</sup> cabin. Started a chair. Read ~~Caswell~~ <sup>Caswell</sup> Diary. Walked up river to look for the otter - no luck. nice weather.

April 30 Sunday

Nice day - Jim A. called this morning to check in. Fly wiped the mules. Coyote back on the airstrip. Finished chair. Started bench for ~~Blaze~~ fine pit. Read Caswell Diary. Mica is eating again. Sheep on the third bench.

May 1st Monday

Pilot from Challis flew in (AM) and picked up empty Av. Gas barrel. Pretty warm today. Fly wiped the mules. Decreased flow @ intake. Worked on shelves

in the larch cabin - should finish tomorrow. Fixed a couple of doors, Pigeon? Rock dove? (real mottled) set down on Arlow's cabin while I was working in the shop. Sleep on the bench, No sign of the coyote today. Think I'll sleep on the couch tonight - mica snows too much.

May 2nd Tuesday

Threatened to rain today - (no show). Worked on benches in AM - panned orchard in the afternoon + evening. Penny threw a fit this afternoon - she doesn't have the same stream crossing abilities as Rocky - Pretty frantic being the only mule on the S. side of Big Cr. Another group of sheep moved onto the benches today. Both groups moving around alot - predator? Golden Eagle scanning around the east side end of the benches this evening. Still reacting

The Caswell dimes - interesting to see  
their agynian side.

May 3rd Wednesday

Threatened to rain in the AM -  
then it turned into a really nice  
day. Ray flew in w/ the mail  
around noon. I received a bill! (I haven't  
lived here for 1 1/2 years). Built a couple  
of benches for the Cine pit - I was going  
to build bleachers - couldn't find enough  
materials. Two marmots in the lower pasture.  
Big Co is up - doubt the mules will try  
to cross. Worked on the lab shelves  
in the evening.

May 4 Thursday

Finished shelves in AM. Mules on  
the first bench. Cleaned up the  
shop + lab in the afternoon - spent  
a few hours reaching, changed  
propose tank & Taylor cabin. ~~the~~

May 5 Friday

weather thwarted my plans to hike to the middle fork. Climbed up in the attic of the shop to look for vent materials for hot water heater - stung <sup>sp?</sup> in the knuckle by a wasp - that thwarted my plans to vent H<sub>2</sub>O heater. Set the rafter in Arkows (memories) still needs a new supply line. Worked on the lab H<sub>2</sub>O heater - significantly slowed the leak there. Replaced washers in the sink faucet @ the Taylor cabin no drips... but the handles are a little sticky - this should improve w/ time. Yup... I always say - if you can't go hiking... you might as well go plumbing. Packed spring headed upstream around 5-6 pm - (didn't get a good look)



May 6 Saturday

New snow on upper cliff cr this morning.  
Mica + I hiked up to Cabin Cr in  
the AM. 7 sheep @ Lohman Basin - 2 w/ collars.  
As we entered Brown Basin we sighted  
12 elk @ 80 yard approx. Eventually we  
started walking - pushing the elk in front  
of us. At the Browns Basin sign  
seven wolves came running up between  
us and the elk (approx 50 yards from us)  
The elk scattered, I grabbed mica  
The wolves worked on two individuals  
running one of the cows right at  
us. I pulled mica behind a tree  
The wolf pulled back - The cow  
ran right thru and out into  
the middle of Big Creek. Once things  
slowed down some I made another  
count of the wolves (6?) mostly gray  
in color - one white one - I didn't see  
any collars. At this point two wolves  
had two cows near the trail at the

downstream end of the basin. The cow  
in Big Cr crossed over. Everybody else  
was scattered up in the basin.  
Mica and I headed on up to  
Cabin Cr - she was very excited - yet very  
well behaved. Cabin Cr was vacant of  
inhabitants - lots of wolf tracks on the  
downstream end of the flats.

Ran into Patrick and Mike from the  
F.S. (it was their string that passed through)  
had coffee w/ them - They rode in from  
Meyers Cove - will be doing mail work  
on Big Cr. Mica pursued go-downs.  
On the way back she stayed right on  
my heels the whole way. Lots of tracks  
up and down the trail between Browns  
and the gooseneck - no sightings of the  
elk or wolves. Only 6 sheep in the  
group at the gooseneck? They seemed  
pretty mellow. Arrived back at Taylor -  
mules in the front yard of the Taylor  
cabin.

May 7, Sunday

We drove from Union, OR. to Cascade this morning. Did some groc. shopping in Baker Co. Loaded the plane and Ray flew us in. Holly did telemetry en route in, she located the 4 cats, the ♀ wolf @ her den, and 3 of 5 collared sheep. Once at the ranch we walked around with Troy inspecting his handy-work. It looks like Troy spent the am. running the weedeater around. Began putting things away.

May 8, Monday

Finished putting supplies away. Responded to several emails (Lyank, Ed K., S. Clayton, Nancy M.)  
Did yard work, ran weedeater around, put together lawnmower (New Craftsman)... waiting for new (fresh) gas to try. Planted 2 fruit trees (cherries) at outhouse garden site. Burned yard debris. H. did many loads of laundry.

May 9, Tuesday

Weather has turned very wet, rained most of today and hard at times.

Sent close to a dozen emails, received about half that many. Holly sent messages to: K. Strickler (June trip), Jen Rodgers (reference) D. Ferraday (H.S. trip), J. Demboski (mammal traps) and J. Rohlman (many issues). I sent several too, mostly bear mtg. related. I summarized the winter elk and deer herd composition data from our field books. Put this data into an e-message and sent it to Jeff Rohlman.

May 10, Wednesday

No mail plane today, weather crummy - especially between here and Cascade. Continued business mail - email catch up. Mutes spotted on the 3<sup>rd</sup> bench. Holly worked on rendering bone marrow from winter - kills. Mike and Patrick stopped by late afternoon for a visit. Fed them some soup/tea and then they headed off w/6 head... in the rain to Snake cr.

our overload of physical work we must do at Taylor Ranch. 😊. Mowed Taylor & Duplex yards. I did UI laundry - pillowcases. More cabin cleaning & resupplying, checking smoke alarms... in preparation for summer groups. Emails to Jory & Peeks. I finished weighing bone marrow samples and organized wolf-cougar data to take to Moscow.

May 13 Saturday

Finished cabins and mowed /weed eated Lab yard. I transplanted tomato seedlings to large pots in the corral shed. Cleaned up boneyard (elk parts that were scattered around the Taylor Cabin from winter collecting & Mica)! Wrote up the summer schedule and emailed it to Nancy Matthews. Emails to Curt NPT about interns monitoring wolves; to G. LaBar on returning Iridium satellite phone;

Rick Fereday & Scott Findlay flew in from McCall in preparation for McCall High School class trip tomorrow. At 8pm Debbie Fereday called to postpone the trip until next weekend, due to unpredictable weather. Jim checked on the radioed cougar & wolf. Both in similar locations as yesterday. Did the ♀ wolf pick up a Chamberlain pack subadult mate at Grass Mtn recently? Is she on a kill now?

May 14, Sunday - Mother's Day

Called "Mom's." The weather held in the am, helped Holly get paperwork ready for her venture to Moscow. Tied flies. John flew in shortly after noon and Holly flew out. Did a little yard work until shower hit - lots of thunder. Mike and Patrick stopped for a visit enroute to Cabin Creek.

May 15, Monday

Sent e-mails to George Labae (fish survey) and Fred Traub (FS permit-irrigation). The AA planes (2) came in mid morning with J & P Peek, Marty Vavra, <sup>(Burns)</sup> Bob Riggs, and <sup>(Labraude)</sup> Maricio from Peru, plus "Daisy", J & P's shephard pup. Got settled and then biked to the sagebrush flat and Rush cr. - vegetation / rangeland tour. Had a steak barbeque and watched sheep and elk on the benches. Pat made great potatoe salad, bread, and steak to go with the T-bones.

May 16, Tuesday

Put riding saddles on my stock and headed to Cabin cr. Visited Patrick @ the cabin, rode up Cabin to the big P. pines, then came back to TR... in a race with an active thunder-storm. We did get wet. Pat had fixed a nice dinner for us. Maricio seems impressed with the mules and our tack but his english is not very good... Bob Riggs translates conversations to spanish.

May 17, Wednesday

It rained all night and well into the morning, surprisingly, the Cascade weather was good and RC made it in before the rain stopped... with the mail and groceries. He also brought in supplies for Patrick Brown (FS packer). We saddled 5 head and rode to the ridge top up the Cliff Cr. trail. Discussed fire ecology once on top. I showed Maricio how to use telemetry... on a very cooperative group of sheep (18) with 2 collars in the bunch.

May 18, Thursday.

Saddled stock and rode down to the Middle Fk "on four." Maricio got a close up look at a rattlesnake @ Duncie cr. camp... he didn't understand my repeated comment "rattlesnake ahead." At any rate, he was riding Penny and she eventually "got the drift." Pat had another great meal prepared for us upon return. Six Kayckers went by today, 3 stopped in for chat.



May 19, Friday

Peck's group spent the early morning preparing to leave. The 2 planes from AA came in mid-late morning. Patnick and Shanon (Big co. attendant), stopped by to pick up the rest of his supplies. They were headed on up to Big Cr. str. and to work the copper trail. Did yard work and caught up on mail reading.

May 20, Sat.

Awake to the stock munching on the main pasture... corralled them, and fly sprayed them. Ran the weedeater around T.C. yard, Arlows, the lab. Roto tilled garden. Sprayed some weed patches on the airstrip... testing "Curtail," our sprayer is not very industrial... not sealed well either. The cats are out of food and crabby, they're not happy with a liver patte substitute! Watched a video in the pm. All crucks are on the rise - near 80° this afternoon.

May 21, Sunday

Talked to Helly this a.m., gave her a list of purchases, then I ordered a backpack weed sprayer. Planted potatoes. Had to shut down the waterline and clean all screens... shutting the main line outside of hydro. the best way to clear screens and allow air to move up/out @ the intake. Ran the weedeater around fuel shed and cookhouse. Quite warm today, cliff cr. is really rolling. Talked to Chris M. prior to his flight in tomorrow.

May 22, Monday

Hectic morning, with planes coming in from McCall and Salmon. Rick and Deb Ferreday brought in 13 kids from McCall High. The kids flew in via McCall A.T. Rick, Deb, Todd Ferreday flew in with Rick as pilot. Toured the group around the ranch talked about history, projects/programs, and our winter predation study. Hiked down to housepits, showed the

group the nearby cave paintings. Also, looked at a stubborn-to-leave rattlesnake. Chris McDaniels flew in today - am. After getting situated in Arlow's, Chris hid a collar for the kids to find. The group hiked on to the gorge. After a pizza dinner the kids broke into 2 groups and searched out the collar on the W. nob of lower cliff cr... they did quite well following the signal! Played frisbee football after dinner too. Mica almost got swept down Big cr. while trying to fetch an errant frisbee throw... a bit scary!

May 23, Tuesday

The group packed up, cleaned up, and were flown back to McCall mid-morning. Prepared CNR mail... Dick & Lyne. Chris re-plumbed the wash machine drain. Doug Gadwa flew in late afternoon with Steve <sup>Jentimologist</sup> Sheppard (WSU). He set up some honey bee traps in the orchard and along the airstrip. Chris did various ranch chores while I did e-mail business, etc.

May 24, Wednesday

Pat Dorris stopped in mid-morning to radio-track... which Pat, Chris, and I did. We located the 4 cats and 5 sheep. Chris mowed the old cabin yard and ran weedeater around the barn. Ray Arnold came in for a quick mail drop & pickup. We caught and corralled the stock. Also today we tested the new generator and Chris put together the wheel kit for it. Received a surprising letter from the FS on our "hydro-compliance" and irrigation proposal for Cliff cr... not too cooperative. Went through business and personal mail. Shot bows on the airstrip after dinner. Took photos of airstrip erosion.

May 25, Thursday

Chris and I rode 2 mules to the top of the cliff cr. lambing cliffs. Did not find the sheep although one signal present. Received bad news about my mother's health. I'll try to go out tomorrow, Chris and I visited about chores and jobs to do.

May, 26 Friday

Jim left this A.M. I (Chris) packed up the jaws from last winter which Jim took out. We mended the fence on the pasture across the river and then put the stock in it. I also cleared the brush at the end of the air strip and started to disassemble the hay wagon.

May 27, Saturday

Opening day for fishing, I hooked 2 nice Cutthroats and 2 white fish. It rained most of the day and a little after noon 3 hikers showed up on their way out of Rush creek to Big creek Station. They stopped for lunch and water. They looked pretty out of shape, I hope they make it.

May 28, Sunday

Micah and I went fishing this morning (1 cutthroat) and then moved the stock out of the pasture across the river and back on to "Free-range" I hiked up cliff creek to the lambing cliffs but could not

- locate any of the sheep after 5 hours of glassing. I did see a cougar though. I came down the ridge that comes down into the Indian pits and was able to sneak within 20 yards of two cow elk at the salt lick.

May 29, Monday

Today I cut brush around the trail into the North pasture and around the buildings.

I also mended the gate and sprayed weeds along the trail. I mowed all the yards and cleaned up the hydro shed. Jim returned this evening and both Micah and I are glad he's back.

<sup>JA</sup> Boy am I beat! Over 10 hours of driving from Portland back to Cascade, plus purchased irrigation supplies in Lewiston. Did telemetry en route back into T.R. Holly purchased a Sears propane stove in Lewiston. I flew in with 500' of waterline for airstrip, plus other supplies purchased this weekend.

May 30, Tuesday

It rained some last night but was nice this morning. Chris mowed & "weedeatered" yards. I trimmed shrubs at the duplex, then mowed the plane turn around on the airstrip. Chris "brushed out" upper plane parking spot. Planned out water line connectors and emailed info. to Holly. It rained most of the afternoon-evening. Bo and the nutes came off the benches.

May 31, Wednesday

Weather a bit squally this morning but Arnolds were able to get in the Peek class, 9 besides Jim & Pat. Jim and all the supplies came in here w/ Ray in the 185, then Ray, Jim, and I flew up to Cabin Cr. to join the rest of the group... planning to hike down w/ discussions along the way. It rained a bit, but good hike with elk & sheep seen along the way. Chris worked on weed spraying, on dismantling the wagon bed, and hydro. shed cleanup. Big barbecue this p.m. --- cold @ the pit. Labors unable to fly in.

June 1, Thursday

George and Joan Labare flew in with McCall A.T. George will survey for cutthroat spawning in Lower Cliff cr... which he and Joan did in the a.m. The Peek group all hiked up the benches for a day of range ecology. Clear and cool today. In the afternoon George, Chris and I hiked over to Rush cr. Did some fishing and brush-trail clearing. Chris worked on the wagon some more and we gathered the group together to lift the bed & wood frame off the wagon. Had a potluck dinner - I made chili, Joan made rolls, Peek group chicken and many salads. Jim, George, and I met about the Irrigation Ditch... decided on legal advice before establishing sprinkler system. Also today Chris sprayed weeds in the N. pasture. Holly still doing many ranch details in Moscow, besides completing her GIS class.



June 2, Friday

J. Peck and crew went up the Cliff cr. benches and then onto the ridge top looking at, and discussing, range ecology. George L. continued spawning survey up Cliff cr. After lunch George, Chris, and I hiked around to Rush cr., did some fishing and trail-brush clearing. Between us we caught 3 fish up Rush cr (cutthroat) and then 4-5 in Big cr. - mostly whitefish. Had another excellent group meal for dinner. Mike Norris came in @ 6 pm and took out the Labors. Close to 90° today, and windy in the pm.

June 3, Saturday

Walked to the house pit site downstream with the Peck class and talked about the Sheepeatle's and Frank Leonhardy's research. Chris and I came back, saddled stock, and took them down to meet the group in the gorge. Ended up going down to the middle Fk and Waterfall cr. with part of the group. Had a great

meal and "oral final" of the class participants. Holly flew telemetry en route in with Ray - 2 hrs. worth. Ray's 206 got a "quick flat" after the plane landed. We jacked up the plane, pulled and repaired the tire tube, put things back together, fueled his plane and had him on his way just before dark (9:45)

June 4, Sunday

The Peck class crew flew out this morning in 3 flights. We continued putting things away from Holly's trip out. Kept stock in the corral to keep them from getting any fatter... eating old hay now. Tied flies, shot bows stayed out of heat (midday). Tilled west garden. Had Chris over for dinner. Holly sorted mail.

June 5, Monday

I installed new stove in our cabin. Had to do some fine tuning on air-gas mix. Moved our old stove to the Cougar cabin. The intercess: Sam Cooney, Jeremy Kleinsmith, Ken Hobson arrived

late morning. Holly sent billing to McCall High and receipts to Lynne K., and she wrote to human services. Got the interns situated, oriented, and toured them around the place. Had an elk steak barbeque. Saw a cow elk with a new-born calf east of the 2<sup>nd</sup> bench.

June 6, Tuesday

Worked on telemetry skills with the interns, first finding the collar methods, then determining range etc. Began installing airstrip irrigation. Chris repaired faulty regulator to old cabin water heater (gas line). Planted corn in "Composter garden." Two ewes showed up on first bench... searching as if after lost lambs. We sent e-mail & letter to Chuck Hatch and Dick B. regarding "Ditch Bill" issues at TR. Two FS weed people stopped by enroute from Cabin cr. to Goat cr. Found out the FS had done some <sup>(Knapweed)</sup> spraying on Soldier Bar.

June 7, Wednesday

Very hot today - mid 90's. The interns, Chris and I put together the airstrip sprinkler set up, minus the water main connection. Then we sawed and skid a couple logs down Pioneer cr. I gave a lesson on packing, saddling, and harnessing. Holly spent the day working on the cougar-wolf project annual report. Had a chicken barbeque this pm.

June 8, Thursday

Ray came in early (7:30) bringing in the mail and rest of intern gear (minus Ken's sleeping bag). Took Jeremy, and Chris, up radio tracking. Saw 9 ewes w/ 5 lambs up Big Cottonwood... and goats @ Cave, Acorn, B. Cottonwood and Marble Creeks. Holly, Sam, and Ken were flown to Chamberlain. We finished the airstrip sprinkler system and started up, then ripped beams for wagon chasis. It turned cool and windy today. Hal (the wildcat) beat up Yap last night.

June 9, Friday

Chris and Jer continued chiseling away on the wagon beams. I reset Bo's front shoes. The new airstrip sprinklers work fine, but get a lot of debris plugs. Cut up scrap wood for firewood. Sent several emails, worked on Cougar-wolf write up. Afternoon thunder showers.

June 10, Saturday

Saddled stock and took Chris and Jeremy to the mouth of Cave Cr. They will hike up to the forks of Cave Cr. looking for goats. Changed sprinkler arrangement. Received an email from Holly and crew - Finding <sup>(double)</sup> deer evidence around Chamberlain (MJM). Yap still girpy - using 3 legs and wobbly. Watched the Gettysburg video again.

June 11, Sunday

Unplugged sprinklers and reset, a lot of small debris in the water system - cleared the intake screens also. Planted

ra dishes. Mowed our yard and the duplex. Bo and the mules broke into the pasture, caught and corralled them. Gave them Fly wipe and treated Rocky's eye. Yap still won't eat or move much. Worked an hour or 2 on the winter study write-up. Cloudy and Cool.

June 12, Monday

Light drizzle throughout the day. Shooed Daisy and Penny, Daisy has fluid swelling on left rear hock. Rearranged - cleaned sprinklers. Worked on cougar-wolf write up. E-mails to and from Holly, although she's losing battery power. Jeremy and Chris returned from Cave Cr. in heavy rain. They watched 1 goat on the E.Fk. rock for several hours. Also found very large bull elk head-rack from a few years ago. Heavy rain this evening. Yap is no better.

