

1988-89

TAYLOR RANCH LOG

Jim & Holly Akenson

Jan 26, 1988 - Oct 4, 1989

book 4 of 5

Tuesday, January 26, 1988

I spent the morning putting together the slide presentation we'll give Feb. 1 to advertise the summer student internship. Holly got things ready to go to Moscow, she also cleaned the rabbit pen and packed grain to the corral shed using Crickett & Daisy. Saw 7 elk in lower pasture, several sheep in the bluffs across Big Cr., and the two "regular" coyotes on the airstrip. H baked a pie and we did some house cleaning besides other chores as usual. Made list of chores for Jim Johnston.

Wed. Jan. 27,

Arrived about mid-day w/ Ray Arnold to ranch sit for Jim & Holly until the 3rd of Feb.

After organizing our personal gear, Nancy & I decided to hike over to where the elk carcass was and to generally get the feel of the area once more. No wildlife but some fresh elk track heading down to Big Cr. in direction of mouth of Rush Cr. from sage brush flat.

The large group of sheep that had been straight across to the North of ranch were later higher on same ridge. One large ram in group (3/4 curl).

Began doing chores for the evening only to find one white rabbit dead in hutch. Perhaps there was too much excitement before when Holly was showing us what and when to feed.

One golden eagle flying over ranch before dark-westward. Two coyotes running - across ^{from} ranch - east of cliff cr. Some elk (cows) higher up on 1st bench.

Hi-kid down river. Snow in the
and across body is down fine.
Good bus enjoyed the excursions
coming and going, living and dying.
Winter snow save tells the stories of
scattered on ice in the middle of big cr.
seen, a few deer and one elk life
name the picturesquely, very little wind after
Hi-kid down river of the gorge of snow
that seems to be beginning.

Friday Jan. 29

Warming up of the mid 40's and a
few showers.
one to four. We'll return then outside of corral
no injuries, but not a good habit for the young
of the two young mares following over the fence;
the corral fence (gate wide open) and the smaller
hutches either fence or ledge containing one
fassisings hang out, hence if I happen to
During the grazing road and while I was
down stairs. Collared? Our golden eagles.
"Pagan", coyotes around hang piles and then
could find kill site. Ribs on past boundary fence on bush.
a guess, I'd say lamb. Didn't see all like this season.
about 200 yds above new site. If I had to make
found in cage of small animal freshly killed
4 pm.

Widely scattered! saw elk huddled down around
further. A calm overcast day and not much
Hi-kid of longer runs and actually a long
Thursdays, Jan. 28

has shined. Went over to the new ridge again
cold, but the first day all week the sun

Monday, Feb. 1

Bear fat moonlit night.

Keep on the trail - no one interested.

At 11 a.m. down during the middle till
the ears and today noticed by us all out
doings slightly. One of the males has some markings of
white usual chores. Faces of males soon to be
white; I hauled up the propane tanks along

of discarded trout rock.

Silence of crows, I wondered if the cat had it
past me ~ 10 ft. Later, while thinking of the
wind a rock the size of a basketball went flying
from a speckled deer or something. I looked up
thru him, through and thinking the sound must be
fins for my camera when suddenly I heard a
trill, I was kneeling down looking with some
shortly before seeing the cat tracks on the
rock and freshly lion tracks along the trail.
Rock and saw 3 sets of fresh sheep tracks going
headed east + down river. Also went over to the
canyons but no luck in finding them other tracks
thick up to where the sheep were after due

Sunday, Jan. 31

Good day & the inside.

Look.

Tomorrow I'll head up that way and get a better
slope where Cliff Cr. bounds to the Al. West.
and a fairly large herd (12+) on the bar
near a couple and one lone above the now ice
feedings of the redpolls yesterday.
Chill. Now I know why there was such funnies

today and saw the reason for those lion tracks yesterday. Fresh kill located ~ 30m below property boundary fence, just below (deer) trail. Have a feeling I missed noticing it yesterday. Anyways waited in the area for a couple hours and just as I was getting cold decided to leave when I saw the cat. Unfortunately it saw me first and didn't stick around to pose for a picture.

Three ewes and lamb N.E. of ranch on hillside and a couple of golden eagles. One coyote.

Tues. Feb. 2

Cold describes the weather. Clear and full moon tonight, got down to 2°F last night.

After chores, I went back to the deer carcass across from Rush Cr. and tried to be as quiet as possible but with the cold squeaky and crunchy snow, I spooked the cat once more so all I saw was ~~him~~ (it) high tailing it ~~over~~ over the ice and up Rush Cr.

Noticed some sheep above there so I climbed up and took a few pictures of ewes & yearlings. One group of two ewes, and one group of one ewe with what looked like 3 yearlings while up in the rocks, I saw several sets of lion tracks all heading straight up the hill or down. Some very old, some looked like todays. The tracks are going up the talusied 'ravine' opposite Rush Cr.

With the last few days getting really cold, the 'river' today was popping, crunching and groaning, sure would like to see the ice go ~~past~~ ^{make} this year. Had to break two holes for house-horses.

7 cow elk on the 3rd bench as the sun was leaving the canyon. Nice sightin'.

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Wed. Feb 3.

Jim & Holly due to arrive later this after-

Packed our gear, chores, cleaned house and enjoyed the remaining afternoon sitting on the hay pile in the warm sun shine waiting for plane.

This morning, I saw 5 sheep below 1st bench, looked like 3 ewes w/ 2 yearlings.

Golda and her playfulness have given us wonderful entertainment and companionship - Great poach.

10 head elk (cows) on 3rd bench.

Arrived at the ranch just before dark. Spent the evening putting things away - another full plane load of gear. Had a busy week up in Moscow. Met with Bill McLaughlin twice to discuss ranch matters, also saw J. Peck about his summer's research. Gave two slide shows to advertise the internship program. Made several ranch purchases - typical hectic Moscow trip! Found out Webb's can cover for us Feb. 22 - Mar. 4.

Thurs. Feb. 4

Continued filing things away - into the afternoon. Holly rode Crickett up to ram canyon while I walked Daisy. Crickett being very stubborn leaving the property today. Did chores and shoulder therapy.

Friday Feb. 5

Spent the morning updating my curriculum vita. Holly spent the entire day + working on income tax. Hiked around lower Rush Cr., saw lots of bobcat tracks and 8 elk. Did usual ranch chores, shoulder therapy.

Saturday Feb. 6

Holly kept on itemizing for income taxes - just to come up short! I wrote several letters and went for some short hikes. Did usual chores - wood chopping, water hauling, animal feeding etc. Did two sessions of phys. therapy for shoulder. Put a battery on the generator to charge - until fumes got annoying, wind apparently wrong.

Sunday Feb. 7

Did usual chores. Had a tough time keeping the generator going to charge battery, figure there must have been moisture in the fuel line, finally kept going after using starter fluid. Took the afternoon off and rode upstream. Holly rode the young mules, trading off while I rode Troy. Both Crickett and Daisy doing very well in the lead ... once out of sight of the ranch!

Monday Feb. 8

After morning chores we worked on reorganizing summer-course outline for this Aug. Holly spent the afternoon putting her sheep data on the computer. She also trimmed Daisy & Toby's hooves. Hiked around to Rush Cr. flat, saw a bull elk $\frac{3}{4}$ mi. up Rush Cr. and a 4 pt. buck (kind of late for having head gear). Lots of wildlife out today - warm, near 50°!

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Tuesday Feb. 9

Woke up this morning another year older, my Birthday! My folks called in the morning. Holly spent several hours on the computer, I even spent some time with it. Packed 6 sacks of grain to grain bins with Daisy & Crickett. Miscreable, rainy day. Wrote letters, had fancy backstrap dinner.

Wednesday Feb. 10

After morning chores Holly hit the computer and I went for a hike up Pioneer Ridge. Saw the collared ewe by herself up Pioneer Cr. Holly trimmed up Feather's feet - we'll try leaving her unshod, not much good hoof to take nails. Gave all the mules haircuts. Warm & sloppy around the corral today. Hit the computer after dinner, also wrote letter to a sheep artist - wood carver who inquire about head-butting photos.

Thursday Feb. 11

After the morning chores we spent most of the day putting info. on the computer - Holly gave me some lessons on it. H. worked Cricket around the pasture and in the corral - reining, lunge line, ground drive etc. Beautiful spring day! Boise St. vs Idaho - big game on radio tonight.

Friday Feb. 12

(From Fall)

Cut up hind 1/2 of my deer into jerkey strips and made brine to soak the meat. Cleared trail along Rush Cr., in case we do deer census up that way. Holly sorted through & filed away various paperwork.

Saturday, Feb. 13

After the morning chores we put plastic shoes (w/heel bars) back on Feathers front hooves - she could hardly walk. Holly got in a butchering mood and "did in" 5 rabbits. Planed the back porch screen door. Hiked over to Rush Cr. flat, not much happening there. Wrote letters and did usual shoulder therapy routines. Cold and blustery day.

Sunday, Feb. 14

Spent the morning on chores and letters. Hiked up to Labour B. in the afternoon. Golda has developed an abscess^{success} on her foot so she stayed home. Tried to draw the abscess to a head with warm water and Epsom's salt, no luck yet. Trail upstream extremely icy. Saw a few elk and deer but less numbers than expected. I'm phasing back into the chores!

Monday, Feb. 15

After the chores we worked on business letters. - Arnie Johns, FNAWS and Al Steuter, Nature Conservancy. Holly outlined ideas for a "fall back" ewe-lamb study in case our FNAWS proposal is rejected. Puttered around shop and some fix up projects on duplex - fixed door latch, planed screen door (again), and put up heat shield behind stove. Feather still favoring front-right hoof heavily, she's on bute pain pills now. Making several batches of deer jerkey. Holly spent the evening putting sheep data on the computer.

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Tuesday, Feb. 16

It snowed $1\frac{1}{2}$ inches last night so we rolled the strip - mostly to smooth out the ruts. Holly used Rocky & Daisy to give Daisy some practice - she did great, even seemed to catch on to turns somewhat. Right after we finished an absolute blizzard hit dumping another 2 or 3 inches, what luck! I re-wired the AM radio antenna up through the attic, it finally seems to get a consistent transmission. Holly worked the rest of the day on her sheep presentation for Reno. Did the usual chores plus the last minute letters typical of mail-day eve.

Wednesday, Feb. 17

Spent most of the day on mail - personal and business. Mail plane did not make it in today, we were put-off until the end of the day and then the weather closed in - they even took hunters into Cabin Cr.!, not happy about that. Visited with Greg Hayward, they've located 4 of 5 radiced Boreals but his radios are "over signaling" and will run out soon - he needs to do some quick recapturing. Holly worked both our young mules on the lunge-line. Goldie's abscess' better now on both feet, don't know what the cause or maybe related to snow?

Thursday, Feb. 18

Spent the morning on letters and Holly worked on her slide presentation. Jim N. flew the mail in propane at noon and stayed for lunch. Jerry J. came in with pack string right before dark but didn't stop.

Friday, Feb. 20 19

After morning chores I attacked the shop - cleaning and rearranging, sorted through old boxes of Tess Taylor stuff pulled out of our attic. Holly continued preparation for Reno slide show - she'll give two 1 hour talks. Hiked up to Lobar, saw fresh cougar tracks on top of horse/mule tracks!, Jerry went the wrong way! Talked to Bob Gillihan on radio, he will come down from Cabin Cr. to visit tomorrow.

Saturday, Feb. 20

Bob Gillihan rode a mule down from Cabin Cr. to visit today, stayed for lunch. Holly harnessed Rocky & Daisy and demonstrated ^{on the roiler} Daisy's progress? Then we saddled Cricket & Daisy and rode to Lobar B. with Bob. Saw some nice rains, elk, and deer on way up. Our "trusty mules" escaped while we were off them visiting at Lobar... we walked home! Actually, they spooked from some deer in the brush and ran home. Holly worked on slide show this evening. Other chores and shoulder therapy as usual.

Sunday, Feb. 21

Holly spent most of the day finalizing her Reno presentation. Got prepared to go out tomorrow - materials & list for Bob & Vi. Cleaned out the rabbit pen. Reset feathers bad-foot shoe, back to steel. Cleaned up house a bit. Beautiful, warm day - feels like spring!

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Monday Feb 22 - 88
Spent the morning at home - Woke up at 9:30 AM and
walked through the town. A holey out right away - I'm in Wheeler
City - Got unapplied & groceries. Then
IN KEEPER - Had up off office then
WENT up to shop to see what I needed
For OREGON & SAW U.S. Preceded up
some poles from Oregon and took
gathered Alarming news and took
I AM - Shop is cleaned & springtime
Up old one - Seeing all old parts that
I have from now
Up a key room to get around now
Down house to do chores so errands now

Tuesday Feb 23

This evening while eating supper I heard
three ticks - Not thinking two much
him again went out to see if he was
After a while heard him again went
up the roof (no art) - So opened up
the door thinking he was up there
After a while heard him again went
down - Finally opened up basement and down
and out he came - Found couple good
pieces of old ones - Worked on sawed
up the fence - Finally got it up and squared
Also on hill right above the shop
also left off day. Elk below it where
out tomorrow - the rabbit
of steel.

Weds Feb 24

FINISHED UP SAW U.S.C. - WENT
THREW AND PUT A GOOD COAT
OF LINSEED OIL ON IT TO HELP
PROTECT - OILED UP MY WEBS
IN THE SHOP FROM BLDY VIS.
GO + NEW RAMP DUE AFTER
O.I. BREWER'S WAS HARD DRIVING
IN THE POST.

THURS Feb 25

WORKED ON FENCE PROCESS THE CORRECT
POLES THAT WERE THERE WERE CUT DOWN
ENOUGH TO REACH BETWEEN THE ORIS
BUCKS THESE SO MADE ONE AND
PUT IN THE MIDDLE AND ERECT THEM
BUCKS FINISH

TOOK A LOOK AT BRICK PILES IN LOWER
FLASHING BELT WHICH WOULD BLOW
CHANGED GAS TANK ON REFOR WRS
A HILL GETTING IT STARTED
GO + SACKEN DOOR REPAIRED AND
PARTRIDGE SANDER

W.S.C.A. CHARTS

Friday Feb 26
We'll work today - Li. quit - A. Rbo. +
10:30 AM - Didn't know she was coming
so early was multitasking the other
night in Kitchener when I heard the
plane - Jim was in such a hurry that
he left the running bus off Guelphines
to get one for Barbara soon by
noon
So oned onto Ako! and told her - So
market bus and ours over there
about 11:00 PM we heard another
plane and I + wife left he had
lunch from Mary Ban the all
came up a hill a cup of coffee we'd
that went out to house pasture
and burn & several piles of brush
some out in the middle will have to
bury up as snow provided them and freeze
out as ground - some break out the
ends of wood this to know for
shoe - Will cut more later if I get
the chance

Sat Feb 27

Refrosted both Refers Big Job
Hauled grain over to barrels for
the horses

Went back up on the trail toward
Rush Creek was dark slick going
Cut a pole for front porch - Had
ropes with us and dug tree right
down the hill to the air strip
Snow was getting soft so left it
and go in morning when it's froze
to get it.

Got started pruning here by the house
Time for chores

Sun Feb 28

Was both aware at 5:00 this
morning so got up and give the living
room a good going over took drapes
down & put outside on clothes line
For the day wiped all the walls
dusting down - Took all pictures down
also and done by chore time in
A.M. Went down with toboggan and
handed pole for railing up while
it was froze - Got it pretty well
peeled - Went across creek & packed
pole (Birch) & used it for an extension
where I finished the other day
and where its pretty steep
Pruned trees all afternoon
usual chores - Horses were across
the creek again this morning

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March 1 - 88 Tues

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All my afflictions to save if we were
still here and alive. And then Kewl
Sullivan here and Alice. And then Kewl
Alice day Hobos, Hobos the eccentric
Agric - They don't come back after which
Nine or so - others

Went up to spring box and worked
A lot of ice in thick so there would
be a channel to box didn't stay
long enough to warn of such
a thing as we wanted to get
out of the water quickly
We got down today - lots of broken
hives from here - hits of bee
flies Flock here - hits of bee
flies black off since last for

LLCDs Marcell 2-88

Worked more trying to get old upholthn
off of screen door - started Geronimo
+ used power sander but it just burns
up the sandpaper - so give it up as
a bad job - maybe do manual removal
would help - too expensive the sandpaper
is miles beyond a minimum price to dry
Decided to put two braces on opposite
shelves to make it half stronger -
showed to wife it has space 50/50 -

Thurs Marcell 3-88

Went up a put down in at spring
box and got water in spring box
but no water here at the house
traveled miles in alcohol and
where the box is here in the office
finished the rights in the house
living etc - The right that was
in the bath room to couldn't get
to work - so put another one up
sure had a strong wind here today
Hilgers spent the day across the creek
full feeding time - like pretty good
while we were there he ate the creek
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MARCH 4 - 88

A little colder this morning blue skies then clouded up about 11:00 - Horses were up on Second Bench this morning. Don't know what time they come down. As we were at the lower end of Aristrip - worked on Gabion Baskets. Took a sandwich with us and didn't come back up till about 3:30 - Had to get new stick put in gate going into Haystack - Horses had broke spring loose couple days ago and just had it wired up till had time to fix it. Worked around in house afternoon. We came back - cleaned Rabbit Pen Chores.

Saturday March 5th

Drove down from Grangeville, stopped by McCall to shop and then flew into the ranch early afternoon. Bob & Vi had the place in ship-shape as usual. Nice to be home after 2 weeks out! Holly's slide lectures in Reno - on sheep rut - went very well. Saw several friends in Nevada & Oregon then went up to Moscow to interview people for summer internship. Had several good applicants this year and will go with 3 interns, plus a maintenance man - Ray Gusen - intern from last year. Had several meetings with Bill M. and Ed R. while in Moscow. Spent remainder of Sat. going through mail and putting things away.

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Sunday, March 6

Did morning chores. Spent a good part of the day putting away our plane load of gear. Relaxed some - still worn out from hectic trip pace! Wrote some thank-you notes to people we stayed with. Stormy day - ended up with 2" of new snow.

Monday, March 7

After morning chores we inspected waterline to see if we could encourage some flow but ~~had~~ such luck. Holly pruned trees by duplex... non-bearing fruit trees. Lots of ticks showing up on horses & mules, they are very itchy now. Saw close to 60 sheep this afternoon. Scrounged around shop looking for material to make a 3-mule evener - would like to use 3 abreast on harrow, if we can devise an evener. Trimmed suckers on maple trees behind Duplex. Sharpened shovels & tried to put larger fences around young fruit trees^{in orchard} to prevent mule browsing - but the ground is too frozen to put in fence poles. Let the horses & mules feed above the orchard - some snow, but they are finding something to eat. We feed the horses $\frac{1}{2}$ ration in the morning these days, our haystack is holding out well.

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Tuesday March 8

We went up Pioneer Cr. and cut 8 poles for the orchard fence. We used Topper to skid 5 of the poles to the orchard. Topper does really well skidding we hooked him to the pole & tied his reins & halter rope up - he will work by voice command and no physical contact, stopping when hung up. Trimmed overhanging bushes from the Pioneer Cr trail with pruning nippers. Brushed horses & mules & picked off ticks - not too many ticks & they are just starting to shed. The horses & mules escaped to the 2nd bend this morning and missed out on the morning feeding. Wrote up a list of spring jobs. Usual chores. 29 sheep across from the cookhouse today - feeding in grasslands this week; three deer go to the salt block in corral every evening now. Saw the collared coyote too.

Wednesday, March 9

Woke up to a snow storm this morning! Crummy weather (rain & snow) persisted most of day. Finally got the generator to run, must have been condensation in the fuel? Charged batteries. Worked on business and personal letters, getting used to that laptop computer! Performed usual winter chores. Making plans to build feeding mangers on south side of barn fence... this side of ranch.

20
Thursday, March 10

Woke up to 2" of fresh snow. After morning chores and radio hrs. we took Topper up Pioneer Cr. and skidded remaining 3 fir poles, making 8 to use on orchard fence. Sawed down a ^{dia.} 12" fir along irrigation ditch - will get 7 or 8 xbucks out of it. The darn tree got hung up and we had "fun" getting it down, but finally did. Sawed the tree into 6' lengths and used the rip chains to half three of these. Also skinned 3 poles. Holly worked on the computer this evening. Lots of game out on benches - deer, sheep, elk.

Friday, March 11

Did morning chores and then worked on skinning poles and x-back members in-between wind-snow squalls. Holly worked on computer most of day. A little sore in the ^{back} muscles today from straining - trying to get tree unhung yesterday. Took our young mules for a late afternoon ride downstream - awful cold and windy. Dairy did quite well in lead while Cricket was stubborn today. Wrote several letters.

Saturday, March 12

Talked to Bob Webb this morning and he'll be able to cover for us when we go up to Lewiston/Moscow next ^{-5 days-} weekend. Finished span of new fence south of orchard. Holly worked the young mules on lunge-line. Snow squalls and wind every 1/2 hour today. Bumped an old nail or two with the chainsaw sawing up old fence so will have to finish up

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Sunday, March 14/13

After morning chores I cut six fir poles up Pioneer Cr. H. and I skidded them down to the creek where Topper could get to. Ripped a couple x-hucks... after sharpening rip chain. Holly worked on organizing garden seeds. Friends Greg, Donna, Kyle Green flew in around dinner time.

Monday, March 15/13

Spent the day on ride up Rush Pt. trail, got in deep snow just this side of Cows camp. Had a picnic and then rode home in a snow storm!

Tuesday, March 16/13

Skidded $\frac{1}{2}$ dozen poles down Pioneer Cr. with Topper - everybody got involved, also skidded some fence bucks to "smoker fence". Hiked up to Lobauer B. - saw several sheep & deer.

Wednesday, March 17/13

Got packed up and went down to Waterfall Cr. for an overnite. Saw several groups of sheep along lower Big Cr. Found a lot of garbage at usual campsite - burned it and packed out cans & foil.

Thursday, March 17

Hiked up Waterfall Cr., saw several sheep - one ewe with a radio-collar. Also saw 25 deer up Waterfall Cr. Packed up mules and headed home - beautiful sunny day. Put camp gear away. Got things ready to go for tomorrow. Young rabbits born today - 2 were dead.

Fri Mar 18

ARRIVED AT TAYLOR RANCH AT 9:00 AM = HAD TIME AND FRIENDS OUT BY 9:15 NOT MUCH TIME TO VISIT
PACKED GEAR UP TO HOUSE & PUT FOOD IN REFRIG = HAD CUP OF COFFEE AND LOOKED OVER JOB LIST = WENT TO SHOP AND GOT ALL THE TOOLS I NEEDED & WORKED ON NEW FENCING & GATE - HORSES WENT ACROSS CREEK AND BACK FOR FEEDING

SAT MAR 19

TOOK LATCH OFF FRONT DOOR TO SEE IT IT COULD BE FIXED - NO SUCH LUCK - LEFT OUTSIDE LATCH OFF BROKEN PIECE LYING WITH LATCH ON TABLE
WORKED ON POLE FENCING BEHIND THE HOUSE ALL DAY - HAD GETTING THE POLES UP THE HILL AND MENDED ON FINALLY HUNG THE POLES TO 12 TREES WITH WIRE -
NOTS OF SHEEP ON THE HILL - NICE FRIENDS IN AFTERNOON - HORSES

SUNDAY MAR 20

ANOTHER NICE DAY - TOOK DOWN OLD WIRE FENCE TOOK POST TO SHOP - FINISHED POLE FENCE & GATE SPENT QUITE A LITTLE TIME CLEANING UP MY MESS FROM PEELING POLES ETC - TOOK PART OF TOOLS BACK TO SHOP THAT I WONT BE USING UP ABOVE ON FENCE NO HORSES OR MULES THIS A.M.

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Monday Mar 21 - 88

Took off old poles above orchard fence - Put up three ^{new} poles didn't think one was long enough to nail. Saved up old poles and got a good fire going with them and then moved the brush pile a little at a time and got it burnt kinda slow but got it done - Skinned the two timbers laying up above orchard that were cut for cross bucks - Got tools all taken back to shop small amount of rain late in evening mostly wind - 10 deer by snit block & above kitchen window 4 across the creek

Tues MAR 22

Rather cool day worked on screen door had to put three coats of the Remouer before getting most of it also sanded - Filled screen with kerosene refilled bottles - Sharpened hay knife burnt brush across creek by duplex also cut out overhanging brush where it was so thick - used $\frac{1}{2}$ doz pieces of duplex wood to get a good fire going. Horses leave most every night - was back to eat this morning tho

Weds MAR 23

Well what a day accomplished nothing but chores & cleaned house up a bit - Just about had to listen to radio too see if con-

Satur

WAS going to happen - Started
RAINING & blowing about 5:00 AM
Got up at six too see if everything
WAS in place OF COURSE DARK
Nasty all morning AND About $\frac{1}{2}$ of
AFTERNOON

Thurs. March 24

Flew back in around noon, apparently
Ray & Bob got back to Cascade just ahead
of storm... which we could see coming on
our flight. Put gear away from Lewiston
& Moscow trip. FNAWS meeting was not
very well attended - maybe 60 people. Holly's
slide show went fine. In Moscow we had
our usual hectic "run-around." Arnie ^{Schultz}
clued us into an NRA grant which we'll
apply for. A bit of chaos with WRC
administration right now - transitions period
between Ed Krumpe & Dr Garton. Got to
visit with all the people who plan
on being involved with T.R. this summer.
Spent evening going through mail etc.

Friday March 25

Found out the new door latch I got
in McCall is missing some vital components!
Put a temporary door knob on front door.
Got water flowing into east waterline box
but didn't make it down line. Holly raked
her gardens, read sheep literature we brought
back from Moscow. Saw eight rams west & east
of ram canyon... plus lots of deer & sheep
on benches. Rams as usual. Windy today

Saturday March 26

Did morning chores. Met a backpacker while going across bridge - Dan Rafferty from Id. Falls. He's going from Stanley to the Selway and wanted to "check in" with his family. Went and took several ram photo's in ram canyon. Ray flew in with John Reed - a prospective pilot and stayed for coffee & visit. Had Dan R. stay for dinner, he's camped at Goat B. and will lug his 90# pack over the Stoddard Tr. to Corn Cr.! Storm hit after dinner and we put Dan up in bunkhouse.

Sunday March 27

Dan headed back to his camp after breakfast. We worked on outline of ewe-lamb study to be submitted for NRA grant. Very windy with snow squalls this afternoon, tried to hike up E. Pioneer Ridge but got "snowed out." Horses & mules hung pretty close to home during this stormy weather.

Monday March 28

Spent the day and into evening putting the ewe/lamb study proposal on the computer. At noon 3 guys stopped by having hiked down from Cabin Cr. (Ray Cooper, Jerry & Jerry), had a nice visit with these folks. Hauled some grain over to the corral shed. Put out hay but horses and mules never showed up - they are probably around mouth of Rush Cr. Took some photos of deer, elk, and sheep in one big mob on 2nd bench. Did usual chores.