June 13, Tuesday

Rain finally stopped. Shood Cricket and Rocky. Told Carol about Holly's desire to fly back today... next thing we knew they were back. Holly, Ken, and Sam were very "up beat" about their findings - saw 2 pups and several dens made by B-50 and mate. Jer. and Chris liased oiled farm equipment. They also cleared & organized the shop. Sam & Ken organized camp gear, so did Holly... and several loads of laundry.

June 14, Wednesday

Prepared for mail plane but no radio-tracking due to wind. Chris and the interns built new trail on Rush Cr. to go around the washout. We all worked on wagon some. Ray came with the mail and stayed for a cinnamon roll.

The big event here was Mica cutting her lower leg on a sharp rock while retrieving with Holly. It bled a lot and it took a team effort to hold her down (semi-still), apply pressure for bleeding and sew her up with our suture kit

and Lydacaine to deaden the pain. I put in 3 stitches and then we wrapped it up good and tried to keep her calm... administered 1 aspirin and  $\frac{1}{2}$  of a SMZ-TMP anti-biotic.

June 15, Thursday

Mica's wound looks good this morning, although in the afternoon she chewed off part of her bandage, spreading the cut out a bit... we re-wrapped it. She's getting too active. We finished the wagon-rebuild today. Gave the crew another packing lesson... barrel hitches and the diamond hitch. Holly and crew determined that a receiver got left up at the rendezvous site... so made plans to fly up and retrieve it. Sent many business email - H.Q., Don W., Jeff R.. Holly also sent out the sat. phone billing and did UTM mapping.



June 16, Friday

Holly and Jeremy prepared to go back to Chamberlain. Ray flew in and hauled them to Chamberlain airstrip, plus did some telemetry en route. Then Ray came back and took Chris and I up to locate remaining cats, sheep, and to out surprise the Selway wolf @ Rush Pt. We also saw 3 goats at Acorn, 1 was a nanny with a small kid. Chris, Ken, Sam continue trail work on Rush CR. Sent invites <sup>-class trip-</sup> to Peck, and Don Wiffaker & Dave Imnell on Western Wildlife Agencies meeting I'm to attend in Redmond, OR, next month. Prepared to go on 5 day pack trip up to Big CR. and back.

Holly & Jeremy backpacked to Moosejaw Mdw then hiked on to the wolf pup rendezvous site. We did not find the telemetry receiver, but did verify (by howling & getting a response) that the 2 6-week old wolf pups were still at the rendezvous site. We investigated the 10 wolf excavations & natural cavities at the natal den site. B-50 had been

there since we left on Tuesday. During aerial telemetry we found the tom cougar with the Cabin Cr female in upper Cabin Cr. - 1<sup>st</sup> time he has been documented with a radioed female.

→ Jeremy & Ken & Sam saw a cinnamon bear at the fire pit in their yard.

June 17 Saturday

Jeremy & I hiked to Chamberlain & returned to Taylor by 10:00 am. Jim & Chris were loading mules & manties (with Sam too) for their pack trip to meet up with Jim Peek's class at Big Cr. on Monday. I put away gear again and wrote up telemetry map Wtms. Cleaned the house looking for the receiver again - no find. Sam & Jeremy went swimming in pm. Had a kayaker stop to visit. Ken cleaned (major) the old cabin. All did laundry. I went to bed early with the flu.

Jim e-mailed that they saw a female harlequin duck at Monumental confluence. Yahoo! 1<sup>st</sup> report for Big Creek!

June 18 Sunday

Finally time for yardwork for me - planted tomatoes & Verbena; weeded strawberries, raspberries, flower beds; watered lawns & gardens. J, S, & I reworked the water intake to increase water flow & pressure in the waterbox. Tried to fix our bathtub/shower faucet, but it needs to be replaced. Started work on the Predation annual report, but suspected a "virus" on my disk, so I ended up copying the 6 page report piece by piece to another file.

June 19, Monday

At Big CR., Jim Porter, Jim Peck, Chris MFD. and I met up with the 9 members of the Wildland Ecology class and packed them down to be low Crooked CR. - camp. Actually, J. Porter (w/4 head), me (with 5 head), and Chris (with J. Peck's 3 head) moved all the gear to camp while J. Peck walked with the class. Holly spent a

long day on the winter study progress report. Jeremy and Sam return from on the benches. Holly, Jeremy, and Sam put away the class food and gear flown down to here.

June 20, Tuesday

Holly continued study progress report. H. & Jeremy, and Sam reworked water intake diversion. Jeremy and Sam also changed sprinkler set. The class continued down Big Cr., moving from Monumental to Garden Cr.

June 21, Wednesday

Holly, Jeremy, Sam flew telemetry with Ray on the mail plane. We packed up the Garden Cr. camp and headed downstream... making it to TR by 1:30. Russ Thurow <sup>(FS - Fish Research)</sup> flew in to Cabin Cr. and escorted the class down to the ranch... talking about the fishery. Had a barbeque (steaks by Porter). In the evening Russ gave a slide show.

June 22, Thursday

Today we used the mules and a pulley to pull wood (firewood) off a bar in Big cr. and onto the end of the airstrip. Jim Porter helped, along with the interns. Holly continued working on the report. Another barbecue dinner. Pock's class looked @ his plots up Pioneer & Rush cr.

June 23, Friday

Serviced the mowing machine this morning. Continued hauling firewood out of Big cr., had to do some "long water skids" from the opposite bank using 3 rope sections (200'). Holly did business emails and continued the report. Gave a predation study talk to the class, Sam pitched in also with her wolf encounter @ the rendezvous site near Chamberlain B. Water system acting up, low flow problems already starting. Holly up until 7:1 am working on report graphs.

June 24, Saturday

Jim Porter sharpened saws, and demonstrated to those interested. We chainsawed the logs into rounds off the end of the airfield.

Jim Peeks class hiked up the benches into the old burn. Jim Porter made a spaghetti dinner for the group. Temperatures getting hot. Jeremy, cut his hand while sharpening a mower sickle, so we all doctored his wound.

June 25, Sunday Jim & Chris flew telemetry & looked for mtn goats.

Began mowing hay, weather station area.

Mowing went fine once we put in a sharp sickle. J. Peeks class primarily, had the day

off. J. Porter continued saw sharpening. Holly hit rock with mower... breaking pitman & paddle but we found spare and put things back together. (by 10pm)

June 26, Monday

Finished mowing main field. Mower and mules worked well. Holly continued chart and figure revisions on our annual report. Ken Wotring (FS-wilderness cook.) hiked up from the Middle Flk. this evening. Ken will join Peeks class & Ed Krump going to the Middle Flk. tomorrow.

June 27, Tuesday

Raked hay in the main pasture, shocked and hauled in 2 wagon loads. Yesterday I showed Peek's class the elk jaws, cougar, & coyote skulls and bone deformities we found from the predation study and discussed prey vulnerabilities and different predator strategies. Jim hiked to the Sheepeater Indian site and discussed Big Creek history & prehistory with the class. We finished the 1999 & 2000 charts for the predation report and printed out the report today.

Tara Wertz and Ken West flew in from Oregon this am so Jim & Tara could exchange info and discuss the E. Oregon black bear study Jim conducted for ODFW. Ed Krumpke flew in for Jim Peek's class. The class hiked to Waterfall Camp for an overnight. Jim Porter packed the gear on his stock.

June 28 Wednesday

Hauled 2 more wagon loads of hay from the main pasture & finished raking. Started sprinklers & upper irrigation. I worked on a report to Linda Sweanor about the cougar-killing-cougar incident we documented last winter on our radio-collared cats. Chuck Peterson, ISU herpetologist flew in to work with the Peek class. Students returned from the Middle Fork in the afternoon. We had our usual nightly BBQ dinner at the firepit. The elk finally showed up on the benches this Am (9 cows with 5 calves plus 8 cows and 2 spikes).

June 29, Thursday

Chuck Peterson took the class out to look at airstrip & Rush Cr ponds. We found spotted frogs and tadpoles, long toed salamanders larvae, western toads, garter snakes; and tailed frog tadpoles at Cliff Creek.



We got 5 propane tanks & 2 cases of beer on the plane from AA. Interns got the irrigation & sprinklers going, Cabin cleaning for the class & intertubed on Big Cr.

Friday, June 30

The class participants flew out with MATCO. Jim & Jim & Jim took horses & mules to Miletti & Coxe to do the M.H. range plot before J.P. & J.P. ride out to the trailhead. Chuck P, Ed K, and I rode up to Cabin Creek with the Jims. We surveyed the pond west of Cabin Cr on the flat. Found thousands of mini toads along the pond edge, no tadpoles. A few spotted frogs & a racer. We did final cleanup in the lab after the class. Interns changed irrigations & took the rest of the day off. Pie, ice cream, & margaritas in the pm. 101° at Cabin Cr, 96° at TR!

Reviewed the CD version of Digital Atlas of Idaho. Chuck P. gave us - good amphibian ID program with photos.

Saturday, July 1

Sam & Jeremy backpacked to Coyote Springs & Papoose Lake. Chris backpacked up E. Pioneer ridge to look for mountain goats in upper Burnett & Breeching Creek. Ed flew to Moscow; Chuck flew to Cascade. The AA plane had to shut down & taxi back to take off when a doe with twin fawns had a fawn on each side of the airstrip & kept running back & forth in front of the plane. The deer reunited & the plane took off. Ken & I pulled the knapweed site at the west end of Taylor Ranch (1153 plants with 1 seedhead) and a new patch 75 m E, above the trail (23 plants with 11 seed stalks (~100 seedheads). The annual pulling of knapweed has really decreased seed production, altho we still have a seed source from previous years. It took 2 man/woman hours to pick 100% of the site. (Compared to 850 plants, 6 seed stalks, 5 man hours in 1999) (June 18) Jim A returned from Millett's.

Sunday July 2

Ken worked on irrigation. We did yard and garden work but pretty much took the day off.

Cows and calves on the benches... 14, 11 cows/3 calves.

Cool and threatening to rain today.

Monday, July 3

I prepared (mostly paperwork) for my week long trip out. Holly did some gardening. Two backpackers came to the ranch in the evening - Gary Smith and German friend Cottie. Gary is Dwight Smith's boy. They hiked down from Big CR. Gary had spent a summer camped at Cougar CR. They actually were poorly prepared in the food and shoe Dept., and no tent. Gave them some sourdough rolls that Holly baked to have with their instant soup! Holly also spent an hour or so with waterbox cleaning. Jeremy and Sam back from Papoose LK. this evening... had a good trip.

Tuesday, July 4

Saddled stock and took Gary and Cottie to Soldier Bar. The weed spraying there looked fairly effective. Busy day for flying, as usual on the 4<sup>th</sup>. Holly

made a cake to celebrate our anniversary (actually on  
7-8), <sup>-22<sup>nd</sup> year-</sup> invited the crew... Chris made it back  
from Lewis PK. this evening. He saw many  
salamanders (long-toed) in Burnt Lk. He also  
found a bunch of old fishing tackle at the old  
plane wreck in upper Egan cr. Goat viewing  
was not great... he saw 2 @ a great distance.  
Also on our ride today we saw 3 groups of elk.  
By evening we had a count of 55 cows with 13 calves.

Wednesday July 5

Jim flew out for a week - Western Bear Workshop  
proposal to W. Assoc. F & W Agencies and see family  
and TR hardware purchases. Chris & interns  
pulled mustard weeds along lower pasture trail.  
In pm they oiled logs on Duplex & Lab cabins.  
I worked on admin & emails & phone to LynneK, Oz,  
FS. Reviewed Renar's cougar paper. Jim  
met with Curt Mack, NPT and Jeff Rohlman,  
IDFG about predation work.

Thursday, July 6

Log oiling & barn pole oiling finished.  
Chris & Ken installed Hot water heater exhaust pipe  
at Cookhouse, fixed shower water flow & cleaned  
up Shower room. Sam & Jeremy installed  
window shades at Duplex bathrooms and  
picked cherries (2 cups of pie cherries  
this year! ~ 4 cups Royal Anne's). Repaired  
leak in bathroom waterline @ Old Dave Lewis Cabin.  
Everyone figured UTMs for spotted frogs,  
longtoed salamanders, and tailed frog tadpoles,  
observed during long weekend excursions.  
Ken sent the info to Chuck Peterson, ISU via e-mail.  
Travis stopped for a quick visit on the way  
trailing in to Mile High. Craig Bullock & Eric  
were along. Showed Travis the predation  
study results and the monster bull elk  
rack Chris found on Cave Creek. Coordinated  
with Curt M. for another wolf monitoring trip for  
interns. Emails - EdK for computer software.  
Installed Sophos antivirus software. We  
had cherry pie from Taylor Ranch cherries.  
Read JWM articles for predation study

Friday, July 7

The whole crew worked on maintenance projects - hot water heater vent improvements at Arlow's & Dave Lewis cabins; seed & rake cougar pen pasture, irrigation; Chris started on tiling lab classroom. Jeremy & Ken sawed (crosscut) down old firewood stumps to make crosssections for salamander hiding cover plots. Sam entered wolf UTM data on a spread sheet for NPT. I updated the Knapweed report from last year & mailed it to Krassel Dist. Called FS for our annual firewood permit - 5 cords. Four of us are headed to Chamberlain for wolf monitoring tomorrow - packed our backpacks.

Saturday, July 8

Holly, Ken, Jeremy and Sam all headed to Chamberlin Basin this morning. My (Chris) mom flew in from Salmon to visit for the weekend. We fished our way down to the petroglyphs below Soldier Bar then back. Fishing was red hot with grasshoppers. Changed sprinklers and irrigation in the evening.

Sunday, July 9

My mother and I fished our way upstream today. Fishing was slower but we caught every species of fish in Big Creek including salmon & steelhead (smolts). In the evening I fly sprayed the stock and moved the sprinklers / irrigation. We saw ~~the~~ sheep band w/ the ewe with the dead collar. <sup>(The herd)</sup> She was missing one of her lambs.

Monday, July 10

Changed sprinklers / irrigation first thing. ~~At~~ My mom flew out in the morning and I spent the rest of the day on the lab floor. It is about halfway finished. In the evening I went over the mowing machine so it is ready to go.



Tuesday July 11

Chris continued on lab flooring. Jeremy, Sam, Ken & I flew back from Chamberlain. We followed B-50 ♀ wolf 4-6 miles per day. She keeps moving - probably in an attempt to make a kill. We didn't get a pup response to our howls at 3 locations. Sam & Jeremy documented a recently used rendezvous site near the old one. We found 2 wolf bed sites. We suspect the pups are still in the vicinity of the old rendezvous site. The rest of the Chamberlain Pack (B-9, B-16, B-88) howled on the ridge above our camp this morning at 6:15 am. - they came over from Whimstick Cr. In the afternoon I cut the hay on the airstrip pasture while everyone else worked on small projects or helped me or Chris.

Wednesday July 12

Jim flew in in the AM. Interns wrote up wolf & elk information from Chamberlain trip. Jim instructed on horse & mule packing then



students packed the salamander boards that Ken & Jeremy cut. Chris continued work on the lab floor - it's looking good. We shot bows on the airstrip & had a BBQ in the pm. Brought the mules over for fly spray & salt, Bute for Daisy's hock injury - overwork from mowing machine? Grouse & chicks are increasing at Taylor Ranch; grasshoppers are very abundant. Grouse dust bathing in the garden. First raspberries ripe.

Thursday, July 13

Raked hay in the morning, put into stacks after lunch, then picked it up in the evening...  $1\frac{3}{4}$  wagon loads. Used Rocky and Daisy Cricket on the wagon and rested Daisy. Holly worked on predation project stuff... emails to Curt M., Jeff R., and Kendall on the elk fecal samples. Chris continued floor laying in the lab. Saw a brown phase bear on @. nob up cliff CR. @ dark.

Friday, July 14

Used Rocky & Daisy to mow the thick patch on the side of the airstrip... tough pulling! Also mowed the end of the airstrip and one other side strip, substituting Cricket for Daisy. Chris is about done with the lab floor. He and Sam put up finish trim and began moving stuff back into main room. The crew did a little gate work (corral & lab) and Ken kept up his assault on watering. Many elk (>50) on 1<sup>st</sup> and 3<sup>rd</sup> benches, not many calves. A guy named Ted Baker stopped by to make a call home. He was riding mule, packing horse and had come from the Crags C.G.

Saturday July 15

Received elk pregnancy results from the lab - > 95% of 45 elk fecal samples indicated pregnancy for Big Creek elk. This is surprising especially with low <sup>summer</sup> calf:cow ratios (29:100 at Taylor Rch, 13:100 at Chamberlain). We

worked on projects in Am then took afternoon off to let the hay dry. Raked hay in the evening. Saw a young bear behind the lab. Classified 44 elk on benches (37 cows, 5 calves, 2 bulls).

Sunday July 16

Shocked hay in am & picked it up in pm. Jim & I worked on shoeing Bo, but he's sensitive on soles from trimming and we had to put an easyboot on one foot since his hoof wall is too thin to get a nail grip outside of the white line. We'll have a farrier work with him next week. Saw a young bear across from the airstrip - Cricket spotted it as we were picking up hay. In the evening we watched a large bear go from Cliff Cr. toward the lower pasture and a group of 30+ elk. An elk barked at it and the bear headed west instead.

Monday, July 17

Mostly a day off. Jim saddled 3 head of mules and rode to Doe Cr. to meet Hanley & Shadles. I finished the summer wolf

summary and emailed it to Curt Mack. Calculated the satellite phone bill. Ken went camping. The rest of us got together for potluck stir fry dinner. Watched the video I took yesterday, including Rocky driven on the wagon without a bit in his mouth (Sam didn't realize his bit was under his chin when she bridled him; Jim didn't notice he was unresponsive until the wagon didn't turn well!). Rock's a good mule!

Elk from 3B → 1B → lower pasture & lick again. Mica's still being treated for surface infection near her cut site. Daisy on bute. Rain today after a long dry spell - good timing on the haying.

Tuesday, July 18

I returned to TR with friends Hankey Jenkins and Mark and Spencer Shadle. Holly dried elk bone marrow from Chamberlain and worked on admin. stuff... phone bill, master card, and other receipt statements for Lynnk. The interns and Chris took the day off and tubed down to the Big Cr. gorge. Sam witnessed a "gorge gully washer" during a heavy thunder shower. We emailed the FS that information, the trails impassable for stock now. Holly made a big pot of stew for everyone. 745 elk on the second bunch and swale... 5 calves at most.

Wednesday, July 19

The mail plane came in early taking Hankey and the shades back to Big Cr. Hauled many (6) stoneboat loads of firewood to the lab. Chris began digging and crumbling big rocks in the pasture... <sup>Mower eaters</sup> Established bear bait site in lower p. Holly sent out business mail. Bo walking better but still sore.

Thursday, July 20

Holly spent the day on the computer, updated our predation study annual report. Then she backed up all our files onto disks... to make room for the GIS Ed Krumpke sent in. The interns, Chris, and I moved firewood, cut ~~new wood~~, and filled in rock holes with coral manure. Chris also repaired the solar fence and put it up in the north pasture. The Minshall group came in at 7:30 or so, we all helped get them situated. They packed in with the 3 draft horses... down Big cr.