Tuesday, March 29

Spent another full day - into night, working on sheep study proposal for NRA - finally got the thing finished! It was a good day to be inside, we sure are having some typical, squally spring weather. Did usual chores, horses / mules think they need twice-a-day feeding again.

Wednesday, March 30

Put Bighorn Rutt Showaway away; re-organized Sheep slide book. Put away duplicate slides from Ray & Lewis' Summer. Jim wrote letter to Mike Schlegel IFG & Mawuc Hornecker. Called Mike yesterday to let him know the animals (elk) were in the grasslands - for the greenup count. He will be in for the fixed wing elk count & helicopter sheep count in the next few weeks. Did usual chores. The horses are itchy from ticks and fleas. Saw 23 elk feed down into the lower pasture; many (>40) deer on the benches these days, sheep too. Hiked upstream in the evening & found a dead ewe in Big Cr - we suspect the 3 coyotes who have been howling near there for several nights. Ray A. flew in on a special flight to pick up our sheep proposal to mail out. (he had people to pick up at cabin Cr. Toc). Heard a great horned owl bawling in the cabin. Snow squally day.

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Thursday, March 31

A beautiful blue sky day and the spring birds are singing - a nice change from the cold windy snowy days of the last week. Checked the waterline - no water - it appears that the upper 40 meters of pipe near the waterbox must be still frozen (snow covered ground & little sunshine along the trail). Checked the other water line - it's on! Replaced plugs in waterline under arrows $\frac{1}{2}$ in the bathroom. There I turned on water to that cabin; hauled 2 propane tanks up & got the hot water tank going. Aaah... first hot shower of the year! The horses crossed Big Cr and went to the lower pasture to feed. Tom brought them back. They are being fed hay & grain once in the evening. Trimmed manes & tails of mules - 2nd haircut this spring. Brushed all horses & mules to help them "shedding". Got caught up on my animal sightings book.

Friday, April 1

Spent the morning on personal and business mail expecting Ray in today. Wrote letters to two farm equipment companies about single trees and eveners. Worked on screen door - glued, clamped, put on one coat of Varathane. Sawed up birch tree that fell by cookhouse this winter. Holly spent most of the day finalizing taxes to be sent out today. Ray and "probable pilot to be" John Reed flew in at 4:00, had them up for coffee & cookies.

Saturday, April 2

Spent ½ the day seeding and fertilizing airstrip and main pasture - hand broadcasting. Got extremely windy this afternoon but died down by evening. Holly brought the herd down off the 2nd bench. Had saw-whet and great horned owls hooting by cabin last night... full moon night.

Sunday, April 3 Easter

Spent most of the day patching up the breaks in the lab's plumbing - frustrating job but appears successful. Holly cleaned out the copper tubing to water heater pilot-flame in Arliss. Fish & Game friends Ed Bottoms & Gary Copeland hiked down from Cabin Cr. and spent night with us, they are backpacking to Indian Cr. up the Middle FR.

Monday, April 4

After the morning chores we saddled up 4 mules and rode up the Rush Cr. switch backs to "the snag" vantage point. From there we saw 2 ram bunches and a herd of ewes & lambs from last year. Snow squalls most of the day. Moved wringer wash machine up to the lab.

Tuesday, April 5

Went with Ed & Gary as far as the Bighorn Br., carrying their packs on Rocky. Saw 2 steelhead and several cut-throat & whitefish. Gary jumped a collared lion off a freshly killed lamb below Dunne Cr. Saw 50 elk & 50 sheep today...

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Wednesday, April 6

Got the wringer-washer running and we did 6 big loads of laundry. Very warm & nice today. Put another coat of finish on screen door. Holly worked Rocky & Top for a couple hours on the harrow - doing the airstrip. Ray flew in the mail mid-afternoon. Spent evening with mail and putting laundry away.

Thursday, April 7

Absolutely miserable day - rain changing to snow, ended up with 2" on the ground. Stayed indoors, doing typical crummy weather tasks... letter writing, fly-tying, boxing up winter clothes and putting away (altho seems too early!). Horses and mules complaining about unseasonable weather - fed twice today.

Friday, April 8

Cleaned duplex and got it ready for visitors. Got some letters ready to go out on todays plane. Snow squalls until early afternoon. Rod flew in mid-afternoon with Doc Johnson and Claude Barrick for the weekend. Harrowed $\frac{1}{6}$ of main pasture. 32 elk, 45 deer, 50 sheep on bench.

Saturday, April 9

Hiked up to 2nd bench trying to get elk pictures but they eluded us for the most part. Did photograph a herd of six rams in male Basin. Holly spent most of the day redoing the income tax. Caught the mules & a couple horses and locked in corral for tomorrows harrowing

Sunday, April 10

Doc took some elk pictures behind orchard. Harnessed mules and harrowed big section of main pasture. Hauled propanes with stoneboat. Used mules & slip scoop to pile manure in front of barn. Holly cleaned out rabbit pen. Rod N. flew in mid afternoon and took out Doc J. and Claude B. Put another coat of varathane on front screen door.

Monday, April 11

Holly pruned Syringa and I put last coat varathane on screen door. Harnessed mules and hauled about a dozen stoneboat loads of manure to sandy portions of airstrip. Holly took fecal samples of sheep across Creek, and we put out two worming blocks (molasses base) for sheep.

Sunny warm day but still no running H₂O in this waterline... has to be close!

Heard that Mike Schlegel & Gary Powers would be in April 13th on sheep & elk count.

Tuesday, April 12

Hung screen door. Put up two new wind socks at either end of the airstrip. Shoe'd Troy and reshod Feather's front feet. Holly hooked up Daisy with Rocky and used that combination to harrow lower flat. Holly's onion sets got destroyed while getting some sun in the yard - Blue Jays likely culprits. Very warm this afternoon - near 80°!

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Wednesday, April 13

Bill Dorris flew in with Mike Schlegel and Steve Smelser who were doing elk count for F.G. As Bill left a chopper flew in to pick up Mike S. to do sheep count - with Gary Power.

After the days flying Gary & chopper pilot Tim returned to Mormon Ranch and Mike and Steve spent the night here. Roto tilled and harrowed in between flying activity. Another 80° day.

Thursday, April 14

Got up early and had breakfast before Bill Dorris came in for last leg of elk count, taking out Mike S. and Steve S. Hauled 8-10 stoneboat loads of manure to airstrip sandy-spots. Roto-tilled 3 gardens by cabin. Holly had to recollect sheep pellet samples - got blown over and "unsorted" in the wind... while drying outside. Unplugged water intake on east line, messed around with our line a bit but no luck.

Friday, April 15

Caught the horses & mules half way up the RushCr. switchbacks where they wandered last night in search of the tender new fescue and wheatgrass. Hitched Rocky & Top to the slip scoop and spent most of the day piling manure near the barn to be spread on the airstrip & pasture. BigCr and Pioneer Cr have both been rising for several days now since the warm weather. Biting gnats made their 1st appearance of the year - on Troy's ears. Horses are still getting hay once a day. Horses are 1/2 shedded of their winter coats, mules barely started.

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April 16, Saturday

Rode Troy & Crickett up to the Gooseneck. Photographed six rams just above the trail near the "big hole" - two rolls worth. Picked up ram head for Mike Schlegel that he spotted on sheep count at Gooseneck vicinity. Holly was pleased with Crickett's riding performance today. "Agonized" over the waterline but still nothing. Another day near 80; Big Cr. barely fordable with stock.

* At 8:30 this evening we heard a gurgle in the toilet and then the water came on!, a joyous event. Checked plumbing for leaks, only the kitchen faucet is dripping - probably needs some new gaskets.

April 17, Sunday

Holly spent most of the morning compiling lists of things to do/purchase while she's in Boise, plus getting gear ready to go out. Put together a hardware list. Rod flew in shortly after noon with Jack Badley on board, then flew Holly out with a real plane load. Discovered irrigation to lower pasture had come on and was flooding at debris jams. Cleared out debris. All streams on the rise. Sheet lightning and thunder this evening.

April 18, Monday

Spent most of day with shovel in hand. Had heavy downpour which started the irrigation ditches and plugged both waterline intakes. Went ahead and left lower pasture

the Gooseneck.

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and upper main pasture ditches running, after cleaning out debris in both. Pulled lid off septic tank and dug up outlet going to drain field. It looks like it should (I think), there's a layer of muck on bottom, 3' liquid and a coat of surface scum. Will have to consult a septic tank "pro" since there's no obvious problem? Had scare with Daisy (mule) tonight, apparently she got a hay cube lodged down the "wrong track". After an hour of blowing out green froth she appears OK. Put horses in corral with a little hay for night, they are getting too much new green up for their own good. Large herd of elk (± 30) on benches and using lower pasture at night, would like to put up fence but won't until elk quit using that pasture.

April 19, Tuesday

Harnessed the mules right after calling in weather and then spent most of day hauling manure on the stoneboat - 9 heaping loads, most of which went to fill/fertilize far end of airstrip... also put a couple loads on rocky spots at hill end of strip. Burned brush, bark, and other debris on burn-barrel landing. Had a rough-count of 41 head of elk on 3rd bench this evening. Nice day, a lot cooler and all streams are now dropping/clearing up. Talked to Holly this p.m. she's in Boise... at Mary; John McGowan's who just had a baby girl.

April 20, Wednesday

Miserable wet day spent mostly indoors on letter writing. Mail plane could not fly today

April 21, Thursday

Rained this morning but turned out to be a nice day by late afternoon. Rod flew in with the mail/groceries mid-afternoon. When it wasn't raining I was hauling manure on the stone boat. Made 3 loads to Taylor Cabin - burn barrel loading, and 3 onto the airstrip - heavy loads after all this rain! Changed irrigation in lower pasture and adjusted flow. Got some (several) close up photos of elk and a coyote on 2nd bench, beautiful lighting for pictures this evening - watery green! Got a letter from Dan Rafferty, the backpacker going from Stanley to the Selway who came through here. He said his dog disappeared on the Stoddard trail - might come back here?

April 22, Friday

Found out this morning that the Wild Sheep Foundation is going to fund our ewe-lamb study! Might end up dropping ram migration aspect and concentrate on finding lambing areas and see why productivity is so low. Anyway, exciting news for us...from Bob DiGrazia - Idaho Chapter President.

Spent good portion of today working on irrigation lines - cleaning ditches w/shovel. Burned a trash pile by orchard bridge. Brought stock back from lower pasture... hard to keep them up Pioneer and Rush Cr. Doctored Troys right eye which is swollen (mostly closed) and weepy, don't know what happened to it. Got things ready to go out and prepared lists for Bob.

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April 23 Sat

Arrived Taylor Ranch around 10:30

Lifted with Tim Allithie and off they

Flew hard to pick up two passengers

With Rigital Creek - nice flight in F-16

Two heads off Elk Flying in up the

Creek. Nice and green here now -

Off course - went up to shop and got

to working on stone boat got engine

house straightened and put back into

got side board in - rounded up some poles

for tanks and started off some plywood

for shingles - just about need new sides

all stone boat - cleaned all kitchenware

from this.

House from

old dried trail -

Apr 24 Sunday

Terigraphon night a learning

All + some black tie plates to nail

viscous on rock - got them

All done - got one post set

in fence west of lab - lots of rock

32 Elk in lower pasture this morning

Wax & running creek off road about

the dog. Just hunting seen it

old labbits - hit the ground

Dam windy this day

April 27 - Wednesday
Go & post in where gate is west
of home - home tree foot in hole - after
burnt process the creek in lower pasture
new one spring - got will the bridle
burnt to dry - post - post on
snow squally dry - snow down to it
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across the creek in lower pasture
lids of bare ground with snow - put
new school house in school - spent
some time with wife (getting more) across
the creek - lots of deer while walking
up cliff - Erie went all bedded
down in lower pasture this AM.

April 26, Tues.
Afternoon - Midday time
burnt process the creek in lower pasture
new one spring - got about 22 deer across
the creek while out there
snow squally dry - snow down to it
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some time with wife (getting more) across
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April 25 - Wednesday

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eaten alive. Bob's handywork looks good as usual.
Pack string went by this afternoon enroute to
Cabin Cr.

April 28, Thursday

Changed irrigations and dug out main and
spur lines in main pasture. Worked in garden
until torrential down pour put an end to that.
Went through mail, responded to personal and
business letters. Wrote Bob Difrazia from
FNAWS thanking him for support and explaining
sheep study plans.

While in Moscow earlier this week we met
with Ed K., Bill M., and Oz Garton on admin-
istrative business. Oz will be the director while
Ed is in Australia on a years sabbatical.
Also met with 4 summer people (3 interns and
maint. man) to explain what to bring and expect
this summer. Interns are: Tammi Lesh, Stuart
Markow, and Sarah Topp. Ranch hand will be
Hay Guse. Typical hectic Moscow trip but did
get a lot accomplished in short time.

April 29, Friday

Spent morning on business letters - to Ed K.,
the dean etc. Lynn ^{Clark} _{-vet-} flew in Bob Stoll at noon.
Oh ya, spent awhile rounding up herd which had
split into two groups, they seemed to sense some
thing was up! Helped Bob, and his friend Doug,
^(3way, flu, Potomac Fever) tube worm, vaccinate, and float teeth on eight
head. Bob took Toby, Queenie, and our horse
Feather around the corner of Rush Cr. to
be "put down" (via rifle), kind of a sad ~~day~~
day at Taylor Ranch... they'll be missed. ^{changed} _{expended}

38
April 30, Saturday

Did usual irrigation changes. Turned water on to duplex, no apparent leaks except west side shower drain leaks under building - we'll re-caulk it. Wrote several letters, cold & blustery outside, Holly potted garden seeds in flats and put some seeds in ground. Groomed horses/mucks, seems like a small herd now - it will be awhile before the three aren't missed.

May 1, Sunday

Did some house cleaning and got the duplex cleaned and ready for visitors. Had to replace valve assembly from floor to toilet on east side duplex as it was leaking. Snow squalls off & on most of day. Sorted through slides and Holly did more garden planting/planning. Usual spring chores. Beautiful evening. Cleared branches & rocks off air strip/hay field & checked on how the ^{new} grass was growing — looks good.

May 2, Monday

Shoed & Trimmed Mya and Lacy. Checked mules feet - ok for now. Mya was not as good as usual when shoed — we later noticed She & Troy had a swelling on the right side of their necks — from the flu (or 3 way) shot; Cricket & Top had a little swelling too; Troy was so stiff she wouldn't bend down to eat a pan of grain. The horses had been in the unfenced lower pastures (we are waiting for the elk to move to summer range before we put the fence up), but escaped into the

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main pasture this morning - we never did determine how they got here. We rode Cricket & Daisy to the timbered bench - they did super considering their age, experience, & they didn't have any other animals with them. We saw 30 sheep, 27 elk, and about 28 deer, plus Golda flushed several grouse. Changed irrigations, usual chores. Let horses loose across bridge - they didn't go to lower pasture, but 18 elk did. Saw 6 Kayaker zip by the ranch at 6 pm. Put seed trays in cold frame.

May 3, Tuesday

Hiked down to Cougar Cr. looking for horses and mules - still headed downstream so returned. Kayakers camped just downstream of ranch, saw them go by Cougar Cr. Did 3 or 4 loads of laundry. Jerry Tepson rode down with two bear hunters, had a nice visit with them. Took apart pilot apparatus on duplex water heater and repaired... orifice was plugged, works fine now. Replaced ^{toilet} float bulb assembly on west side duplex. Cleaned house in anticipation of parents coming in tomorrow. Changed & dug out irrigation.

May 4, Wednesday

Mail plane came in mid-morning bringing my parents. Holly checked horse shots - still some swelling on Mya and Troy. Spread some manure and tilled 2 beds for potatoes. Visited a lot. ^{Dad} changed irrigations as usual. Went through mail. Put together and tried out new vacuum cleaner they got for us.

May 5, Thursday

Planted potatoes. Dad used the handy-man jack to uproot two stumps in the yard. Corralled horses/mules and put on insect repellent. Dad, Holly & I rode down to Goat Cr., H. & I rode Daisy & Crickett... they're doing great. Holly & Ruth weeded gardens and dug a new garden.

May 6, Friday

Woke up to down pour. Holly and Mom worked on planning out flower gardens. Dad removed another stump. Dad and I turned on cookhouse water line, ended up having to patch 5 places in the main line where rolling stream rocks had cracked or kinked it, also reconnected soldered plumbing under cookhouse sink. Horses/mules snuck back into pasture from Rush Cr. so put across to Cliff Cr. again. Gave mules halter & equipped all animals.

May 7, Saturday

Dad and I did some lawn cleaning, mowing. Mom & Holly gardened and Holly worked on airstrip irrigation system - opened it up. Dad & Mom saw a herd of elk in the corral licking salt at daybreak. Bob Gillihan rode down from Cabin Cr. for a visit this afternoon. Excellent turkey dinner! Went to end of airstrip to show Dad erosion stabilization project.

May 8, Sunday

Spent much of today on landscaping projects - rose bed, trail widening up Taylor path, redoing garden in front of porch. Cleaned rabbit pen, irrigated as usual.

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Had an elk herd in the corral this morning. Repaired gate latch to corral shed. Made dinner for Mom for Mothers Day. Many cribbage matches this evening.

May 9, Monday

Dad, Holly, & I rode Troy and the young mules up to the gooseneck. Packed and distributed molasses warming blocks - on Rocky... strategically located for the sheep. Saw two el. ♂ rams today, along with the usual sheep, deer, & elk herds. About a dozen elk were in the corral again this morning licking salt. We also saw 3 steelhead 1 - 1½ miles upstream.

May 10, Tuesday

Did morning irrigation changes. Dad and I replaced another leaky span of cookhouse waterline. Harnessed Rocky & Tip and hauled 3 propane tanks ^{to cabins} and 3 manure loads to lower garden. Dad rigged up plow and we used the mules to plow the garden - not perfect but well broken up. Tough pull too as Rocky snapped a single tree. Dad & I lost championship cribbage match to Mom & Holly! Other things done today were toilet augering of Arlows and getting the weed-eater running.

May 11, Wednesday

Ray flew Ruth & Jim out at 8:00 am. Worked on airstrip irrigation ditches. Made up a hardware list and materials list for building a new stoneboat. Wrote up a summer schedule/calender for ourselves.

and one for Oz. The horses had escaped from the lower pasture (no fence up yet) and were found behind our cabin when we returned from Rush Cr after checking for migrating sheep. We didn't see any sheep up Rush Ridge but did see 5 rams (2nd, 3rd) on E. Rush. Rode Cricket & Daisy on the airstrip and to the 1st bench to check the molasses block. The girls did very well - neck reining a little and responding well - except Cricket wouldn't budge in crossing the bridge.

May 12, Thursday

Started the day by burning brush, old poles etc. north side of corral and by bunk house - hot task, over 90° today. Holly cleaned out shoeing equipment - sorting out worthless junk. Spent ½ the afternoon and all evening putting up the lower pasture fence. Holly worked on irrigation ditch expansion in lower pasture, streams coming up with heat wave. Marmots expanding their colonies in lower pasture, young ones out now too. Vacuumed house while generator was charging battery - vacuum cleaner a real luxury! Checked Rush Cr. for migrating sheep - none observed.

May 13, Friday

Dug out main irrigation ditch from Cliff Cr. where water was overflowing. Turned off irrigation to airstrip, since a puddle

was forming at the base of the hill. Changed other irrigation ditches. The horses returned to the lower pasture from the S side of Big Cr - crossed Big Cr in high water. Jim fixed ^{hand} weed wacker and trimmed edges of lawns at Taylor & Duplex. Pruned pear tree on N Side Big Cr. Let Troy, Daisy, Cricket, & Top in yard for some lawn mowing. Repaired another leak in cookhouse waterline.

May 14, Saturday

Did yard work. Rode & trained the young mules for a few hours. Irrigation changes as usual. Put 4 animals in lab yard to trim grass & weeds. Shot my bow a lot. Fly wiped all horses/mules. Elk used lower pasture this morning but miraculously left the fence intact. Looked for sheep migration up Rush Cr., saw nothing. Emptied Kerosene barrel and restarted refridge... tried to adjust to make more efficient.

May 15, Sunday

25 elk in the lower P. this morning, loosened the fence a bit as they fled. Rode the young mules up to Cabin Cr. Visited Bryan Nelson's camp tending for Jerry Jepson. Noticed several buildings had been marked & numbered by the FS for demolition. Hot today, saw one rattlesnake at edge of property.

May 16, Monday

Spent a good part of the day getting things ready for trip out. Got Arlows ready for occupation again. Both waterlines were debris plugged today, dug ours out. Fly wiped horses. Helped out Mick ^(box) from Salmon who had a slightly lame horse. He was trying to go over Stoddard Trail to Corn Cr. but had to turn back due to deep snow. Mick started at Meyers Cove, said trail along Middle Fk. was in poor shape... saw many rattlesnakes. Moved furniture out of west duplex so Ray can sand floor.

May 17, Tuesday

Flew in at about 3:00, Jim showed me what needs to be done. He and Holly left on my plane for 5 days vacation. Weather was bad on the way in and we wound up coming down the middle fork. Holly planted vegetables before we flew out.

May 18, Wednesday

Elk tore out fence in lower pasture. Took less than 1 hr. to repair. Sanded floor in left side of the duplex, about $\frac{1}{3}$ done. All of my gear and food is unpacked and organized. Put fly-wire on the horses & mules.

May 19, Thursday

Elk took out the lower pasture fence again. All of the stock went on an expedition, went up after lunch and brought ~~the~~ them down from the second branch. Sanded on

the duplex floor again, and it's about $\frac{1}{2}$ done. I can see a herd of elk slowly making their way down from the 3rd bench, obviously on their way to raid the lower pasture.

May 20, Friday

I spotted the elk back up the mountain last night just before dark. The fence was intact this morning. He nearly completed sanding the duplex floor. I started the irrigation to the orchard. Put fly-wire on all of the stock except Pepper, who just wouldn't let me get close enough.

Clem Rose and two other Forest Service personal stopped by this morning on their way from the Flyway R to Salmon rock. Clem has a new working set cabin back Tuesday some of the upper buildings above. They said if we need any windows, tools, sinks, etc. to get up there before they dispose of it all.

May 21, Saturday

Finished all the sanding in the duplex, except in the corners etc. - which needs to be done by hand. Fell and bucked some trees so that there is now an unobstructed view of the bridge across Big creek, from the Taylor cabin. 13 sheep just above lower pasture this afternoon.

May 22, Sunday

Ray & I started up propane appliances in cookhouse and straightened up place, also mopped out bunkhouse. Holly planted flower garden. Ray, H., & I rode up to Cabin Cr. with 3 pack animals - the ranger left word for us to "take what we wanted." The items we want are not very packable so we came back empty, except a rake. Stopped by Jerry Jepson's camp on way home - visited with Brian, Darrell, Allred & Karin (Darrell's wife)... they fed us soup & brownies.

May 23, Monday

Did yard work this a.m. (Ray) and Holly and I started the mule shoeing. Ray A. flew in around noon with the 3 summer interns - Stuart Markham, Tammi Lesh, and Sarah Topp. Ray A. flew Ray B. & I up to Cabin Cr. so we could salvage some things going into the dump... we got a refrig., water heater, ABS pipe (1 1/2"), 2 water hydrants, and ± 30 8' 1" x 10" rough cut planks. Holly continued shoeing and the interns got situated and hiked around ranch area. Showed the interns the ranch & buildings, they helped shoe then went to see the sheep on the 1st bench.

May 24, Tuesday

Finished shoeing Rocky, Tom & Daisys front feet. Interns moved lumber to the cookhouse; Ray weed-eated our yard. We all skid logs with team from tent site to corral to build hay mangers. Hauled refrig & salvage

material to lab & shop with wagon. Sarah, Stuart, & Tammi learned to shoe (rasp & nail) and ^{ground} drove the team. After work we all rode Troy, Daisy, Cricket, Rocky, & Top. on the airstrip & showed students how to saddle & harness animals. Jim & Ray replaced Arlows toilet with the one from Cabin Cr. Interns sanded west duplex floor & vacuumed sawdust. ~~Kari~~^{Kari} came down from Cabin Cr to visit & we showed her around the ranch. Had the first barbecue of the summer at the lab yard.

May 25, Wednesday

Made an assault on Cliff Cr. lambing cliffs. Ray and I hiked up the Horse Mtn. side into the burn while Holly took the interns (Sarah, Stuart, and Tammi) via horse/mule to the drift fence on top of the cliffs. Both groups counted 10 ewes with 9 lambs! Ray and I hiked back and put the first coat of varathane on the west duplex floor and window sills.

May 26, Thursday

Continued sprucing up duplex. Sarah & Stuart linseed oiled three sides of building - moving wood pile, and refinished front baseboard. Tammi and Ray put 2nd coat on duplex floor. Rod flew in with Ole Olson from weather service, plus Ole's inlaws... which Holly entertained. Ray & I went with Rod taking Tammi up to Chamberlain to work on one project for a week. Then we searched for lambing areas on Middle Fk. and Red Mtn. →

May

Had no luck with aerial search, got quite bumpy! Holly and Sarah & Stuart cleaned out cookhouse waterbox. Holly harrowed garden and made planting beds, S.E.S. planted some of their seeds. Ray & I made runners for stoneboat. Made plans for trip to Big Hill / Golden Cr. tomorrow.

May 27, Friday

Got up early, packed gear and loaded horses/mules enroute for Golden Meadow. Five of us took 5 riders and 3 pack animals. Got to Golden Meadow late afternoon. Set up camp, tended to stock and then we hiked down the ridgeway trail devolving Papoose and Golden Creeks. Ray and I saw a big-old billy goat in some rocky bluffs just off the Papoose side.

May 28, Saturday

Ray and I went down a ridgelein offering a good view of some likely looking climbing cliffs in Papoose Cr. (east side Papoose Cr. and at Papoose Cr. forks). We saw nothing in the way of sheep. Holly, Sarah, Stuart hiked down ridgeway trail to get better vantages of lower Golden Cr. They will stay 2 more days and then pack ^{home} back. Ray and I brought the eight horses/mules back to Taylor. Saw a young black bear at mouth of Goat Cr. Put stock gear away and recovered from trip! Threatening to storm this evening... windy.

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May 29, Sunday

Ray and I put another coat (3rd; final) on the west duplex floor. Spent most of day on stoneboat - interior bracing. Did a few saddle repairs. Had a group of Kayakers (6) stop by - they were cold so we gave them hot tea and coffee and talked about the ranch a bit. Totally miserable weather today - a cold rain. Holly, Stuart, Sarah returned at dinner time. They got snowed out on the lambing area survey.

May 30, Monday

Holly got Stuart & Sarah going on plant mounting for herbarium collection. Ray and I made good progress on the stoneboat, tongue assembly is about all that's left. Put stove back in duplex and started fire to "cure" finish. S & S and Ray put molding back in place. Continuous rain all day, looks like we'll exceed yesterday's .68 of precip.

May 31, Tuesday

Moved all the furniture back into the duplex and S & S thoroughly cleaned both sides. Ray repaired (replaced) broken slats ^{of} the beds. This cold snap has caused several small birds to die so Holly showed S & S how to do bird study skins, they stuffed Western woodpeckers. Ray & I finished main part of stoneboat - it's a custom delux! Ray saw a ram from Arlows Kitchen. We also saw 11 ewes and 7 lambs in the cliffs up Cliff Cr. Fished this evening, caught a few "cuts."