Friday, July 21

The Minshall group worked up Pioneer and Cliff Creeks and the interns helped. The Arnold's flew in Jay Mize (his kids - Rob & Taylor) to do shoeing. Watched Jay shoe. Chris and I prepared logs up Pioneer cr. for skidding. Holly worked on the predation report. In the evening we had a potluck barbeque and Ray flew in with Jays wife Pam's 2nd daughter Megan. Ray flew the Mize family out @ dark. Ray also brought in ~~open lumber~~ today

Sat. July 22

Checked on bear bait up Rush Cr., it had been hit so we set up remote camera. Saw a young bear at the mouth of Rush Cr. while walking back. We oiled the barn boards in the morning and put them up in the afternoon. Made a wall  $> 9'$  on the stream side. Coached the interns on single <sup>(of barn)</sup> ~~mate~~ driving <sup>(w/ sunny windshield)</sup> (w/ stone boat). Hiked over to bait-overlook @ dark and saw a large brown-phase bear along the stream-bank. Holly worked on elk count data - making computer graphs. Also @ the bait we saw the doe with 2 fawns... eating canned fruit items! 100° today - yuck!

Sun. July 23

Checked the bait and saw med-lg. tracks there... and the bait gone except the dog food. The camera took over 12 photos but not the whole roll. Re baited the site. Jack Walker from Big Cr. flew in for a neighborly visit - toured him around and visited several hours.

John from AA stopped by twice - the first time with the rest of the lumber, the second with P. Goodwin gear. Used the mules to haul firewood (2 stone boat loads) and supplies... barn & airstrip to shop. Then we skidded several (6) logs down Pioneer Cr. with Rocky and Daisy. Holly continued elk data analysis.

Monday July 24

We all did yard work and firewood cutting... after seeing off the Minshall group. John flew in a couple hundred pounds of Goodwin gear. Gave the interns the afternoon off (they went tubing), except Ken who worked on Salamander boards. The mules and Bo escaped to the lower pasture, breaking portions of the corral and other fencing en route. We spent the heat of the day on paperwork inside. Watched over the Rush bait until dark - no visitors while we watched.



Tuesday, July 25

Chris and Jeremy headed to Cave Cr. with backpacks... to look for <sup>mountain</sup> goats. Holly worked on more predation data (report). I repaired corral rails that were knocked down and made a new corral gate-latch system. Moved sprinklers. Checked the Rush bait, which was hit last night, pulled the spent film from the camera and reset and rebaited. Prepared mail for tomorrow. Saw a small bear eating Hawthorne berries at the cougar pen pasture... until the mules (Rocky and Penny) ran it off. Bo still somewhat lame, seems to be right front knee.

Our favorite pilot, John Lancaster, from Arnold Aviation died in a plane crash with the JOGRA near Pistol Creek airstrip. We are devastated by his loss. John had taken off from Pistol Creek and circled back over the airstrip when the engine failed. Bill & Sonya Wigren saw a vapor trail of oil or gas. John tried to circle

back to land the plane at Pistol Creek. He hit a large tree 200 yards from the strip.

Wednesday, July 26

Students have the day off. Jim & I printed out the (final?) version of the predation project annual report - complete with elk pregnancy rates and historic elk population trends. Carol Arnold will make 15 copies for distribution. Sent letters & e-mails to HQ, Peeks, Toni Ruth. Tried to coordinate about helping with Travis' wolf trip - can't get ahold of anyone! In the pm J & H & Sam & Ken rode upstream until we met up with Chris & Jeremy, then we loaded up their backpacks on Rocky Bo and rode home. Sam & Ken & I had some mule races on the airstrip with Cricket, Rocky, & Penny. Bo will be trail worthy, not too foot sore with leather pads on, for the trip to Big Cr. He & Daisy (with bog spavin) are still getting daily Bute treatment.

Thursday, July 27

Sent out lodging bill & letter to J Peek and reimbursements to Lynne Kittner when Ray flew in to pick up Minshall gear. Arnolds are down to 1 backcountry plane now (vs 3 18 months ago). They are already experiencing cancelled charters (no shows) and Ray is flying overtime to do everything in the Cassara 185. We sent a note out to Arnolds; also asked what John's dog Zane would do now. They had a very strong bond and Zane will probably never be attached to anyone else.

Jim & crew skid & cut firewood up Pioneer Cr. Chris almost had a bad accident: He was splitting wood when the maul head flew off. He ducked away, but the maul head hit him (flat side down) on the back of the head! He saw stars for a few minutes, but recovered shortly. We all watched 2 large bears (1 brown, 1 blonde) near the bait site at mouth of Rush Cr. in pm. then ate Cherry Pie - some cherries from the small orchard trees.

Friday July 28

Jim & Chris headed to Big Creek with stock to meet Peter Goodwin's engineering students. Tonight J & C will camp at Monumental Bar. Jeremy, Ken, & Sam put out bear bait again. They cut ~ 9 <sup>dead</sup> poles for corral fence - up Big Cr and above the trail to Sagebrush Flat. They built up water intake dam with plastic and cleared debris from inlet trough & waterbox - amp at hydro improved from 11 to 15 (17 is typical without all the sprinklers<sup>(6+)</sup> running). The pasture & airstrip are green & growing despite drought & heat due to daily sprinkler and irrigation ditch rotations. I spent the day (& night) completing the winter 2000 UTM list for wolves - locations. The "Clear Creek Fire" blew up last night/yesterday. We saw a tall plume of white smoke - mushroom cloud from the fire. It is 70,000 acres & is moving W past Panther Cr & Jureano Mtn. The "Burgdorf Fire" is expected to jump the Main Salmon R. near Shepp Ranch in a few days. Matt O'Connell, IDFG, stopped to visit while checking fisher men

Saturday July 29

I spent the day tabulating and mapping/correcting the Rush Creek Cougar's winter 2000 UTM locations. I'm mapping NP Tribe LatLongs then converting to UTM's, but the GPSed LatLongs have large errors ( $> 1\text{ km}$ ), without being <sup>differential</sup> corrected. Ken, Sam, & Jeremy worked on irrigation, bear bait, and cut more poles. J & S

Inertubed to Bighorn Bridge then walked to the Middle Fork - rattlesnakes; 7 bighorns (4 ewes, 3 lambs) at Bighorn Bridge; bear & bobcat tracks @ Cougar Cr. The Clear Creek fire put out a big smoke column again this evening. No action at the bait site.

Sunday July 30

Another long day on the computer for me - came up with 55 non correlated locations for the Cabin Creek ♀ Cougar from last winter/spring. The crew oiled the Corral Shed. Ken set up the salamander board grid. Irrigation chores.

Jim & Chris met up with the UI engineering group (3 leaders, 6 high school seniors) at Big Creek trailhead & they hiked & packed to Mile Flat.

Monday July 31

Jeremy, Ken, Sam, and I did a 15 mile day hike loop - up to Rush Point, then to Cabin Creek then home to Taylor.

We found wolf tracks at our bear bait site at Rush Creek - from yesterday! We also saw a wolf track + wolf hair on the trail between Rush Pt & Cabin Creek and a large clump of wolf underfur at Mule Basin - stuck in a shrub along the trail. Moose cow & young calf in Big Creek near Browns Basin. Met some backpackers on Rush Ridge that were hiking from Flying B to Big Creek via Brush Cr Summit and Rush Creek: 45 yr old ♂, 60? yr old ♀!  
At Rush Point we watched the bomber

drop retardant on a fire (that just started yesterday?) in Buck Creek. We also saw a helicopter land on the ridge near there to deliver people & gear. Jim et al had planned to camp at Vines Ranch, but when they arrived <sup>10</sup>am they saw the fire, smokejumpers jumping on the fire, and a helicopter working from Vines airstrip. The group moved on to Cabin Creek by 11:30 am, but blisters & sore feet kept them from continuing to Taylor Ranch. Jim hiked back to TR so we can fly out to John's memorial service tomorrow am. Chris will handle the stock packing tomorrow.

Tuesday August 1

Jim & I flew out with Ray Arnold for John Lancaster's memorial service. The community really turned out for the service. He will

Thursday August 3

I finished the UTM lists for Eva to use as a home range demonstration of ArcView for African visitors - emailed the data sets (1 wolf, 2 cougars) to her. Jim & crew worked the mules on the stoneboat - filling our woodshed with winter wood. Jim sent out 8 copies of our cougar-wolf annual report, Steve Zettel and guides George & Trevor brought 13 head of stock from Cabin Creek for packing the Ecohydraulics group tomorrow. 18 of us got together for a potluck BBQ - moose & elk burgers, Chris' marinated broiled rattlesnake, Sam's mom's secret potato salad recipe, stew, rolls, chips, lemonade, fresh peach cobbler. Yummy. Jim & I gave the class a talk about wolf tracking and we all played with the elk jaws; broken leg bones, and <sup>the</sup> munched cougar & coyote skulls. I <sup>cleaned the</sup> boiled out ~~the~~ cougar skull from the cave and put it in peroxide to whiten. Sam showed class telemetry equipment and had



Friday August 4

Steve, George, & Trevor came over for breakfast then saddled & loaded mules & horses. Jim had to send the Ecohydraulics crew back to the lab for a more thorough cleaning job, then they headed out with Steve - 3 walking, 5 riding. We e-mailed Janet Devlieg Pope about our idea for a student internship <sup>at Taylor Ranch</sup> the Devlieg Foundation is interested in funding: Senior Thesis research. Emails to D. Bottger, L. Kittner, S. Hollenhorst on irregular help/ caretaking, vacation time and attending the Org. of Biol Field Sta annual meeting. Mailed the July NWS monthly weather report. Jim et al working the mules on the stoneboat and skidding corral posts off the hill.

them find a hidden radio collar.

Saturday August 5

We took the morning off then packed for our pack trip. Chris decided to join the 4000<sup>2</sup> club (hike 4000 feet up 2 mountains in one day). He now has the record: to Horse Mtn to Taylor Ranch to Dave Lewis Peak to Taylor Ranch to the White Cliff up Cliff Cr. to Taylor Ranch 15 hours 26 minutes.

We worked on improving power production - intake screens cleaning & 2 1/2 gallons distilled water added to batteries.

A National Outdoor Leadership School (NOLS) group of 17 hiked down Pioneer Creek from Camas Creek and camped on the flat West of Cougar Cr. We (5) rode mules down in the pm and gave a talk on wolves and our predation work. We took a watermelon to share with the NOLS crew.

I flew aerial telemetry with Ray Arnold: Wolves

Sunday August 6

Jim, Holly, Jeremy, Sam + Ken left with Mica and the mules to go on the annual Intern packtrip. I (Chris) spent most of the day resting and recovering from Saturday's expedition. I calculated total elevation gain at 14,000 ft. In the late afternoon the N.O.L.S. leaders came over to use the phone. I caught a small black bear trying to tip over the burn barrel at the old cabin and when I tried to run it off it showed no fear and even walked toward me. I returned with my pistol to try and scare it off only to find it looking in the windows of the cabin. After a few more shouts and arm waving it rambled off. In the evening I started digging up the lid to the septic tank at the duplex.

→ in upper Chamberlain & rendezvous site area,  
C-1♂ cougar in upper Cougar Cr, C-2♀ at Snowslide  
mouth, C-4 Rush Cr, C-5 in upper Cabin Cr. No Selway  
wolf.

Monday, August 7

I was awake this morning at 5:00 am by the sound of something trying to open the screen door of my cabin. I could hear grunting and knew it was a bear. After a few more attempts at the door it gave up and started knocking over the wood pile ~~on~~ the south side of my cabin. I got up and could just make out the dark shape of the same small bear that I saw yesterday. It disappeared and much to my surprise popped its head up to the window screen less than arms length away. I gave a shout for it to "get out" which startled it and it took off. After investigating, it appears that it also spent some time in the spare room at the back of the old cabin. I took bear bait over in the morning then finished digging up and replaced the lid on duplex septic tank. I started digging up the lid on the old cabin septic but it ended up collapsing underneath me

Tuesday August 8

Chris dug up the old cabin septic tank lid, moved irrigation ditches & sprinklers, and worked on corral rebuilding. Jim, Sam, Jeremy, Ken & I arrived home from our pack trip to Whiskey Springs. We watched mushroom plumes from 7 forest fires while we were on the ridge tops. Diamond Point fire on Big Creek went from 5 acres to 1400 acres yesterday. Flossie Fire swept past Chamberlain G.S. and Stonebreaker Ranch, but burned Hotzel Ranch. We hiked up the rocky ridge next to Papoose Peak to look at the Sheepeater Indian rock cairns for sheep hunting. We also found some bighorn ram beds & tracks nearby. We located the Cabin Cr male cougar (C-1) in Cabin Cr and C-5 further W in Cabin Cr. The Selway wolf travelled S past Whiskey Springs and down Cliff Cr. We were 500 meters from her, but she didn't respond to our howls. We had a tough trip thru the burn down Cliff Cr. Mica was getting heat exhaustion. The Interns did a great job packing.

The NOLS group returned to Taylor Ranch area - they planned to hike out to Big Cr., but turned back when they saw the Diamond Point fire blow up. Jon Muir, descendent of John Muir hiked down Big Cr and visited with us in the evening. Chris BBQed moose steaks for our crew & we had a potluck.

Wednesday August 9

Ray flew in with the mail and <sup>brought</sup> the makings for root beer floats to celebrate the end of the summer for the Interns. Jim & crew finished the septic tank lid and worked on the corral. I sent out the phone bill & emails (recommending Lynn MacE. cancel her trip next weekend due to the smoke & fires). "The mules" each signed a copy of Mule School by Stacy Gebhardt for ~~for~~ Chris, Ken, Jeremy & Sam - the signing included mule apologies for mule misbehaviors (foot stomping, student dragging...) toward the crew.

We had another potluck, since it's the last night together before Chris flies to Salmon tomorrow.

Thursday Aug 10

Salmon Air flew the NOLS group and Chris from Taylor to Salmon - 2 Islander loads @ 1200 for 10 people + backpacks. The Islander had to stop on the airstrip until Chris & Jeremy flushed 20 grouse from the path of the plane. Jim & Interns finished the corral. I baked cookies. Ray flew in with our groceries - our lists in the mail bag had been at the post office, so we didn't get groceries yesterday. We rebaited the bear site again. Sam & Jeremy found a large "bed" on the side of the airstrip that had long black & white guard hairs - wolf plus a dead racer snake. We watched Jim's Oregon bear project videos & had margaritas in the pm. Root Ranch is evacuating & trailing stock back to the 'B'.  
\* Spectacular dry lightning display at 10 pm.

Friday, Aug. 11

Found our wayward stack, saddled them, and rode down to Soldier Bar so the interns could see that site. Visited with a couple people at Goat Cr. - spraying Knipweed.

\* Last night's lightning did start some new fires. Ray stopped by and left a note that 2 were burning on Rush Pt. & W. Fr. Rush Cr. The Diamond Pt. fire has also crossed Big Cr. and is burning towards Copper Camp. The Root Ranch crew, led by Mike & Dan (Taxidermist, Saloon), stopped in w/ 23 head and 2 guests - Eric & Misty. We had a chicken barbeque. Kew, Sam, Jeremy getting ready to fly out tomorrow a.m. We laid out fire hoses & tested the fire pump - sprayed around the Taylor Cabin. Glued a pvc fitting on the Hydro shed "hydrant" so we could attach fire hose there.



Sat. Aug. 12

Smoke set in like fog last night so the plane was not able to make it in until after 12:00. Ray came in and took out Jeremy and Sam first. Then the Big Cr. fires blew up, especially the one in Canyon Cr., so the priority switched to evacuating people from Cabin Cr. 13 + Steve Zettels fisherman. Steve pulled his camp and put the gear on an island in the middle of Big Cr. Holly visited with Fred Damber and Pete Amell about ranch protection - supplies we had here. By late afternoon there was a huge smoke plume coming from Big Cr. Ridge (Rush Pt.). Ray came in and took out Ken and his gear. By 7 pm we could see (large) flames on the ridge across from "the Gooseneck". The borate bomber made several dumps around Rush Pt. L.O. We were getting concerned about Steve, but he and his crew - Trevor, George, and Dan showed up at 11 pm or so. They had 13 head of stock + O.J.s, the lab. Holly made a midnight dinner.

We called Arnolds at 7:30 pm to see if they could make a last minute flight to Taylor Ranch to fly out a load of belongings & TR files in case the fire came. Ray flew right over from Monumental while we threw things in boxes and in the plane: photo albums, Taylor's personal files, saddles, guns, archery & camping equipment.

Sunday, August 13 The Day of The Fire

Today started out quietly. The smoke hung in close, < 100 meters visibility. Steve Zettel's crew slept in at the bunkhouse & cookhouse then came up for breakfast before saddling 13 head of stock. They decided to ride back to Cabin Creek to finish securing their camp gear on the island in Big Creek then ride up to their new Whiskey Springs camp at Cliff x Papoose ridge to cut firewood.

Jim used the chainsaw to cut a fire break in the riparian shrubs along the airstrip. I cut out all of the lilacs, roses, mountain ash and maple from behind our cabin for fire prevention.

At 2:45 the wind picked up and the smoke cleared. We could see a large mushroom cloud of smoke on the north side of Rush Point.

The fire was 1 1/2 miles from us and burning hot. We called the Krassel FS - Fred Dauber & Pete Amell. They were already trying to

get smokejumpers in here, but it was too windy, they returned to McCall to come to Taylor Ranch in a helicopter.

We saddled up the mules/horse in case we had to evacuate. Minutes later we knew we had to leave immediately.

We grabbed the computer, Taylor Log books, walkie talkies, address book, Air-ground radio, and wallets. I grabbed some crackers and a jacket, but we didn't get sleeping bags or extra clothes. We didn't have time to move propane tanks from buildings and the fuel shed. We turned on the water pump and left it blasting at the Taylor Cabin. Sprinklers were still on at other buildings. Jim tried to reach Arnolds on the backcountry radio, but had to leave a message with Sharon at Yellowpine Bar that we were evacuating to the Flying B ranch 22 miles away and fire was at Taylor Ranch. Jim had already called FS to say we would probably evacuate

we could hear the fire roaring

we left with 1 full & 2 empty back saddle

before the helicopter arrived since the fire was moving so fast.

As we left Taylor Ranch <sup>at 3:40</sup> a strong wind blew embers ahead of the main blaze and ignited hillsides  $\frac{1}{2}$  mile away: Horse Mtn then 3rd bench grassland; along the airstrip; then 100m above our cabin. The main fire roared past the mouth of Rush Creek to Taylor Ranch and the entire Horse Mtn - Cliff Creek basin was flames. A strong east wind sucked air into the fire. We kept looking behind as we travelled by muleback at a fast walk. I got a few last pictures of Taylor Ranch from the trail. At Dunc Creek an hour later we heard a helicopter but could not communicate with it on our air-to-ground.

We did not know at the time, but 6 smoke jumpers did helicopter in to Taylor Ranch soon after we left. They immediately ran to put out a fire next to the haybarn.

By the time they got the pump going in the creek the Cookhouse was burning. 6 more smokejumpers from McCall came in that night. The fire made a run from the east, but the jumpers had hoses ready at each structure. They backfired when the fire came over the knob from the east and held the fireline along the east trail to the waterbox. Steven Bierman of McCall Smokejumpers left us a note documenting their activities.

Meanwhile, Jim and I continued riding until 9 pm when rafting company Rocky Mountain River Tours encouraged us to stop, have dinner, and spend the night with them. We hobbled & grazed the mules at Wilson Bar then had a gourmet dinner of crab cakes, pear-cranberry crisp and other dishes. Past Idaho governor Cecil Andrus was a member of the rafting party. He was particularly concerned about the status of Taylor Ranch. He was instrumental in arranging the Idaho National Guard moving the Lanham lab building from Cabin Creek to Taylor Ranch in 1990 and had visited us on site at that time. The river guides loaned us sleeping bags and pads. We tried to use the Magellan <sup>satellite</sup> e-mailer at Dince Creek to send messages to Fred Dauber - Dist Ranger and Ed Krumpel - UT. The messages didn't get through for some reason.

Monday August 14 At Flying B

We continued our journey to the Flying B. Mike <sup>Knecht</sup> & Scott met us on horseback at Jack Creek. The B crew had waited up until 1 am for our arrival and Rick <sup>Doromy</sup> had slept in the tack shed so he could help us in the middle of the night. We called Arnold's to let them know we had arrived. We were amazed at how many people had been concerned for us.

Debbie, a Flying B board member loaned me a dress, so I could wash my one set of clothes. We have a cabin with beds & shower to stay in - Cabin #2.

In the afternoon we saw a large mushroom cloud from Sheep Creek and learned there were 2 new lightning fires 9+ miles away (Shellrock North & Shellrock South at Rush Cr x Brush Cr and Rush Cr x Trail Cr x Sheep Cr). We talked to Flying B manager Rick about fire prevention and 8 of us started cutting brush from around the cabins. We ate meals with the Flying B crew. Too smoky for flying. A fire threatened the Camas Cr trail to the Meyers Cove trailhead 20 miles away.



Tuesday August 15 At Flying B

We all spent the day brush clearing on the south side of cabins and cut out a firebreak on Brush Creek. All Flying B guests flew out. Smoky. Set up <sup>fire</sup> hoses.

The 12 Taylor Ranch firefighters put out hot spots around TR and <sup>did</sup> mop up. We lost the cookhouse, bunkhouse, and wall tent & frame. The fire burned around the tack shed & storage shed, plus the West & S. perimeter of the Taylor Cabin yard. Taylor Ranch is a relatively unburned oasis surrounded by 100% burned.

Wednesday August 16 At Flying B

4 fire fighters from Moyer Helitack (Doug, <sup>Graves</sup> Bill, <sup>Boggs</sup> Brian, and <sup>Adams</sup> Mike <sup>Helms</sup>) flew in to help with structure protection at Flying B, Bernard (USFS), Short Cr. Lookout, and Mormon Ranch (IDFG). The Short Cr. fire blew up in the pm just as the lookout was wrapped and burned N of Short Cr.

We continued brush cutting in the riparian S of the cabins while 2 fire fighters tested their pump & laid their hoses. Flying B pump wont work.

Mike & Ron rode 8 miles up Brush Creek to bring down the Root Ranch stock - only found 11 of 24 head. Flying B crew started boxing up belonging to take to the hayfield in case of fire.

Thursday August 17 At Flying B

Joanne, Marian, and I rode our mules 3 1/2 miles down to Jack Creek to see if the Short Cr fire burned to the river. It was still burning at Jack Creek (W side) down to the river. We watched rafting parties of elderly people with dust masks float down the Middle Fork.

We heard <sup>the Short Creek Fire had</sup> crossed from Soldier Cr to Wilson Creek (infrared photography).

Jim & I keep planning to return to Taylor Ranch with the mules in early morning, but the <sup>(Rush)</sup> daily reports of the status of the Point Fire and Short Creek fire are variable among the different forests and afternoon winds are dangerous for fire spread.

Mark Armbruster & Russ Cozak flew in on a FS helicopter to secure the Mormon Ranch structures. Jim & Rick had turned on the irrigation ditches at Mormon Ranch yesterday. Jim Upchurch and Russ, North Fork District, FS rode stock from Meyers Cove to Bernard to get the 5 head left at Bernard.

We borrowed clothes from Vickie, Hope, & George, so we could wash ours. A helicopter flew in while 2 fire fighters were doing laundry, so they helped unload dressed in a towel and a women's bathrobe.

More brushcutting & piling today. Jim & I helped Rick develop a plan for firefighting & escape. Rick, Hope, <sup>Wilkins</sup> & I did a fire drill for our evacuation. Moved 55 head of horses to airstrip pasture.

FRIDAY AUG 18, 2000 FIRESTORM AT FLYING B

Rick rode up Brush Cr at 3 AM and found 11 of 14 horses & mules. He was back at 9:30 AM and the fire up Sheep Cr started burning hot by 10:30 am. It was 9 miles away.

Bill <sup>Guth</sup> flew in with clothes for Jim & me - pants, shirts, socks, underwear, sport bra, <sup>-no time to put them in our cabin</sup> Salmon Air Taxi flew in to pick up 20 rafters from Bernard and Flying B. Jim packed 2 loads of Forest Service gear (pump, hoses, fuel, people) from Flying B to Bernard; packed Flying B groceries from Bernard to B; shuttled floater equipment from Bernard to Flying B airstrip when the smoke was too thick north of Bernard to land there.

Chris McDaniel flew in on one of the planes to ride back to Taylor Ranch with us. He helped with the packing. IDF&G helicoptered out.

I worked brush clearing & hosing down cabins with fire hose. Sprinklers on everywhere  
→ with the B Crew & tractor too.

He called it "A fire of biblical proportions" then drove away from the lookout to safety. ↙

At 3:30 pm the Middle Fork Peak Lookout reported the (Shellrock) fire was 6 miles away and moving down Sheep Creek fast. We moved our mules from the barn fence into the pasture<sup>to north</sup>. Gear & belongings were taken to the airstrip pasture. Mica & Rick's dog Buck were locked in the shop for safety. Vickie got her 3 dogs, and Hope her 1 dog + supplies and I drove the 3 of us to the airstrip pasture as planned. (Vickie was just getting ready to put 3 King salmon in the oven when we had to leave - she had traded a float party 3 loaves of bread + a cake for the salmon!). The other 8 "B" employees + Jim & Chris + 2 firefighters positioned themselves at their stations: fire hoses, backburning or radio communication

10 minutes after we arrived in the field fire started burning on the hill just above the field. The Short Creek fire was burning south toward us while the Shellrock Fire blew down Brush Cr to the Flying B. Both fires spotted across the Middle Fork

Jim ran to cut the fence for the mules to escape to the Middlek, Cricket watched him cut it, but the others were running around from the wind so she left him for them. ↗

and we had fire burning all around us.

The "B" crew <sup>(Rick, Mike, John, Scott, George)</sup> turned on hoses and had little pressure - the FS pump was plugged with debris and the B system couldn't run so many hydrants at once. Rick sent everyone to the river. <sup>as the fire came down the hill.</sup> Chris & Mike (FS) had started a backburn, but it burned back on them.

They jumped the corral fence when the firestorm hit. <sup>at 4:30</sup> Heavy hurricane winds stirred by the fire blew from South to North.

Chris & Mike ran toward the river and were blown into a hawthorne bush. Mountain mahoganies were uprooted, some slammed into Chris & Mike along with pieces of the barn and metal roofing.

The pole barn blew into pieces and the hay <sup>3600 bales</sup> burned. Our mules were pelted with gravel & branches until they ran through the barbwire fence (Penny had run toward Chris, then bounced off the barbwire on the 1<sup>st</sup> try; Jim had cut open a section

of fence 15 minutes earlier, but couldn't coax them to go thru the opening).

Marian and Joanne met up at the river under the bridge. When the fire storm hit they watched the wind pick up the pack bridge and pull it from its connection at the piling. The bridge end slammed down on the edge of the cement piling and buckled a section of 12" I beam like an accordion. They got in the water and drifted to an island that was burning on the downwind side. The riparian brush by the bridge was on fire now. They ducked underwater to keep cool, but <sup>a few days later</sup> Marian had skin peeling on her eyelids from the heat. Jim, Rick, and Scott made it to the shop as the fire storm hit. They were in & out of the shop several times as they fought fire then retreated. Doug (FS crew boss) hid behind a cabin when the fire storm hit - no time to backburn - then resumed fighting fire around the hydro shed

Jim tied Mica & Buck together so he could move them to the river if necessary. Both dogs were shaking.



with Jim. Vickie & Hope & I were in the safest place—with knee deep green grass and the river 20 meters away. It was fascinating watching the fires burning all around us and blazing through the riparian nearby. We felt the heat from the riparian burning and felt the strong South wind & smoke, but we were on the ground covered by wet manties and cloths. The most horrifying aspect for us was watching the large orange glow in the sky radiating from the Flying B almost a mile from us. I was certain no one could survive that firestorm that centered over the Flying B. The smoke was so thick above us it was as black as night. We used the air-to-ground radio to talk to 2 pilots overhead (Gary Merritt was one). FS also had communication. After the firestorm passed and the sky lightened Rick found everyone in the river and Jim joined Doug at the pump. Rick rode out to us in the field with the 4 wheeler



then came running. I thought he had very bad news. Was it Jim, or did others die? What a relief to hear that everyone was OK. Rick & I rode back to fight fire while Hope & Vickie stayed put in the field.

The devastation was incredible. The wind from the firestorm caused most of the damage. Jeep shed collapsed, wood shed roof blown off, <sup>rick put out a fire in the wood</sup> roof over sod roof rec room blown off, haybarn pole shed gone (some metal in river 1/2 mile away) and hay burned, a tree on Cabin #4. Our Cabin, #2 burned to the ground. A burning tree fell on it and pierced the metal roof. Jim tried to get the fire out with fire hose ... couldn't do it. The generator building burned down. Jim & Doug kept the hydro from burning. The rest of us put out small fires on buildings and around buildings. Trees & branches and electric wires and antennas were scattered on the ground. I set up a portable backcountry radio, while Marian held up

one end of the antenna. We called Bill Guth first, but he couldn't hear well enough to understand that major damage had occurred. We reached Arnold Aviation and Carol made a <sup>radio</sup> patch call to Bill. A FS helicopter flew in at 7 pm. Mike (FS) flew out - the back of his ears had second degree burns. A 2nd flight brought 4 more firefighters.

Many of the FS hoses were burned up. Jim pulled away an expanded 5 gallon can of deiesel from the burning hay. Doug & I both put out fires that were burning the rubber hose between the gas can and water pump. One chainsaw was burned up. I put ointment & a patch on Rick's eye.

The 2 Bernard Firefighters returned to the Flying B in the evening. They missed the firestorm, but the Short Creek fire raced through Bernard Guard Station 1/2 hr after the Flying B firestorm. They were as wide eyed, talkative, and wired as we were,

The trail crew packers stayed at Bernard overnight.

We treated Penny (mule)'s barbiwire cuts and gave her banamine, electrolytes, and antibiotics. She was still quivering and in shock 8 hours after the event. Most of us were up until after 1 AM, except Rick who had injured his eye. 2 of the new FS crew took over night duty.

This firestorm really moved fast. It was at the B and miles past within 1 hour of us hearing that it was 6 miles away. We heard from a <sup>Red Nielson</sup> pilot that the fire burned 7 miles in 22 minutes (21 mph). We saw times that it moved faster than that. We are all fortunate and blessed to be alive. Everyone had sore eyes & lungs from the smoke.

We later heard the fire put out a <sup>huge mushroom cloud</sup> plume 30,000 - 50,000 feet high that then collapsed on itself.

Saturday Aug 19

Flying B

It's still very smoky, but we walked around and looked at the surroundings. Almost everything is burned in all directions. Last night fires glowed on every hillside. We began finding dead & injured animals. Ravens & a flamulated owl blown from trees, a deer with hide burned off, dead bear cub, burned bones of elk. We tried to rehab a raven and the owl, but they didn't make it. Jim had to shoot the ~~deer~~ <sup>fawn</sup>. We spent most of the day clearing debris from trees and the collapsed shed. Bill Guth flew in through the smoke and got pictures for the insurance adjustor. Ray Arnold brought a plane load of hay cubes for Taylor Ranch, plus popsicles for everyone and necessities for Jim & me: toothbrushes, toothpaste, combs, hand lotion, gum, candy, pain & burn medicine. Carol brought. Jim lost his wallet when our Cabin #2 burned, we also lost our shirts, toiletry kit and borrowed clothing & supplies. Our new clothes did not burn - we didn't have time to put them in our cabin yesterday.

Sunday Aug 20 Flying B

We continued with cleanup. Our FS firestorm crew flew out plus the packers. The crew is feeling depressed and everyone is touchy. Grud in the waterlines is clogging toilets, showers, and the washing machine. I cleaned out plumbing. Rick & Jim & I took the dogs to the river to let them relax & retrieve. On Mica's first retrieve she came out of the water limping on a hind leg and shaking with pain. Her hind leg popped and snapped up when she walked and she cowered against me. Jim carried her to the lawn then the cabin.

Monday Aug 21

I spent the day fixing the barbwire fence that had been torn out by barn debris and the mules. - with Mike & John while Scott & Ron picked up metal roofing

debris, I wasn't ready when Ray Arnold flew in below the smoke to pick me up. We waited an hour for visibility to improve then flew out to Cascade. It was nice to see live trees and blue sky! We had been living under a smoke cloud for too long - it felt like everyone lived in a blackened burned landscape. I drove to LaGrande to our veterinarian Mark Omann. Mica & I stayed <sup>overnight</sup> with Mark & Lorna and talked nonstop about our fire experience from 11pm to midnight! Still have a big adrenaline rush.

Jim & Chris headed to Taylor Ranch by 8 am. We had to ford the Middle Fl. since the bridge was out of commission. Saw where the fire had burned almost the entire west side of the river, and crossed in just a few places. The trail crew camp at Rattlesnake cr. was missed by the fire. The main place

burned on the east side was at Wilson cr.

Rock slides were more of a problem than burned & fallen trees. Had a challenge getting across the "bridge wrap" at the Bighorn Bridge on lower Big Cr., but succeeded by taking them 1 at a time. Stumps and fallen logs were burning south of Big Cr. from Burnt Cr. to the ranch.

Got into Taylor @ 3:30 p.m., there was a bear by the hayshed upon arrival. Very glad to see the tackshed was still standing! Damage to the ranch was not as bad as feared, although the burn activity all around the ranch looks severe - except maybe the grass benches. Mike <sup>Feliciano</sup> F, a smoke-jumper from McCall, gave us a briefing and tour of the property perimeter. Ryan and Edward are also part of the protection crew. Had the crew over for beer and sandwich dinner.

(Smokejumpers Steven Bierman & Dennis Geving left us notes of their activities Aug 13-15)

Tuesday, Aug. 22

Inspected the burn zone...cookhouse, bankhouse wall tent frame & tent, and woodshed - all



levelled by fire. Took several photos. Flipped breaker to lower buildings in hydro breaker box. Chris began bridge gate rebuild. Several calls made and received, mostly WI. Holly called to say that Mica's leg surgery went fine... to hold achilles tendon in place.

Visited and talked more with Mike on fire "hotspot patrol." The water intake is doing surprisingly well, however, we still have to clean screens regularly. A sow and 2 cubs and 2 does and 3 fawns in the pasture and brush today. Replaced the melted windsack at Rush Creek and rebuilt the fence line at the end of the airstrip.

Weds. Aug. 23

Chris and I did morning chores. I helped Chris some with the bridge gate. Visited <sup>(phone)</sup> with Ed K., Holly, and Nancy M. regarding accident reports, Chuck Hatch visit, etc. The fire crew prepared to fly out if the smoke lessens. Talked to Chuck Hatch @ 4:30 while he waited to fly in. He



ended up "bagging" the trip shortly after 5 when the smoke still hadn't lifted. At 7 a FS helicopter came in and lifted out the 3 firefighters. Holly will stay @ Carol Arnold's tonight.

Thurs. Aug. 24

Helped Chris with the gate. Less smoky today and Ray flew Holly in around noon. It sounds like many fires are regaining activity, especially by Pistol Cr. Ranch, and in Monumental and upper Big Cr. Put a plane load of stuff away. Chris is still attacking the gate project. Chris and I both spent a lot of time filling out an accident report from our injuries at "the B" firestorm. Holly sorted through a big pile of mail, paid bills etc.

with  
pre fire  
gear



flew in late afternoon, once the smoke cleared, but could not land due to high winds.

Smoke Columns visible up and downstream.

Ray reports fires active in Cabin Cr. bottom and W. FK. of Rush Cr. Bill and Sonya from Pistol Creek evacuated this morning... fire getting very close to them. The 3 bears are eating all edible berries around the place, after the Mtn. Ash today - took many photos.

The Little Pistol Creek fire burned over Pistol Creek Ranch in late afternoon - the shop & 15 cabins burned; 5 cabins (Bill & Sonya's and the lodge) remain. They left just in time (Sonya flew out, Bill rode horses out).

Sunday Aug 27

I installed a sediment water filter in our waterline. Finished cabin cleaning - ash & dust abundant. Jim & Chris fixed sprinklers. FS helicopter took out 2

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loads of gear & trash. The bears had torn open the trash boxes ~~last~~ night. Chris brought back the "ram skull in road wad" that he found after the fire burned the Mule Basin riparian. We vaccinated mules/horse. They broke into our yard this morning (fences all burned up) and started eating corn stalks before we could chase them out. "Yellow nose", the 280 lb male black bear from oat bait station on Rush Creek showed up by the Duplex today. Cottontail rabbits around the buildings. In the evening Ray flew Janet Hohman in to help us and flew Chris out to Salmon. Chris will miss the first day of school - UI due to not being able to fly out earlier.

Sent more email copies of our fire story out to friends & coworkers.

Monday, August 28 Mica's 5<sup>th</sup> birthday  
Jim, Janet & I spent most of the day  
building electric fence and making pole  
gates for the main pasture. A helicopter  
flew out the last FS load - they left us  
a few gallons of chainsaw gas. Smoky  
all day & still. Bear family and Yellow  
Nose bear around cabins. A cougar  
killed a doe & fawn & buried them on  
the edge of the airstrip - 2/3 down.

Tuesday August 29

We set up the remote camera at the doe-  
fawn kills - the female bear & cubs were  
feeding on the doe carcass when we  
arrived - they watched us from the burned  
hillside. Jim & Janet rebuilt buck & rail  
fencing near the old garden X cougar pen  
pasture with burned birch poles. I  
worked on correspondence - Lynne K-  
receipts, hours for Chris etc, insurance  
adjustor, Steve Achord - NMFS cancelled

salmon pit tagging at TR next week.  
Continued sending out the fire story e-mail  
and made minor edits. Talked to a  
Lewiston Tribune reporter about the fire story  
- they want to do an article this week.

Wednesday August 30.

We are learning bear biology from the  
sow & cubs. They make a circuit around  
the ranch and always seem to be where  
we are. I videotaped the bears eating  
chokecherries by the bridge, then sleeping  
in the rocks above the cougar pen - this  
was after we bumped them off the deer  
carcass when we shot the roll of film.  
Jim got permission from IDFG Jeff Rchlm<sup>er</sup>  
to dart & radio collar this sow. He had  
opportunities in the orchard and along  
Pioneer Cr, but we were expecting Ray in  
to fly Jim out. More fencework. I  
sent a lodging bill to the Ecohydraulics

group, Janet & I were going to reset the remote camera, but the yellow nose boar was there. We didn't want him to trash the camera when it flashed, so brought the camera home. Earlier today we emptied the composter in the garden after a bear rolled it last night. Jim flew out at 5pm. Janet & I hiked to Rush Cr switchbacks. The mules had been in the corn again then gleefully ran to the sagebrush flat! They followed us home - into the corral. Riparian burned hot at Rush Cr. Still a stump burning up Cliff Cr.  
Sent a letter to Flying B.

Thursday August 31

Set up fire hose connection at lab for the 1" hose - not a great flow! Moved 1 1/2" pump hose line to lab also. Changed propane & got lab ready for Minshall group. Janet & I disassembled the burned fence line behind our cabin for parts.