June 1, Wednesday

Another gloomy, rainy day. The mail plane was unable to leave Cascade, thus Oz & Tammy did not return from Chamberlain. Stuart mounted plants, Sarah stuffed a Western Tanager, and so did Holly. Ray and I built the removable box for the stoneboat. We also put up a new pole at N. lab fence and began building a new double tree assembly from old hardware off of broken trees. S. & S. went to vantage points to the Cliff lambing area. Sarah came up with 7 ewes & 7 lambs w/spotting scope. Stuart saw 4 ewes & 2 lambs - presumably part of same bunch. Holly worked on business mail. & weather report.

June 2, Thursday

The plane came in early with John Hendee, Ed Krumpe, Paul ~~Winegart~~, and Karl Kilgore. We gave them a tour of the facility. Ray brought the mail in late morning and then went up to Chamberlain bringing back Oz and Tammy. Paul W presented his experiences with his Wilderness Management School. John wants Paul to run such a course here at T.R. Took Oz on a tour and described some facility needs. Had a big evening barbecue, potluck style. Stuart & Ray worked on cookhouse refrig doors. They are off for 4 day weekend

June 3, Friday

Ray flew in early to pick up crew. He shuttled to Cabin Cr. for greater ease of takeoff with 5 people. John, Ed, Oz, Karl looked at cabin salvage potential while at Cabin Cr. Ray, Sarah & Tammy headed

off for Terrace Lakes. Stuart hiked up Cliff Cr. cliffs looking for sheep. We sorted through mail, went fishing, took the young mules for a ride and relaxed a bit.

June 4, Saturday

Had a spectacular sheet-lightning storm last night. Fashioned two Hawthorne blanks into respectable looking single trees... slow job, that stuffs tough! Holly planted tomatoes and Irises. Shot bow a lot and wrote letters. Kind of hot and muggy today, mosquitoes are out now.

June 5, Sunday

This morning Alice & Lee Sutherland flew in with Lee's little Piper colt and visited most of day. Lee offered to fly me over Wall Cr. looking for lambs so I took him up on it. Once we got up it was very bumpy and we had to fly back to Cabin Cr. due to Rush Cr. wind. I hiked back to ranch and Alice did vice-versa. We did fly over Wall Cr. but saw nothing. Holly took her mule for a ride. Sarah, Tammy & Ray returned from Crags with lots of stories!

June 6, Monday

Jim & Ray completed doubletree/singletrees assembly & declared it the first & last home done trees due to the amount of time necessary to complete a set. Holly supervised Tammy, Stuart, & Sarah laying carpet in lab; also

Cutting linoleum for closet & bathroom; planing front door; misc. cleaning. Sarah & Holly connected Cabin Cr refrigerator up, only to discover "the guts" were missing. We'll try to substitute guts from another junker frig tomorrow. Stuart mounted plants. We dug out ditches & watered the lower garden - Sarah & Stuart both had plants coming up. Checked fence between Lab & Cougar pen - 2 broken poles - horses have been jumping into hayfield from Pioneer Cr side. Jim & Ray dug out cookhouse waterbox to restore water pressure; cleaned filter screen in hot water heater. Fly wiped horses. Ray changed irrigation.

Tuesday, June 7

Elk broke the fence to the lower pasture. Jim & Sarah repaired it. Ray & Stuart dug out irrigation ditches in the orchard and installed culverts over the trail. Tammi finished cutting linoleum for ^{up}bathroom; T & H sanded bath & closet then installed/glued linoleum. Holly worked on refrigerator again - hooked up pilot from brown frig & got it going, but not very cold yet. Jim & Sarah cut & skinned 5 birch poles & repaired pole fence between cougar pen & lab. Ray irrigated. Stuart glued another set of plants. The whole group worked on building a hay feeding manger. Henry wrote to Oz.

Wednesday, June 8

Jim wrote Steve Bunting; Holly wrote Ed K & went through our slides & picked out 175 for Ed to select from for his Australia trip; also selected 40 slides to be made into prints for scrapbook. Sarah & Tammi caught & harnessed the team. Jim drove the team & everyone helped load a refrigerator onto the new stoneboat for its maiden voyage. Ray A. flew in with mail, groceries, & lumber just as a thunderstorm hit. Everyone dashed to the house with "mail" for coffee & toasted cheese sandwiches. Ray flew the refrigerator (from shop) out to be junked. Moved propanes to cookhouse, lumber, linseed oil to shop and 4 boxes of groceries to Lab for Oz on the stoneboat. Spent the rest of the afternoon on hay mangers. Daryl & Carrie Allred and Dean Pogue came down from Cabin Cr for a BBQ and tour of the place. We all got together for ^{potluck} dinner at the lab pit. DEC'd left for Cabin Cr on horses at 9:30 pm.

Thursday, June 9

Jim, Stuart, & Sarah went on a 3 day backpack trip to Wall Cr. in search of lambing areas. Ray & Tammi worked on corral gate/fence by new mangers. Holly made phone calls & started a letter to FNAWS - a thank you note. H cleaned & oiled 2 saddles. Jack Magee flew in with Jim Peck to drop off a load of gear. They will return

Sunday. Ray, Tammi, & Holly rode to the Cliff Cr lambing area to get a composition count. We saw at least 13 ewes & 10 lambs. Cricket was acting up on the trip down; it appears that her kneecap may be out of joint.

Friday, June 10

Tammi & Ray continued work on the new corral bar gate & fence section for most of the day. Holly wrote up sheep lambing information from the last 3 weeks and a data sheet for future lambing observations. Put one bag of 16-6-8 fertilizer on the yellowest grass in the main pasture. Washed 5 saddle blankets/pads in the wringer & irrigation ditch. Ray put 3 magnetic latches on lab cabinet doors. Checked water boxes; cleaned west side, east side clear, but water pressure is low in lab. Sarah, Stuart, and I returned from Wall Cr. via the east fork of Dance Cr. We were unable to find ewes with lambs in either Golden or Wall Cr.

Saturday, June 11

The interns spent the morning putting linseed oil on the barn and stonebat. Ray repaired refrigerator door latch and mowed lab yard. I used weedeater on our yard and around duplex. Ray H. flew in mid-morning with Holly's sister Val. Val and Holly worked on figuring out what

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Crickets problem is after Holly called Bob Stoll and the local vet school it seems unlikely that the patella is out of place or she would be totally lame. Val just finished vet school so she's a big help in diagnosis. The afternoon was spent cutting poles and floating two ^{pole}rafts from 1 mi. upstream to the end of the airstrip, everything went smoothly. Sarah baked a blueberry crisp and Holly & Val made cookies so everyone was up for goodies this evening.

Sunday, June 12

Gave the interns today off. Jack Mathee flew in mid-morning with the Peeks. Pat stayed here while Tim was shuttled down to "the B" to get his horse & mule and ride them up. Jack flew me over Wall & Golden Cr. and once again no sign of lambing ewes. Holly and Val got packed up and took Troy, Daisy, and Aliya upstream for the overnight. Ray and I hauled all the poles via mules and stoneboat to head of airstrip. Also used the team to skid a big rock away from feeding trough. Ray painted some signs. Tim Peek arrived at 6:30 from "the B", he made excellent time... 7½ hours! The Peeks provided strawberries & shortcake for dessert for everyone tonight.

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Monday, June 13

Sarah, Stuart and Tammi spent the morning skinning fir poles. Ray, Tim P. & I shod Tim's mule - she was quite a challenge but we got her done. Ray & I worked on new tongue for mowing machine in the afternoon. Tim P. showed the interns how to do vegetation transects on nob west of Cliff Cr mouth, and on second bench. Ewes with lambs (10 & 6) were also on the 2nd bench. Holly and Val returned from Mike HI. with Troy, Miya, Darsy just in time for big barbecue... usual potluck style.

Tuesday, June 14

Got invite to Jerry Tepson's camp dinner by Carrie. Saddled up and went up to old enclosure site up Cave Cr. Sarah, Stuart, Tammi, Pat & I helped Tim P. do a variety of vegetation transects, both inside & outside the enclosure. The trip had a few events... having to do trail work to get around a fallen cottonwood tree and Tim P. getting thrown out of the saddle when his mule stampeded. (^(He was lucky to not get hurt)) Holly, Val, & Ray worked around ranch - laying carpet in floors, watering lawns etc. Ray sharpened 3 cycles for mower. Everyone converged on Jerry's camp for dinner, Carrie prepared a "smorgasborg" of a meal. Rode back to ranch arriving at dark. Had to change propane at duplex before hitting sack.

Wednesday, June 15

I spent the
day with
Jim P.;
was quite
fine. Ray & I
using machine
tried the
insects on
the and on
the (10:6)
Holly and Val
Ray, Miya, Deisy
... usual

One event from yesterday was Tim from
"the O" stopping in with his (½ his, ½ Dick
Williams) cub plane. The interns & the Peeks
seemed to survive yesterday's travelling well, as
they went back to plot work on the
sagebrush flat and across Rush Cr. - clipping
and ^{measuring} twigs samples. H. & I mowed
the airstrip smooth with Rocky & Top. Ray &
flew in with the mail around noon. Used
the team & stoneboat to haul another junk
refridgerator from the lab to airstrip. Ray G. made
a backup plot square for J.P. and we painted
all plot tools red & white. Replaced broken
cockhouse window (glass) with plexi-glass.

Thursday, June 16

(J.H. took day off)
Everyone, except me, continued doing
vegetation plots at the mouth of Rush Cr.
I rode Troy up to Carl's Rush Pt. camp
to check on it as he was curious about
its condition.. with good reason, a bear
had totally devastated his cook tent! Spent
the afternoon cleaning the aftermath. Had
a big potluck barbecue this evening. JP
Saw 20 sheep on 1st bench, 8 were th.
years lambs. I saw a bachelor herd o
rsons 1½ mi. up Rush Cr. of the 9
rams 3 looked like el. Ives. Holly
raked hay on airstrip. Interns swept out & tidied
up lab; ran sprinklers. Ray did irrigation &
odd jobs for several hours.

Friday, June 17

Interns & Peeks did plots in Ninebark (Pioneer Cr) and a mahogany stand (upper airstrip trail). Holly tried to set up computer, printer & battery charge - batteries dead will have to try again later. Jim wrote up a letter to FNAWS about our sheep project. Watered lawn, misc chores; Ray irrigated then took the day off. Stuart replaced a screen in the cookhouse door. Had a barbecue.

Saturday June 18

We rode to Ram Canyon for a cliff climbing transect for mountain mahogany. Ray A. flew in with mail - a surprise visit. Jim & Ray G. shot marmots in the lower pasture - the population has increased this year and their burrows around the gate is are dangerous for horses/people to step in and break a leg. Ray sharpened ~~gross~~ (rip) chain saw and sawed fence material. J&H + plant crew rode up Rush Pt trail looking for rams. We saw 1 young ram & a bear twice + rattlesnake. Sarah's glasses were peeled off in the brush & stepped on (squished) by a horse.

Sunday, June 19

Interns had the day off. Stuart hiked to the top of Dave Lewis Peak, returned to the ranch then hiked to Horse Mt & arrived home at 11:30 pm. Sarah & Holly did a 23 mile trip towards the Erags looking for Sarah's cache - didn't find it. Tammi went fishing & floating. Jim & Ray ripped a pine tree and made 13 sets of cross bucks; replaced handles on sledgehammers. The Peeks hiked up Cliff Cr to the top. Today the temperature got up to 95° - very hot for all our hikes. We had an end of Peak visit barbecue.

Monday, June 20

Had the Peeks up for dinner. Hauled yet another refrigerator to the strip for Ray to fly out. Jack M. flew in first and picked up the Peeks. Ray A. later flew in with Steve Bunting, Penny Morgan, Bob Stoll (vet), and Ray G.'s sister Barbara. Loaded refridge in R.A.'s plane. Helped Bob Stoll x-ray Crickett's stifle joint. Everyone (except R.G.) on days off. Steve & Penny went down to Cougar & Goat Creeks sampling for Knaps weed. They saw a young bear at Goat Cr. Ray G. did fence repair south of airstrip. Went fishing, caught a 17" Bull Trout. Had a cribbage party at our place tonight.

Tuesday, June 21

Steve, Penny, Holly, Sarah, Stuart & Tammy took horses / mules down to Soldier's Bar to survey for knapweed, they found two patches at either end of the airstrip. The ford at S.B. was difficult, Holly had Daisy fall in with her Ray G. and I did fence repair / rebuild on south side of airstrip and at mouth of Rush Cr. The Bartons and Pat Hayward showed up mid afternoon with their four horses. Had a big barbecue up at the lab this evening.

Wednesday, June 22

Ray A. flew in with the mail at 7:15 this morning. Steve & Penny took the interns to Goat Cr. today to do more knapweed plots. Holly, Ray G., and I moved all the fencing material into position at the lower pasture - using Rocky & Topper for pole skidding. The Bartons & Pat got rained out of a horse trip up Pioneer Cr. to look for small mammal sampling plots. Had an intense afternoon thunderstorm. A large pack string from "the B" enroute to Root Ranch passed by, we visited a bit with Tim while working on fence.

Thursday, June 23

Steve and the interns headed to Cabin Cr. doing more Knapweed survey. Oz and his crew also went to Cabin Cr. and then up the drainage. Ray G. and I spent the day putting up the rail fence on North side of lower pasture. It was a scorcher today - 95° in the shade! Holly worked on business letters to FNAWS and figured out how to operate the new ink jet computer printer. She also butchered 4 rabbits.

Friday, June 24

The interns and Ray took today off. Ray, Tammi, Sarah went back up the Waterfall Cr. trail looking for Sarah's Cache. Holly and I shod our young mules. Oz & Pat hiked up Cliff Cr. trail to the top looking for small mammal sample sites. Con and crew showed up just before dinner with our new horse "Ben" in tow. We had them stay for dinner. Cleaned buildings up a bit in preparation for Dr. Gibbs visit scheduled tomorrow. Met with Oz to discuss TR. business late in the evening.

Saturday, June 25

Bill Doris flew in early with Dr. Gibbs, (son) Rich Gibbs, and Rich's wife Annie. Fed everyone (Gibbs) breakfast and got caught up on latest outside happenings. Gibbs spent the rest of the day fishing. We did yard work and washed pack saddle pads in the morning. The afternoon

was spent digging out lower pasture ditches
and wacking out thistles. Had to doctor the
new horse Ben who got rammed into the barb-
ed wire by an aggressive Rocky. Also gave Ben
a 3-way and Potomac Fever shot. Had
a major afternoon thunderstorm, which
quit for an evening barbecue but resumed
again before dark. More Kayakers stopped by
to visit - they said there was an article on Kayaking
Big Cr in the May issue of Canoeing Magazine - that explains
the heavy use of Big Cr by Kayakers this year.

Sunday, June 26

I rode down to Middle Fork with
Drs family and Pat, looked at Ponderosa
Pine fire scar frequency at Waterfall camp.
Saw many floaters on the Middle Fork.
Mike Dorris picked up the Gibbs at noon.
Holly ^{tinkers} stuffed birds in lab. The interns
linseed oiled the Taylor Cabin. Ray G.
built a frame for T.C. solar panels.
More sudden thunderstorms today.
Put Ben on penicillin for wine cuts.
Had backpackers Jeff and Beth over
for dinner tonight.

Monday, June 27

Pioneer Aviation flew in this morning
with state Senator Atwell Parry from Melba
and Ray Stark, financial analyst for JFAC
Chas of Senate Finance Comm.
(House appropriations committee). We gave them
a tour of the facilities and talked about
research at Taylor Ranch. Ray G & interns
cut down a tree with the crosscut saw
after visiting with the group. We hitched
the mules to the wagon for a wagon

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ride up & down the strip. Oz & Ginny learned to drive the team. Interns set up a 65 trap small mammal trapping grid with Oz on Pioneer Cr. We had a big spaghetti feed pot luck at the lab with everyone. More shots for Ben. Pat worked on vegetation overlays. Oz & Sen. Parry went fishing after dinner. The water has been cloudy for 2 days from thunder shower activity.

Tuesday, June 28

Senator Parry & Ray Stark flew out at 7:30 AM with Jeff from Pioneer Av. Interns checked traps at 6AM & reopened traps at 8pm. ~~Ray & interns~~ ~~etc etc~~ worked with the crosscut cutting up the log in AM. Holly gave Ben a shot & brought Lady & Mya over for shoeing. J & H talked with Oz on Taylor Ranch business most of morning. Spent the afternoon showing students how to shoe & trim hooves of horses. Had a "last night with Gartons" pot luck with leftover spaghetti.

Wednesday June 29

Ray A. flew in early with the mail & groceries. Interns checked traps, marked mice; reopened traps in PM. Finished shoeing Lady & Mya with interns. Also "shoed" Troy & put impact pads on Ben's sore feet. Gave Ben penicillin; groomed horses; fly wipe all of our animals & Jim Reeks. Oz & family headed toward Big Cr at 10AM. Deer in the garden as usual.

F-1
Thursday, June 30, 1988

Day off for everyone but Ray, Jim & Ray worked on projects in shop, irrigated, did laundry. Interns checked traps. Holly, Tammi, & Sarah backpacked to Dave Lewis Peak via E Pioneer Ridge. Saw a mountain goat at Buntler lakes. Stuart caught up on personal chores. Jeff Yeo arrived at TR - backpacked from Big Cr. Jim & Ray oiled hayfork track and burned a brushpile.

Friday, July 1

Jim Peek flew in, then Jim, Ray, Jim P, and Jeff rode to Mile Hi where they did a range transect. Holly, Sarah & Tammi hiked ^{climbed} around the Dave Lewis Peaks then came down W. Pioneer Ridge - saw 2 class II rams. Stuart ^{trapped} stayed around the ranch. Coris assistants stopped by to borrow 2 bags of hay cubes - Stuart helped them. Laurie Matthews ^{USFS (Wilderness Ranger)} delivered 2 books from Jerry Jepson's camp & stopped to visit, but no one was home.

Saturday, July 2

Holly started cutting hay in the pasture near barn & bridge. Sarah & Tammi checked main pasture for rocks & soil that could be put in ditches during haying. Tammi helped with mowing - cleaning bar & driving team. Interns

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mowing -
Interns

still trapping for mice ~3 hrs/day.
Stuart mapped out mouse trapping site
for Cz. Jim P & Jeff headed to Big
Cr with Jim's horse & mule. Jim A & Ray
picked up Debbie Wilkens & John Lutmer at
Coxey Cr on the way home. Debbie & John
were interns ~2 yrs ago & are checking
in for a visit. Tim Keough from Flying B
stepped by in his super cub with Leslie,
an employee of Flying B. He wanted to talk
to Jim about what we would want Dick
Williams to do related to flying for
bighorn sheep in the cub. I showed
them around & had them up for coffee
since Jim wasn't here. Gave Ben shot, flying
all & irrigated.

Sunday, July 3

Jim & Holly cut hay in main pasture
after repairing lifter spring, which broke
yesterday while mowing. Ray & Jim
sharpened scythe bows. Ray cut brush
from ^{the} Pioneer Cr. Trail to the firewood log.
Interns still on long weekend - trapping
mice, fishing, & floating down Big Cr on
air mattresses. Had a pizza party at
the lab with everyone - Jim Peek sent in
a case of beer, too. Gave Ben penicillin
& cleaned out his wounds, & irrigation.

Monday July 4

Jim & interns ^{? Debbie & John} split firewood logs &
cut more pieces up; tried to skid chunks
with Topper, but they were too heavy &

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they would roll off the trail into Pioneer Cr. Holly finished cutting the main pasture and raked the lower part. Ray tried to sharpen the big crosscut saw. Everyone helped shock hay and load it in the barn. The weather has been hot, but the possibility of thunderstorms is predicted. Ray Arnold flew in this evening to take out Debbie & John.

Tuesday, July 5

The interns made the wagon ramp for crossing Big Cr. Ray & I made new harness holding stalls in the tack shed. Showed the interns where to mow, pack while it was raining. Ray made a couple halter ropes. Holly did some gardening. A warm breeze this afternoon made it possible to pick up a large wagon load off the main pasture, along the outer edge. Holly raked into wind rows inner part of main pasture during the evening. Wrote letters.

Wednesday, July 6

Ray brought the mail in fairly early today. The interns and Ray shocked hay on main pasture before lunch. Holly & I mowed upper main pasture. After lunch we picked up hay on rest of main pasture - 2 large loads. Still working out bugs with ^{airstrip} hay fork. Began mowing ~~main pasture~~, cut the outer edge.

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Thursday, July 7

Holly mowed about $\frac{1}{2}$ of the airstrip, she had an interruption period when Arnold's pilot John did some practice landings. The rest of us packed firewood with Topper, Lady and Miya. We used the metal boxes on Topper & Lady but Miya would have nothing to do with those weird metal cages. Had three groups of visitors this afternoon so didn't get much mowing done. First Wink and Barbara McDowell stopped by on horse, having come up from Boat Basin where they were camped with Steve Zettel. Then Jerry Jepsen stopped by, and finally Steve Z. stopped in with a string and the McDowell's grandsons. It sounds like the McDowell party had some outstanding fishing. Raked, shocked, and picked up load of hay from upper main pasture. Holly spent the evening on house cleaning. Tammi mowed yards.

Friday, July 8

John (from A.H.) flew in this morning bringing Doc for the weekend. Mowed remaining portions of airstrip. Holly & the interns improved lower pasture irrigation. Ray used a scythe on the dogbane and other weeds in lower pasture. Raked, shocked, hauled a wagon load - all that was ready. The interns worked on research project displays for lab. Had a steak barbecue - stk provided by Doc. Doc caught >50 fish today.

Saturday, July 9

Mowed northside pasture - protected wheels with rubber truck tires for fording. Shocked and hauled 2 loads of hay - one "huge" in the evening. Had to totally

overhauled new rail fence at lower pasture which had been overturned by some of Lin & Steve's escaped stock. A "scorcher" today.

Sunday, July 10

Cleared remaining hay off of airstrip - two wagon loads have been crew the afternoon off. Worked Crickett & Ben on reining skills. Steve Z. came down this evening with a packstring and stayed the night - wanted to have company on a fishing expedition.

Monday, July 11

~~Ray~~ John from Arnolds flew in this morning bringing in Walter Dunn from the also flew out Mac Johnson, having been appointed McCall Field Campus (Manager their). Went to work on pasture across creek, raked, stacked, and hauled ^{-6 loads-} 90% of it to the barn. Worked a long day since it was threatening to rain much of the time.

Tuesday, July 12

Picked up last load of hay this morning and wrapped up the baying process. Went to work on reopening the irrigation system - cleaning out hay and dirt plugs. Ray built some new cross bucks for west entrance gate and packed them down there. Holly and I shod Rocky & Top this afternoon. The interns picked cherries. Had a ranch barbecue - lots of music between Ray's guitar and Walters Flute.

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Wednesday, July 13

Gave the crew this morning off. Ray flew in early with the mail, plus he brought in Sarah's boy friend Craig and Tammi's sister Vickie, Walters. Spent the afternoon overhauled west gate fence-line.. new gate and new fence above trail.

Thursday, July 14

The start of a four day weekend. Holly, Stuart and Craig & Sarah headed for the Crags early. Tammi and Vickie hiked to Rush Pt. ^{Lookout} - said it was very "trashed-out." Rode new horse Ben up on benches, he's still a bit gimp in the front when coming down hill. Ray worked on bracing new fence in lower pasture so it's not so tipsy. Ray & I shot a few marmots - still too many dens over there.

Friday, July 15

Tammi, Vickie, and I took Troy, Rocky, and the young mules to the top of Horse mtn. ^{-walk-} Saw a half dozen cows with four calves once we hit top of ridge. Horse flies horrendous at higher elevations! Glassed for sheep in and around lambing cliff area. The young mules pulled out on us (lamey') just before dark and headed back to the ranch at a trot.

Tomorrow's plans will have to be modified. Ray worked on fence and gabion baskets today.

Saturday, July 16

Packed up our gear, plus 2 extra saddles, and headed home from Horse Mtn... walking

of course. Ray was surprised this morning in finding 2 extra males. Hay, busied himself with the gabion assembly. Went fishing this ~~evening~~^{afternoon} - caught several large bull trout, one 18-19" about 3 lbs. Also on return from Horse Mtn saw two groups of sheep - one of 7 (1 young ram, 3 ewes, 3 lambs) and one of 2 (ewe, 1 lamb). They were on 3rd and 15th benches respectively. Sarah & Craig heard rams butthorns 2" apart at Terrace Lakes; H & S saw 2 sheep at Birdbill Lake.

Sunday, July 16th

Stuart & Holly returned from Crags by lunchtime, spent rest of day unpacking, cleaning up & cooking for BBQ. Tamm & Vickie hiked downstream to fish & swim. Sarah & Craig returned from the Crags in the evening. Jim rode to Cabin Cr. to visit Con^d and/or Jerry, but no one was around. Ray worked on gabions. We had a BBQ for Vickie & Craig. Tamm saw sheep near the George; Holly saw moose & elk tracks at Cougar Cr.

Monday July 17th

Vickie flew out early today and the crosscut saw came in after being sharpened. Jim supervised the crew + Craig cutting up the firewood log up Pioneer Cr. In the afternoon they packed the wood to the woodshed riding Troy, Ben, & Lady and packing Rocky, Top, and Topper with wood packing boxes. Stuart typed his "Clare" research

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Summary onto the computer and went over editorial changes with Holly. Holly worked on menu plan /recipes/ grocery list for next week's visitors. - in between assisting Stuart with computer operations. Ray changing irrigation daily; sprinklers running in yards. It's been almost a month since we've had rain - everything is really drying out and the Ninebark is already turning red. Rode to Lobauer in evening, found some Knapweed (in Daisy's mouth). Stuart worked on small mammal trapping habitat map in evening.

Tuesday, July 18

Holly completed the grocery list and a hardware list; wrote a letter to Oz, (Carl Arnold), Garden Way Carts (incorrect bill), and Pioneer Equipment Co (where is the 3-horse ever we ordered months ago?). Jim et. al. → ~~far~~ packed firewood from Pioneer Cr (see yesterday's entry) in the morning. Ray changed irrigation and cut down deciduous trees at far end of airstrip on hill-side to improve view of wind sock, increase sun to hayfield (decreas horsetail growth), and provide firewood. Jim went with Con to Golden Camp & Papoose Lake for a few days off. Stuart & Tammi worked on the computer entering research summaries from past projects and editing, until the computer quit (laptop battery ran out of juice). Sarah took the afternoon off.

Ray, Tammi, & Holly worked Top, Ben, & Daisy on the airstrip in the evening. Jim ordered winter grain & hay cubes from Arnolds.

Wednesday, July 20

Charged computer battery from 12v battery - unsuccessful. Computer finally started after connecting to generator.

Sarah put "Thomas" Archaeology summary on the computer & edited with Holly. Tammi started on the computer, when it blanked out again - losing her new entry.

Ray, Stuart, & Tammi cut out brush below the Taylor Cabin in search of a septic tank drainfield leak. They discovered a solid metal pipe protruding from the hillside which appears to drain directly from the septic tank! Maybe no drainfield at all. Holly salvaged parts from the Cabin Cr refrigerator - before we junk it (fly it out). Tammi & Holly tried to replace broken refrig. latch in the cookhouse with salvaged parts, but they weren't interchangeable. Cookhouse refrigerator not staying very cold. Craig flew out on the mailplane; Doni (works for Arnolds) flew in on a visit & we showed her the place. Scott [?] flew to Cabin Cr on the mail plane ^{& hiked down} [?] & stopped to visit Tammi.

Ray & Stuart continued to cut down trees along airstrip, cut into firewood, and pile brush. Fly wiped horses. Still have rabbits to feed & water daily. Sprinklers & irrigation can't keep up with the dry, hot weather's effect on the grass. The air is slightly hazy from distant lightning strike caused fires.

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Thursday, July 21

Stuart got up at 5AM & hiked to Goat Cr for a sample of Knapweed to compare to the unopened flower of the sample from Lobauer - his conclusion - they are the same species. Ray Arnold flew in at 7AM bringing two of Ray Guse's sisters, Judy & Sharon. Ray showed them the ranch then they headed downstream for a 6 day trip to the ^{Bright} Crags & Mt McGuire summit. The Interns changed sprinklers and irrigation. Ray Arnold flew in again with Jerry Evans (Superintendent of Public Education in Idaho) and his family (Phyllis, Andy, Cathy, and Steve) for a visit while they were on a scenic tour of the backcountry. Jerry took the family on a tour of Taylor Ranch then we all visited over coffee. After they left Sarah, Stuart, & Tammi hiked to Lobauer to map, sample, and collect Knapweed at that site for Steve Bunting. Holly tried to charge the computer via generator then change the computer commands so it will accept a charge from the automobile adaptor - hope it works! Tidied the living room (before company) and caught up on several small jobs - Taylor Book, irrigation to the airstrip, watering the garden & yard. Jim returned from Papoose Lk. - extremely hot descent back into Big Cr canyon. The interns worked on their research abstracts. Computer on the blink. Very smoky from fires in the area.

Friday, July 22

Spent the morning on yard work around the upper buildings. In the afternoon we harnessed the mules and hauled 6 stackboat loads of deciduous firewood to top of airstrip, also split and stacked the wood. Holly still couldn't get the computer to function so she called Pat Hayward who looked into the problem for us. I called and left message with 1566 prof. (Wayne Minshall, zoology), saying they could base at T.R. while doing an aquatic survey next week in this area.

Saturday, July 23

Spent majority of day hauling, splitting and stacking firewood. Have cleared a substantial swath along S. side of airstrip to expand pasture and increase wing clearance for planes. Dan stopped by for visit en route back to Cabin Cr. with pack string, he said 2 moose were in Goat Basin - a cow w/ young calf. Holly, Sarah & Tammi rode to Goat Basin and watched / photographed the moose this evening. Ray R. flew in with Monday's a large load of groceries for ~~tomorrow's~~^{Mondays} visitors... stuffed refrigerators to the gills! Holly wrote letter to Prof. Minshall about our accommodations, fees, etc.

Sunday, July 24

Most of the day was spent in preparation for the group coming in tomorrow - cooking, cleaning etc.

Monday, July 25

Early this morning Bob's Aircraft from Challis flew in with Bruce Wiersma and Dennis Kaiser from INEL. Later in the morning Jack Magee brought in John Hendee, Oz Garton, and Mike Scott. Discussed research program between Hof I and INEL for several hours. Took the group, ~~except JH~~, on ride up Rush Pt switchbacks. Had ranch barbecue.

Tuesday, July 26

Rode up to Cabin Cr. today to discuss the building salvage and logistics. Stopped by Tepson's camp and visited with the Allreds and crew - they served us lemonade... a real treat on this 100° day! Holly worked with the interns ^{on Rush Cr. irrigation ditches} ~~soon research write ups~~ ^{research write ups}. Had another barbecue and more business discussions with the INEL folks this evening. Ray & his sisters returned from Crags

Wednesday, July 27

This morning planes from Challis & McCall hauled the group out, then Ray Jr. flew in with the mail and took out Ray & his sisters. Continued Rush Cr. ditch project - fortifying diversion dam and digging ditches deeper. Rush Creek may be too low for this project to work.

Thursday, July 28

The start of 4 days off for the interns and us, we are headed on a pack trip up Big Cr and Monumental - the interns will get intensive packing instruction. Started late morning

Kari Darl

and had lunch at Carrie and Darrel's
camp at Cabin Cr - Carrie had prepared
a gourmet lunch. Moved on to Coxey hole
and camped there. Ray G. is "manning" the ranch.

Friday, July 29

Got a late start from Coxey, but
eventually packed up and went to Simonds
strip on Monumental... long hot day.

Ray overhauled the corral fence back at T.R.
Saw a bear in lower Monumental.

Saturday, July 30

Got up early and rode up to Van
Staddens (1 mile). Spent several hours visiting
with the Van Stadden family. Eve fed us
a large lunch before departing. Rode from
M. Ranch to a campsite on the W.F.K.
of Rush Cr. Back at T.R. Ray worked on
Rush Cr. ditch and brush clearing. Saw 3
moose (2C1B) in Monumental plus herds in both drainages.

Sunday, July 31

Packed up early and went from the
W.F.K. Rush to T.R. - another hot & dusty
trip. Spent the balance of the day unpacking.
Ray worked on L. pasture ditches, cleaned
lab & duplex for ISU group coming, and
changed oil in generator and wash machine.

Monday, Aug. 1

Holly worked with Sarah & Tammi on
research summaries on the computer. Took care
of some business letters & calls. Ray & Stuart
spent the day on Rush Cr. irrigation

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system - we now have ample water to flow across lower third of strip. Had to remove inverted pipe at plane touch down point as it had been smashed in several places by the mules/horses. This evening Wayne ^{& Judy} Minshall (ISU) came in with 3 pack horses and 4 assistants; he'll be conducting an invertebrate aquatic survey on Big Cr. - he's already done the middle FR stretch. Got them situated in lab & duplex. Had a birthday celebration for Tammi.

Tuesday, Aug. 2

Spent most of day on airstrip irrigation, while Holly worked with Stuart on the computer. Tammi & Sarah packed and cleaned cookhouse in preparation for their departure tomorrow. ISU crew continued aquatic survey near the ranch. Had a end-of-season barbecue for the interns, although Stuart will stay on for 1 week or so.

Wednesday, Aug. 3

Interns finalized packing this morning and then flew out on the mail plane. Showed off the mule team to Wayne & Judy and then they (the ISU crew) loaded their horses and headed upstream. Completed digging out Rush ditch to middle of airstrip. Groups from both outfitters at Cabin Cr. stopped by to visit so we served lemonade - pop etc. but prepared for Oz, Milligan, & Butch Fullerton trip in tomorrow. The drainfield and gabions will be discussed.

Thursday, Aug. 4

Jack Magee flew in early bringing in Oz Burton, Bechtel Fullerton (Phys. Plant), and Tim Milligan (Engineering Prof.) First we discussed drain field problems and Butch recommended a cesspool box to compensate for our lack of a drain field. Then we discussed strategy on the gabion project and went over Milligan's plans on-site. The group stayed in until 6:00 pm when Jack came back from Cabin Cr.

Ray & Stuart began digging cesspool pit, and went a couple feet down. Holly prepared to go out tomorrow. Forty-one elk on the 3rd bench - 23 cows, 17 calves, 1 3 pt. bull.

Friday, Aug. 5

Ray A. flew in early to pick up Holly. Stuart and I completed the cesspool pit - dug it down to 3-4 feet x 5' x 4' and then lined the bottom and sides with med. - large rocks... smaller rocks on bottom. Hauled rocks in wheelbarrow from beyond orchard. Reshoed Ben's front, his left hoof still is soft at the (toe)-sole. Huge herd of elk came down benches this evening. Ray G. took day off.

Holly spent the day in Cascade making purchases, phone calls, and visiting McCall Field Campus; also talked to Mike Dunbar about a ^{bighorn} sheep project he wants to do in December on Big Cr.

Saturday, Aug 6

Ray & I headed to Vines Ranch with stock - attempted to bring home a slip scap. Got hit by heavy winds and rain right before lunch - ducked in to Car & Tina's camp for lunch, Tina fed us sandwiches as we huddled by their wood stove. Rode on up to Vines and discovered the slip, actually a Fresno, needed to be dismantled (w/tools) before it could be packed so we returned empty handed. Got hit by another deluge on return trip. Several trees and debris blew down on trail. Stuart spent day putting spur lines in - coming off Rush Cr. irrigation ditch. Holly made purchases in McCall, phone calls and contacts, visited a friend.

Sunday, Aug. 7

Stuart picked debris from yesterdays wind storm, then he spent the day digging and cleaning out upper segment of lower pasture ditch. Ray and I made a steel-stakeboat out of an old wheelbarrow, slip scap, and angle iron (2") for runners. Its a solid piece and may even withstand the upcoming beating. Ray rode Top today and demonstrated his reining skills - Top's doing well on neck reining. Holly out shopping and visiting until tomorrow eve. Ray reported seeing 5 blown down firs north of Big Cr. and on the property... several cords worth of firewood! Holly made several calls to locate workers for the gabion project - no one immediately available.

Monday, Aug 8

Excavated and installed the first 2 gabion baskets, did not fill since we didn't hear about permit approval until late in the day. Built a ramp to stone hauling sled, the ramps constructed of planks, plywood, and 2x4's. Ray & Stuart mounted solar panel frame on our cabin. I shoed Topper this afternoon - he was a grouch! Holly spent

all day on the phone in Cascade - gabion permit, hiring help, ordering tools etc. Holly helped out in the hanger too since no plane available to go to Taylor Reh.

Tuesday, Aug. 9

Heard we got the gabion permit so we began excavating for the baskets. Holly flew in late morning with a plane load of supplies. Ray, Stuart & I built the lid to the cesspool pit and then covered with dirt - the septic tank too - finally! Used the team and Topper to begin filling gabion baskets... mostly refining the system today.

The team pulls the slip bucket full of rocks to the baskets and then Topper

returns the empty slip to the aggregate site. Holly flew in 10 AM after several phone calls & check on X-clt saws to be sharpened, unpacked a plane load & helped with gabions.

Wednesday, Aug. 10

Started the day excavating for baskets and clearing the team driveway of any obstacles. Craig Doan & Sarah Topp came in on the mail plane. After lunch we hit the gabion project and filling close to 5 baskets by days end... laborious process, but effective! Holly watered, grass seeded & fertilized soil over cesspool cover.

Thursday, August 11

Spent the entire day on gabions (1 teamster, 2 gabion fillers/bank excavators, 2 stone collectors/stone submarine operators/Topper leaders). Filled 7½ baskets; 12 total done. We had to stop for ½ hour due to thunder showers. Had a barbecue/Birthday party for Ray. Steve & Travis then Mario stopped to say hello on their way from Cabin Cr → Goat Cr Camp. We couldn't convince them to stay & help! Sprinklers in yards and all irrigation ditches being changed 1-2 times per day, but it's still very dry.

Friday, August 12

Spent most of the day on gabions. Wrote Walter Dunn & called Doc Johnson. Stuart called & will fly back in on Sunday with 1 other person. The horses broke into the yards — one stepped on Arlows septic tank lid & broke through. The septic tank was completely dry & empty — despite the fact that Ray has been living in Arlows & using running water all summer! So, we removed the rotted lid and dug up the pipe from septic tank toward Arlows.

The pipe was disconnected and had slumped to form a low spot where everything had compacted & cozed out. Jim pulled the old pipe out, screwed the 2 pieces together in a more permanent connection, added a length of cement pipe realigned the pipe & ditch & replaced the lid.

As Jim was finishing the septic tank work 9 people from the Forest Service stopped by to visit. Clem & Steve C. were taking the "Outfitter Cache Task Force" on a 6 day backcountry trip. Jim gave them lemonade & coffee & showed them around Taylor Ranch, while we worked on the gabion project. The FS group stopped for a short visit & a look at the gabion sites. Jim & I spent the evening washing new T.R. Sheets & our laundry and cleaning the house.

Saturday August 13

Filled 6 large gabion baskets - we are all getting faster & more efficient at each task - including the mules. We are now working in the more eroded "cove" area. We got rained out for an hour in the afternoon, but returned to pile rocks after a cookie & coffee break. The mules got off work early. Golda spent the day "fishing" in the swimming hole.

Sunday, August 14

Ray Arnold flew in with Stuart Markow and Rosemary Welch, they will work gabions for a week. Spent all day on the gabion project - filled 9½ baskets, a good day. a 7 person crew gets a lot done. Restitched a piece of leather harness. Watered & weeded garden in the evening. Had a popcorn party.

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Monday August 15

Worked on gabions all day - filled
6 baskets. Spent extra time filling
in streambank for small baskets.

Cleaned rabbit pen. Had a pizza party

Tuesday August 16

Filled 7 1/2 baskets on the gabion
project & piled rocks. Cutler Umbach
& wife Nancy, kids Skip & Eberle and Earl
Dodds stopped by with 5 llamas
on their way from Crags to Big Creek Huts.
Jim showed the group around, talked
about TR projects, & gave them lemonade.
We invited them for cherry cobbler in
the evening. They camped at the lower
pasture & came up in the evening to
visit & talk about past residents of Big Cr.
Jim helped Ray try to fix the pilot
light on the gas hot water heater -
still won't stay lit - maybe a thermostat
problem. Wrote up times for the gabion workers
for this pay period.

Wednesday August 17

Ray Guse flew out - his last day
at T.R. for the summer. Jim checked
him out of Arlow's - All clear. We
spent the morning piling rocks on the
gravel bar across from the gabions;
spent the ~~morn~~ afternoon hauling
stoneboat loads of rocks to the baskets.
Filled 6 1/2 baskets. Saw 8 sheep
across from Rush Cr. Mergansers in Big Cr.

Thursday, August 18, 1988

Piled rocks on the gravel bar in the morning and dug cut bank for gabions. Sarah's ankle was sore, so she took the morning off (& made cookies). Hauled rocks to gabion baskets, wired new baskets & wired several lids closed. Went to ride horses in the evening but discovered they had escaped up Rush Cr - probably Topper got tired of working.

Friday August 19

Started work at 7 AM so Sarah & Craig could get more work hours in. Spent all morning piling rocks & wiring & building a rock foundation for gabions. Ray Arnold flew in early (11:45 instead of 2pm) to pick up Sarah & Craig + Jim. They hurried to change clothes, shower, pack & clean up while I visited with Ray & his friend & stalled around giving them lunch (they weren't in a hurry). In the afternoon Stuart, Rosemary, & I skidded rocks & filled baskets. The system was not as efficient with only 3 of us. This morning the mules & horses watched us from the ridge above the gabion project while munching grass off the property; & when we went home for lunch the whole herd was tromping in my garden & in the yard. Buck Tilton & Melissa Gray came for dinner tonight. They've been in the wilderness (Soldier Bar, Crags, Big Cr) for 50 days now.

Mark & Bob from Jerry J.'s camp came down for a visit too, but were disappointed that Jim (and the young women) were gone. They visited awhile in the evening, replaced a shoe on a mule, then returned to Cabin Cr - didn't want to stay for dinner. Stuart & Rosemary came over to visit & share dinner with Buck, Melissa, & me. Buck & Melissa spent the night here. Jim made moleskin purchase & visited McColl Field Camp.

Saturday August 20

Melissa & Buck stayed all morning & helped on the rock hauling til 1:00 pm. We hauled rocks & wired gabions in the am and wired the last of the gabions, and piled rocks, hand filled gabions with sand & rock and built up basket foundation in pm. Rosemary took the afternoon off to hike to the lambing cliff / drift fence. Stuart has been changing irrigation daily since Ray left. Stuart baked a ^{Royal Anne} cherry-apple pie.

Sunday, August 21

After changing irrigation Stuart, Rosemary, & Holly hiked (Holly rode Cricket) to Rush Pt for a picnic. Rosemary & Stuart invited me for spaghetti dinner. Stuart & Rosemary began packing & cleaning. Holly typed up a new label for Stuart's knapweed specimens. Rosemary & Holly "camped" on the haystack while Stuart spent most of the night packing & cleaning.

Monday August 22, 1988

Stuart & Rosemary flew out with Arnolds; Jim flew in. Turned irrigation back on to airstrip; changed irrigation. Put away gear, reviewed mail; wrote up menu plan & grocery order for the Hendee-General Manning trip. Wrote note to Oz & linoleum store. In the afternoon we rode to Brown's Basin looking for a bighorn sheep ewe with lamb that had been reported sick. We found the pair, observed them several hours, took notes on observations and collected fecal pellets. The ewe was very emaciated and stiff in the hindquarters; the lamb looked healthy but coughed.

Tuesday, August 23

Ray flew in mid-morning (9:30) with first of five plane loads of grain & hay cubes. At the same time Terry Holubetz and Charlie Pedrosky flew in (Terry's plane) to do the annual fish survey. Terry and Charlie helped us move grain/cubes to the grain shed before lunch. Helped Terry and Charlie by recording data while they marketed Rush Cr. pool - airstrip. Went for short mule ride while T & C waited for temperatures to cool. Buck, Melissa, and 5 of their friends stopped by to visit and hear about Taylor Ranch activities.

Wednesday August 24

Spent the early morning on business letters up until the mail plane arrived. Worked on shooting this afternoon, got Miya, Ben, and rear $\frac{1}{2}$ of Cricket done. Very hot this afternoon. Worked on our wo box diversion in the evening. Looming smoke cloud to the NNE of us since noon.

Thursday, August 25

Changed irrigations and caught mule/ horses who had been on sagebrush flat. Shot remaining $\frac{1}{2}$ of Cricket, all of Troy and Daisey. Secured solar panel frame with nails and linseed oiled. Holly did several loads of laundry. Hot and windy this afternoon and evening. Mario (Cois camp) confirmed that there was a fire burning in the Golden Cr. area.

Friday, August 26

Melissa, Buck and their friends assisted us and the mules in filling the remaining 3 $\frac{1}{2}$ gabions baskets. Holly baked a couple lemon meringue pies in appreciation. Visited with group until mid afternoon and then attacked the annual report this afternoon and evening.

Saturday, August 27

Spent several hours working on the annual report - when visitors weren't coming and going. Melissa, Buck, Bob; Abe stopped by to visit and say so-long. Steve Zettel stopped by going & coming from Rush Pt.

Sunday Aug. 28

Rode up to Cabin Cr. today on Cricket and Darsey. Looked for sick ewe w/lamb but could not locate her. Stopped by the Tepson camp and visited with Bill & Pete who were just fitting a new wall tent. Picked up the cinchas Mario made for us and the ranch, saw that "Bandit" Coris dog had apparently been kicked in the mouth by a mule - none of their crew was around and Bandit probably came home mid-pack trip... from Telephone Creek. Saw 2 or 3 bear on the ride today, plus 10 sheep - 4 ewes, 1 yr. ewe, 3 lambs, and 1 yr. ram; 1 el. II ram.

Monday Aug. 29

Changed irrigation. Finished the annual report and made 5 copies. Called Mike Dunbar about ewe not being locatable. Wrote several letters. Cleaned the house and prepared for onslaught of people over the next couple days. Talked to Con about Bandits condition and whereabouts.

Tuesday Aug. 30

Ray A. flew in early bringing in Doc Johnson and his son Dan for the day. Ray came in a second time to call Cusack and then visit awhile. Showed Doc & Dan the gabion project; Rush Cr. diversion then they went fishing. Took the chainsaw down

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to the Rush Cr ditch and cleared out a cottonwood tree that had fallen in the ditch. Prepared for tomorrow's visitors. Ray flew in at 6:00 to take out Dan & Dan, he brought in 4 propane and 4 sacks of 4-way grain.

Wednesday August 31

Oz Gantton flew from Moscow with Jack Magie. We discussed T.R. business until the National Guard helicopter arrived with General Manning and a crew of 5 engineers, pilots, ~~etc~~ and Sonny LaSalle - the Payette Forest Supervisor. We had coffee and discussed the Cabin Cr transfer of a building to Taylor Ranch. We all flew to Cabin Cr. in the chopper to look at the buildings and ^{determine} the feasibility of moving a building to Taylor Ranch via helicopter. The consensus was that all of the buildings were too heavy to lift intact but one or 2 could be dismantled next year, by a 50 man guard crew, then reassembled at TR the following year. We returned to Taylor & fed the crew lunch. They left in the afternoon and Ray Arnold flew our friend Ann in on the mail plane then. We showed Oz the gabion project, then discussed upcoming visits to Taylor and student intern grading & registration. Oz & Jim fished in the evening. Ann recovered from her 6 hours of flying on the mail plane. This evening was really smoky.

Thursday September 1, 1988

Oz flew out with Jack Magee midmorning. It was smoky again this morning. Copied several files on computer for Oz. After Oz left we saddled up Troy, Rocky, and Cricket & rode to Cabin Cr to look for the sick ewe & bring Con's dog Bandit home with us. We didn't find the sick ewe or Bandit on the trip up. We stopped at Jerry J's camp & found Bandit and met Jerry's girlfriend Bev. We visited for an hour with Jerry, Bev, Bill, and Pete. They kept Bandit. We found the sick ewe - dead near the slough at the lower end of Cabin Cr meadow. She had been dead for awhile - many magpies around & 6 piles of bear droppings, no meat, but smelly. Checked her teeth & brought back her horn. Met Dan & Kari & others on the trail bringing in 35 horses for Jerry Jepson. Saw several bears on the trail.

Friday, September 2

Harnessed up the team and hauled 10-12 loads of hardwood firewood from the head of the airstrip to our woodpile. Also moved 2 propane tanks. Tina Aldrich and friend Martin came by to visit. Tina & Dave are stationed at Cabin Cr for the post office renovation by US Forest Service. Orange plume of smoke above lambing cliffs, soot, very smoky.

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Saturday, Sept. 3

Ray H. flew in mid-morning to pick up Jim Brunel. Spent the morning reinforcing the stoneboat sideboard box which broke with yesterday's wood hauling. Holly worked on increasing Rush Cr. diversion flow and also cleaned out the ditch. Bev, Jerry Jepson's girl friend, stopped by at 6:00 to spend the night and went with two horses.

Sunday, Sept. 4

After a leisurely breakfast we got horses and mules saddled. Holly decided to travel with Bev as far as the B, as she takes her horses to Meyers Cove. Busy day for visitors - 2 fisherman, 3 hunters, and Jerry Lockhart and Clay - from the F.G.C. who are on sheep herder patrol. Did not get much done between volleys of visitors.

Monday, Sept 5

Replaced a front shoe on Miga. Put linseed oil on stoneboat box. Did some repairs on Taylor C. roof where wind had blown up aluminum. Went fishing this afternoon - caught 8 cuts, 1 bull trout in 45 minutes. Holly rode from the B in 6 or 7 hours. Still very smoky. Did usual irrigation and cleaned some ditches.

Tuesday, Sept 6

*

Today was truly interesting. It started with a bear moaning and gagging outside our cabin in the middle of the night - must of had something in his throat. Worked on saddle repairs ^{bolting} until mid afternoon - replacing tie strings etc. A wind picked up in the pm. and a tremendous plume of smoke appeared behind the cliffs up Cliff Cr. It wasn't long before ^{flames} smoke appeared atop the ridge. Began correspondence with the FS. Helped evacuate 6 people who were up Cliff Cr. sheep hunting - packed ^{w/mules} their gear to west side of Rush Cr. An otter plane tried to dispense 8 smokejumpers but it was too windy. Spectacular flame show after dark ... we were a bit leary of sleeping too soundly!

Wednesday, Sept. 7

The fire advanced a little south last night, but mostly stayed on the ridge top. There is smoke coming out of the draw behind the timbered bench. The firefighter build up began - 8 smokejumpers and 18 IR crew members. Put up the jumpers in the cookhouse - bunkhouse and the IR crew at the lab yard ^{Kimball - Allen - Malcolm?} FS officials came in and briefed us on the protection strategy... involving

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Began -
12 crew members.
the cookhouse -
now at the lab
and briefed us
involving

water pumps and 2" hoses to each
building. Ray H. brought the mail in
mid-morning... busy flying day - 12 chopper
flights. Told Oz Garton in on the
events

Thursday, Sept. 8

Day began slow, spent good share of
morning waiting for Ed Allen to arrive
with instructions. Met with Eric (jumper
crew boss) and Mickey (IR boss) and came
up with slack-time jobs for both crews -
gabion basket weaving and extra firewood
cutting, which they worked on. Chopper finally
made it in after noon - delayed by smoke.
^{Bert Strom} Met with Ed Allen and purchasing agent ^{Fitz}
to finalize contract agreement on housing/
feeding crew. FS will provide food and cooks
helpers. At 4:00 the fire literally exploded
atop the ridge NE of us sending up huge
flame & smoke columns. Most of the fuels
up there were burned within an hour. 8-10
people went up to assess back firing strategy,
but opted not to, today anyway. Mike
Davis flew in to evacuate a party of 6
desperate hunters, there were still several more at
Soldier's Bar.

Friday, Sept. 9

Kind of a sit-around-and-wait day.
The fire did not advance much, still
burning around in the basin east and south
of the cliffs. Had the usual late after-
noon flare up and the fire had advance-

94

to the top of Horse Mtn. The crew worked on the firewood and gabion projects. Waited and waited for the supply chopper to come in but the pilot opted not to fly due to wind. At 6:00 the twin otter flew in and made several supply drops of food. Also, two of the Arnold's planes came in - one was Ray with a load of hoses and pumps and the other Rod at 7pm with a (active) ^{F.S. Liaison officer} Cook's helper - Carol ^{McCall} and sprinkler system specialist - Tom French. Managed to get everyone fed by 9:00 pm., finished clean up at 10:30 pm.

Saturday Sept. 10

Started the day out with reports from Rush Pt of the fire moving into the head of Spring Cr. The F.S. decided to move 4 smokejumpers, hoses, and a pump to Terry's ^(via mules) base camp. At first I was going to pack the jumpers and gear but a chopper was later chosen for the task. It got very windy in the afternoon - when the chopper was making the 3 shuttle flights to Cabin Cr..

A six man crew was sent to Goat Cr. to halt the fire at the mouth of the creek - which was easily done with a little pump unit. Tom French installed a sprinkler system around the upper buildings and instructed us on its use, along with a foam induction system

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to use with the main hoses on buildings
Rod flew in and took out Tom French.
The other flew in for several more food
supplies to be dropped. This dropping (via
chute) of supplies creates some real messes
inside the supply boxes!! Cleared and put
supplies away. Had dinner at a normal
time tonight. Heard from Rush Pt and
Chamberlain that it was snowing there.
Another long day, at least this crew is good
about pitching in after meal clean-up etc
Fires quite inactive around the ranch vicinity
now. We decided we didn't need any cooks helpers
so FS. didn't send any in.