Janet raised rails on the fence to orchard where the mules jump over. The Minshall 15U aquatic invertebrate group flew in at 7:30 pm. Janet & I hiked downstream to check out burned areas since the smoke finally lifted this evening: went to Goat Basin & looked into Cougar Cr. A small fire was burning in the bottom of Cougar Cr, 1/2 mile from mouth. Most of the fire was south of Big Creek except where it ran over the Cliff-Cougar ridge into Cougar Cr. We watched a hungry bear (Yellow Nose?) near Cougar Cr feeding rapidly on grasses along Big Cr. Again the sow & cubs were everywhere at Taylor Ranch. They worked on the apple trees at the Duplex and Taylor Cabins. Does with twin fawns in the pasture - very tame & curious when in our front yard. Sent out monthly weather report  $3/100^{(0.03)}$  inches of rain for August! The Minshall group (5) came in... Kate, Jeff,



Friday, Sept. 1

I finished shopping and license replacement in Cascade and McCall. Holly and Janet continued fencing. Wayne's crew sampled in Cliff and Pioneer Creeks. Ray flew me in early afternoon, weather was deteriorating so he did not want to radio track. Put things away. Janet made a cake that we shared with Wayne's crew. Lots of bear activity on the place.

Sat., Sept. 2

Rained a little last night... finally a weather change! It really rained early afternoon, along with a vigorous wind. We collared the female bear today with the 2 cubs. We lured her into the cougar pen, closed the door, then darted her. Prior to the darting she caught and ate a ruffed grouse that was confined in the cage corner. Spent most of the day working on the buck's rail fence behind Taylor Cabin.

Sunday, Sept. 3

A cool, moist morning. Holly and Janet hiked to cabin creek. They saw 40+ big trees and 80 more smaller ones, plus 15 rock slides. Today's big event was immobilizing a male bear out of the Taylor Cabin east window... with a jabstick! He was eating apples and I lured him under the window by throwing wheat thins to him. Put a radio collar on the 3yr. old male. Wrote several letters and a few emails.

Monday, Sept. 4

Middle Fk. Aviation came in with 2 planes to take out Wayne Minshall's crew, mid morning. Spent most of the day on the rail fence project. We put up several spans behind the Taylor Cabin. Holly corresponded with Tom Grote, Star News, about our fire story going into the McCall paper. "Sowie" has gotten a bit more territorial around the duplex apple trees, I had to thump her with a few rubber blunt arrows to keep her in line.

Tuesday, Sept. 5

Janet and I worked more on the Taylor cabins buck & rail fencing, also sawed up a fair amount of "blackened" firewood. Sowie and the cubs hit all their favorite trees. The bear also made a daylight appearance. Holly pulled the lab water heater to send out for repairs. She sent a thank you to Rocky Mtn. River Tours in Boise, and corresponded several times with Tom Grote from the Star News... in McCall.

Wednesday, Sept 6.

Worked on mail in the morning. Fixed the new bridge gate, which the mules broke through and "trashed." Ray came in after lunch with Jim Porter on board, he was checking out the burn zone. Holly and Janet went radio tracking with Ray for 1 1/2 hours. Jim & I walked around the place looking at fire damage. Ray got to encounter "Wheat thin" (♂ bear) up close while going to use our radio. "Sowie" and cubs still raiding everything within reach around the place.

Thursday Sept 7.

Nice, cool, clear day. I extended the airstrip water line, also reactivated the other pasture sprinklers. Put away fire pump and hoses. We tested out the fishing post-fire. Still great. We caught some large spawning cutthroat and I snagged a big bull trout by the fin. We saw a battered salmon in the Rush Creek hole; no redd at the tail end of the island this year.

Friday Sept 8 Salmon Air flew in a plane load of haycubes for Flying B.  
We restrung and repaired the burned electric tape fence in the North pasture. Burning shrubs along the fence line had melted the insulators and plastic in the fence. Mule droppings had burned to ash, but the grass had not burned. All the riparian on the North Side burned hot.

Phone calls & emails to NPT & Lynne K, & Ed Krumpe. Janet DeVlieg Pope emailed us to say the DeVlieg Foundation was funding

our winter cougar & wolf predation study for \$30,000 this year! Great news.

Cal Henry & Mike Knoshaug rode up from the Flying B with 10 head of stock, headed for Root Ranch. John Humphreys and Eric, McCall smoke jumpers flew in this morning & hiked down to Bighorn Bridge to "unwrap it" - take off the fireproof foil. 2 of Steve Z's guides had just crossed the bridge with their stock and the Flying B crew arrived as the jumpers finished. Strong gusty winds were blowing small twisters of ash & dirt around Taylor Ranch and had rekindled the fire in lower Big Creek. The Cougar Cr hotspot burned up to Cougar-Goat Ridge grasslands. There was fire 1/4 mi uphill of Bighorn Bridge and low in Breeching & Snake Cr. Cal & Mike were concerned about the rest of the B crew getting through there tomorrow. We made a hasty dinner and invited Cal & Mike and John & Eric over. They stayed in the cabins. "Wheat Thin" chewed a hole in Mike's saddle bag by the front porch while we ate dinner.

Saturday Sept 9

Cal decided to go to Root Ranch via Lost Guide Trail (Cliff Cr) and Coyote Springs as we suggested rather than labor over known & unknown terrible trail conditions on Big Creek, Cave Creek and Crooked Creek from the fire. I rode Cricket & went with Cal & Mike to show them the way thru the 1988 burn downfall. We made it to Whiskey Springs in 5 1/2 hours - flagged obscure parts of "trail" and cut out a few small logs. <sup>7 hours more to Root Ranch.</sup> 4 hours to get home <sup>for me.</sup>

The new fire had burned to the top of the ridge above the 3rd bench, above the white cliff and along the ridgeline (Cow/Cliff) south of Black Butte and had spotted into Cougar Creek (previous burn) and the lamb cliffs. Still burning in lower Big Cr. No deer, elk, or bighorns or tracks seen.

The smokejumpers flew out. Jim worked on fence and other projects. Rick Dorony, John, Matt, and 2 Flying B owners Steve & Doug arrived with 20 more head of stock - headed

for Root Ranch. They unsaddled & helped Jim with windsock repair. Jim had fixed a big pot of elkburger stew and I made an apple crisp for dinner with the Flying B crew. After the "B" fire we all feel like old friends. "Wheat Thim" chewed on John's saddle bags and lost <sup>(took?)</sup> his camera while they worked on the windsock.

Sunday Sept 10 Early breakfast of sourdough cinnamon rolls  
Jim went with the Flying B crew up the Cliff Creek trail at 7:30 AM. I (Jim) went with the crew up to Whiskey Springs... where it was snowing. En route back I heard 3 elk bugles and 2 cougar vocalizations. The cougar was a ♀ with 1 or 2 kittens (Cabin Cr. ♀??)  
Holly did several loads of laundry and some bubbling cleaning. It sounds like a FS flight will come in tomorrow... to show us infrared images.

Monday, Sept. 11

Did usual am chores and email correspondence. Cleaned house and Holly prepared to go to Bio.Fld. Stn. meeting in W. OR. Ray flew in around 1:00 with Mark Ouwens, a vet friend from La Grande. He will do a variety of vet services on our stock.

Tuesday, Sept 12

Worked on 2 mutes dental situation, Rocky and Penny. Dr. O. drained an abscess on Rocky's hip. I put shoes on the front of Cricket and Penny. Rick and Marian from the Flying B came in, via Ray A., they will have Buck's shoulder checked by Dr. O and discuss equine first aid. Had a steak barbeque. Holly flew out for OBFS meeting.

Weds., Sept. 13

Continued dental work - Daisey and Cricket to day. Rick took some close up photos of "Sowie" and her 2 cubs. We all discussed



equine first aid with DR. O. Mica has been  
"laying low" since reinjuring her hock. DR. O.  
rebuilt her splint.

Sept 14, Thursday

Mark and I trimmed Bo and reset his front shoes. <sup>w/leather cushion</sup> Mark says he has "foot stress laminitis," probably from stone bruising with his flat feet. Ray was late getting in to take Mark out. The Holubetz family flew in this afternoon to ranch sit while Terry and I go in pursuit of elk.

Sept 15 Friday

Packed for hunting trip with Terry Holubetz. Janet Pope arrived 9:00am from Clarkston, with pilot Jim Pope, Jr. She will stay with Diana Holubetz to watch ranch. Jim Pope, Sr. arrived by helicopter with Russ Thurow as a stopover during their fish survey with USFS Intermountain Research.

Saturday, Sept. 16

Best Fishes of ~~Clare~~ ~~Tom~~ ~~Tom~~

Hello Jim + Holly - from Tom Crawford

Sorry we missed you. Dave Kemzell

McCall, ID BATER Team Leader.

My first time to Taylor Ranch - it's all I imagined... and more - it's beautiful + unique - Brad Sanders, McCall, ID

Lawrence A. Kingsbury

Heritage Program Manager

USDA Payette National Forest

McCall, Idaho 83638

208 - 634 - 0750

"On the Payette National Forest,  
historic preservation week is  
every week."

JOSEPH RICE - wife did panther research

SAGAMI HELICOPTER in Florida.

HILLO HI

Sunday, Sept 17

Diana Halubetz and family and Janet Pope woke up to Jim Pope SW. arriving by Cassa. We spent the afternoon fishing below the bridge. Jim catching a nice Dolly Varden - Bulltrout and several cutthroat! Jim and Terry arrived from elk hunting around 5 pm - no luck, hot and full moon. It has been very warm, in the 90° - warm sleeping.

Monday, Sept. 18

Worked on business emails - Matthews, Minshalls, Wertz. Tried to organize the place a bit. Worked on sprinklers. Refit Mic's split. Terry flew part of his family out then came back in, landing in some turbulent winds. We all went fishing, kind of slow... too windy. Had a barbecue.

Tuesday, Sept. 19

TERRY Halabetz and John and Teddy (boys) flew out this morning - in the rain. Got a call from the dean's office, Len Johnson regarding the FS flash flood assessment. It sounds like the FS has spread some "overcautious advice." At any rate, it sounds like the "end of the month research meeting" has been <sup>group safety reasons</sup> moved to McCall. Also visited with George Labar on this issue. Jim Pope and I hiked a way up Pioneer cr. to assess things. Jim Pope Sr. came in early afternoon to take out Jim & Janet. Did usual sprinkler, waterline chores.

Weds., Sept. 20

A plane came in this morning right after I moved the stock off of the airstrip. It was Rod Neilson with Jeff <sup>wildlife</sup> Rohlfman, Don <sup>Fish</sup> Anderson, and Al Van Vooran, <sup>Admin.</sup> from Fish and Game. Gave them a tour of the place, talked about the effect of this fire on the F&G resources. Worked (Mules broke into the yard, trashing the garden and generally "raising hell" at 16 pm.)

on firewood sawing (old poles), and wrote some letters. Ray finally flew Holly in at 6:30 pm. Began putting away supplies.

Thurs., Sept. 21

Holly spent most of the day sorting and putting things away, and catching up on bills. I did various outside chores: repairing fence by shop from yesterdays "mule invasions." Put a "mule latch" on old cabin gate. Sawn and stacked firewood. Changed sprinklers, and did other usual chores. It got cold and windy this afternoon. Nine deer in the pasture.

Fri., Sept. 22

Sent several business emails. Holly made multiple calls to the CNR deans office about the "moratorium" on overnight stays at TR due to the potential for Pioneer cr. flash floods. I finished pole fencing behind the woodshed and sawed and stacked more firewood.

Sat. Sept. 23

Eat up early and hiked up E. Pioneer Rd looking at the burn. I went up to 7,000' then out back to the "Big opening" at the Pioneer Cr. Forks. The drainage really torched although the side hill and bottom were the hottest.

Holly came up Pioneer to the stove camp then back down W. Pioneer Rd. She shot video along the way... 95% toasted. Once back I put shoes on Bo's rear. TERRY H. flew back in early evening. First frost last night, 27°.

Sunday Sept 24

Jim & Terry headed up Cliff Cr with the mules. I did the daily chores - water box screens, sprinklers/ditches, and weather. I took the day off to read & work around the house & yard. Dug potatoes and "moved" one of my tomato plants to the corral shed to see if I could get a few late Tomatoes from this plant and the one that has grown there all summer. The deer had "pruned" the tomato & raspberry bushes. The bears left TR 2 weeks ago.

Monday Sept 25

I wrote up and printed out new research display summaries for 6 projects & mounted them in frames. I checked out the old (IBM 286) computers, but couldn't even remember how to boot them up to look at old MS Word files! Reviewed research files. for Strategic Planning meeting on Saturday. Set up meetings with Nancy Matthews in Moscow for next week.

Tuesday, Sept. 26

Forest Service land surveyors Mike & Randy from Boise flew in to GPS a point for aerial ~~telemet~~ photography to be used by Salmon-Challis NF for new ortho photo quadrangles (unfortunately the photos were taken pre-fire). Emailed Art McKee, Blue River for names of people to advise us on automated flood & debris flow detection & warning systems. Coordinated with Nancy & G LaBar on meeting agenda. Jim & Terry returned from Cliff Cr.



Wednesday, Sept. 27

(several billings to Lynne K.)

Worked on mail and email this morning.

Did usual irrigation and water box chores.

RC came in around noon and Holly went radio-tracking for 1 hr. 40 mins.

Thursday Sept 28

Wayne Minshall & Kate & Christina flew in early from Challis, dropped off gear, then flew to Cabin Cr to survey macroinvertebrates in Cave Cr. Wayne didn't understand our emails about the trail being impassable to horses/mules & had hoped we would pick him with stock. I mapped out 21 telemetry locations - on cougars, wolves, bears, and bighorns. The Rush Creek ♀ Cougar is still missing after 2 flights - died in the fire? Emails to Jory, Curt M etc. I installed the rebuilt hot water heater in the lab. Jim cleaned the lab, outdoor winterizing chores, and sawed logs out of the trail. Received his hound transect manuscript back from Intntl. Bear Assn - more final edits!

Downloaded met station data from the summer then spent 3 hours making graphs of weather data during the week of the forest fire - strong winds, shifted to easterly, no high humidity at night post fire, barometric pressure dropped.

Friday, Sept. 29

Spent a lot of the day getting ready for tomorrow's meeting, cleaning our place, the grounds, and the lab building. Wayne, Kate, and Christina arrived early afternoon from sampling Cave cr. Shortly after the trail crew - Jim, Heidi, Blaine, and Shane stopped by. They have cleared the trail from Cabin cr. to here... it took 4 days with all the logs and wash outs. Began figuring out jobs for Troy for the period we are gone... capitalizing on his carpentry skills.

Saturday, Sept. 30

The Islander flew in at 9:30 packed with people for the meeting on future research. <sup>The</sup> People are: George Labar, Ed Krump, Jim Peek, Wayne Minshall, Oz Garton, Greg Hayward, Gary Evans, Mike Scott, John Seideasticker and Holly and I. We talked over various topics, plus Greg, Wayne, and John S. talked <sup>gave a slide show</sup> about their past work. Holly & I and Jim Peek also discussed our past & present activities. George led the meeting and we also talked about post-fire opportunities and "research focus." During a break we hiked around to the sagebrush flat... now the "black flat," and then up Cliff Cr. We wrapped up the meeting @ 5:00 and the group + Holly flew back to McCall in a 206(AR) & the Islander (G. Dorris). Kind of squally this evening. Steve, from MF Aviation, came in at 7pm and took out Wayne, Christina, and Kate. He did a shuttle to Cabin Cr. since they had a lot of gear and some things stashed at Cabin Cr.

Oct. 1, Sunday

It rained hard last night (.71 by 8 am), another  $\frac{1}{4}$ " by 10:00. Pioneer Cr. rose approx. 6", and turned a bit turbid. I shut off all irrigation intakes and the east side water line. I took down part of the diversion dam on the west water system. By noon Big Cr. was a black slurry, it had come up a fair amount also. I was awake from 3:30 am on listening to the rain hitting the metal roof hard... wandering - worrying what was happening on up Pioneer Cr. R.C. flew Holly in late afternoon. She had been meeting with the Strategic Planning group at the McCall Field Campus. Once she got situated we took water samples in Pioneer, Rush, Big, and Cliff Creeks. Holly also took photo point pictures - for Wayne Minshall.

Oct. 2, Monday

Pat Armstrong flew in this morning with Tri Robinson and Peter (from Australia). They came in to help with fence work. We moved the lower pasture gate to the east end fence line. We pretty much salvaged the entire gate and frame. We attached the structure to a burned tree and stump. It looks pretty good but still needs some "fine tuning." Holly spent the day processing tomatoes and peppers sent to us by Newt and Sharon from Yellowpine Bar, when Pat flew out he detoured up Pioneer cr. and said there had been a few mud flows coming off the east Pioneer Ridge line... down to the bottom. Visited with Troy about coming-in matters and the Schlegel's about staying Tues. night with them. We replaced the Taylor cabin inline water filter... it was plugged with ash.

Oct. 3, Tuesday

Spent the day preparing to go out... putting business and personal things together

and getting lists ready for Troy. Cleared the ash slurry out of the sprinklers and restarted. Did weather reporting for month. Sharpened little chain saw and emptied small barrel of gas into various implements. Water system much clearer from Pioneer Cr. Caught a woodrat<sup>Ⓢ</sup> old cabin back porch, reset trap there.

Oct 4th - I (Troy Rohwedder) arrived yesterday to cover the ranch for a couple of weeks. Spent the AM walking around and looking at things. After lunch I built 3 window screens for the lab building. Noticed a different sound from the Hydro - I shut it down cleaned the jets and it resumed (at 15amps). Then the mules ~~to~~ opened a gate and headed up to the BByrne Pit - coaxed them back into the main pasture - started to hear the same sound from the hydro again. Shut it down, pulled the jets, looked up to see Rocky ~~watching~~ looking in the door

of the hydro - then Crocker passed by,  
they opened the shop gate this time,  
called Jim about the hydro - suggested  
I replace the Alternator. Rounding up  
the donks. Dawn the guide stopped by  
to use the radio. kept working  
on the Hydro - brushes on the Alt,  
were gone - just springs left. Its  
dark now and I can't find the  
tool I need - - so I'm going to call it  
a day.

Oct 5 - Awoken @ Dawn by Bear Thumping  
on the compost barrel - went back  
to sleep for another hour. Made  
some coffee and went outside to  
check the weather station - smelled  
kerosene! The bear had hauled  
the container about 100 yds above  
the Taylor cabin - punctured + empty, I  
hauled it back down. Spent the  
AM working on the Hydro - seems to  
be working fine. After lunch I installed

New window @ The old Cabin, fixed the porch and built new pipe rack for the shop. Caught a pine squirel in the wood rat trap - had a successful release - I was scolded <sup>sp</sup> the rest of the afternoon.

Oct 6th ~ Friday Worked on fence and gate (lower Pasque) in the AM. checked water intake at noon - goshawk w/ grouse, plucking feathers and dropping them in Pioneer Creek. Cleaned feathers out of the screens. Worked on signs in the afternoon. Think I saw a winters wren behind the shop - seemed too dark for a house wren. Hiked up river this evening.

OCT 7th ~ Saturday About 9:30 last night I heard the hydro from the Taylor Cabin - went down and checked it out - no output from the generator - shut things down and diverted some flow to Pioneer Cr.



This morning I pulled the generator  
The new upper brush had fallen apart.  
Replaced the brush assembly... and still  
no power? checked fuse on generator  
figuring maybe when the brush + spring flew  
apart it short circuited... it was blown.  
Spent a lot of time looking for a  
replacement fuse - never found one.  
oiled the new Taylor Ranch sign, cut a  
little linewood, peeled some poles.