Sunday, Sept. 11

Quite a weather change - cool, cloudy,
windy and it rained .05 last night. No sign
of fire activity here but it sounds like the
east side of Goat Cr. and Dunce are burning.
Mickey and Eric got those crews busy on
firewood hauling before lunch. We ended up with
3-4 cords piled within wagon reach in the
north pasture. After lunch we used the team &
crew to back fill behind gabions. Also closed
all but four baskets. Holly & Carol have their
hands full just keeping meals lined out for this
mob. Had another para-cargo drop late after-
noon so had to cleanup / put away after
that. including ¹² dozen air dropped eggs - only
2 1/2 doz are scrambled. We've called Oz
daily to keep him informed about the fire
situation

Monday, Sept 12

Morning began hectic. Right after getting crew fed Lynn Clark flew in with Ed Allen. The irrigation got left on the strip so Lynn was not too happy. Eric flew out with Lynn and Ed. Continued backfilling gabions w/ team and crew, also closed rest of baskets. At noon the National Guard flew in ^(large chopper) to inspect cabin site - they'd been at Cabin Cr. also. Fed the N.G. crew lunch along with regular mob. Lynn Clark flew in again to pick up supplies and have a piece of pie. Essentially finished back fill job - at least its at a safe stopping point. The four smokejumpers returned from Cabin Cr. so we had 25 or 26 to feed again. Did usual meal related chores late into the evening. Had $\frac{1}{2}$ hour off during the day for a load ^{Handled} shower. Holly taught me how to work the pump & sprinkler system of laundry.

Tuesday, Sept 13

We were expecting the IR crew to fly out today but found out they will now be here thru tomorrow & maybe Thursday. So...

Carol & I made another ~~emergency~~ quick grocery list. The IR crew piled brush where we cut wood this summer and replaced the rail fence line where they were hauling rocks yesterday at the mouth of Rush Cr. Jim supervised.

IR's played stickball in the PM. Jumpers checked on the fire at Goat & Dunc & fished; others went up Pioneer Cr with Crosscut saw & cut out 4 logs ^{for us} that were across the trail.

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PM. Jumpers
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We had a quick helicopter resupply today.
Another long day of cooking, plus cutting
up & freezing the last of my case of
peaches - which were starting to mold.
Three of the hunters we met before rode from cabin Cr to say hi.
We coffee & caked them at the cookhouse.

Wednesday, Sept. 14

Still no sign of a crew evacuation.
Harold sent 10 fire crew members to Dunce
Cr. to check out the advance of the
fire line in that drainage. Four guys
split and stacked wood in north pasture.
Mike & I cleaned and organized shop a bit.
Vacuumed and mopped our cabin. Holly rode
to ridgeline up Cliff Cr. trail, a whole new
appearance she says! Got gear prepared to go
on bowhunting vacation. Holly and Carol fixed
another gourmet meal. Had to do a major over-
haul on cookhouse sink plumbing, which had
a fork lodged in the elbow, and then broke
upon reconnection. Mike, from Chico crew, helped
reconstruct sink plumbing.

Thursday September 15

We received another food shipment via
Arnold's (contract ^{plana}) Mendocino crew cut & split
firewood from a blow down tree on the Rush Cr.
trail - just on the edge of the property; they
also brushed out the trail. Harold is the
head F.S. person here now - he has also taken
on the position of "trash management specialist"
- as we are now separating & burning some
trash. This morning Goldie was growling outside
the cookhouse at 6:30 AM. I brought her inside,

The fire blew up
in Goat Cr today
at 11pm.

then watched a large striped skunk emerge from a box of garbage & scurry toward the back of the cookhouse - a hole in the foundation makes us wonder if he lives under the cookhouse?! Everyone's busy helping around the ranch - dishes, cooking, rabbit pen cleanup, cutting brush out below our yard, etc or "mopping up" ^{the} edge of the fire in lower Dunce Cr with a Shindow (25lb) water pump, plus hoses. Helicopter food delivery.

Ed Allen arrived for dinner & spent the night. We discussed plans for moving crews out, the effects of the fire on natural systems & research interest at HofI, and heard about the other local fires. Finished the evening with a cribbage tournament with the IR crew.

Friday September 16.

We are getting tired of these early morning-long day schedules. At least in the last few days the fire crews have taken over much of the after meal cleanup & table setting. This morning we had to replace a propane tank before we could get the coffee started. Ed Allen flew out with Rod in the AM; then Jim flew out with Ray Arnold at 11:00. Jim is going bowhunting with friends Mike Schlegel & Ron Shearer on the Clearwater - hope it's not smoky & on fire there too. We haven't seen any hunters around here yet.

Several "jumpers" from McCall spent the night at Dunce Cr last night. Another

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crew hiked down to help mop up the edge to prevent the fire from backing down Dunce Cr the last 100 yards to Big Cr. The rest of the crews helped in the kitchen or cut firewood. Carol & I cooked Lasagne & Salads & fresh fruit Salad - a favorite of many of the group. The Mendocino IR crew was excited today, as we finally got word they will be heading home tomorrow. The McCall smoke jumpers had mixed reactions when they learned 2 of the 6 will remain at TR and miss the big smoke jumper party on Saturday night. Received another helicopter load of food today.

Saturday September 17

We had an early breakfast in anticipation of helicopters shuttling crews out. The larger chopper had an oil leak before flying in, so only 3 people could fly out at a time; until a 2nd 3 passenger chopper arrived. Two Smokejumpers arrived to monitor the fire - Rick & Dave. The old crews (jumpers & IR & Carol) all flew out by mid afternoon. I spent the rest of the day packing things up to move to other cabins from the cookhouse. Rick & Dave helped move boxes & furniture. The crews did a thorough job cleaning up cabins - especially the Mendocino IR crew. The weather has been cool, windy, & threatening to rain.

Sunday September 18, 1988

Fixed breakfast & dinner meals for ^{the} 2 jumpers who hiked down to look at the fire in Dunce Cr. - not much fire activity anymore with the Golden Cr fire. I spent much of the day reading the Telenics catalog to determine which radio collars & receiver to order for the ^{bighorn} ewe study this winter - next summer. Released the chukar from the tack-feed shed, where I put him yesterday after he flew into and broke a window at the cookhouse & couldn't fly - he's fine today. Put away more gear from cookhouse.

Monday, September 19

Finished the Telenics order for radios & receiver. Caught up on the news from last week & the week before in Newsweek & USA Today. Cooked for Forest Service. Rick & Dave hiked up Cliff Cr to Horse Mt and over to Spring-Cabin Cr. They said the fire was slowly creeping around in the grass in upper ^{Spring} Cliff Cr. & they saw the Silver's Cr Fire (another 60,000+ acres fire) in upper Cave Cr.; Cliff & Cougar were 80% burned - much of it looks like a ^{bump} blast zone; Con's Cliff Cr camp is completely gone except for a woodstove. They saw elk on the 2nd bench including 2 branched bulls. Bert Chaves, the temporary Rush Pt Lookout came down for a few days til he gets a food resupply, so I'm feeding him too. Bert was the Rush Pt Lookout 4 years ago.

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I checked the woodcutting & trail clearing project done by the IR crew on Rush Cr last week - we have plenty of split firewood that will be dried out for next years firewood; I removed cut branches from the trail & brought back a "hoof" from the horse graveyard - for teaching horseshoeing. Saw fresh Moose tracks & droppings on the airstrip. Watered yard & garden; changed irrigations.

Tuesday September 20

Fed 3 forest service people. Dave & Rick disassembled all of the hoses, sprinklers, and pumps & packaged them for flying out. It was cloudy & cool all day. The horses broke out of the lower pasture then into the main pasture by the lab - they are okay here until tomorrow when they get locked in the corral while FS gear is shuttled out. Found more of my pots & pans at the cookhouse & returned cleaning supplies to the lab. Visited with Bert & read last weeks mail; sent out letters including to Oz on the fire & LI contract, we had a 34 way cribbage tournament - Bert & I lost to "the beginners".

Wednesday, September 21

Lynn Clark made 8 flights to Big Cr shuttling F.S. equipment. Rick & Dave hiked to Dunce Cr to get a pump & hoses. I helped load planes and wrote up the Telonics radio collar order for Jim as well as grocery and U of I hardware lists. Ray ~~Arnott~~ John

Reed flew in with the mail at 3pm. I had 4 mules saddled & ready to pack Bert Chavez to the Rush Pt Lookout when his groceries arrived. We packed 160 pounds (80 gallons) of water up, since the spring was almost dry. I packed Cricket & Daisy & we rode Rocky & Top. I got a better view of the fire/burn from Rush Pt. Arrived home at 10:00 pm - the first night in weeks with no visitors. I slept in the haystack to listen for bugling bulls - none heard. (Many chukars seen on switchbacks today)

Thursday September 22

Is this the first day of fall? I changed all irrigation - a job that has been neglected recently. I did 16 mini loads of laundry and washed several horseblankets and cinches. Ran the vacuum and tidied up the house in between helping ^{load} with 3 Forest Service plane loads of gear. Caught up on 3 weeks of newspapers. Jim flew in at 6pm. He shot a nice 5pt bull in the archery season on the Clearwater River. He talked to Oz on the phone & mailed off the Telonics order.

Friday, September 23

Spent most of the day cleaning house, taking care of personal business mail; Jim put his camp gear away and cut,

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wrapped, & froze this elk backstrap. Turned off the gas to the other buildings, turned sprinklers on. Steve Zettel stopped by to visit & use the radio on his way to the Goat Cr. camp which they are reconstructing after the fire burned around it. Holly still recovering from a cold. Cataloged new slides of the fire and the gabion project.

Saturday, September 24

Changed irrigations and sprinklers. Turned off gas to cookhouse & emptied cookhouse refrigerators. Changed propane at Taylor Cabin and added kerosene to refrigerator. Looked at 4 catalogs for specifications on propane & DC refrigerators & freezers for placing an order. Wrote up a list of large purchases for T.R. this year, as well as a list of small fix it jobs. Sent for catalogs & information on refrigerators & water systems ~~&~~ winterizing. Went Hunting

Sunday, September 25

Started the day with some hoof care. Pulled shoes off Rocky, Top, & Lady and trimmed them for being unshod. Holly trimmed manes/tails on the mules. Repaired elk damaged fence in lower pasture and rolled up 100' of east span for animal passage. Wrote letters - one to Kruyser's in Australia. Holly & Golda went up Pioneer Cr for an overnight elk hunt, and to hear bugling.

Monday, Sept. 26

Spent the morning working on our sheep study progress report which will appear in the next FNHS publication.

Johnny from Con's camp stopped by with a hunter/fisherman and visited. Holly came down from up Pioneer Cr. early afternoon. Worked some more on progress report.

Tuesday, Sept. 27

Went elk hunting with Holly today - a successful hunt at that as she connected with a 4pt. bull! Quartered and hung the meat up on the ridge in a big fir tree. Made several calls this afternoon, heard that Greg Hayward can caretake the place next week. Made arrangements with the F.S. to pack Bert from Rush Pt. down to Cabin Cr. Put final draft of sheep study progress report on computer. Wrote letters. It rained today, finally!

Wednesday, Sept. 28

Worked on business and personal mail until Ray came just before noon. Jack Magee stopped by with student pilot. Some hunters also stopped by to visit as we were trying to head out to pack down Holly's elk. Finally got away and packed her elk home using Daisy & Topper.

Thursday, Sept. 29

Got up early and saddled to head to pack Bert Chavez from Rush Cr. to Cabin Creek (packing bill to F.S.). Holly spent the day getting prepared for tomorrow's trip - house cleaning, organizing things to go out, and doing several loads of laundry.

Friday, Sept 30

Flew in at sunrise from Cascade to watch the place and reacquaint myself with the area. Smoke hanging below peaks from Sawtooths northward - only a thin layer. Could see a small smoke north of Horse mnt. During flight down Rush Cr. the shrubs on north slopes seemed especially striking - all are changing red or yellow. Moved in, read some of Ehrlich's book on extinction. Walked short ways up Rush Cr. then down to Great Cr. to look at burn. Surprised how well a riparian area can burn. Many flocks of robins in area. Visual Kingfisher just upstream from Cougar Horses went to lower pasture. Oh, saw a great-horned owl at goat creek.

Saturday Oct 1

Smoky morning clearing by midday although I could see a dispersed column of smoke rising from north of Horse mnt in late afternoon. Did chores in morning after sunrise walk up Pioneer Creek. Turned water onto upper airstrip. While eating lunch watched one band of sheep approach 1st Mesa from west of 2nd Mesa shortly after another went up to 1st Mesa from the lower pasture. About 3:00 PM the whole group 16 adults & 3 lambs ran (in a dispersed string) down toward lower pasture. One adult looked like

a young male. Watched eagle coursing south side of horse mnt. Read more on Extinction. Worked on popular article and walked up Big Creek.

Sunday October 2

Hiked up Cliff creek to the ridgeline and on up the trail. Interested in seeing how the burn moved through the forest. On way up saw 24 sheep above 3rd switch mesa. All seemed to be young or ewes except one $\frac{1}{2}$ curl ram (looked like the one seen yesterday). Three smokers visible in upper Cougar Cr from grassy top knoll which is just to east of the "white" cliff face in Cliff Creek. Flames visible in one burning $\approx \frac{1}{4}$ acre. Seven ewes and 2 lambs seen just below old salt lick which is along trail, on ridgeline just NW of the grassy knoll. Heard pygmy owl at this spot also.

Changed water on lower and upper pastures and put more water onto upper airstrip. Horses visited about 2:00 but soon left up Pioneer Creek.

Monday October 3

Worked on airstrip and lower pasture irrigation. Brought stock back from lower pasture. Spent most of day working on slide talk for Audubon group (about our boreal owl studies). Flocks of cedar waxwings joined the robins eating elderberries around the pasture. Not as much smoke in air today. In evening ~~saw~~ saw a red phase ruffed grouse up pioneer creek.

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Big Creek.

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Tuesday October 4

Message from Pat this morning that my Grizzly Bear paper for the Wildlife Society Bulletin has been accepted - with that kind of news known it would be a good day. After weather and chores took a hike up Pioneer Creek to where the trail tops out on the Rush Cr - Pioneer Cr ridge. Only a little elk sign in Pioneer Cr but much more on the trail up to the ridge. Saw (3) Goshawk butcher perch $\frac{3}{4}$ way up Pioneer Creek. Saw two Ceanothus sp shrubs on whole route. Are they remnants of a past shrub fgn. or just two odd plants started from seed brought in by birds?

Think the ranch should work hard to attract some entomologists to study insect fgn. in the patches of mt shrub habitat in area. Also, if not already begun some open studies of the shrub communities looking at regeneration (or lack thereof).

Finally, maybe result of being alone but somehow the beauty of the creek bottom up Pioneer set off a wave of depression in me - thinking about all the opportunities I've had to experience neat country and how few special things in life seem to have come to one of my older brothers.

Mid afternoon 15 adult bighorn with 2 lambs moved down onto 1st meadow. Horses here in morning but gone by mid afternoon. Not at lower pasture in evening. Worked a bit on irrigation to get water to ~~the~~ end of the lower pasture.

Wednesday October 5

Chores in morning, cleaned rabbit shed worked irrigation etc. Spent day trying to make a dent on the pile of books I brought in. Most of time on

Genetics in Conservation edited by Christine Schonewald-Cox et al. Also some work on genetics in desert fishes, trout, and management of preserves. Afternoon hike for just an hour. Evening listened to vice presidential debate and became further discouraged with state of American politics and ignorance of we humans.

Thursday October 6

After morning chores took a quick hike up Rush Ft switchbacks to get a last view of the Highhorn Crags. Saw 4 does and a single elk track on trail. Met Steve from Con's camp on way back. He, a hunter + cook visited over hot chocolate for ~1½ hr. I cleaned up the place & got back to work reading. At 3:00 PM while reading out front noticed a light plume of smoke north of horse mnt. By 4:00, it had built to a solid black column rising like a thunderhead for several thousand feet. Could see red glow in the clouds. By 5:00 a south wind high aloft had taken cloud southward so it covered ~25% of the sky, fire had moved down mnt SW but was still too far NW to be visible from first top up Pioneer ridge. By 7:30 all had settled down and only light plume rising and winds aloft had dissipated most smoke.

Horses in lower pasture but from Pioneer ridge saw them go down Big Creek trail at 4:45.

the Schonewald-Cox
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Pioneer Ridge saw

Friday, October 7

Ray flew us in fairly early, got to visit with Heinrich Von Stadden as he was going into his Monumental Ranch on our flight. Looks like Greg took good care of things in our absence. Called Oz to check in and find out about upcoming advisory board meeting, which was cancelled. Spent most of day getting reorganized after Oregon vacation. Saw fire (flames) on top of Horse Mtn (summit) as we were coming in.

Saturday, October 8

Another Indian summer day. Spent a good portion of the day on the water system, winterizing our line. Put thermax insulation and plywood ceiling on water box lid. Improved flow to our box. Dammed flow at lower valve box to protect line from upcoming cold and provide a spot for dipping water buckets - yuck!, also built some steps to the water hole. Holly did formal billing on F.S. use of the facility during fire activities. Jim wrote up the monthly weather report for Nat. Weather

Sunday, Oct. 9

Did the morning chores and then rode up to Rush Pt. We were surprised to see a lot of deer >20, saw no sheep on that ridge line. The fire in Crooked Cr. was boiling up and there are 4 or 5 hot-spots on top of Horse Mtn.

Monday, Oct. 10

Wrote some business letters (INEL related) to Dale Bruns and Wayne Minshall. Also personal letters. Putted shoes on rear of Cricket & Daisey, also checked feet on rest of stock. Holly worked on hobble & picket training of our young mules and Ben. She also tipped up a bill for the FS. fire crew. Shut off upper main pasture irrigation. Cleared leaves from water intakes - got stung by nettles too!

Tuesday, Oct. 11

Attempted some rat proofing in the corral shed, plugged the main access and set a trap. Discovered two places where horses/mules have been escaping. They had flattened the single strand wire fence from bridge to garden - reconstructed it along with adding a second strand of barbed-wire. Replaced two broken poles SE. of main wind sock. Holly continued FS. fire billing details (our time associated with cooking etc.) and she wrote a letter to Oz Garton. Got word this afternoon that the governor - Cecil Andrus will accompany the Nat. Guard tomorrow along with Oz. Holly did some baking for tomorrow - cookies. We cleaned our house in preparation for visitors and checked other cabins. Rode Ben & Cricket on the airstrip in training.

Wednesday, October 12

~~INEL~~ Put matches, kindling, flashlights & toilet paper in all cabins. Turned on gas to all building & lit hot water heaters. Mopped & swept cookhouse & bunkhouse after fire crew - ^{smoke} jumpers use. The other buildings only needed a light sweeping. Moved chairs to Lab BBQ pit and put away hoses for the winter. Made a salad and peach pie for dinner. Mail plane came in at noon. The National Guard helicopter arrived at 3:00 pm. We were expecting 6 people, they brought 9! Gen. Darrel Manning brought in Gen. Tony Clark from Nevada and Gen. Bill Smalts[?] from Idaho and Gov. Cecil Andrus as well as Lt Col. Mike Whiles, 2 helicopter pilots and Oz Garton. We got everyone settled into the cabins then visited at our house about TR, TR history & research use over coffee. Then the whole group went fishing before dinner. The Guard provided most of the barbequed steak dinner. We visited around the campfire until after dark. We didn't give the usual tour of TR, but did show the governor the changes to the laboratory building since he was here in 1975.

Thursday October 13, 1988

We all had breakfast in the cookhouse. Several people went fishing before the Nat. Guard party left at 10:30 am. Oz stayed at TR until 5:00 pm so we could look at the burn & talk TR business. We rode Troy, Rocky & Daisy up Cliff Cr trail to the burn & discussed possible monitoring strategies for vegetation reestablishing in the burn (photo points, paired plots, exclosures). We went over budget expenditures and future purchases & projects for this F.Y. Saw Charlie McKetta w/ his wife sheep herding,

Friday October 14, 1988

Began winterizing bunkhouse & cookhouse. Gave each building an end of the year sweeping & mopping. Reorganized kitchen utensils in cookhouse & moved some dishes & cookware back to other buildings. Removed old junk & wood from yards & grounds around these buildings. Shut off cookhouse gas. Drained hoses & sprinklers & put away for the winter. Swept out Lab, washed out several dishes. Took cleaning supplies to upper buildings and redistributed dishes, etc among buildings; collected flashlights & several laundry items from buildings. Shut off gas to upper buildings. Put lawn chairs away for winter.

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Shut off
lawn chairs

Jim went to Soldier Bar airstrip to pick up his friends Ron Shearer & Mike Schlegel. Jim & Mike were accompanying Ron on his bowhunt for bighorn sheep. David a guide for Jim Thrash stopped to visit after scouting for sheep up Cliff Cr. We invited him for coffee & visited awhile. Ron & Mike came over for dinner & a cribbage match - Jim beat them, then skunked them despite their cribbage reputation.

Saturday, October 15

Turned off the main waterline to the cookhouse & drained the pipes & water heater, put antifreeze in the drain. Emptied trash & in upper buildings & cleaned shower stalls. Changed irrigation in main pasture - we have been changing it 3 times / week this days. Last night & this morning we had sprinklings of rain but not enough to record as a "trace" for the weather stat. Charlie McKetta (from Coll. of Forestry) and friend Jim Becker stopped to visit after sheephunting up Pioneer Cr. Watered gardens - still no kill frost on the tomatoes yet! Washed 3 loads of 11 of 1 mattress pads, pillows, and spills cases, plus my own laundry.

Sunday Oct. 16

Woke up to some rain this morning, didn't amount to much though. Rashed Ben's front feet, they're looking a lot better at the sole. Did the usual chores and then packed up gear for a short camp trip up Pioneer Cr., also packed a camp to stove saddle for Nov. deer hunting. The young mules and Ben did well with the brushy, steep trail.

Monday Oct. 17

Had a hefty rain & wind storm on the ridge last night, measured -21 in the rain bucket. Came back to the ranch early afternoon, unpacked gear etc. Caught up on a few chores and then began getting ready for INEL trip to Idaho Falls, mostly starting to organize a slide presentation. Called Co to ship our best slides to INEL via express mail. Had a guide, sheephunter from Soldiers Bar stop by to visit, they'd been up Cliff Cr.

Tues Oct 18

Bob & Vic ARRIVED TR AT 3:30 PM
Had coffee & cake with T & H and Pilot they left for Idaho Falls
About 4:30 PM

Cou & Employee stopped by about 5:15 chatted a few minutes used radio & went up Pioneer sheep hunting

Weds Oct 19

He & I went down and took Visqueen out of dam up Rush creek also moved some rocks so water would divert into stream Drag Visqueen onto air strip and layed out to dry - Went up cliff creek and shut the water off and picked up Visqueen and wood ~~rocks~~ rocks also - Took two dams out of pioneer creek - Took east down to lower end of airstrip to get Visqueen - Took old pieces not too good and covered brush piles along airstrip - Hung all the Visqueen on fence by Duplex and washed it with the hose and too dry - Lay circled TR about 4:00 Horses were on the strip at the lower - He went on up the creek hurried down & got them up in the corral - But hasn't come back yet

Thurs Oct 20

Took out cabinet in Duplex took up to shop to overhaul - Got plywood down by bookhouse - Put in bottom & back patched two holes and put blocks on doors to stop mice - Tryed to find another piece of limestone for top but no luck Finished moving Visqueen around to dry Folded all up and put on wagon box behind shop & covered

cont'd

Finding out 21

Old chores & problems - after 150x etc
We worked around in house quite
A bit in house sorted general
dark visited a little while then
went and took showers - looked pretty
to use vacuum
Milk on got in just above +
dark visited a little while the
went and took showers - looked pretty
as we were downing break from life etc
to price animals to two kids went down
also by tabby slow to get started
this morning all pigs born + good
got shirked during my good time
Also burnt pile off until down
by barn kept water
handy at all times. Filled up
odds ends around shop - hung
up plastic pipe and got things
all used round so one could write
old creek - usually chores
we fixed upper for milk or
we visited lake / river

Sat Oct 22

Got horses in currants out & burnt
brush on bank - took a Employee in
with nice ram - ran right close where
he shot - up to the water - Filled
kerosene can & filled jugs - Got wood
& kindling - Vi cleaned house

Tim & Holly returned from INEL trip,
flying home at 5:30 pm. The 2½ days spent
in Idaho Falls were productive and we
came away with a good understanding
for atmospheric monitoring as it pertains
to our "Met" station. Gave a slide
presentation and showed the TIR video
which seemed to generate a lot
of research interest, particularly in the
water quality area. Spent Friday night
with Wayne & Judy Minshall. Wayne
is researching the Yellowstone fires for
change to the aquatic condition and he
showed us slides of the situation
there. We showed slides of our fire and
discussed sampling techniques for around
here. Also helped Wayne with training
two of his draft horses to be a team.
the horses & Wayne learned fast! Holly
went out with Bob & Vi to go to dentist in Boz.

Sunday, Oct. 23

Went deer hunting this morning. Did
some house clean up - putting travel stuff
away. Searched for and found horses on Rush
Cr. bench. Did usual chores and found break
in water line up by the property line.

Holly talked to veterinarian Mike Dunbar about joint
dichloromethane project next December on disease.

Monday, Oct. 24

Saddled up our two horses and two mules and packed supplies and friends Mike & Ron up to stove camp saddle. Got back to the ranch 10 minutes after Holly flew back in from Boise trip. Holly was at the dentist in Boise today & flew back this afternoon. I got a good look at the Slivers & Golden Creek Fires. The stretch between Root Ranch and Cold Meadows & beyond was most impressive - a 10 mile long stretch of complete burn. That stretch was the part that burned 7 miles in 2 hours and 5 miles in 45 minutes (the same day the Cliff Cr Fire broke over the ridge across from Taylor Ranch). Most of the other burned areas in both fires left a nice mixed mosaic pattern of hot burned, singed, ground burned, and unburned patches. There were only a few wisps of smoke remaining.

Tuesday, October 25

This morning I noticed Topper limping on a front leg - he had a big river rock wedged inside his shoe. I took the rock out, pulled all of his shoes and trimmed his hooves for the winter season. Checked Ben's scrape on a hind leg - it looks fine. I spent most of the afternoon putting away gear and doing some fall housecleaning - reorganizing and shelf papering cabinets. Charlie McKetta & Tim Becker (sheep hunting) stopped to visit this evening.

Wednesday, October 26

Sent a letter to Oz - Bob Webb's time slip, our travel expenses to INEL, and some research reprints from INEL. Washed & put away new lot of I plates & cleaning supplies purchased while I was in Boise. Cleaned rabbit pen. The horses escaped last night - forded Big Cr & Rush Cr to go up on the hillside south of the ranch. They returned via our yard & garden! I let them "mow" the lawn and "rototill" the garden for 15 minutes. Ray Arnold flew in with the mail. I drove Rocky & Cricket on the Stubboat to give Cricket some practice - she was good, but slow. Jim B. helped me harness the mules & enjoyed learning about working a team. Jim & Mike & Ron returned from camp & we invited Jim Becker for dinner too (Charlie's out hunting). Finally received 3 horses everen in the mail from Pioneer Equipment.