Oct 8th - Sunday

Batteries a little low this morning - concerned  
about the freezer in the basement. Made  
a fuse holder that could be adapted to  
the one on the generator - using fuses  
from the tack shed solar system.

Bolred the Taylor Ranch sign to the bridge  
gate. Read for a couple of hours. Peeled  
some poles. Cut out pieces for the  
lab display boards. Paisy + Penny are  
very aggressive towards the deer in the  
pasture this evening. The guy @ China Bar says it's  
supposed to rain all week!

Oct 9 ~ Monday

Another nice day. Worked on gates for  
lamb shed and barn in the AM.

Talked to Arnold about getting the correct  
lenses for the hydro flown in on Wed.

After lunch I made a sign for the  
east entrance to the ranch and finished  
the sign board for the lab. A plane  
circled a few times around 1pm - I moved  
the stock... guess they were just checking  
out the burned someones? Rick from  
the "B" radioed in the PM to say Hello to  
Jim + Holly. Clouded up in the PM.

Oct 10 - Tuesday Overcast - rained some  
in the afternoon. Oiled the display  
board for the lab in the AM. Worked  
on a chair for awhile. Took a break  
while it rained and read the Caswell  
diary for a couple of hours. Set  
the rat traps in the lab. Worked on  
the chair some more. Don stopped by  
to use the radio. Ray flew some cubes in.

Oct 11th - overcast off and on... actually most of the day - rained some in the afternoon. Mail plane never came in? saw a couple of Arnolds flights to Soldier Bar. Built the side racks for the small stone boat. Put ointment in Rocky's eye - it was getting better... seemed worse today? Don stopped by to use the radio. Nancy Mathews called about the meeting @ Taylor on the 20th of Oct. The wood rat in the attic of the lab turned out to be a pine squirrel - I released it, but it was pretty messed up - so I dispatched it.

Oct 12th - Rained all day - snow at higher elevations. Spent the morning reading. After lunch I tried to go work in the shop. started to have some bad stomach pains. Walked down to look at Big Creek - increased heart beat and shortness of breath? Went back to the cabin and laid down for awhile. Kind of strange?

Oct 13th ~ Rained all day (snow down to the 3rd bench at one point): Felt pretty sick this morning - considered calling a doctor. Ate some oatmeal, rested, read. Felt better in the afternoon - worked on the window screens walked downstream anyway. - Ran into Dan - riding up to use the radio - has a hunter w/ a flight out of Boise tomorrow. I don't think he's going to make it. Showed some of my carrots w/ the mules this evening. I had to show cricket that all of my pockets were empty before shed leave me alone. Think I'll watch a movie this evening.

Oct 14th - ~~Friday~~ <sup>Saturday</sup> Overcast, broke a little in the late morning and early afternoon. Saw a few planes go by. Worked on the screens some. Still feel pretty sick.

Oct 15 Sunday - Turned out to be a nice day. Big Cr has more color in it today. Pioneer & Cliff are still clear.

walked around to the sagebrush bench - noticed a little green-up. Still under the weather a bit. Installed screens @ the lab. Worked on H<sub>2</sub>O intake. Brought the stock back from the lower pasture? I was trying to figure out what they're eating? Did some landy (hoping to attract some bears). Cleaned up the lab from my projects -

Oct. 16, Monday

Holly and I drove from Baker to Cascade with a stop in Boise to visit Dr. Johnson. Doc gave us Jess Taylor's custom riding saddle which we will display in the lab-museum. Did grocery shopping for the crew coming in to pick up building debris. Flew from Cascade to TR @ 3 pm. Troy still not feeling well. We radio-tracked coming back in, found 3 sheep coming back down Rush Cr., still no bears on the Rush Cr. P. While in Cascade I visited Howard Q. about the project, funding looks good. Spent the evening putting things away.

- While in Moscow last week we met with Chuck Hatch and Len Johnson regarding flood abatement issues. We also met with Dick Bottger about fire insurance and budget issues.

Our trip out was plagued with misfortune. First, we were in a jetboat that struck rocks and tried to sink, then we had an axle break on a firewood trailer on I-84 near Portland... while going 65 mph. Lastly, our pickup rolled out of a parking area, while "warming-up," and into our friends canopy - bad luck, good to be back safe and sound.

Oct. 17, Tuesday

Spent most of the day <sup>(early-late)</sup> catching up on paper work and preparing for the clean up crew to arrive tomorrow. Sent several emails too.

RC. Flew in mid morning with Mark Browning from Channel 6 in Pocatello. He interviewed and filmed us about our fire experiences here and at the flying B Ranch. RC returned mid afternoon and took Mark out.

Oct. 18, Wednesday

Spent the morning on mail related business. Holly sent billing info. to Lyane K., and emailed Karta about Research Atty. Notes. Ray flew in with Crystal and Jon with the mail. He took Holly and Crystal up radio tracking. Jon and I, and Crystal later, repaired the rail fencing east of the bridge... which the stock rolled over a couple days ago. At 5pm George <sup>(? Susan)</sup> Dorris flew in with the remaining crew - Chris McDaniel, Jeremy Kleinsmith, Ken Hobson, Sam Cooney, Reman Bagley, and Jennifer Newcomb. Holly made a big pot of stew and bread for everyone.

Oct. 19, Thursday

We got an early start on the cleanup... bagging small stuff, smashing roofing material, and bundling the rest to be hauled to the airstrip with Rocky and the single-stow boat. We made 3 big debris piles and burned that. The charred material that didn't (or couldn't) burn

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was hauled up to an old dump site by the team and double-boat. By the end of the day we basically were done! Put several hoses up for the winter.

Oct. 20, Friday

A busy morning with several planes coming in for the Flood Risk meetings: Terril Stevenson (Emergency Watershed Program Manager) <sup>(EWP)</sup>, Rob Sampson (State Design Engineer) and Art Shoemaker (State Conservation Engineer) flew in for Natural Resources Conservation Service (NRCS); and Clem Pope and Dave Kennell (Forest Hydrologist) from Payette N. Forest; and John Buffington (Asst Prof. in UI Ecohydraulics Group) <sup>and Ed Krumpke</sup> for UI. Pilots John Reed, Rod Neilson, and Doug Gadwa hung out at our cabin during the day of meeting. The FS (Dave) presented their Burned Area Evaluation Report (BAER) - mostly seeking funds to protect FS trails & airstrips, also an evaluation of the extreme danger to life & property at Taylor



Ranch due to the Diamond Point Fire burning Pioneer Creek severely. - no mitigating actions offered for TR. NRCS discussed its role (Terril & Rob) and willingness to help TR to prepare for & minimize damage to structures (& bridges & airstrip & water system) and come up with a safety & evacuation plan. We watched the video of the Pioneer Creek drainage I made a few weeks ago and toured the facilities. Ran out of time for a hike<sup>to</sup> upstream Pioneer Creek.

Most of the student crew worked with crosscut saws and cables to remove a large log from Pioneer Creek above our water intake - to prevent a debris dam and washout of our water system.

Sam, Renan, & Jennifer hiked up Pioneer Cr. - they found a set of wolf tracks & hair, plus a young cougar track. Jim et al used the mule team ~~to~~ <sup>human</sup> muscle power to move <sup>the</sup> logs on Pioneer Cr. Spaghetti & cheesecake night & margaritas!

Oct 21, Saturday

Sawed some firewood on the slope east of water boxes, put segments into 8' lengths. We used a combination of people power and Rocky in harness to move the logs down the E. side of Pioneer to the old cabin. After lunch we saddle all our stock and rode up the benches to check out greenup and look for sheep. The 1<sup>st</sup> and 2<sup>nd</sup> benches are coming up nicely with bluegrass, 2-3" high. We rode onto the timbered bench in a snowstorm, this flat is "lifeless" - it burned really hot. Tried for a signal on the wheat thin bear - no luck. We did get a signal on sheep #054... 3<sup>rd</sup> bench area. Crystal made stuffed pork chops for dinner, plus many other dishes... made by rest of crew.

Oct. 22, Sunday

Ray made 2 trips in today to take out the work crew. He brought in 10 more bags of cubes on the first flight. Discovered

that the airstrip sprinkler system had frozen, hauled the hoses to the main pasture to thaw 'em day. The crew killed a woodrat in the lab kitchen this am. before breakfast. Holly and I went fishing late afternoon, we caught a couple whitefish but no sign of cutthroats.

Oct. 23, Monday

Holly spent the day on the computer... doing ranch emails (Nancy M. on fire meeting), and revising the firestory etc. I burned 3 brush piles (big ones). Put away hoses... the last of them! Cleaned up paperwork piles on my desk. 3 Zettel pack strings came down from Cliff cr. today - 20+ head total and 8 people. Witnessed a rockslide coming off the burned face of Horse Mtn. this evening, it made a lot of noise but stopped shy of the trail.

Oct 24 Tuesday

A full day of emails; FS flood concerns, WI <sup>Jim's</sup> resumes, WI electrician needs list, F&G greenup, Intern pay, HWI houndsman availability. Emailed a book publisher in Montana interested in using our fine story in a book on the fires of 2000.

October 25 Wednesday

Holly finished vita update for the III Presidents office for the President's Medallion Award we will receive in December. Jim sent cougar capture renewal permit to IDF&G. I talked to Mary Mellema of NWS about a <sup>flash flood</sup> warning system for us next summer by NWS climatologist - it doesn't look too likely. Jim called Bill Lind of NMFS & Dwane Mitchell of Army Corp. <sup>about removal</sup> of 2 gabions.

Rick Craiger & Jim Wallen flew in for a week to visit & help us with projects. Jim showed them around the ranch. Bighorns on the benches (# 54 ewe has arrived from Big Cottonwood; she was above west Fork Rush Creek last Wednesday). Wayne Minshall & crew - Kate, Christina, Rubin, & Kerry flew in at 6 pm. to do late fall aquatic invertebrate sampling. <sup>outdoor writer</sup> Jim visited with bowhunter Dwight Schuh & showed him access to sheep hunting below Ship Island.

October 26 Thursday.

Worked on phone bills from 2 months. We measured Rocky & Daisy for the new harness. Jim & Rick & Jim worked on firewood then built a log / lumber wing wall in front of the hydro shed to divert mud or water from a direct hit. No emails sent OR received today! - Its a first! Dan of Steve Zettel's outfit stopped to use the radio - 2 hunters shot rams on Horse Mtn in 2 days. Visited with the ISU crew after dinner.

Oct. 27 Friday <sup>Conthourihan stopped to visit a few hours on his way from Soldier Bar to Rush Point.</sup>  
Rick, Jim & I spent the day bridge elevating... middle one on Pioneer cr.

Jack Walker flew in mid morning, we'll spend the night. Holly and Rick flew telemetry with Ray, still could not find the 2 bears.

Used Rocky and Daisy on the stoneboat to haul dirt, from the inner foundation of the bunkhouse. Also today Ray flew in 12 bags of cubes, 1 propane, a wall tent & 6 coats. Wayne's crew up for Margarita's.

Oct. 28, Saturday

Awoke to no-mutes this morning so we searched... and searched. Jack W. left after a sourdough pancake breakfast, Jim W. hiked to the booserneck, then came back to report that the stock had gone on. After lunch Holly, Jim, & Rick went afoot to Cabin Cr. to retrieve the wayward gang. Wayne, Rubin, & Cary worked with me putting up firewood... sawing and stacking wood for Arlow's and the duplex. After they sampled aquatic invertebrates in Rush Cr. 9 bighorns (4E, 2L, 1YR, 1II, 1III) at Lobauer Lamb cliffs; 6 bighorns (5E, 2L) at Lobauer Basin. Cougar tracks at Rush & Mule Basin; bobcat tracks at Rush Cr beach. Festus mule showed up from Zettel camp downstream.

Oct 29 Wayne's crew hiked to Cave Creek to sample and Jim & Rick & Jim packed their gear to Cabin Cr & Cave Creek. Middle Fork Aviation picked up the ISU crew at Cabin Cr. I spent the day catching up on phone bills



and purchasing administration; cleaned out water inlet screen (every 2-3 days).

Oct 30 Monday

Jim, Jim, & Rick rebuilt the gate & fence line on the west end of the property on the trail - no more mule escaping! George of Zettel's crew came down from Cliff Cr to borrow hay cubes until their weather delayed flight to Soldier Bar tomorrow. He took Festus mule with him. Dan came up from the Zettel sheep camp downstream to get Festus at the same time. They stayed long enough for a brownie & radio call to their base. Forest Service crew Shane, Travis, and Monica flew in to take the Cliff Cr. bridge out. They confirmed that Clem said the bridge will be replaced. We invited them to stay in the lab.

Last night a large black male bear scratched on our bedroom window screen, bumped the front door, rolled over the composter, and bit holes in the water sample cooler. Jim shot a judo arrow at the bear.

Oct. 31, Tues. (Halloween)

Last night the bear visitor attempted to climb into the lab, actually opened the window and was poking his nose in when the FS crew battered him into a change-of-mind. Holly, Rick, and Jim rode 3 miles to Duce Cr., still no bear signals. The FS crew continued dismantling the bridge and about finished. Ray A. flew in with cubes & grain. I used Rocky and the stoneboat to move feed to the corral shed and then haul a couple loads of boards from the dismantled bridge to a pile site by the duplex. Steve Z. stopped by to visit en route to Rush Pt., Matt also stopped in to use the radio.

Nov. 1, Weds.

Weather a bit squally this am, even a light snow fell. Ray flew in mid morning with Jay Mize the horseshoer, he took out friends Rick & Jim and left Jay for several



hours. Jay put traction <sup>-boots-</sup> shoes on the 5 head. The FS crew - Shane, Monica, Travis finished the bridge dismantling. Went through the mail. Ray came back @ 4:30 and took ~~Jay~~ out. The FS crew came over for popcorn this evening.

Nov. 2, Thurs.

A MATCO plane came in this morning to take out the FS crew. Holly finalized the auto met. station infor. and <sup>sant</sup> email to Rick Ochoa (Fire Meteorologist with the N. Weather Service). I did several outside chores... burning, tool repair/sharpening etc. Brought the stock back from the lower pasture. Heard 2 shots this afternoon, believe it was a mature ram that we watched mounting a ewe on the first bench. Must have been Steve Z.'s hunter. We did see several people, 2 pack strings go by <sup>(up cliff)</sup>. I (we) do not think the sheep season should have been extended to fake in the rut! 34 bighorns on East Knob

Nov. 3, Friday

A cold morning. Mutes & Bo broke down the fence in front of Arlow's... we repaired it. Holly cleaned house - floors. I hiked to 2<sup>nd</sup> bench where there was a lot of bird activity. Found a sheep gut pile and the carcass hung in the trees to the E. of the swale. The tag was punched and the name Daniel Reece was on it. No game bags on the meat so I flushed birds and waited an hour (till 11:00) to see if anyone showed, at that time I saw the packstring coming so I left. Worked on bear paper revisions (into evening, HA too). Sent many business emails: Matt Jones, Nancy M., K. Makus, S. Cooney, Ivy Knoshung, Jeff Rohlman.

Nov 4 Saturday

Jim drained airstrip irrigation line. I read JWM & Wildlife Soc. Bulletin. We discussed Predation project hiring & planning. Jim went deer hunting with his bow in

pm. Mica & I went up Pioneer Creek to see whether any erosion or mass wasting had occurred in the last month. We found an eroded draw (18" x 48") NE of the fork and most granitic soil slopes had slid downward. Found a 5pt bull probably burned in the fire. A blizzard hit with blinding snow and many trees falling down. I had to hike back home up over the cliffs and through very steep & slippery frozen burned off slopes to East Pioneer Ridge. Arrived 2 hours after dark - Jim had been concerned about a tree falling on me. Bo scraped up his back pasture when he got tangled testing out the new 3-way hobbles - Jim doctored him. 3 big branches fell in front of the duplex, and a cottonwood tree blew over by the tack shed. I saw a bobcat by the orchard.

Nov. 5, Sunday

I worked on bear paper edits. Continued doctoring Bo's hobble injury. Many sheep on the benches ( $\pm 40$ ). Had a dusting of snow last night. Holly baked bread and cookies.

Nov. 6, Monday

Doug Badwa flew in this morning with the 2 electricians, Ray and Brian. After visiting <sup>(about jobs)</sup> awhile, they went to work. I sawed up the wind damage limbs at the duplex and the Cottonwood tree at the tackshed. Did the usual chores, doctored Bo's lower leg. Had Ray and Brian over for popcorn.

Nov. 7, Tuesday

Bill Scherer with S.P. Air flew in with Rob Sampson, NRCS and Chuck Slaughter - Prof. @ UI-Boise in Nat. Res. Engineering. Rob did some survey work along the gabion wall on Big Creek and then on up Pioneer Cr. Holly, Rob, and Chuck hiked a mile or so up Pioneer Cr. Rob and Chuck thought that all the rock, and geologic type, up Pioneer Cr. would be beneficial to stability. I waited most of the afternoon for

Ray to fly in and shuttle cubes to Dewey Moore... he decided not to come. Bill flew out Rob and Chuck @ 5pm. Ray and Brian continued the electrical work. Holly made spaghetti dinner for all.

Nov 8 Wednesday.

Snow started falling at 8am and continued lightly all day. No mail plane, <sup>so</sup> and Kerry Murphy couldn't get to Taylor Ranch. Jim filled out the copyright application for our fire story and sent the story & letter to Tom Fenske, a publisher in Billings who asked if he could include our story in his book on the wild fires of 2000. Jim spent the evening on edits to his bear transect paper. I sent a thank you note to John Seidensticker for the tiger book. Sent emails on NRCS visit, TR directed studies, Christmas caretakers, etc. Ray & Brian finished up electrical wiring - our kitchen is really bright, basement & attic lights are nice too.

Nov. 9, Thursday

Awoke to 5" new snow. Communicated with Interstate Av. and McCall A.T. about "conditions." Rolloed the airstrip with Rocky and Daisy. Actually, we drag the strip because the snow was too gummy, and only did a small swath because it wasn't compacting well. Rod from McCall came in and shuttled Ray and Brian to Grangeville. Holly worked on the statistics of my bear paper for me. I constructed a drag, partial plow, device to pull with the forecart. Cascade stayed unflyable all day so friend Murphy never made it in.

November 10 Friday

Worked on cabin witerizing; washed <sup>antifreeze</sup> pillowcases, dishtowels, bedding from all cabins & replaced. Drained plumbing in the lab + antifreezed. A valve (irrigation) outside the lab had already cracked from freezing. Jim installed the winter dam on Pioneer

Creek for water bucket use. 16° last night. Emails to Matt & Mike about winter employment on the predation project and December post fire work at Taylor Ranch. Kerry finally got to Taylor Ranch in late afternoon. We got a surprise package from Terry & Diana Holubetz and Jim & Janet Pope: a DirectTV satellite system! We had corresponded with Jim Becker about Direct TV this past week & were interested in the system. With the flash flood potential from the fire aftermath we really need to keep track of weather forecasts (TV or internet or radio).

November 10 Saturday

Winter water box problems started this morning. Jim made the first of 3 trips to the intake to restore running water at 4:30 AM. It's the usual slush ice problem of early winter — subfreezing



Water slows & solidifies on the intake screens, blocking flow. Jim & Kerry went bowhunting for deer. They saw a lone bear cub at Cliff Cr mouth - a fire orphan? Lots of coyote tracks around TR. I worked on computer mgmt - deleting unnecessary files & updating. Ray A. flew in with our mail bag (forgotten yesterday). We celebrated Kerry Murphy's birthday.