Thursday, October 27.

We went hunting toward Rush Point today & took Troy, Ben, Cricket, & Daisy - saw lots of deer and a few ewes. Fed rabbits, horses, and did usual chores. Ron and Mike were late getting back, so at 9:30 pm we went looking for them. Ron had shot a ram with his bow - a 3 1/2 year old with good horn growth.

Talked to Mike Schlegel today about radioing the bighorn ewes next December and what needed to be done before instrumenting the sheep.

Friday, October 28

Jim & Mike & Ron went up Rush Cr to bring Ron's sheep down. I turned the east water line off and disconnected the intake pipe. I drained Arlows water line, using a hose to drain the hot water heater. Removed water from toilet bowl & tank then put antifreeze in toilet & all drains. Put away hoses & sprinklers from Duplex. Filled kerosene lamp & replaced wick and globe in Duplex. Tidied up the house & did 3 mini loads of laundry. We had dinner & a "championship" cribbage match with Ron & Mike.

Saturday, October 29

We saddled up ^{our} horses & mules and packed Ron & Mike's gear & sheep to Soldier Bar airstrip. Carl & Sandra Isaacson called to see if they could come visit. They came ^(flew in) for dinner & spent the night. Jim cleaned up the tackshed & finally caught the woodrat of the little tack shed.

Sunday October 30

Visited with Carl & Sandra in the morning. Ray Arnold flew in to pick up empty propanes & garbage, & visited for a few hours. We moved gear & equipment from the gabion project back to the shop and tackshed, then moved 2 propane tanks to our backyard - all with Rocky & Top and the Stoneboat.

Wrote thank you notes to Dale Bruns, INEL and Wayne Minshall, ISU for last week's trip. I even wrapped several Christmas presents I bought last week!

Monday, Oct. 31st

Holly defrosted and cleaned out back refrigerator. I dug up water line by property sign and repaired a leaking joint - it needed new clamps. Did fence repairs in orchard and along south bank of airstrip where mules have been breaking through. Jack Magee and son Jeff stopped in for short visit & coffee, they were enroute from Lower Loon Cr. to Cabin Cr. deer hunting. Holly gave me a hair cut today. Cleaned the cabin

Tuesday November 1

Today we spent weatherizing - putting varathane & paint in our cellar from the shop to prevent freezing; drained & blew out water lines in Lab and put antifreeze in drains & sink inlet, emptied toilet & hot water heater, turned off gas to lab; sharpened axes & hatchets for Lab & Duplex woodpiles; drained & put away hoses; Cleaned out chimney pipe at Taylor Cabin - it needed it. Wrote up the monthly weather report. Ordered Christmas cards. Put pictures away from INEL slide show, from Oz, and fire pictures and sorted out ~100 slides to be made into prints for T.R. Scrapbook. Covered vents under Duplex. Opened the box of new double trees and 3 mule eveners.

Louie Matthews ~~stop~~ came down to visit from Cabin Cr. We got a few sprinkles of rain in the evening. Jim was happy about that, since he had spread 25 pounds of pasture grass mix seed on the airstrip earlier today.

November 2, 1988 Wednesday - Mail Day

We finally had a rainy, cloudy day. And its mail day. My fingers are sore from writing letters all day!

I wrote Oz a 5 page summary of our trip to INEL as well as a 2 page letter of information requests, and reimbursable receipts. I also wrote Kerry Reese asking him to organize some students to come in to help radio bighorn ewes in December.

Jim wrote Bob & Vi Webb about Bob's pay from last week (INEL) and sent a check for ^{fresh} peaches. He also wrote Claude Fields asking for a social security number, so the cross cut saw sharpening can be paid by UofI. The mail plane never did come in. We wrote personal letters too.

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Nov. 3, Thursday

Spent the morning on more mail as the weather is still not flyable. Ray was finally able to make it in early afternoon with mail & groceries. Pulled shoes on Miya & Crickett and then an absolute deluge set in before we could trim them. Went through mail, also received a sampling kit from Wayne Marshall to test Cliff Cr. water. Jim quickly filled out an absentee ballot for the upcoming election while Ray had brownies.

Nov. 4, Friday

Holly spent the morning filing away slides in new binders received yesterday. Pulled shoes on Daisey and trimmed her, Miya, & Crickett. Weather still squally, snow level down to 3rd bench at times. Rode Troy & Ben up to Kush Rdg. drift gate looking for deer.

Nov. 5, Saturday

Rained this morning. Have the horses/rakes on once-a-day rations now. Travis and a hunter went up Pioneer Cr. Wrote to Gof I to have our pay slips sent here rather than to department. Heard news putting heads but couldn't relocate in Cliff Cr. once up there. Kind of a gloomy day, mostly stayed in and wrote letters, read, etc.

Nov. 6, Sunday

Spotted some elk up Cliff Cr. so I went after them with camera since the lighting was perfect... no luck. Spent the afternoon taking benthic macro-invertebrates

Sample in Cliff Cr. for Wayne Minshall ISU... very cold on hands! Also dismantled Rush Cr. diversion dam while waders were on. Holly spent evening labeling samples and wrote Wayne M. a letter to go with sample items.

Monday November 7

I worked in the garden today. I harvested carrots, potatoes and onions. Dug up several flowering plants that had fared the freezing temperatures and repotted them as houseplants. I cut other flowers for bouquet arrangements: statice, sweet pea, calendula, and daisy. Pulled out big plants like tomatoes and peas and piled them for burning.

Cleaned and put away tomato baskets. Jim went deer hunting in the morning. John Reed, one of Arnolds pilots came to visit us for a few hours while waiting for passengers at Cabin Creek. Fed the horses in the morning.

Tuesday, November 8, Election Day

Today we had the first snow of the winter at Taylor Ranch. It wasn't even an inch, but was a welcome change. Many animals were out feeding above the third bench of Cliff Cr. We saw ~25 elk,

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~25 elk,

30 bighorn sheep and 15 deer scattered
in small groups. Jim rototilled my
gardens and cleaned & put away the
rototiller for the winter. Charged the
battery for lights - it has not been holding
a charge very well - hope it works
better on the solar set up. Caulked the
roof where solar panel frame is attached,
as it was leaking. Did some major
housecleaning - including finally sorting
through mail from the last 6 months.
Burned a lot of junk mail & old letters;
filed important items away. Wrote a
note to Mike Dunbar, a veterinarian
who will be taking blood and fecal
samples from bighorn sheep that we trap
for radio collaring next month; also
made arrangements for him to do some
work on my mule Cricket and bring in
worm paste for all stock.

Wednesday, November 9

Spent the morning on business letters -
Mike Schlegel F&G, Mike Dunbar vet, Jim
Peek about radio collars to borrow. Our friends
Barlows - Bart, Pam, kids Russ & Ellen flew
in early afternoon on the mail plane.

Thursday, November 10

Hiked up into Cliff Cr. burn. Holly & Pam
photographed sheep on Horse Mtn. side of
Cliff Cr. Got call from Mike Schlegel, he
said everything was a "go" for sheep trapping

next month and that the net trap would be flown in on Sunday. Cleaned out rabbit pen.

Friday, Nov 11th

Climbed up E. Pioneer to about 8500', Howling wind with occasional snow. Holly & Pam & kids were more ~~sensitive~~^{sensable} and stayed home. Surprised to find deer and elk very high inspite of winter type weather. Holly did some house cleaning and laundry late afternoon. Hiked ^{Pam, Holly & kids} to Cougar Creek.

Saturday, Nov. 12-

Wet snow off and on today. Burned one of the big brush piles along the airstrip. Cleaned house, entertained kids in the p.m. Feeding horses once/day for the last week.

Sunday, Nov 13

Another snowy day. We were expecting the bighorn sheep net trap today, but it did not arrive. We hiked around behind the ranch & Jim & Pam hiked to the 3rd bench. They saw a group of cow elk, 4 big bucks together, and many bighorn sheep above the 3rd bench. We took the kids, Russ 4 and Ellen 1 on a "hike" down the airstrip. We (me & kids) also colored most of the day and played with the rabbits and on the haystack. Fed the horses twice today - hay & grain.

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Tonight was one of those magical evenings when the snow geese migrate thru in the first big snowstorm of winter. They have been flying over low and circling for the past several hours. It sounds like some have landed in the pasture and airstrip. Their calls can be heard constantly as they locate each other in the dark.

Monday, Nov. 14th

Spent the morning waiting for word on if Arnold's would fly today, wet snow and fog in the a.m. The storm broke this p.m. and an Arnold's plane made it in mid-afternoon to take out the Barlows, they also brought in our mail.

Tuesday, Nov. 15

Both Holly and I went deer hunting this morning - cold near 15°. Managed to get a nice 4 pt. w/ bow up Pioneer Cr. Spent the afternoon packing it home and getting the meat taken care of.

Wednesday, Nov 16

Usual morning chores, we're feeding the stock twice a day now. Holly sorted through gloves/clothes on the back-porch and brought down winter clothes from upstairs. Gary & Tim Koehler came down to visit w/ two horses. Holly made Lasagne and we had a good visit. They spent the night.

Thursday, Nov 17

Had a leisurely breakfast this morning. Went over project abstract with Gary - done by a summer intern about Gary's boheat work. Gary & Tim packed up and left at noon. We saddled up 4 head and went up to Pioneer camp to pack it home. Cold, wet trip as brush was covered with wet snow. Got the camp packed home by dark.

Friday, Nov. 18

Spent half the day sorting, drying, and putting away camp gear. Found out at noon that Holly would be able to fly out later today so made lists of things to buy - things to do etc. She will be attending the Idaho Wildlife Congress in Boise this weekend. Did usual chores and cleaned the house. Holly flew out at 4:00 pm.

Saturday, Nov 19

Put a double tree on the snow roller. Pulled shoes off Ben and trimmed.

Louis guides Jim W., Mario, and Travis spent evening - overnight on way trailing out with 25 head. I made a spaghetti dinner.

Holly at Wildlife Congress; discussed the sheep trapping with Tom Parker IDFG and made arrangements with Mike Schlegel to get apple mash bait.

Sunday, Nov 20

Got up early and helped Jim, Travis, & Mario get ready to go. They headed down the trail at 9:00 am. Drained water from plumbing at duplex. Johnny stopped by with hunter enroute to East Pioneer Rd.

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Monday, Nov. 21

Johnny and Dave Carver spent the night here as they were well after dark getting down from Pioneer Cr. They headed back to Cabin Cr. after breakfast. Went up to timbered bench photographing marmots, there were two hawks up there. A plane landed while I was taking pictures so I rushed back down just in time for the plane to take off while I was on the bridge! He had brought in the sheep trap equipment. Did usual chores and fixed wagon blockade where mules broke into hay stack. Holly making purchases in Boise.

Tuesday, Nov. 22

Did morning chores. Wet and dreary today, Holly unable to be flown in due to snow storm in Cascade. Wrote several letters while waiting around the radio. Visited with Deb Wilkens (former intern) who was at Sheep Ranch visiting her sister. Hauled a partial salt block to 1st bench to get sheep used to going to the trap site. Sheep are still scattered - mostly are above the 3rd bench. Holly called Telonics about radios & talked to Oz Garton too.

Wednesday, Nov. 23

To my surprise the weather broke long enough for Kay to bring Holly in plus mail. Holly had close to a plane load so the rest of the day was devoted to putting things away. She said the Idaho Wildlife Congress was well worth attending. Visited with Tony Wright who is now the person at Running Creek. Chores as usual. Jim read thru NRA & FNAWS proposals, preparing for 2nd year proposal to FNAWS.

Thursday, Nov. 24 Thanksgiving

Usual morning chores. Took Golda
on a local grouse hunt - had to work
hard to get one ruffed grouse... missed
some too. Holly fixed grouse with all
the usual turkey trimmings. Discussed
wildlife congress topics - hopefully all the
progressive ideas will get put into policy.
Holly spent all morning wrapping & packaging
Christmas presents for mailing.

Friday, Nov 25

We spent all day revising our old
sheep proposals for the second year
FNAWS application. We put the
cover letter and 1st draft study problem,
objectives, and methods on the computer.
Changed both batteries on the generator.

I gave Golda a bath in the
bathtub - her first! She had rolled in
something smelly & I couldn't get
rid of the smell! Now she's fluffy
& sweet smelling. Fed the horses
twice today, rabbits fed & watered.

Usual chores. We made airline
reservations for flying to Phoenix
over Christmas. Chatted with Bob & VI
about coming in Dec 10-13 while we
are in Moscow for an advisory
committee meeting. I installed a
towel rack in the bathroom.

Saturday, Nov. 26

Holly spent the entire day getting the bugs worked out on the printing aspect of the computer. I did some editing on FNAWS application in the morning. Went up on benches to get rutting sheep photos, ended up getting in close on some head butting but it was during a snow storm so no pictures. Besides the sheep mob, saw 35 deer and 7 were bucks. Chores as usual including checking water box regularly as temperatures have dropped. Began on Christmas cards.

Sunday, Nov. 27

Once again we spent most of the day on the FNAWS application for our sheep study... and into the evening. I did sneak away to attempt photographing some bucks on the face of the 3rd bench. Holly took a break from the computer to ride Cricket around. Very cold and grey today, last night it was down to 10°, hope we get some snow insulation soon!

Monday, Nov 28

The snow we wanted came last night - 4 inches. We made 6 or 7 phone calls today. Called Bill Bigelow of Nat. Rifle Assn. about the status of the proposal we sent out in April - only to find it had never been received by NRA / or sent by U of I. We were very upset by this lost opportunity for funding. Dennis Eggers of NRA called to say it was too late to reapply for funding this year. Called Lynn Kitzer, CFWR purchasing to resolve the billing of Garden Way Inc - a collection agency is after me on an incorrect billing.

Jim Called Oz Ganton about a Christmas caretaker & to let him know we would be sending the FNAWS grant proposal up to be run thru MoI channels. Jim called Mike Schlegel to arrange for getting apple mash sheep bait in on the mail plane. Called Mike Dunbar to see if he could do the surgery on Cricket this week instead of later in December.

Went up on Benches photographing deer and sheep this afternoon. Holly typed info onto FNAWS application this evening.

Tuesday, Nov. 29

Spent the morning & finalizing the typing on the Sheep Foundation application. Also wrote (typed on computer) letters to the state sheep chapter and to F&G (Mike S.) to get endorsement letters for our projects. Saw lots of wildlife around the ranch today - deer in the yard, elk in lower Rush & Pioneer creeks, and an eagle on a chukar kill across the creek.

Wednesday, Nov. 30

Rolled the airstrip with Rocky & Top early in the morning for the mail plane. We only had a 4" base, but want to keep it rolled so we can use a 20' to get people in on the sheep trapping next month. Wrote up and mailed the monthly weather summary for National Weather Service. Wrote Nick

Christmas would be set up to Jim called getting in the mail see if I get this over. Deer and antelope. evening.

Trying the application. refers to the (Mikes.) our projects the ranch in lower eagle on

fly & top mail

use sheep up and many ate Nick

Steel, of S. Africa - a Christmas card. Added up postage on 6 Christmas packages & sent a check to the P.O. Our mail service seems to finally be improving, but the new HC85 address & the P.O. computers in Boise are causing regular misdelivery - resulting in 3 week delays in receiving mail & 6 days to send a letter to McCall! We received mail today - John Reed ^{\$200 lbs of apple pulp for sheep bait} flew the mail in & stayed for coffee. Later in the afternoon Jim went up Bush Creek to photograph a 6-point bull elk he's been watching for several days. I went to the sagebrush flat to watch the elk & give hand signals - besides basking in the sun on a snow covered rock reading the just delivered issue of Small Farmer's Journal. Fed the horses as usual - twice a day hay, and grain in the evening. We have been breaking the ice in the horses water hole twice per day. Cricket & Rocky paw out their own water hole further upstream. Checking the water line twice a day now - have had ice plugs in the inlet, but with frequent checking haven't had any big problem yet.

Thursday, November December 1
Took a bag of apple pulp to the 1st bench to start baiting sheep in for the trapping / radioing in a few weeks.

veterinarian

Mike Dunbar called about coming in next Wednesday to do the surgery on Cricket; also discussed the sheep trapping when he will collect fecal, blood, and body fluid samples from the captured bighorns. Fed horses & rabbits, checked the water box.

Jim took some "award winning" photos of a big 4 point buck on the 2nd bench with the cliffs as background. He said the buck was lip curling & very interested in the accompanying does, who showed no interest in him (the buck). 30+ elk filed out on the sidehill below the 3rd bench - the largest group we've seen this fall/winter. There are elk behind the cabin & at the mouth of Rush Cr. too. Cleaned pine needles-debris from Arlou's gutter which was totally plugged, still has some frozen "gne" stuck in the bottom.

Friday, December 2

Cleaned house and Holly made an elk stew for lunch anticipating visitors from Cabin Cr. Travis and Darl came down from Rush Mt. with rounds en tow and then shortly after Dean Pogue came down from Cabin Cr. Visited most of afternoon. Usual chores of animal feeding and ice breaking.

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Saturday, Dec. 3

Holly's Birthday today - had 25 lbs
from her friend's sister Dee. Took some
apple wash bath to 1st bench, still
not getting much sheep use at the bath.
Did several loads of laundry... not totally
trusting the future of the water system!
John from Arnolds flew in with 2 barrels
of F&G fuel, he also brought in a 3-day
cake for Holly and the mail. Carol scrambled
and got the cake ready for me... avoided me
out of having to bake one! Golda fixed a
boheat at the lab today - a young one.

Sunday, Dec. 4

Did usual morning chores and then
we hit the trail - in opposite directions -
looking for sheep. I hiked to the Gooseneck
6 mi. upstream, and Holly rode Rocky down
to Dance Cr., neither of us saw much.
Started fletching some arrows for Jim Wachtel.
Also used the butane torch to thaw the outside
faucet. Over 30 elk on 3rd bench, another 8
behind cabin up Pioneer Cr. Hauled 2 new
propanes to our cabin using toboggan.

Monday, Dec. 5

Morning chores as usual. Holly found the
outlet to the water box plugged with ice.
Cut up the hind 1/2 of my deer into jerky
strips and put in sauce-brine. Found that
the deer had a badly broken leg as suspected
before shooting. Holly put sheep data onto
the computer most of the day. Took some
hay cubes up to sheep bath site called
Mike Schlegel's Oz Bar for on business.

Tuesday, Dec. 6

Holly spent all day putting sheep data on the computer. I wrote 20 or so Christmas cards after the usual chores. Warmed up quite a bit. The bobcat family definitely is residing under the lab - they hauled the bones from deer hind holt and got them wedged in an access hole! Worked on more letters/cards all evening. Making deer Turkey too.

Wednesday, Dec. 7

Snow flurries this morning. Refueled kerosene refridge. Holly and I hauled another bag of apple mash to 1st bench, to our surprise there were 35 sheep on the bait, now a combination of apple-mash, hay cubes, salt. Continued on Christmas mail while waiting for mail plane which possibly w.ill have Mike Dunbar ^{Crickets minor surgery} on board to do some vet work on horses/mules. Ray, Mike came in late afternoon, too late to do any vet work so arranged for another day. Ray had picked up Mike from Salmon where he'd been involved in a bighorn problem diagnosis. The sheep had pneumonia, contracted from contact with domestics.

Thursday, Dec. 8

Did usual morning chores then hauled a bag of mash to 1st bench, there were 14 sheep at the bait. Checked on gabions after the ice went out on Big Cr. last night, everything still together although

covered with ice. Packed 4 bags of grain to corral shed. Cleaned out rabbit pen, put in new hay. Our water box performing well, still check it each day. Holly spent most of day on slide show we'll give in Moscow next Monday. Called Mike Schlegel to finalize sheep trapping plans.

Friday, Dec. 9

Did chores and then hauled another bag of apple mash to 1st bench along with two chunks of salt. Saw 42 sheep total, on and around 1st bench, 29 came to the bait while we were there rebaiting. Cleaned stove and stove pipe with brush. Holly cleaned out the refrigerators. Vacuumed did some house cleaning and got things ready for Moscow trip. Quite warm today, half rain half snow until late afternoon clearing.

Sat Dec 10

Bob - Vi - Miked Sherry Arrived Taylor Ranch about 3:10 PM - Visited about 1/2 hr with Tim & Holly then they took off - Good Fly trip in (little snow storm) Got things put away etc Fed horses - Rabbits was doubtful whether we would get in or not because of weather conditions.

Akensons spent most of the day writing Christmas cards, organizing gear for Moscow trip, and writing up TR budget plans & action plan ideas. Spent the night in Grangeville with Fuchs.

Dec 11 - Sunday

Chores early - After weather turned in - Got bag of Apple Mash and took up to 1st bench - No sheep there some mash left from day before plenty of salt mixed on up to second bench spotted sheep in brush over in cliff creek - seen two rams off to east slope - 6 deer across Big Creek when we went sharpened up hay knives - Replaced axe handle and new handle in splitting Maul - Started generator so I could drill out old handle in axe was in there tight went to put in new glass in cook house but nothing worked glass that is in fuel shed is about two inches too long - I wrote measurements down on cardboard that glass is stored in - Put plexiglass back in window

Dec 12

trace of rain about 4:00 AM - Fairly warm all day - Went down Airstrip and tried to burn brush piles but sure didn't have ANY luck - I guess too much snow and maybe green messed with them all morning. Hiked on down to Gabion baskets

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 AM - Fairly
 in strip.
 but
 - I guess
 green
 in
 sketches

Almost covered with big ice chunks
 Fix gate hatch on gate up by ~~gate~~
 Put quarter round in lab around front room - We worked around kitchen
 Mike & Sherry hiked up to third bench
 Seen total of 5 sheep up by third bench 12 deer - and also seen
 A COUGAR below third bench - Said
 No animals had ate any apple mesh we took up yesterday

Dec 11-13 At U of I, Moscow.

^{Dec 11} Did Christmas shopping then went to Garton's house. Talked to Oz about advisory meeting agenda & received sheep radio receiver, phone books, and campus directory. Xeroxed FNAWS sheep proposal. ^{Dec 12} taxi car checked at Subaru. Put slide show together & previewed presentation. Talked to Lynne Kithner and Cathy Rummelhart about GardenWay (just pay wrong bill), past reimbursable receipts (2 sets not ever received), past travel expense (just processed), turned in Claude Field's SS#, and discussed how to bill to multiple budgets thru Arnolds. Talked to Kerry Reese about students interested in trapping sheep at Taylor, made a decision on who would come in. Picked up T.R. snap traps from Wildlife Dept. Talked to Jim Peek - Chinese student working at TR next summer & coming in for trapping next week, his monitoring, etc. Picked up Jim's radio collars. Carried paperwork around to get (postage stamps) check to Postmaster.

Had lunch with Advisory committee and meeting until 5pm. Agenda included our

slide presentation about T.R.; Oz presentation on direction of TR & review of the "new" long range plan; Greg Hayward slides on his owl projects & applic of ^{TIMEY} wilderness work to management; and Oz presented Monitoring as an umbrella focal point in research with a list of necessary topics; group discussion of presentations & ideas (Jim P., Bill Mc., Karl Stz, H & P & Oz, Greg & Pat Hayward, Dick Wallace, Mike Scott, Ciempope, Grant Simonds). Jim met with students flying in next weekend for sheep trapping to discuss times, gear, & arrangements. We met with Jim & Candy Becker in the evening to answer questions & talk about what to expect when they come in to caretake T.R. over Christmas for us. Had dinner at Canyons with Greg & Pat H.

^{Dec 13} Assembled slides in slide pages, collected radio tracking equipment. Tried to call FNAWS about press release. Jim called Jim Thrash about a sheep photo he wanted to use for a painting to be donated to FNAWS. Turned in Bob Webb's pay slip & our travel. Looked over budgets & discussed expenditures (anticipated) for the rest of the year with Oz. He will have to talk to Hendee about reinstating the additional \$5,000 to the maintenance budget. Discussed projects for remainder of year. After picking up Postmaster check at admin. office we headed for Cascade; 1 hour late. Called TR to tell Mike Dunbar to go ahead with Cricket's surgery.

Met Ray Guse at Arnold's at 3:00. He is coming in with us to help set up the sheep trap. Ray Arnold flew us in, visited quickly about Cricket, sheep & B & Vi & Pi & Shari's stay at Taylor. Fed animals, checked Cricket's legs. Put away gear & groceries.

December 14, Wednesday

Fed horses & rabbits. Cricket is moving around - small steps, thirsty, but not wanting to eat. We kept her in the corral over night. Packed Topper, Top & Rocky with sheep trap equipment. Mike Schlegel ~~flown~~ & friend Steve Smelser flew in with Mike Doris to help with setting up the trap. We spent all day setting it up. We fired the trigger once with only partial success. We left the net down & will work on it again tomorrow. Mike & Steve flew out. We checked AVM radio receiver - it's missing a vital part - unusable! 2 sheep came to the lick between our sassy traps, but didn't stay around. Arnold's plane landed while we were on 1st bench, then left soon after. Sorted thru 3 new packages of slides - bucks, Jim's buck, National Guard Generals + Governor, fire crew.

December 15, Thursday

After morning chores we once again confronted the sheep trap. After virtually adjusting everything we got the thing set up in what appears to be a functional

Manner. Travis showed up in time to help erect the center pole - truly a 4 person job. Even had 3 sheep come investigate while the net was down... they almost walked on it to bait. Packed some more bait (cubes & apple mash) to site. Left trap set so sheep accclimate to it. Miya a bit colic acting this evening, gave her the mineral oil treatment. Very cold today. Also cleaned off Crickets incisions with betadine soap and cleared ice from water box after dark. Called Dave Stucker to make arrangements for him +2 to come in as a FNAWS representative.

December 16, Friday

Con called to say they would be bringing leftover horse feed & groceries from their camps & we invited him & Travis & Johnny to spend the night here. Jim & Ray ^{almost} photographed a big buck up Pioneer Cr. while I wrote a letter to the postmaster with a U of I check for postage and a letter to Mike Dunbar on the billing for Crickets surgery, worming, eye problems. Ray Arnold flew in with 5 propane. Jack Magee flew in 3 times with barrels of helicopter fuel out of Grangeville for Fish & Game Sheep & elk counts. We saddled up Daisy & Top for riding and Rocky, Lady, & Topper for packing again, then Jim, Ray & I headed to Goat Basin to meet Con & pick up feed. We had a big dinner back at Taylor & a ~~sabbage~~ match (6 handed). Fed horses & rabbits, checked waterbox and weather. Put away groceries from Con.

No call from CZ so tried to call Oz - left message to return our call.

Saturday, December 17

Fed horses & helped Con get saddled for the trip to Flying B training 11 horses / mules out to Challis. Ray Arnold flew in with 5 UI wildlife students: Tammi Lesh, Mike Schrade, Mark Ulliman, Bill Stutz, and Chinese graduate student "Chu" (Qiu) we visited over coffee & cookies then hiked to the ~~litter~~ benches to look at the net trap and sheep on the upper slopes. Tammi showed Mike & Mark & Bill the buildings. They distributed axes, water buckets, and mattresses to buildings from a list I had compiled this morning when checking buildings. The students are staying in the cookhouse & bunkhouse. Jim put plastic shoes on Ben's front feet, since his horizontal ^{hoof} crack broke out to the edge of his toe & seems sensitive.

Jack Magee flew in twice with Jim Pope, Jr. with helicopter fuel. We put a tarp over the 12 barrels. Called Mike Schlegel about coming in - he will wait to fly in until the sheep are down to the lick. He will coordinate with Dave Stucker. Tried to call Oz for the 2nd day - no returned call; left a message yesterday. Received a letter from Denis Eggers of NRA apologizing about not receiving our grant application last spring which we were told was mailed from DFI by supervisors. We will apply again next year.

Sunday, December 18

Spent most of day monitoring the trap area from the cabin and up the ridge west of Cliff Cr. Wrote several Christmas cards. Holly did some laundry. Several of the capture crew hiked almost to the top of House Mtn. Did usual ranch chores - the water box still functioning fine, much to our delight. Saw close to 50 sheep on upper benches and east nob, still no interest in 1st bench bait. Spoke with both Mike Schlegel and Mike Dunbar. Sounds like Mike D. has to go to Salmon on crisis sheep die-off on the North Fork Salmon. Got together with capture crew after dinner for a game visiting.

Monday, December 19

Did morning chores and then visited with Mike Schlegel - rescheduled trapping for right after the new year. The capture crew hiked down to the gorge. D. d. see 8 deer and 2 rams check out bait under net - it looked like they went under trap canopy. Holly prepared a fancy turkey dinner with all the trimmings. Played Fictionary in the evening with everybody. * Wormed the 9 horses/mules with Ivermectin

Tuesday, Dec 20

Took down the sheep trap on the 1st bench. Ray flew in early afternoon and took out 4 people, Ray & ~~Tom~~ Tom stayed in. Unflyable rest of day.

Wednesday, Dec 21

Spent majority of day in a hold pattern, waiting for the weather to break. Rolled the airstrip in the morning; used the regular team plus Daisy. Hiked up above the benches late afternoon - saw over 80 sheep on upper slopes. Chores as usual. Once again got things ready to go.

THURSDAY DEC 22

JIM & HOLLY LEFT ON HORIZON AT 8T.
GOLDA STUCK UNDER OLD HOME
40 SHEEP ON UPPER SLOPES
CHORES - OVERCAST & GRAY ALL DAY

FRIDAY 14° DEC 23

14 EUR ON LOWER BENCH

WENT FOR WALK TO TOP OF HILL SAW A
TOTAL OF 79 SHEEP, 12 DEER - 11 RAMS
AT START WALK 5 IN ONE BUNCH 3 OF
WHICH WERE BOTTLED HEADS 30 YARDS
FROM US. BLUE SKY IN MORNING TURNED
GREY IN AFTERNOON. CRICKET SEEMS GOOD.
GOLDA FRIED GROUSE IN TREE BY DUCK.
HOPE SHEEP RUMMUS TURN OUT!
DID CHORES.

SATURDAY DEC. 24 8°

COYOTE CHASING DEER WEST SIDE OF
SECOND BENCH. WENT TO GOAT CR. WITH
TAKENB PRESENT TO HARRY, BUT CANDY
WOULDN'T SWIM BIG CREEK. BLUE SKY
IN A.M. TURNING BETTER IN P.M.
WIND FROM SOUTHEAST. NO KNEEILLS

IN P.M. UNTIL AFTER 5PM WHEN
SO SHEEP WERE SPOTTED ON
SECOND BENCH. HORSES AND MULES
RUNNING ALL OVER PASTURE - KICKING
UP HEELS ALL THE WAY DOWN
RUNWAY. HAVEN'T SEEN SANTA YET!

SUNDAY Dec. 25, 1988 17°
MERRY CHRISTMAS EVERYONE!
SANTA WAS HERE LAST NIGHT.
REINDEER & SLEIGH TRACKS ON
RUNWAY. FINALLY FIGURED OUT OVER
SO WONT HAVE TO FEED TURKEY TO
COYOTE. SNOWED LIGHTLY FROM 4AM
TO 9AM THEN QUIT FOLLOWING AROUND
AND RECENTLY SNOWED (FOR ABOUT 5MIN.)
LIGHT SNOW UNTIL 6PM. YAR, GOLDA, CANDY,
AND I ENJOYED GREAT CHRISTMAS
DINNER! 6 MULE DEER BACK BY
WATER BOX IN P.M. NO, NO, NO! CHORES

MONDAY Dec 26, 1988 8°
CHORES. TALKED TO JIM A. ALL OK.
CALLED VET - GAVE ZOCC COMBODIC + DAY
OOT 140L IN HER 3-to-a-SIDE - NEEDLE
DULL. WALKED TO THIRD BENCH. LOTS OF
ELK, DEER, SHEEP. WATER OK. AT TENDAY
11° BEAUTIFUL SUNNY DAY. JIM A.
CHILLED IN P.M. ALL IS WELL. CHORES

VITEN
IN
DO MULES
KICKING
OWN
AUCHA YET!

17°
WE!
GONE.
XS ON
OUT OVER
WREY TO
FROM 4 HRS
GROUND

5 AM.
DA, CHNDY,
MHS
139
No! CHORES

8°
ALL OK.
DODGE + DAY
NEEDLE
LOT'S OF
HE TDAY
JIM A.
U. CHORES

TUESDAY DEC. 27 6°
- 1° LAST NIGHT. CHORES. CRICKETS
LEG REALLY SEEKS BETTER NO POS
THIS AM. JUST A LITTLE SWELLAGE.
TRIED TO GIVE CRICKET ZOCC. CAN'T GET
IT DONE. #18 NEEDLE REALLY SEEKS
TO BOTHER HER. SHE'S REALLY FEELING
GOOD ABOUT IT, BUT TRYING TO KICK
ME. HARDER ON ME MEAN HER. MULES
+ HORSES PLAYING "KICK ME" IN
PASSIVE ALL DAY. GREY & COLD ALL
DAY. CANDY HAS COLD. WE READ ALL
DAY. NO ANIMALS SIGHTED. FENWICK ZOCC

WEDNESDAY DEC. 28 6°
CHORES. CRICKETS LEG LOOKS REAL
GOOD THIS AM. A LITTLE POS. THIS AM.
GOLDA RAN TO WINDOW, JUMPED AT
WINDOW SILL AND STARTED GROWLING.
WE LET YAP INSIDE JUST IN CASE IT
WAS "BOOGIE COUGAR." SNOWED ALL MORNING,
SON CAME OUT, WE HEADED FOR CABIN
CL. RAM BREWS IN SALT WICK. 27 CLK,
7 SNEEZ, (1 RAM), 7 DEER ON RUSH PT.
TURNED BACK AHEAD 1 MT SHORT OF
~~CABIN~~ CL. IT WAS COOL IN THE GLEN.
SAW 2 OTTER SLIDES, KNOBFSKER. STILL
HAVE NO ICE IN WATER BOX. GOLDA
TIRED, YAP FAT. CRICKET ZOCC

THURSDAY DEC. 29 10°
CHORES. FIRST TIME THERE WAS
SOLID ICE IN HORSE WATER HOLE.
CRICKETS LEG FINE. NO SWELLAGE THIS

AM. SEEMS TO SNOW EVERY MORNING
BETWEEN 8 & 9:30 OR 10 THEN STOP.
TODAY SNOWED MOST OF MORNING. GREY
WINTER DAY. ME AND MY BLUE OX
(GOLDA) STACKED BROKEN BRANCHES &
TREES BEHIND BUNK HOUSE. ONE MOLE
HAD BOTH FEET IN WIRE LOOP
STAPLED ONTO A POST. ADDED THIS TO
PILE. USE FOR FIREWOOD OR BURN.
THE BLUE OX WAS VERY PLEASED WITH
HER CONTRIBUTION TO THE EFFORT.
ALSO CHOPPED WATER HOLE GRAIN,
HAULED GRAIN AGAIN, & CUT HAY
STACK AGAIN. NOTICED AT A.M.
FEEDING CRICKETS LEG SEEMS A LITTLE
SWOLLEN AND IS OozING (DRIPPING)
BLOOD, WISH IT WOULD HEAL UP. IF
NOT BETTER IN P.M. WILL CALL VET.
CANDY CLEANED HOUSE AND BAKED
AN APPLE PIE. 5 MOLE DEER OVER
SALT LICK IN P.M. INCLUDING 1 FORK HORN.
SONIE BOOM IN P.M. SHOOK HOUSE &
RATTLED UP & DOWN CANYON.

FRIDAY Dec 30. 20°

WE POT SUN DRIED LOTTON ON THIS A.M.
IT'S A HEAT WAVE! CRICKETS LEG
FINE. NO SCRAPAGE, JUST A LITTLE
POFFY ON INSIDE OF KNEE. HOLLY
CALLED THIS A.M. MAY BE IN ON 31st
PACKED APPLE MASH TO TRAP ANOTHER
SACK OF GRAIN TO BANK. WALKED UP
TO 2nd BENCH & SAW DEER, ELK, SHEEP,
COYOTES. WEATHER INTERMITTENT, SUN

WEEKEND
SUN.
GREY
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MOUNTAINS &
NE MILE

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SED WITH
FROST.

HOTEL,
HOLLY
P.M.

A LITTLE
BOTTLENECK

ST. FF

VET.

BAKED

ER OVER

1 FOLK HORN.

SE 4

MHS A.M.

LEO

LITTLE

HOLLY

N 31st

VOYNER

ED UP

SNEEZ,

T, SUN

BREAKS, SNOW, DARK & COLD. HERSELF & NICKIE
TOOK OFF COAT AND CRICKET JUMPED UP ON
FRONT FEET & TRIED TO KICK HERSELF BACKWARD
HER SCREAM TO FEEL SETH GOOD.

SATURDAY DEC. 31, 1988

22

HAPPY NEW YEARS EVE. MAYBE OUR
LAST DAY IN GOD'S COUNTRY. CRICKET'S
LEG LOOKED GREAT THIS AM. NO
SEEPAGE, NO SWELLING. MIGHT BE
STARTING TO HEAL. COYOTES SERENADED
US LAST NIGHT. DISASTER! KNOCKED
BAROMETER OFF TABLE WITH WOOD CHUNK.
GLASS CRACKED. Jim has kept the
log and done a very good job — just
want to report what a highlight
this has been for me, very, very special.
Been a fantastic opportunity for
Car and myself. Thank you for
allowing us share your home. I hope
1989 is fantastic for both of you.

Holly and I flew back in mid-afternoon.
Good to be home, especially since I contracted
a nasty cold while in Arizona. Spent the rest
of the day filing things away.

We mailed FNAs grant application on 12/22
from Boise. Also discussed 2nd attempt on sheep
trapping / collaring / testing with Mike Schlegel today.

Sent a letter to Postmaster with \$50 U.S. I
check which had mistakenly been returned to
us with \$50 worth of stamps. Sent out bills
(checks), and mailed travel expense forms
from Dec 10-13 trip to Moscow. Tried to call Oz
when out — he was on vacation.

Jan. 1, 1989 New Year's Day

Did usual morning chores. Went through last 2 weeks of mail, responded to personal business stuff. Cleaned rabbit pen and re-hayed. Holly doctorated Crickets left leg; the surgery is swollen, knobby, and somewhat infected. Put her back on ^{20cc 2x/day} penicillin. Hauled cubes and apple mash to first bench, moderate deer sleep use at bait site, we'll set up net tomorrow. Saw 4 or 5 elk going down to bait at dark. Holly dismantled the Christmas tree, put ornaments away. Moved old rocker (Dorothy's) to lab & set our new one up in the house.

Monday January 2

Morning chores; cleaned Crickets leg w/betadine soap & 20 cc penicillin shots 2x/day. Swelling down slightly, but still ^{wound} almost the size of a baseball & fleshy. Called vet Mike Dunbar - he said keep up the treatment & put neosporin or panalog in hole. Washed 7 mini loads of laundry - mostly sheets & towels. Hung them around the woodstove to dry. This is a record year for keeping running water into winter (our previous record was Dec 31), so we are savoring every day that water flows freely from the faucet! Rode Rocky & Daisy to Lobauer Basin looking for bighorn sheep - no sheep, deer, or elk seen, but lion tracks from Taylor to Mule Basin & bobcat tracks at Lobauer & coyote tracks everywhere on the trail & on Big Cr. Jim hiked to 2nd bench to check for sheep & sheep activity - none. Checked waterbox - no ice. Vacuumed & charged battery on generator.

Tuesday, January 3

Fed horses & rabbits, watered both. Checked water box. Washed Cricket's sore 2x/day, gave her 12cc penicillin in AM and 12cc combiotic in PM since she's not responding to penicillin alone; put neosporin $1\frac{1}{2}$ " up into hole, but it came out, used Panalog in PM more successfully. We tried to install new glass in a cookhouse window, but the glass broke in Jim's hands! Cleaned up the mess & reordered glass (this was the 4th piece cut for this window - 2 broke at the hardware store & 2 here!). I rode Daisy & Ben around by the corral & taught them to turn on the forelegs. Wrote up the monthly weather statement for NWS. Cleaned out the stove pipe, ashes, & cleaned stove glass. Swept & mopped floors. Golda still being treated on feet every 3 days with Panalog. Few sheep on the benches since we've returned, but ~20 elk daily on 3B plus 20+ on Pioneer Cr behind the orchard; deer too.

Wednesday, January 4

Spent the morning on outgoing mail. Holly wrote up monthly weather sheet. Prepared some ram enlargements to send to artist Jerry Ness who's making a painting to donate to FNAWS. John flew in about noon with the mail. Ended up convincing John to help us reset the drop net on the 1st ~~yard~~, slightly more sheep activity there the last few days. Switched Cricket from penicillin to combiotic.

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net tomorrow
& at dark.
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sets leg
shots 2x/day.
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Mike Dunbar
put neosporin
mini loads
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nning
card was
every day
the faucet.
Basin

sheep, deer,
Tom Taylor
Lobauer
trail & on Big Cr.
sheep &
box - no ice.
generator.

to control infection which still is present. Did usual morning and evening chores. Also looked for a coyote kill around 1st bench area but couldn't locate. Saw an enraged eagle and raven activity, plus the constant howling of coyotes last night. Left messages twice for Oz to call us.

Thursday, January 5

Filled kerosene refrigerator and empty containers with the last of last years helicopter fuel. Now have 3 empty drums to get rid of (Doris'). Fed horses & rabbits. Cricket's getting 2 10ml shots of combiotic + cloxacillin squirted into the ^{wound} hole twice a day. The drainage in her leg temporarily stopped this morning; swelling slightly down. We spent the afternoon getting radio collars ready for putting on sheep - checked frequencies with receiver, color and number marked each of the new collars and read up on use of receiver & antenna.

Called ~~Kathy~~ Werebelow at FNAWS about where to send check at HofI for grant. Called Kathy Rumelhart at HofI for this info. Tried to call Oz twice - left message to return call once, no contact next time. Checked waterbox.

Friday, January 6

We got 2" of ~~new~~ snow, so we rolled the airstrip with Rocky & Daisy to keep it landable with vehicles. Daisy has really picked up on the teamwork & is very manageable.

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Gave Cricket 2 10ml shots of combiotic + once cloxydallin in the wound. Tried to call Oz again twice & left a message the second time about annual leave, 1st bill, fire payout, and budget, & asked for returned call once more. Jim checked the sheep trap - little use. Saw a big 5-apt bull on the upper slope of Cliff C above the 3rd bench & watched him for a few hours with the spotting scope. Looked for sheep several times today - they seem to be widely scattered & dispersed from the benches. Fed horses & rabbits, usual chores, hauled grain. Jim cleaned out chimney ^{the} ~~the~~ stones to corral shed.

Saturday January 1/

Did usual morning chores; gave Cricket 1 10ml shot combiotic + paralog in wound! Swelling is shrinking slightly & less drainage. We discovered Goldie & Yipes both have fleas!! Yipes - picked 15 off Goldie when they got too warm on her by the wood stove. Flea powdered both & will order flea collars & shampoo too! We hiked to the top of Cliff C face in search of the big bull to photograph & to collect location & composition data on sheep, deer, & elk. We took apple pulp and salt to the sheep ^{NET} trap; 7 sheep were on the 1st bench and may have gone under the net. We sat & watched with cameras ready for $\frac{1}{2}$ hour, but the sheep would approach then retreat, even tho we could see them sniffing the apples. Saw several groups of elk, deer, & sheep, but not the big bull. We sat in the sunshine at the ^{TOP} of the ridge having

Coffee, cookies and donuts while waiting for the bell to speak by - but no luck. With the temperature close to 0°F & wind & clouds we headed home. There 12" plus of snow on the ridge, compared to only 3" warmer temps on the lower benches. We found some ~~few~~ cheat verte along the rocky ridgeline above the timberline bench, similar to those above the 1st bench. We arrived home at dusk (6pm) to feed stock. Two hours later Deans & Ben stopped in. They were trailing stock from the Flying B to Coben Cr ^{for season} & got a late start. We invited them for dinner & to spend the night. Helped them set up sleds, cooked another dinner, & got beds ^{done} fine going in Duplex. We visited for a few hours.

Sunday, January 8

Made breakfast for everyone, fed all the horses & mules, helped saddle Deans & Ben's 10 & saw them off. We cleaned the house - swept, mopped, dusted. I spent most of the day working on the computer entering thesis data, while our battery was being charged on the generator. The generator starts well, even in these cold temperatures (-2°F last night). Jim checked the sheep trap & looked for animals on Cliff & Rush Cr. Put more pine tar on Ben's hooves to keep moist. Cricket

at 11cm spot of combiotic + paracog -
some noticeable improvements in weight.
We played our evening cribbage game
- we are well matched opponents.

Monday, January 9

The backcountry, Cascade, & Boise all got snow dumped on them - except Taylor Ranch - we only got 1½ inches compared to 9" on Main Salmon. I spent much of the day on the computer. Jim called MikeS about replacing the square tubing on the sheep trap. When he went to check the size of tubing he found the net down on the corner with bent tubing - now it has to be replaced before using the net. We both returned to the trap with tools to get the tubing disconnected. Called MikeS again with dimensions for tubing. Jim fed horses & gave Cricket 10 ccs combiotic; checked waterbox - AOK - no ice in box, great flow! It snowed all day. Yesterday we watched a coyote approach & sit 15' from horses while they were eating; the coyote walked between Ben & Daisy who were 5' apart - no response from the horses. Called Oz & left message to return call.

Tuesday, January 10

Another big snow dump last night. We got 5" for a total of 11"; the Main Salmon (Yellow Pine Bar) has a record 27"! We spent the morning rolling the airstrip with Rocky and Daisy and putting out fur boughs

to mark the edge of the airstrip. Charged a battery on generator & I worked on the computer all afternoon entering "scan activity" data for my thesis. Jim checked the sheep net trap and found that another support pole had broken with the weight of snow on the net and the net was on the ground. He set up the net - now only 2½' high at edges and brought the bent tubing back to the ranch.

DZ called in the p.m. about the issues we had asked about. No news, but at least we had contact! Jim cleaned out the ashes in the woodstove. We changed the propane tank late this evening - difficult to carry it up thru the snow. Usual chores; Cricket got the last 12ccs of combiotic + doxycillin today - her leg seems about the same: slight drainage (yellow, foamy), > golf ball sized lump. Put linen away in Duplex.

Wednesday, January 11

Jim checked the sheep trap after feeding horses, then headed up to Rough Canyon / Gooseneck looking for animals & to do some photography.

I discovered that I lost my entire computer file yesterday when the power ran out on the computer battery while I was saving the program! That was really frustrating.

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I found 2 backup disks, but the most recent had not been updated since 12/6. I spent several hours reading the Lotus 1-2-3 and DOS manuals trying to see if there was a backup file I could access. Couldn't find anything & then got stuck in DOS on the computer & referred to the manual again. Finally, I began the task of reentering data and spent all afternoon & evening on that. Jim spent the evening writing a bowhunting article. Usual chores.

Thursday, Jan 12

Did usual morning chores. Hatt expected Ray to fly in with fuel today so got caught up getting out going mail. Threw my back out yesterday so soaked it in a hot tub today. Talked to Dean and Dier up at Cabin Cr., tomorrow we'll go up there and help roll the strip and make two of their mules into a team. Called Mike D. about Cricket - he said stop treatment despite wound drainage.

Friday, Jan 13

Rode up to Cabin Cr. right after morning chores - cold ride! Hooked Rocky & Top to Tepson's new roller and went over strip, then worked with their green animals... mules, they did better than expected, or feared, for being totally green. Long day, got back home about 6:30 pm.

Saturday, Jan 14

Used Daisy and Top to roll strip. One of us stood on back bar to give it more weight for snow compaction. Put my elk hunting story on computer. While rolling strip we tried Daisy on left side; she acted a bit spooked and confused which was a surprise considering her right side performance. We think the strip could still be used by wheeled aircraft.

Sunday January 15

Jim printed out his elk hunting story after editing. I wrote personal & personal business letters. Our outgoing mail bag has over 20 letters waiting to get mailed - some already outdated! Fed horses, checked waterbox, fed rabbits, got the weather recorded. Cleaned the house. Cleaned ashes out of wood stove.

Monday, January 16

Usual chores. Cricket still draining - Mike D. said "keep doing nothing". Left a message for Mike Schlegel to call about schedule of sheep counts & trip to Taylor. Harnessed Topper & hauled grain to Corral Tack Shed then had him bring 4 propane tanks to our cabin on the sled. Jim took Topper & Troy to Cabin Cr. to help Dean train their mules. Spent all day until 1:00 AM on the ^{with our running ws.}

computer. At 4 pm I lost all of the data I had entered, because my diskette was too full to save the whole file. After several hours of rearranging & deleting files on 4 disks I resumed entering data for the third time! Disgusting! Jim spent the night at Cabin Cr. and helped Dean with his new mule team.

Tuesday, January 17

I did the morning chores, then hiked down to the Dunce Cr Cave and had lunch at a viewpoint of lower Big Cr. I was looking for bighorn sheep and other animal activity, and also using the trip to get away from the computer & other frustrations of the week. Not much happening downstream. A few sheep below Dunce Cr; coyotes on the ice of Big Cr; it's a warm, sunny, blue sky day! I got home before Jim & Dean; fed horses & made pizzas & chocolate cake. Jim & Dean spent the day working Dean's (J. Jeppson's) mules at Cabin Cr on the snow roller & wagon using our running W's. They did well.

Wednesday, January 18

Finally a mail day! Did usual chores. Finished a letter to the Dean of Forestry about our concerns over TR budgets, etc. Jim & Dean rolled the airstrip again with

Rocky & Daisy to smooth out hoof prints. Ray Arnold flew in with wheels (not the ski plane) and brought a barrel of kerosene and one of gasoline, plus mail, groceries, and packages & equipment. We checked the mailbag and filled out checks for bills & my tuition and sent those letters back out. We read mail and put away gear then heard Ray was returning with a second bag of mail which had been forgotten at Arnold's. We sent out the rest of our paid bills, plus checks to deposit on this second flight (by moonlight). Dean headed back to Cabin Cr. at 4. Gave Gojda a flea shampoo bath & put a flea collar on Yap - mail plane supplies.

Thursday January 19

Got an early start on laundry this morning. With these mild 35-40° days clothes might even dry on the clothesline. After lunch we went to the 1st bench to fix the sheep trap with new pipe Mike S. sent in on the mail plane. After a second trip to the shop for tools, we installed the new poles, ~~and~~ realigned all the poles, posts, & ropes, and raised the net to ~ 4 feet. There was a ram on the 1st bench today and tracks show that the salt under the ^{old} trap had been used - even when the net had been partially down.

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Jim cleaned out the rabbit pen; we did usual feeding chores. Cricket still looks the same. Mike S returned our call & Jim called Howard Quigley about caretaking. We are tentatively planning to go to Moscow on Jan 30 for a week... 5 days.

Friday, January 20

Did the usual morning chores. Saw two groups of sheep (6) and (8) go onto 1st Bench. It looked like 3 did go under the net to the salt. Classified 50+ sheep today mostly in Rau canyon. Sure is frustrating having to wait for F-6 to come up with trang. drug... could have darted a half dozen today! Holly finished sorting through mail. Heard that Dean had a week with the mule team. He and I are training at Cabin Cr. Holly saw huge lion tracks on streambank by cookhouse. Cricket's leg knot still draining and big. Holly worked Paisley at canter today.

Saturday, Jan. 21

After morning chores we hiked upstream to Rau canyon. Holly tried to photograph the big ram but he wasn't too cooperative. Three vintages of lion tracks in the trail 3 1/4 mi. upstream. Really warm this afternoon with heavy overcast, started raining after dinner. Talked to Howard Quigley this p.m., sounds like he and Kathy will be able to ranch sit Jan 30 - Feb. 4

Sunday, Jan. 22.

The rain turned to snow overnight and it snowed almost all day. Had to disconnect the sheep trap corner connectors due to heavy snow weight on the net. Holly resumed thesis work on the computer. I listened to the Super Bowl this P.M. - pretty exciting even on the radio!

Monday, Jan. 23

Got call this morning from Mike Schlegel, he still hasn't received the drug we'll use for sheep darting, sounds like Feb. now. Fish & Game also had to cancel the Big Cr. sheep counts for this month... don't know what we'll do with the ± 12 barrels of chopper fuel!

Wrote several letters today. Holly continued computing. Did usual winter chores. Also harnessed Rocky; Darsay and I rolled new snow on airstrip. Dean, Randy & Rich stopped by for coffee enroute to Goat Cr. lion hunting. They said they saw a radio-collared bobcat by their Spring Cr. camp, must have been an old one!

Tuesday, Jan 24

Did morning chores. Talked to Howard Q. today confirming he and Kathy coming in next week. Also talked to Greg Hayward today about putting posting an announcement.

of our internship slide show for Feb 2.
 Hiked to Lebauer Basin and then up
 Mani canyon on the return. Attempted
 to photograph large ram, took some
 60 yards before he spooked. Saw 3 lambs
 out of 7 do ewes, took some close up
 photos of the lambs $7,0^{\circ}$ very cold
 today, thought it reached 20° . Holly spent
 all day and evening putting sheep data
 on the computer. Have Cricket back on
 antibiotics, her incision still draining... 2nd
 day of shots - 12-14 cc's a day.

Wednesday January 25

Did morning chores & called Haywards to
 check on Internship slide show. Jerry Jeppson
 called to see if we could go up to Cabin Cr. and
 help him with the mule team. We rode Daisy
 & Rocky up to Cabin Cr & spent the day
 working with Jerry & the team on the wagon
 & "harrowing snow" on the airstrip. The mules
 were fairly well behaved, but lathered into
 a sweat from nerves & exertion. I rode
 home with both mules to do evening chores,
 Jim spent the night at Jerry's & visited with
 the hunter & houndsman too. Cricket got a shot.

Thursday, January 26

Horses were spooky today probably from big cougar passing by.