Nov 12 Sunday.

No water again this am: cleaned slush ice from intake screens and connected the generator to the inverter and ran the oil heater several times (1/2 hr each) to raise temp to 60°. I winterized our water system - put 6 plastic bags of insulation in valve boxes, drained 3 outlets faucets, drained & antifreezed the west side of the Duplex. The system should be ready for deep freezing



Jim spotted the brown bear cub again - it was feeding on bitterbrush (scorched) tips at the mouth of Rush Creek. We took 15 pounds of dogfood & grain plus a little bacon to the area and left it for the cub. Jim & Kerry spent the day deer hunting again - they have seen <sup>3</sup>2 does in 2 days of hunting.

Nov. 13, Monday

Holly <sup>2 mice</sup> went back to the bait site... she saw bear (cub), bobcat, and coyote tracks there. Kerry and I took 3 head of stock up Goat Creek in search of deer & elk. Saw 7 deer and > 7 elk. Kerry used my muzzle loader to shoot a 2pt. buck, the only ♂ deer we saw! Got to TR @ dark and Holly had made a great dinner, getting cold!

Nov. 14, Tuesday

The weather was bad today, especially in Cascade. Ray was going to fly telemetry, but couldn't. Holly worked on billings etc. Kerry and I installed the new satellite TV dish. It was quite a chore to get the dish oriented to the satellite properly, but we did, and by bed time we had "service".

Nov. 15, Wednesday

Better weather today. Did chores and prepared mail. Ray came in mid afternoon and took Kerry out. He brought in 8 bags of cubes. Put things away and went through the mail... a big bag this week. Rans battling heads on the P<sup>+</sup> bench. We finally seem to be getting away from 4x a day water line work, now that we have an ice-cap over the water trough. Our next problem will be freezing in the outlet pipe.

Nov. 16, Thursday

Most of the day was spent on my bear paper, Holly reworking stats., me doing working edits. Holly visited with Brian from our satellite company several times, we still do not have email... nor can we call Moscow. Ray flew in late afternoon, first dropping off 12 bags of cubes at Cabin Cr., then coming back here and taking me up for 40 mins. of telemetry. Sent out several letters - Popes, Holabz and Mike Knosberg about winter work. Holly also worked on phone bills

Nov. 17, Friday

Saddled the stock, loaded 8 bags of bear cubes and headed to Cabin Cr. At Cabin Cr., I also shuttled the 12 bags from airstrip to cabin... ending up with 20 bags stored. Set trap for woodrat. En route up I saw many cougar tracks... ♀ w 2 kittens and a lg. ♂ track. Counted 6 places in Cabin Cr. vicinity where people had dragged deer off the hillside. There

is one mega-camp by the airstrip, and 2 smaller ones. Got back to the ranch @ dark. Holly still is making numerous corrections on my paper. Today she talked twice to Dick Prottyer about our email disconnect. It appears it is a UofT problem.

Nov. 18, Saturday

Holly and I spent the morning on my bear paper. Still no email. In the afternoon Holly made a dinner for the Root Ranch group (4) expected to show up late afternoon. Much traffic on the trail as Steve Z's crew pulled their Cliff Cr. camp. The Root crew, with 31 head of stock showed up at dark. It took them 10<sup>+</sup> hrs. to come here via the Cave Cr. trail. Got the crew, and stock, fed/situated and all hit the sack early.

Nov. 19, Sunday

We got up early (4:30) to prepare breakfast for the Root R. crew and see them off. They were saddled, loaded, and out of here by 8am. Went back to bed for a bit! Ray A. stopped in with 4 propane and a package for us. Wrote letter to Mike Vaughn on bear paper revisions. Cold and a tear today.

Nov 20 Monday

Still no e-mail or phone service to U Idaho - phone is fine everywhere else. Called UI to investigate the problem further. Jim printed & mailed his Strike Dog Bear paper to Ursus journal - final edits. I sent out the Prosnik small claims file for copying & mailing. Jim did the usual stock, weather, waterline, firewood chores. I'm recovering from a cold. Jeremy flew in mid afternoon. Ray Arnold cancelled the hay cube flying to Acorn strip and telemetry for the 3<sup>rd</sup> or 4<sup>th</sup> time! He says tomorrow; We will see. I worked on predation budget.

Orphan bear cub @ Acorn  
(black) airstrip

Tuesday Nov 21

I prepared gabian baskets to take to Dewey Moore Airstrip (disassembly). Ray flew in & we took 4 bags cubes, the wall tent, and 2 gabians to Dewey Moore (Acorn Creek).

Ray had dropped off 10 bags of cubes en route to Taylor earlier in Am. We reassembled gabians and put cubes in gabians and faced them closed for protection from elk.

Flew telemetry - located C. Pack at the mouth of Chamberlain Cr.; Cabin Cr ♀ & ♂ cougars near Cabin Cr airstrip & cougar hunters!; Cliff ♀ on Acorns. Setway wolf at Towhead Basin. <sup>I thought</sup>

The Dewey Moore flying was the 1<sup>st</sup> Ray A had done in many years <sup>(later found out he flies there since an <sup>of</sup> <sup>several</sup> <sup>times</sup> <sup>in</sup> <sup>the</sup> <sup>past</sup> <sup>year</sup>)</sup> - Since an accident there. Scary to fly in after that, but all went well. Ray took out <sup>burned</sup> <sup>cabin</sup> <sup>debris</sup>

Travis, Joe, and Justin + 31 head of stock trailed in (MileHi Outfitters) to spend the night on the way to Meyer's Cove, Jim & Jeremy went muzzleloader hunting for the day for deer - lots of activity. Nice visit with Trav & crew in pm.

Wednesday Nov 22

Jim & Jeremy & I organized camp gear and put together 9 mule loads for Ray to drop off at Dewey Moore Airstrip - food & camp gear. Hanley & dog Mack flew in on the mail plane & Ray took the gear to Acorn. We - Jeremy & I put together a Thanksgiving dinner and we celebrated a day early. Still no phone or email to Moscow.

Thursday Thanksgiving Nov 23

Everyone saddled mules & packed up gear for Acorn trip. Jeremy's holding down the fort at Taylor Ranch while Jim & Hanley & I put up the Acorn camp.

I, Jeremy, spotted 10 big horses at the base of Horse Mountain, it's starting to cloud up, looks like we may be getting some snow tonight.

Friday, Nov 24

Woke up to an inch of new snow.

Kept fires going in the duplex and at the Taylor cabin. Spotted nine Bighorns

that crossed cliff creek from the east side. They ran up the base of horse, then circled back behind. I took a short walk down the airstrip, took some pictures. They came back and worked on Chemistry, yeah!! It got pretty warm. Most of the new snow on the benches melted off already.

Saturday Nov 25

J&H & Hanley got the Acorn camp set up on Thursday, then finished camp organizing and firewood cutting, outhouse installation etc on Friday. Rode home Saturday. We saw bobcat tracks, coyote tracks, bear tracks, and cougar + kitten tracks in the new snow, and saw <sup>tom</sup> cougar and 6 bighorns — no deer or elk around. Jeremy had a big pot of turkey soup made at Taylor Ranch.



Sunday Nov 26

Jim, Jeremy & Hanley cut up a new firewood log that lodged at the end of the airstrip when the ice went out (1st time this winter) on Friday. Jeremy interviewed Jim on his traditional archery interests - for a RRT class. Mica & Mack (dogs) chewed the nose <sup>bone</sup> off my <sup>(last year's)</sup> point bull trophy that I had planned to make into a European Mount. Hanley & Jeremy flew out mid afternoon. Jim & I discussed the predator project & upcoming meeting and made plans for Janet Hohman to caretake for us next weekend. The ice went out in the late afternoon - just as the escaped mules crossed Big Creek below Taylor Ranch. Jim brought them back. I caught up on laundry & mail.

Monday, Nov. 27

Holly called Moticut again about our email and finally we got it back on... after 17 days we had 47 messages! I went hunting, missed a big buck w/bow... during a heavy wind and snow storm. Holly responded to emails.

Tuesday Nov 28

I spent the day on Hornocker Wlf Inst administration - wrote up a budget (\$67,000) for this winter's predation project after reviewing expenses/receipts from last year. Wrote up a winter monthly plan/work schedule. Last night I wrote up the research hypotheses & tests and determined what our priorities/needs are for this field season. Jim sent email responses and mailed off photos & negatives to Tom Fenske for his book on the forest fires this summer. Steve Cope - Middle FK Ar. flew in a load of hay cubes from Steve Zettel and picked up a load of their camp gear they dropped off yesterday. Jim went hunting in the pm with his bow... saw nothing. Coyotes howled behind the cabin again tonight. They must have a kill nearby. Also this morning Bo escorted a large ♂ coyote out of the pasture, he was by the haystack.

Wednesday Nov. 29

Holly and I rode up to Cliff Ridge. We saw many deer and sheep, still using the ceanothus brush on the Cougar cr. side. We also saw the big buck I missed w/ bow 2 days ago. He was with several deer on the Cougar cr. side. Nothing was shot(at). Spent the evening on our annual "project plan"... budget, schedule, and research hypothesis'(6).

Thursday Nov. 30

Holly prepared to go out, putting many lists together, plus paperwork for our meeting with Howard Quigley and John Beecham. I too made list(s) of purchases, things to do etc. We really need to be out longer to do it all!

Slipped out hunting this p.m., saw several does (7-8) up E. Pioneer Rd. Responded to many business/personal emails in the pm, and went through the mail bag... sorting "junk from bills."

FRIDAY DEC. 1

I (JANET HOHMANN) FLY IN WITH RAY AROUND 4 pm.  
LAST TIME I WAS HERE THE GROUND WAS BLACK! NOW IT'S  
WHITE. HASTY HELLOS & GOODBYES TO JIM & RAY.  
THEN MICA SHOWS ME AROUND, & WE DO EVE. CHORES IN  
THE GATHERING DARK. WALK DOWN AIRSTAIR AT DUSK.  
SPEND EVENING READING.

SATURDAY, DEC. 2

LOW CLOUDS THIS MORNING, HANGING JUST ABOVE  
THE THIRD BENCH, NO SURPRISES DURING MORNING CHORES  
CHECK-IN W/ JIM VIA PHONE & ARNOLD'S WITH THIS WEATHER.  
SPEND THE MORNING & INTO AFTERNOON WITH LITTLE JOBS  
& TAKING DOWN THE NORTH PASTURE FENCE. VERY PLEASANT  
DAY, CALM & CLOUDS BREAKING UP BY 2 pm. NO SHEEP OR  
OTHER BIG ANIMALS SEEN, THOUGH I CAN HEAR SOMETHING  
ROLLING ROCKS DOWN THE SLOPE ABOVE THE PASTURE WHILE  
I WORK. KINGFISHERS & A DIPPER ALONG BIG CREEK.  
AFTER THE FENCE JOB, MICA & I WALK A SHORT WAY UP  
PIONEER CR. THE SNOW MAKES THE TRAIL SLICK & HARD  
TO SEE THE PITFALLS, ETC. FRESH COYOTE, RABBIT, GROUSE  
TRACKS BUT NOTHING MORE. WRITE A FEW CHRISTMAS  
CARDS & READ IN EVENING.

SUNDAY, DEC. 3

BLUE SKY THIS MORNING, WITH A FEW THIN CLOUDS. MAKE THE MORNING ROUNDS, THEN WORK A LITTLE ON THE WOODPILE. I SEE SEVERAL SHEEP ON THE UPPER BENCH SO OFF I GO TO PESTER THEM. A BEAUTIFUL, CALM DAY. HIKE UP INTO THE SUNSHINE & FIND: 8 SHEEP (6 EWES, 2 LAMBS) EAST OF THE SECOND BENCH; 2 YOUNG RAMS (<  $\frac{1}{2}$  CURL), 7 LAMBS, & 12 EWES ON THE SLOPE ABOVE THE 3<sup>RD</sup> BENCH; 4 MORE EWES & 2 LAMBS FARTHER ABOVE THEM. TAKE SOME PICTURES, THEN CONTINUE UPSLOPE TO THE SADDLE ON THE RIDGE BETWEEN CLIFF CA. & SOME BRANCH OF COUGAR CR. 4 MULE DEER JUST OVER THE SADDLE IN A MELTED-OFF HILLSIDE. 1 SET OF SMALLISH COUGAR TRACKS ON TRAIL JUST BELOW SADDLE MAYBE ABOUT 2<sup>?</sup> DAYS OLD. ADMIRE THE VIEW BUT AM TOO LAZY TO GO HIGHER UP RIDGE TO WEST, THEN BACK DOWN PAST THE VARIOUS GROUPS OF SHEEP & TO THE RANCH BY 4. MORE READING & WRITING THIS EVENING.

MON. DEC. 4

LOW FOG (2<sup>ND</sup> BENCH) THIS a.m. THATS LIFTS BY MID-DAY. SHEEP SEEN BELOW FOG & UPSLOPE ON & OFF ALL DAY; 1 BUNCH OF 20 (INCLUDING 1 BIG RAM, 6-7 LAMBS, 2 YOUNG RAMS) BELOW 1<sup>ST</sup> BENCH IN p.m. WORK ON WOODPILE AT LAB, FIX (?)

CART WHEEL, OTHER LITTLE JOBS. CLEAR BURNED  
STUFF OFF CLIFF GEEK CUTOFF. WALK TO RUSH CREEK  
& SEE 1 COYOTE ABOVE AIRSTRIP, PLUS A VERY FRESH  
HUNK OF ELK HIDE MIDWAY DOWN AIRSTRIP. JIM, HOLLY,  
& MATT ARRIVE WITH RAY JUST BEFORE DARK.

Holly and I had a hectic weekend in Boise.  
We did a lot of project shopping and some  
Christmas shopping. Met with Howard Quigley  
and John Beecum, and Gary Power regarding  
project planning... on Sunday. On Monday we  
met with NRCES folks (Terrill and Art) regarding  
the EWP proposal. Ironed out some details,  
made contacts to Dick B., Ed K. and Fred  
Danker on various admin. matters. Had to  
buy a new battery for our Dodge truck, then  
had electrical problems prior to getting on  
the road again. Holly located 3 cougars radio-  
tracking our way back in with Ray A, A.  
Beautiful sunset on flight! Matt Jones came in to  
do Project work for us... <sup>-this winter-</sup> and ranch work  
this month.

Tues. Dec. 5

Emails in the am... business catchup, sent to Howard Q., HWI office, Sam Cooney, NRCS - measurements, Scott Relyea, J. Beecham Roman, Greg B. Measured site for the bladder reservoir and started a fire to start thawing the ground for digging. Dug out area... small amounts at a time due to perma-frost. We all put up elk fence (black mesh) around the haystack. Holly and Janet sorted/organized cabin creek camp food. Moved the feed troughs out of the corral, in front of the barn. Also used Rocky and the single stoneboat to move 6 loads of birch firewood. Continued the ground thawing effort well into the evening. We are trying to create a 10' x 10' flat area for the "bladder deck." Two rams were actively putting heads on the 1<sup>st</sup> bench this pm.

Weds, Dec. 6

Did a wide variety of tasks this morning, continued ground thawing at the bladder site, Matt & I sawed up 1/2 split wood N. side of Big Cr. and filled 8 grain bags for Cabin Cr. firewood. Janet paced the distance of "burned fence" for possible reimbursement <sup>(# relief)</sup> through an emergency program. She came up with 4,200'. Holly worked on business emails, mostly associated with winter hirings. Ray flew in late morning and took out Janet, and brought us in a plane load of camp supplies. Holly prepared some boxes of food for Cabin Cr.

Thurs., Dec. 7

Matt and I saddled stock and headed to Cabin Cr. with 5 animals packed - 3 with supplies and 2 with firewood. Ray was not able to come in today as planned; after a deer "contacted" his prop yesterday on the mail plane. Holly spent the day on camp gear organizing, fire funding emails, etc. We made it back to T.R. @ 6:30 by moon light.



Fri., Dec 8

Holly sent infor. to the winter crew on things to bring/expect @ Taylor... and in the camps. Holly also sent in travel reimbursement to Lynne. Matt and I continued work on the water storage foundation, started framing 10x10' area using treated boards from the old cliff cr. bridge. Ray came in late afternoon and took Holly up for 40 mins. of radio-tracking. Visited with Jake from Pistol Creek while they were flying. Matt cooked up a stew for dinner. Sawn 9-10, 1g rounds off of the big tree perched above the "bladder site".

Sat., Dec. 9

Matt and I made huge progress on the "water bladder" platform... we finished! We heaved in a lot of rock to anchor the corners, which we cribbed on both sides of the boards before filling with dirt. Holly, & Matt, installed the winter "nose bypass" water line with electric heat tape. Holly sent an email to Mike Knoshaug and put together a huge reading list for Chris McDaniel. Steve Z. called about hunt mule still at Cabin Cr.

Sunday, Dec. 10

Saddled stock, packed up 3 animals, and harness, and headed to Cabin Cr. Unloaded supplies and 2 bags firewood. Holly did cabin gear organizing and chopped firewood. Matt and I used Rocky in harness to skid 5 segments of fir logs. Snow squalls and dropping temperature this (A.M.) evening. Checked The Cabin Cr. Mouth → Cave Cr. for sign of Stue 2's mule... no sign, but a lot of wolf tracks working the west side of the flat; back to TR @ 7pm by moonlight through snow squalls.

Monday, Dec. 11

The cold finally set in today... never warmed up in the day. Holly and I worked on the 6 month report for HWI. Matt did some shop organizing in the am. In the afternoon Matt and I moved rock, from E. of the lab, to the duplex for filling gabion baskets at the hydro. shed. Holly worked on the monthly phone bill. Emailed Curt Mack and ~~D~~ Carter <sup>Nie</sup>meier about financial support for predation study.

Matt and I shoveled snow around the hydro foundation, the yard bleedout, and the box intake to insulate from the cold. 40 Canada geese in lower pasture last night

Tuesday, Dec. 12

Down to 7° last night. Holly finished the phone bill, sent to Lynne. Sent emails to Ed. Ko - about fence replacement grant & NRCS proposal, and Shawna Campbell on internship opportunities @ TR. Also, sent one to Tom Fanske on our "biographical sketch" for his book with our fire story. Matt and I used Rocky and Cricket to roll the airstrip - also put out fire boughs. We also moved several loads of rock to the hydro gabions. Matt filled the gabion baskets, he also fixed the haystack ladder. Holly spent the pm working on our 6 month report for HWI. This morning we watched one coyote chase another along the B.C. trail... from the barn to the west property line.

Weds. Dec. 13

Overcast and warmer today. Worked on Christmas cards and the HWI report this morning. Visited with Carol about going out today... after Ray returned from the main River. Once back, Ray radioed to say the weather wasn't flyable anymore... at least we had gotten our stuff together. Matt's I finished moving rocks to the gabions... out of the duplex yard. Holly finished and sent the HWI <sup>(emailed)</sup> le mo. report. Listened to A. Gore's pulling-out speech, and G.W. Bush's acceptance speech... both spoke well.

Thursday Dec 14

Cascade is not flyable today and the forecast is for snow all weekend. We set up a flight to Challis with Pete Nelson, then borrow Gary Power's "wolfmobile" to drive to Moscow. No sign of Pete. We may miss our award reception and presentation this weekend due to snow! I spent the morning typing

printing out directions for checking the hydro system, normal gauge readings, and how & when to fix winter waterbox problems and use the generator. Posted the info at the Hydro. Matt worked on filling gabions with rocks for the hydro flood control project. Sent \$2000 of receipts to HWI for reimbursement. Jim coordinated efforts to get us out from TR today. - Talked to Heinz about our Harris Hydro and Motient Phone/email. The ice went out again (3rd time this winter) - small flow. Bald eagle overhead.

Friday, December 15

Micah + Matt started the day with hopes of Mike arriving from McCall but unpredictable winds, snow flurries, and low clouds prevented it from happening. After spending a good part of the morning by the radio, Matt went and worked on a ladder over the fence to the hay barn. He also cleared some debris

from the stream channel of pioneer creek and checked the condition of the airstrip with Mica. Mica spent most of the day guarding the fire place. and saw several sheep on the first bench. A good winter day.

Saturday December 16.

Waited for Mike to come in today. The weather was fine here so it must of been nasty out there. Matt finished the ladder over the fence surrounding the hay barn, chopped some large rounds up on the hill, and cleared more debris from the stream channel. A short list for such a trying day!

Sunday December 17.

Matt spent the morning in a frenzy desperately trying to clear the airstrip with Rocky. It seemed like a futile attempt until after an afternoon of waiting by the radio. It was rumored that Mike and Val

may be coming in but Jim + Holly were grounded in Challis. Matt's hopes weren't betting on Mike + Val's arrival either, the weather had not been cooperating. However... at about 4:30 what should appear? A miniature plane and two tiny passengers. The rest of the day was spent showing Mike + Val their quarters and about the watersystem + feeding the stock.

Monday Dec. 18

Holly and I flew in from Challis with Steve Cope. Holly oriented Mike and Matt on HWI sign up. Harnessed Rocky and Crickett and drag the airstrip... trained Mike. Then we used the mules to slid away some brush piles that Matt made... for flood control "clearing." Put some things away. Had a "ranch dinner."

Holly + I spent the last few days doing a brutal 1,000 mile trip to Moscow to receive our medallion awards. Had to borrow a car from the Bullocks in Challis... then drove thru blizzards and on a lot of ice... good to be home!

Tuesday, Dec. 19

We all saddle up the stock, Spider's - 2 packers and headed to Cabin Cr. to cut/saw wood.  
\* Enroute up we saw fresh wolverine tracks in the snow, a first for us on Big Creek! Mike, Matt and I sawed some fir firewood and put in the cabin. Holly and Val "couped" 56 elk... only 3 calves. Searched for Steve's missing mule, <sup>(Holly & I)</sup> we actually forded-waded the creek and searched the flats S. of Big Cr. ... no luck.

Weds. Dec 20

Holly, val; Jim, matt and mick  
left Taylor Ranch for their respective  
Christmas Breaks.

Worked on truck, cleaned Chimney  
in Duplex. water froze in Duplex  
causing us to winterize water system  
Changed water filter in main cabin  
winterized Arlos Cabin.

Cleaned Brush along power Creek.  
Sheep visited across Big Creek



Thursday, 21 Dec. winter Solstice  
Hung the spurs cabinet worked  
on pack Saddles.

went for a walk, saw 3  
beaver and cougar tracks in  
Creek bottom across bridge  
headed to the east.

Snowed lightly last night.

Friday 22 Dec

A wolverine visited the Ranch  
this morning. It crossed the  
Bridge over big Creek and  
entered the pasture at which  
time the sheep went over to  
investigate. The wolverine back  
tracked across the bridge and  
left the area. It looked similar  
to a young Bear cub. Colored  
In color Body appearance similar  
to lynx oval ears, dark muzzle  
it appeared to be about mid  
calf high at its withers

Same track as that found up  
stream on Big Creek.

Worked on track, pulled shoes  
pulled fence. Regular chores.

Took measurements of cat tracks  
as well as the volunines.

Repair unable to get in

Dec 23 SAT

Pipes under house have  
frozen up. water is entering  
the system but not flowing  
through faucets. tried to contact  
gas useless.

Should have schematic of piping  
available.

Got water running, By pass  
now operating. fixed loose stair  
case to basement.

House cleaning, chopped + carried  
wood. USUAL chores.

The statement that pipes froze  
was erroneous. Not enough pressure  
was reason for water failure.

Reman Arrived today we  
did some telemetry on  
Cabin Creek Cat, in Cliff  
Creek drainage.

Dec 24

Cabin Creek cat disappeared.  
Regular chores. Hauled wood  
down from above Cabin.  
Worked on tack.  
Replaced chain with metal bar  
on Airport packer.

Dec 25 Christmas and all  
through the Ranch was a creative  
staged water event. Reman

Dec 26 Flood prevention, worked  
on sashes, did laundry.  
water quit us again. eventually  
it came around, not because  
of anything we did. <sup>water</sup> worked  
the rest of the day.  
Half flooded the basement, chanced  
it out with the wet Dry vac.  
Mave finally was extracted from  
the basement.

Dec 27 ~~Thursday~~ <sup>Wednesday</sup>

flown telemetry found female  
Coysac up Clif Creek make  
Coysac in Slivers creek.

NO signs of wolves.  
water stopped the heat  
tape furthest from the cabin  
was unplugged. the water  
was still flowing to the  
underground faucet.

pulled hose, here from  
rafters in cabins. By  
5 o'clock there's enough  
to re-connect. water is  
once again flowing. Hopefully for good.  
Greg and Jennifer - come  
in along with the me.  
I would look for heat traps  
that was active as soon  
as it's plugged in.

Dec 28 <sup>Thursday</sup> Friday

Today Renan, Mike and Myself (Jeri) went tracking  
w/ Telemetry for C-5, while Greg tended the ranch. We  
found Wolverine (we believe) tracks across the bridge and collected  
a scat sample by the creek first thing in the A.M. We then  
hiked up the ~~bank~~ benches to the ridge above where  
we counted 19 Elk beds along the top. We received a  
signal on the wolf pack, thought to be coming from Rush  
mt. We tracked C-5 to the fork of cliff creek, but we ran  
out of time so we did not get an up close signal w/in 100 yds.  
We plan to leave earlier tomorrow to pick up where we  
left off. I hope to see as many sheep as we saw.

Today! We counted ~28 today and saw a wide variety of other animal signs: coyote, bobcat, wolverine, <sup>(measured track @ 3 inches) wide</sup> cougar track on top of the ridge, sheep, deer, and elk. I enjoyed the snow hiking today, it was beautiful out! There isn't as much snow as I expected there to be.†

There is no base yet and a crusty layer on top so Avalanch is a possibility.

Dec 29 Friday

Renan, Mike, Jen hiked up cliff to locate C-5. Greg worked hard to keep H<sub>2</sub>O working.

9° when we started out at 7am. The trail was better going today after we broke it out yesterday. Wolves still up Rush Pt area but no sign of C-5 or C-2 from top of cliff cr. Considered beating feet around to cabin cr but not enough day light. He returned to ranch and helped w/ H<sub>2</sub>O problems, lost the H<sub>2</sub>O to Taylor Cabin.

Dec. 30, Saturday

Holly and I returned to TR this afternoon after a Christmas break... that included some ranch shopping. Ray brought us in with the 185 (w/out skis)... which we had "full to the gills." The crew here had to overhaul the hose bypass and Mike said the spare line to the hose connection was frozen - which he freed with a metal rod.

Dec. 31, Sunday

Today Holly and I got reorganized after our trip out. Renan, Jennifer, Mike, and Greg took the stock to Catina cr. to locate cougar #5. I wrote several belated holiday wishes. Holly fixed a New Year meal for the crew. At 6:30 pm the group returned from C.C. to report seeing #5 on a kill! They also saw kitten tracks 1/4 mile from the kill area... older tracks. Had another group feast and no one could stay awake to see in the New Year.





page(s)	Incident Title	Key terms/people involved	Author	date
1, 2	Announcement that Mary Cole has Terminal Cancer	Mary, Cancer, Terminal, Death, Hospital, Plane, Rene, Teresa, Ray,	Unknown	2/19/2000
4, 5, 6	Plane Snowed In	Snow, Grounded	Unknown	2/24/2000
13	Details of Cougar Death	Cougar, Autopsy, Kill, Death, Skull	Holly Akenson	3/9/2000
16	Sheep Darting	Sheep, Darting, Ewe	Jim Akenson	3/13/2000
18	Sheep Darting Mishap	Sheep, Darting, Ewe, Ram, Death, Broken leg, Jim	Holly Akenson	3/18/2000
22	Cougar Lair Located	Cougar, Lair, Den, Sheep, Ram, Elk, Wolf	Jim Akenson	3/24/2000
23	Cougar Shot	Cougar, Shot, Hunters, Hounds	Jim Akenson	3/26/2000
24	Cougar Shot Continued	Cougar Shot, Hunters, Hounds, Bobcat	Jim Akenson	3/27/2000
26	Wolves Kill an Elk	Wolves, Kill, Elk	Unknown	3/31/2000
26	Dead Cougar Found in a Cave	Dead, Cougar, Cave	Unknown	3/31/2000
27	Wolves Eat Elk	Wolves, Kill, Elk, Eat	Jim Akenson	4/1/2000
27	Dead Cougar Found by Monumental Bridge	Dead, Cougar, Bridge	Jim Akenson	4/1/2000
30	9 Sheep Capture	9, sheep, Captured, darting, dart, collared	Jim Akenson	4/8/2000
45	Wolves Chasing Elk	Wolf, Elk, Mica, Author A, Run, Chase,	Jim Akenson	5/6/2000
53	Rattlesnake Encounter with Maricio and Penny	Rattlesnake, Mule, "Penny," Maricio	Jim Akenson	5/18/2000
55	High-Schoolers From McCall Visit	High School, Visit, Education, Students, McCall	Jim Akenson	5/22/2000
56	High-School Visit Continued: Rattlesnake, Cave Paintings	High School, Visit, Education, Students, Rattlesnake, Cave Paintings, Tracking, Mica, McCall	Jim Akenson	5/22/2000
68	Mica Cuts Leg, Needs Stitches	Micah, Dog, Leg, Cut, Wounded	Jim Akenson	6/14/2000
70	Visiting Wolf Pups	Wolf, Babies, Pups, Holly, Jeremy, Den	Jim Akenson/ Unknown	6/16/2000
76	Animal Bone Show and Tell	School, Class, Education, Students, Elk, Cougar, Coyote, Skulls, Bone, Deformities	Holly Akenson	6/27/2000
79	Deer, Plane, Fawn Incident	Deer, Airstrip, Fawns, Plane	Holly Akenson	7/1/2000
85	Searching for Wolf Pups, Fighting off a Cow	Wolf, Pups, Babies, Howl, Moose, Cow,	Holly Akenson	7/11/2000
87	High Elk Pregnancy Results	Elk, Cow, Pregnancy	Holly Akenson	7/15/2000
88	Bear Sighting, Elk Barks at it	Bear, Elk	Holly Akenson	7/16/2000
94	John Lancaster--Pilot--Dies in Plane Crash Due to Engine Failure	John Lancaster, Death, Plane Crash, Plane, Crash	Jim and Holly Akenson	7/25/2000
96	Jim Gets Hit in Head While Splitting Wood	Jim, Head, Injury, Maul	Holly Akenson	7/27/2000

99	Meeting with Elderly Hikers	Jeremy, Ken, Sam, Author B, Hiking	Holly Akenson	7/31/2000
100	A Fire Starts in Buck Creek	Forest, Fire, Forest fire, Buck Creek, Helicopter, Smokejumpers, Firefighters	Holly Akenson	7/31/2000
100	John Lancaster's Memorial Service	John Lancaster, Death, Plane Crash, Plane, Crash, Funeral, Memorial Service	Holly Akenson	8/1/2000
101	More Forest Fires	Big Creek, Salmon, Clear Creek, Burgdorf, Three Bears, Diamond Point, Flossie Wolf, Wolves, Tracking, Bones, Skull, Telemetry, Cougar, Coyote	Holly Akenson	8/2/2000
102	Class on Wolf Tracking		Holly Akenson	8/3/2000
104	Chris Joins the 4000 Squared Club--Hikes up Two Mountains in 15 Hours	Hiking, "Chris," Mountains, Record	Holly Akenson	8/5/2000
105	Chasing off a Bear	Bear, Black Bear, Chasing, Confrontation, Pistol	Chris	8/6/2000
106	The Return of the Bear--Tries to Get Into a Cabin	Bear, Black Bear, Chasing, Confrontation, Cabin, Window, Break In	Chris	8/7/2000
113	Fire Prevention Measures	Fire, Forest Fire, Prevention	Holly Akenson	8/13/2000
114	Emergency Fire Evacuation From Taylor Ranch	Forest, Fire, Forest fire, Smokejumpers, Firefighters, Emergency, Evacuation	Holly Akenson	8/13/2000
115	Emergency Fire Evacuation From Taylor Ranch Continued	Forest, Fire, Forest fire, Smokejumpers, Firefighters, Emergency, Evacuation, Helicopter	Holly Akenson	8/13/2000
116	Emergency Fire Evacuation From Taylor Ranch Continued: Part 3	Forest, Fire, Forest Fire, Smokejumpers, Firefighters, Emergency, Evacuation, Helicopter	Holly Akenson	8/13/2000
117	Emergency Fire Evacuation From Taylor Ranch Continued Part 4	Forest, Fire, Forest Fire, Smokejumpers, Firefighters, Emergency, Evacuation, Helicopter, River Guides	Holly Akenson	8/13/2000
118	Living With the Flying B. Crew	Forest Fire, Forest, Fire, Taylor Ranch, Damage	Holly Akenson	8/14/2000
119	Cleaning Up After the First Fire Attempted Recovery of Stock: 13	Forest Fire, Forest, Fire, Damage, Missing, Stock	Holly Akenson	8/15/2000
120	Missing	Forest Fire, Forest, Fire, Cleaning Up, Laundry, Mules, Firefighters, Helicopter, Horses	Holly Akenson	8/16/2000
121	Cleaning Up After the Fire Continued: Fire Drill, Firefighters, Laundry		Holly Akenson	8/16/2000

122	Firestorm at Flying B	Forest Fire, Forest, Fire, Flying B, Firefighting, Mules, Horses, Helicopter, Evacuation, "Short Creek Fire," "Shellrock Fire"	Holly Akenson	8/18/2000
123	"A Fire of Biblical Proportions--" Firestorm at Flying B Continued	Forest Fire, Forest, Fire, Flying B, Firefighting, Mules, Horses, Firefighters "Short Creek Fire," Middle Fork Peak, Lookout, "Shellrock Fire"	Holly Akenson	8/18/2000
124	The Firestorm Hits Flying B: Total Mayhem	Forest Fire, Forest, Fire, Flying B, Jim, Chris, Mike, "Penny," "Cricket," Back Burn, Accident, Injury, Shellrock, Short Creek, Firefighters, Firefighting Emergency	Holly Akenson	8/18/2000
125	The Firestorm Hits Flying B: Continued Part 2	Forest Fire, Forest, Fire, Flying B, Jim, Chris, Mike, "Penny," "Cricket," Back Burn, Accident, Injury, Shellrock, Short Creek, Firefighters, Firefighting Emergency	Holly Akenson	8/18/2000
126	The Firestorm Hits Flying B: Continued Part 3	Forest Fire, Forest, Fire, Flying B, Jim, Mike, Back Burn, Shellrock, Short Creek, Firefighters, Firefighting Emergency	Holly Akenson	8/18/2000
127	Cleaning Up After the Second Firestorm	Forest Fire, Forest, Fire, Flying B, Jim, Chris, Mike, Shellrock, Short Creek, Firefighters, Firefighting, Emergency	Holly Akenson	8/18/2000
128	Cleaning Up After the Second Firestorm Part 2	Forest Fire, Forest, Fire, Flying B, Jim, Mike, Shellrock, Short Creek, Firefighters, Firefighting, Emergency, Injury, Bernard	Holly Akenson	8/18/2000
129	Cleaning Up After the Second Firestorm Part 3	Forest Fire, Forest, Fire, Flying B, Jim, Mike, Shellrock, Short Creek, Firefighters, Firefighting, Emergency, Injury, Bernard, "Penny," First Aid, "Rick,"	Holly Akenson	8/18/2000
130	Cleaning Up After The Second Firestorm Part 4	Forest Fire, Forest, Fire, Flying B, Jim, Mike, Short Creek, Firefighters, Firefighting, Emergency, Injury, Bernard, First Aid, Raven, Owl, Dead, Deer, Fawn, Bear Cub, Elk, Bill Guth, Ray Arnold,	Holly Akenson	8/19/2000

131	Cleaning Up After the Second Fire Part 5	Forest Fire, Forest, Fire, Flying B, Jim, Mike, Short Creek, Firefighters, Emergency, Injury, First Aid, Plumbing, Rick, Mica,	Holly Akenson	8/20/2000
132	Cleaning Up After the Second Fire Part 6--Visit to Veterinarian	Forest Fire, Forest, Fire, Flying B, Jim, Short Creek, Firefighters, Firefighting, Emergency, Veterinarian, Mica, Mark Omann, Lornia, Chris, Taylor Ranch	Holly And Jim Akenson	8/21/2000
133	Cleaning Up After the Second Forest Fire At Taylor Ranch Part 1	Forest Fire, Forest, Jim, Chris, Short Creek, Firefighters, Firefighting, Emergency, Taylor Ranch, Bighorn Bridge, Big Creek, Burnt Creek, Mike Feliciano, Steven Bierman, Dennis Geving	Jim Akenson	8/21/2000
134	Cleaning Up After Second Forest Fire at Taylor Ranch Part 2	Forest Fire, Forest, Jim, Chris, Short Creek, Firefighters, Firefighting, Emergency, Mica, Holly, Bear, Bear Cub, Deer, Fawn,	Jim Akenson	8/22/2000
137	Pistol Creek Fire	Forest Fire, Forest, Fire, Bill, Sonya,	Jim And Holly Akenson	8/26/2000
138	Cleaning Up After Second Forest Fire at Taylor Ranch Part 3	Fire, Forest, Forest Fire, Emergency, Taylor Ranch, Bear, "Rain Skull," Mule Basin, Mule, Horse, Rabbit, Ray Arnold, Janet Hohman, Chris,	Holly Akenson	8/27/2000
139	Mica's Birthday, Cougar Kills Deer, Fawn	Mica, Cougar, Deer, Fawn, Death, Airstrip	Holly Akenson	8/28/2000
140	Bears Spend Time At the Ranch--Videotaping	Bear, Bear Cub, Radio Collar, Dart,	Holly Akenson	8/29/2000
143	Darting the Bear Sow	Bear. Bear Cub, Dart, Radio Collar	Jim Akenson	9/2/2000
144	Catching, Darting, Male Bear Hitting Bear Sow With Arrows	Bear, Radio Collar, Capture	Jim Akenson	9/3/2000
144	"To Keep Her In Line"	Bear, Bear Sow, Archery	Jim Akenson	9/4/2000
153	Notes Written By Visitors	Visiting, Guestbook	Miscellaneous	9/16/2000
154	Visiting, Fishing	Visiting, Fishing	Visitors	9/17/2000
165	Bear Raids Compost	Bear, Compost	Unknown	10/4/2000
172	Traveling/Auto Mishaps	Car, Truck, Moscow, Travel	Unknown	10/16/2000
181	Bear Messes With Cabin	Car, Truck, Moscow, Travel	Jim Akenson	10/16/2000
182	Bear Attempts to Break Into Lab	Bear, Cabin	Holly Akenson	10/30/2000
182	Submitting Fire Story For	Bear, Lab, Break-In	Unknown	10/31/2000
187	Publication	Forest Fire, Taylor Ranch, Emergency, Publication	Unknown	11/8/2000