Usual chores. I worked on the computer,
 took care of personal business and made
 a big pot of minestrone soup. Jim got
 home at 4:30 after working with Jerry's
 team. Spent the evening reading National Geographic.
 Jim rode Katy home, Jerry's best riding mule!

Friday, January 27

Jim started on the Internship slide show, while I gathered up paperwork to work on in Moscow, as well as wrote up a list of things to do in Moscow. We invited Jerry Jensen & friend Hunter Rich and his wife Marge to come down for lunch and try to find the big ram. We heated up the minestrone soup & had whole wheat sourdough biscuits & fresh lemon pie too. We looked as far as Obauer for the big ram but never saw him. We did have a nice visit. When we returned home we fed animals, gave Cricket a shot, and fed & watered rabbits.

Jim spent the evening on the slide

show. Jim got bit by Cricket when hand feeding her grain - I tease him about complaining he was "bit by a cricket"

Saturday, January 28

Usual chores. Gave Cricket her last combictic shot. Jim cleaned ashes out of woodstove and hauled grain to feed shed; also fixed gate to feed rabbit pen, which Rocky broke yesterday.

Finished the slide show. I checked to see which tax forms we needed to pick up in Moscow & took care of personal business. Tim ~~Keogh~~ flew Jim from

IDF&G in from Salmon to pick up the bighorn sheep hobbies & blindfolds that we still have not used. They came up for coffee & chocolate chip cookies & we discussed our sheep project and

Jan. 30/60

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the disease problem on the N. Fork Salmon R. Jim said it was "haemolitica", so I studied up on Pasteurellosis haemolitica, PIV-3 and "shipping fever" by reading the Merck Veterinary Manual. Spent the afternoon & evening going thru the IR files & amassing files & a list of contacts to make for our Moscow trip. Wrote up a tentative menu for Maurice's ABC Crew trip in late February & a grocery list for items to purchase in Moscow.

Sunday, Jan. 29

Did usual morning chores. Tried to get lid off waterbox but its frozen shut, still flowing through so left it alone. Continued getting things ready for Moscow trip. Dean came down from Cabin Cr. to visit and help us roll up sheep trap net. Moved fuel barrels to shed (reg. gas) and barrel stand (kerosene). Dean, Holly, & I rolled up sheep trap net on 1st bench. Continued building pile of paperwork for Moscow trip, also prepared a list for Howard & Kathy, and worked on Kerosene refrigerator. Holly put together a file of articles and thesis information to work on in Moscow.

^{Jan. 30 (Howard & Kathy)} We got to Taylor a bit after 1300 hr.

Jim & Holly left w/ Ray A. about 1345 after showing Kathy & I the chores and misc. information. After unpacking, Kathy took nap to recover from flight. We read in afternoon and took a walk to Rush Cr. w/ Golda. Found

mountain lion tracks (?) crossing from other side of Big Creek to the end of the airstrip. Cat followed trail up Rush. Tracks more than 24 hr. old. This is same path a ♀ w/2 kittens took in Feb. of '87 after making deer kill on North side of B.C. Kathy & I returned to feed horses ~1700 hr. Discarded 4 dead baby rabbits from "colony." Spent evening listening to our recorded book.

Tuesday, January 31

Did "usual morning chores." Talked to Tim on phone/radio. He and Holly got to Moscow alright. He gave me pointers on use of stove. Six elk at mouth of Cliff Creek in morning, below 1st bench; eight elk on opening W of 3rd bench in morning. Windy but warmish this morning. We read all day and got lots of odds & ends done. We took a late afternoon walk down around the first bend in Big Creek. Six elk still on slope below first bench, after sitting on first bench for most of midday. Fed the "heads", who were a little nervous after seeing us walk away from the ranch so close to supper time. Light snow falling just before dark.

Wednesday, ~~Tuesday~~^(6:00 AM) February 1st

Doke up to falling snow. Did

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bed book.

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w. Did

normal morning chores. Heads all had
white blankets on. Kathy took
weather and gets a big kick out
of phonin' it in and listening to
all the yammerin'. Six elk bedded
~250m East of first beach. Wrote and
read all day. Left for walk ~4:30 hr
with Golda. We all climbed to the
ridge just before Hobauer to get a bit
of a view. Four elk on S side of
B. Creek ~300m upslope, bedded. No fresh
tracks found; showed most of the way
up and back. Back ~1700. Fed
horses. Temperature dropping fast.
Added note: heard coyotes yippin' close
by last night after went to bed.

Thursday, February 2

Just a bit nippy this morn. (-1°F). Only
50° inside though - not bad. Were both
happy the water is still running. Fed
stock and took weather in a bitter
wind. Ten elk high in the big
talus draw up from the lower
pasture on other side of B.C. Two
ruffed grouse picking buds in the
brush between here and the duplex.
The cat stalked them until a little
reason got to him and he was
able to weigh his chances. Wrote
& read all day - this is great; lots
of catchin' up. Just a forgotten note about
last evening: Great Horned Owl calling
from across B.C. ~2100 hr. Much too

cold and windy for a hike today. This is down-and-mittens weather, not wool-and-gloves weather. Evening chores; gave "heads" a bit extra hay to keep their stoves goin'. Clear sky ~2130 hr.

Friday, February 3 (fingers still frozen!)

Well, I have now experienced the coldest weather of my life. My previous low was -8° in Colorado, 1973. This morning: -10° . Morning chores were loads of fun, especially when the wind held the wind sock straight out for us! Horses (stock) seem to be holding out fine, as are the lago-morphs. The "Triple-T" radioed in that it was -40° there and they were doing some horse and dog moving to keep them warm. Figured out how to get a bit more output from the stove and got the house up to 65° by 10 o'clock this morning. Too cold for a hike again today. Broke ice on the horses' water hole 3 times; it's still not getting much depth though. Evening chores. Wrote and read all day. Two elk on 1st beach ~1715 hr. Clear sky ~2115 hr.

Saturday February 4

Clear and cold. A new cold record for me again: $-21^{\circ}\text{F}.$! Luckily there is no wind this morning.

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weather, not
Evening chores;
hay to
Clear sky

experienced
my life. My
Colorado, 1973.

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~1715 hr.

new cold
-21°F!! Luckily,
morning.

Horses/mules/rabbits all glad to see us
this morning with food. A little extra
for everyone. Water hole still
didn't fill well after chipped ice
out. I picked out another 6 inches
toward the center of the creek
while Kathy scooped the ice out.
Finally, the "dam" broke and we
got plenty of free water in the
hole. Cleaned house and packed
in morning.

Jim & I arrived back at T.R. about 1:00pm.
While in Moscow we did our Student Intern
Slideshow; met with Oz, Ernie, Bill M, Jim F, Frank L.,
Jeff Yeo, Penny Morgan & Steve B.,
Kerry R., Maurice H., ^{Walter Durin} ex-student interns, Gary K.,
Jim & Candy Becker, Mike Schlegel; wrote up flying
^(summary) tabulation from 1988 receipts for UI insurance;
turned in ^{bill} receipts; called Campbell Scientific -
met. station, Clem Pope & Betty Fitzgerald-Payette NF; AT&T ^{stellite phone}
Bob DiGrazia - FNAWS, Telonics - lamb radiocollars,
Microsoft - printer drivers; I worked on my
thesis research in between T.R. appointments;
Statistical consulting, computer services, xeroxing
publications. Jim presented our FNAWS study
plan to an informal wildlife grad student get-
together for critique & suggestions. We talked
to Qiu, the Chinese grad student who will
probably work in here this summer on bighorn
sheep; also talked to Jeff Yeo who is coordinating
Qiu's research proposal/study plan development
- about possible topics to tie into our work
with the sheep. Finalized dates of internship
& who will be in doing research (H & J, Oz,
J. Peek, Morgan & Bunting, Qiu, K. Reese?) next summer

with students. Discussed with Oz: administrative changes, budget reinstatement, monitoring /INEL / site description for USFS, personnel forms, fire payment & gabions \$, time off in April, research plan for paired burn/unburned veg. plots next summer, proposed expenses til end of FY, computer modelling Big Cr sheep populati. from 5 yrs composition data. We also got woodstove door with replaced glass; had Greg H. review the display abstract on his project. We did manage to get a load of laundry done at Howard & Kathy's, but ran out of time for several other T.R. contacts, all UI & personal purchases, and all personal visits & errands - except a call to Mom! Oh well, next trip! ~~too~~

Now we are wallowing in 2 weeks worth of junk mail, USA Today's ^{magazines}, personal & business letters - about 30 pounds worth! Also received several packages - mail order. We started with the 1st class mail then worked backwards. We probably won't catch up on newspapers, old newsweeks & the "good" magazines until our next mail day in 2 weeks.

Everything is in order at the ranch. Cricket is even healing up - no draining - a big scab, less swelling. The cold weather makes it difficult to keep the horse's water hole open. Afternoon chores as usual with extra wood in the stove to heat the place.

Mike Schlegel said sheep count on E side Mid Fk below waterfall: 20 sheep rather than usual 150t. Later

Sunday, February 5, 1989

We ~~were~~ awakened this morning to discover the water line is frozen. It doesn't matter where or how; we know the water is gone til spring now. We hauled out the water buckets, got the metal basins out, turned off the hot water heater, and chopped out a watering hole in Pioneer Cr. I guess we feel lucky the water lasted as long as it did, the transition didn't seem so traumatic this year. I even get to put the furry toilet seat cover on the outhouse seat today! Jim took care of chores today, including chopping out the horses water hole 3 times. This cold air from Alaska is persisting, -12°F at 9pm. The elk have moved into the mahogany bluffs west of Cliff Cr. We finished going through mail, getting bills & letters off. Copied 2 sets of our ^{sheep} proposal for Jeff Yeo & Qiu.

Monday, Feb. 6

Did usual morning chores, a bit more detailed with water hauling now. Wrote some letters and basically found ways to keep busy indoors, not getting much above zero in the heat of the day. Ray flew in shortly afternoon to pick up a package that was miss delivered to us. He stayed for awhile and then flew out with several boxes of garbage, empty propanes and our nearly written mail! I'm nursing a nasty sore throat, cold - complement ~~from~~ the "outer world"

Later recounted with more normal number seen.

Tuesday, Feb. 7th

usual fridged chores this morning. Brought up new pack saddle to the house and got it rigged with new string ropes and a protective canvas quarter-breed. Holly completed mail sorting. Dean rode down from Cabin Cr. in time for a late lunch. Dean & I assessed water box situation - still a good flow through box but appears frozen in first section of steel pipe. Dean stayed for early dinner and then rode back to Cabin Cr ... must have been a very cold ride!

Wednesday, Feb. 8th

We are still under the grip of arctic air. I spent most of the day transferring our address book info. into an alphabetized one. Holly spent the afternoon/evening on the computer once we got the generator going. Went to put on woodstove door in cookhouse but now it won't close after having glass replaced. Will have to make adjustments of some sort. My head cold is still persisting.

Thursday, Feb. 9

Tim's birthday today. Dean came down from Cabin Cr. to share cake with us. Holly made a lentil soup for lunch and lasagne for dinner and we had cake at both meals! Dean and I cleaned out our stove pipe. Heard that Ray would be stopping in tomorrow so we devoted rest of day to mail business. Still breaking a lot of ice at waterholes.

Friday, Feb. 10

After morning chores we resumed working on letters etc. Wrote Oz, Salmon Air taxi, and a prospective intern from Mass. for business mail. Holly worked on the computer; thesis entry. Early afternoon Ray flew in with Pistol Cr. people: Pat, Barbara & Jim. Showed them around the place, visited a couple hours and then they left. Nice to visit with other ranch managers. Ray brought in the mail so we spent the evening going through USA Today's and Newsweeks.

Saturday, Feb. 11

Worked on horses water hole as they were having difficulties getting "lowered down" to drink. Shoed Ben using new aluminum shoes. Holly worked on computer several hours. Jerry Jeppson came down to visit late in the afternoon. Nice warm day today, getting into the upper 30's.

Sunday, Feb. 12

Chores as usual. Straightened up wood pile area. Holly worked on our income tax. Fixed cookhouse woodstove door - tightened door glass and adjusted latch so it would close. Rode Daisey and Cricket downstream below gorge looking for sheep groups. Saw 25 down around corner $\frac{1}{2}$ way to Cougar Cr. on grass slope and talus. also saw a half dozen deer and a deer kill on the ice (coyotes looked likely cause) My nasty head cold still persisting.

Monday, Feb. 13

Replaced window (broken) in cookhouse. Holly took on the solar panel wiring project and spent all day + on it, it works though! She also wired & installed a flour light behind our bed. Having a hard time with the horses water hole as the water level keeps dropping under 8" of ice. Chopped it out thoroughly, complete with approach ramp but most of them still won't use it so will have to resort to bucket filling a basin.

Tuesday, Feb. 14 Valentine's Day

Today Holly and I rode our mules down to the Middle FK. (Waterfall Cr.) counting sheep along the way. We came upon a young Mt. Lion on a deer carcass on the Waterfall tr., it seemed too small to make a kill although the deer had a broken leg of prior cause. Made it home in 2½ hours on our long legged mounts. Talked to Oz this p.m. about Bob Webb's Oct. pay check.

Wednesday, Feb. 15

Spent most the day on business & personal mail. Holly gave the 5 mules hair cuts - nice and warm outside today. Ray came in with the mail just before dark.

Spent the evening going through the incoming mail. Dean said he'd come down + turn C.C. and help us reset the trap, plus he has x-tra salt for bait.

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Thursday, Feb. 16

Chores as usual. Dean came down from Cabin Cr. bringing us a salt block to bait the sheep trap. Holly began attacking the pile of income tax papers. Shot bows after lunch. Visited rest of afternoon - evening.

Friday, Feb. 17

Did morning chores and moved around some properties while Dean could help. Decided not to reset ^{sheep} trap yet as the forecast is for wet snow tonight. Rode (Bent) up to Lobauer Basin with Dean. Saw several elk in the stream bottom eating brush. Saw two small groups of sheep - E Mule Basin and in Lobauer B., one cl. III's run east of mule B. Another activity of today was butchering 3 rabbits. Holly finished Federal income tax.

Saturday, Feb. 18

Had quite a weather change today - snow turning to rain. Holly did state income tax. Cut up the front half of my deer which has been hanging frozen for months. Finally able to chop ice on the steps. Read Jim Park's vegetation write-up from last summer. Talked to Bill Dorris about our strip conditions, he's making plans on which planes to use at the end of the month when Maurice's group comes in. Holly made a pie to take up to Cabin Cr. camp tomorrow.

Feb. 19 Sunday

Rode up to Cabin Cr. to visit Dean and locate & classify sheep along the way. The trails are sure getting icy! Our young mules were a bit "boogery", probably could smell a lot more with the warm air. Saw a bobcat on a freshly dead cow elk at Mule Basin.

Usual winter time chores. Continued making jerky, 36 elk, 25 deer, and 47 sheep seen today.

Feb. 20 Monday

After the morning chores we rode up to Mule Basin to attempt photographing the bobcat on that kill. He was there but too spooky to let us as close as yesterday. Mike Dorris flew in this afternoon to check out the strips - said it was fine for wheels on the 185, probably not safe for the 206. Even the packed portion was 5" deep. Checked the water systems (boxes) and opened lids to promote thawing.

Feb. 21 Tuesday

Did the morning chores and then hiked up to Mule Basin again attempting to photograph the bobcat on the dead elk. While 100 yds. from the elk carcass Goldie & I heard a terrific chorus of cat snarls & growls - must have been a food dispute between 2 onery bobcats! Saw one bobcat slink away and heard two other animals moving in the brush. Holly rode Cricket and me Ben as we rode around lower Rush

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and back the upper trail, we were working
them on various commands. Got water
flowing into the east side water box
after a lot of ice breaking. The box
wouldn't hold water well so we temporarily
sealed it with black plastic. Got Arlows plumbing
ready but water couldn't make it down the
line - darn! Holly read literature for her thesis.
Got into upper 40's today, snows really
starting to get slushy.

Feb. 22 Wednesday

Chores as usual and widened horses/mules
water hole, almost big enough for dual
drinking. The ramp is now good enough so
they'll all use it ^{we} and can now discontinue water
trough for the whimpy!. Spent the morning
working on the burn area survey and the
lab research displays. Holly worked on thesis
matters. We rode up to elk carcass and
caught a glimpse of a bobcat fleeing. Went
up to inspect sheep trap site and was
surprised to see the salt block dissolved
from surrounding moisture - melting snow. Repaired
one bent post by replacing center piece
and stood up another that had been knocked
over. Heavy rain this late afternoon.

Feb 23 Thursday

Holly read literature for thesis. Jim
worked on paired plot burn proposal
for Summer intern sampling with Oz.
Holly hiked up to the elk carcass to try to

get pictures of the bobcat on the elk. After a long quiet stalk, I got 3 pictures of the cat lying next to the elk before it realized I was there! Jim worked on business & personal letters. We checked the airstrip - starting to melt out in the day, but cold nights freeze it up hard. Holly saw a lot of ^{winter} beaver activity near the mouth of Rush Cr. Usual chores.

February 24, Friday

Jim shoed & trimmed Troy's front feet and put boron horseshoe nails in Ben's shoes for added traction. RAY A. flew in with groceries for ABC Film Crew plus mail. Received a surprise letter announcing Oz' resignation from WRC. Called Jim Fazio. Usual chores, airstrip getting worse. Cleaned rabbit pen this morning. Holly worked on literature review in AM.

Saturday, February 25

Shoed Troy's back feet, trimmed Mya's feet all around. Got cookhouse ready for visitors. Baked cookies for visitors. Called Webbs to see if they could come in 2 days. Called Jim Fazio, again. The airstrip has puddles with 3+ inches of water under ice - unlandable. Talked to

Jerry Jeppson on radio about the possibility of using several head of his stock ^{& ours} to transport ABC crew from Cabin Cr to Taylor R. if our strip is not landable. Usual chores; grass growing & showing thru snow now. Sent a letter to Jim Fazio. ↑ Manure rivers around corral - we have to feed far from the haystack or in mangers.

Gary _____, ~~had~~ flew in with helicopter to fill up with gas for IDF & G game counts. He said Gary Powers will be flying for sheep in Big Cr. next week.

10 Elk on or near the 1st bench all day today.

Sunday, Feb. 26

Spent the day getting ready for Maurice's group and the ABC film crew. Got the duplex, lab, bunkhouse & cookhouse ready for use. Holly baked and prepared food ahead. Didn't get as warm today so the strip should be OK for the ski-plane - refroze on the puddles last night.

Monday, Feb. 27 '89

The group started arriving just before noon. First came Kerry Murphy and Jay Tischendorf flown in by Mike D. in the ski plane, they are currently on the Yellowstone project. Then came Maurice and the film crew in subsequent flights. Holly & I stayed in the house (out of the way) as they repeatedly

shot footage of arrival at the ranch, simulating as if work were occurring herenow. Interesting to observe repeated film procedure. All told we had 8 people in. It was good Holly had previously prepared the meals because we were "Kept hopping" from the time they arrived until 8:00 p.m. They did a lot of filming in the Taylor Cabin with lighting props. of Maurice and Kenny & Jay simulating data recording and discussions. Dishes were done at 10:30 - everyone tired by then! Actually the day went very well and the film crew members friendly - the crew was Tim Dutcher the director, assistant dir. Karen, Patty and Take prop specialists and Peter the sound man. Takes a lot of hands to make a documentary. This special on Mountain lions will not be on ABC until Oct. of '90 - sure takes time to produce!

Tuesday, Feb. 28

Got up at 6:00 and got coffee and breakfast going. Mike Morris came in at 8:30. They filmed a little more activity around the plane and then began shuttling gear & people to Cabin Cr. where the 206 was waiting (our strips still in a skis only condition), it took 4 shuttles to get everything ^{& people} out of here. Swept out cabins that were used and cleaned up our place. Put the sheep net back up so the material would dry out. Got some things ready to go out tomorrow.

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Holly typed up Billing for film group and
mailed copy to Jim Fazio.

Weds March 1 - 88

Bob & Wu ARRIVED AT TAYLOR
Rch Vin' Yellow pine - Plane ride
a little rough - Wonder how it was
for Tim & Holly going out. They
Flew up Big Creek turned around
and flew down the creek. Maybe
snow storm or strong head winds - They
had FAIR load of clothes (O.K.) to take
out along with gasoline. Got our
things put away and did chores
feeding water and wood - Got
real windy in evening

Thurs March 2 -

Got the chores done feeding etc
and weather in - Tim called for
phone number from our house -
Burnt big brush pile N of cook house
and picked up lots more stuff
laying around - also went over
below grain & tack shed and got
a lot of brush piled & burnt
sharpened pruners - tiny knife & chain
saw - also took blade & chain off
and washed saw of all dried grease
Saw a day for different kinds of weather

March 3-89

Ned chores - turned weather
 Cut up some kindling and small
 wood - checked on brush fires
 Started generator so we could use
 vacuum sweeper and did general house
 keeping - weather sure changed
 a little on the nippy side this
 AM and cool breeze. Filled up
 Aerofence ^{- was flown} jugs.

I flew back in around noon. Holly
 went ~~back~~ to Fossil to visit her folks
 and then will go to Moscow and interview
 the prospective student interns. We made
 several business calls while out - mostly
 up to Moscow and Jim Fazio. Also
 made plans for sheep collaring in a week.
 Had quite a snow storm in Cascade yesterday
 with 6" new snow. Spent evening putting things away.

March 4, Saturday

Got back into chore routine. FeG
 chopper stopped in for fuel 3 times
 today. Gary (pilot), Mike Scott, and Tony
 (Challis C.O.) came up for cookies and coffee
 near noon. They are basing out of Mormon
 Ranch. Dean P. came down from Cabin Cr.
 and stayed the day and overnight.

March 5, Sunday

Woke up to find horses/mules on hillside up Cliff Cr., marking the first "wanderings" of the season. They must have found a belly full 'cause they only ate half their hay! Dean and I shot bows and solved world problems. Holly called from Fossil so I gave her list of reminders. Went up to Mule Basin with Dean as he headed home. Not much left of the elk carcass. Saw close to 45 sheep on benches today. Visited with Mike Schlegel, who's in at Whitewater R. on elk counts and also with Tony at Running Cr., who finally has a functioning radio. Rained this afternoon - evening.

March 6, Monday

Had a heavy rain falling this a.m., did chores. Read $\frac{1}{2}$ of Maurice Hornocker's dissertation on lion predation - I'll reduce it to an abstract of major findings for lab display. Turned nice after lunch so I saddled Ben and rode down to Cougar Cr. looking for sheep groups for upcoming darting. Saw 2 ewes on W. side Cougar Cr. mouth, also 24 sheep on 2nd bench - 3 lambs the rest ewes. Checked airstrip - very sloppy! might not be usable now. I'll put in some drain ditches tomorrow. Talked to Holly in Moscow. She had completed 4 of 7 interviews of prospective interns today.

March 7, Tuesday

Did usual chores and then assessed the "airstrip swamp." The entire lower 3/4 of the strip has standing water underneath ice. Attempted putting in a drain ditch but the ground is particularly frozen on the stream side of the strip. Completed reading M.H.'s dissertation and worked on summary. Pruned the two fruit trees in our yard. Fussed around with both waterlines without much success, however did get some water to drain out of orchard bleed-out. Saw 38 sheep on / above benches today. Of 29 on 1st bench, 3 more lambs, 1 cl. II ram, and 26 ewes.

March 8, Wednesday

Got up before day break anticipating a trip to Cabin Cr. to pick up Holly. Was surprised to find the strip in usable condition, got down to 28° last night, and the horses/mules on the 1st bench! As it turned out the plane was weathered in (out) at Cascade. Completed summary of M.H.'s dissertation and put together slides to be made into print enlargements for lab displays. My mule Daisy acting funny - picky eating and generally lethargic - keeping an eye on her. Made list of spring jobs. Wrote several letters in the evening. Holly went up to McCall today, taking care of business with the F.E.G. and F.S.

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March 9, Thursday

Spent the morning reading the Hartung Thesis - A History of Big Cr. Ray flew in with Holly around noon. Discussed internship applicants and put things away from ranch and personal shopping. Noticed that Daisy had been kicked in the teeth - assume by shod horse. She's basically missing the majority of one permanent tooth with a lot of surrounding gum damage. We put her on 12cc of combiotic and gave her a bute tablet.

March 10, Friday

Worked on a letter of recommendation for Sarah Topp, past T.R. intern, who's applying for seasonal ecologist with The Nature Conservancy. Printed out recommend. letter on computer printer. Dean rode down from Cabin Cr. with 3 mules that needed help to be shod. Holly made fane, cheese & crab quiche. Helped Dean shoe the 3 mules, they weren't as bad as we feared.. tied up their hind feet. Talked to Mike Schlegel who's at Whitewater Ranch on elk counts. They'll move the operation to here on Sunday. Bute & combiotic for Daisy. Usual chores.

March 11, Saturday Bute & combiotic for Daisy.

Woke up to our horses/males on the 2nd b. Of course they were back for breakfast! Dean, Holly, & I got the steep trap back in working order and baited it with apple mash and cubes, 12 sheep watched us at pt. blank. Repaired upper segment of 1st gate fence line ^{across Big Cr from cookhouse} ~~except~~ a few straight birch poles to replace span. Had early dinner before Dean left. Cleaned house before group comes.

March 12, Sunday

Mike & Pat Dorris came in early with supplies for game count crew. They made another gear run mid-morning and then brought people over in a 3rd flight. Duane Gage, and Janet De Vlieg were flown in w/ Dorris. The chopper piloted by Jim Pope came in with Mike Schlegel and Jeff Ralman around noon, to refuel and get organized to base elk sightability counts from here. Jim Pope Jr. flew in with Janet's 206. This the head mechanic. ~~Butte~~ & combiotic for Daisy.

March 13, Monday

The chopper crew got an early start. They had to quit flying shortly after noon due to high winds, rain & snow. Jim Pope Jr. and Janet attempted flying the 206 back to Lewiston but had to put down at the Flying B due to weather. Jim P. Sr. went over to the "B" and brought them back here, via chopper. Holly fixed dinner for the crew. Quite a snow storm set in this afternoon. No planes in from Cascade or McCall due to weather. Last combiotic shot for Daisy - gums look good.

Tuesday March 14

^{186G}
Ray Guse, Bill Rybanchick, and Carl Anderson flew in with Arnolds from McCall. Sturat Markow & Mike Dunbar, veterinarian, flew in from Cascade. Janet & Jim Jr. flew back to Lewiston. Jeff & Bill flew elk/sheep helicopter counts with Jim P. while Mike, Mike, Jim, Ray, Carl & I hiked above the berches to dart, collar, & take samples of ewes. The ~~dart~~ gun did not perform properly - did charge-

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so we missed a shot & didn't get another opportunity. Had dinner with Ray & Stuart.
Usual chores. ~10 sheep above 3B.

Wednesday, March 15

Jeff, Bill, Carl, & JimP flew game counts while Mike, Mike, Jim, Ray, Stuart & I went above the benches to dart sheep. We had an extremely successful day - radiated 4 sheep from different herds above the benches. We returned from # to the ranch exhausted, but with enough energy to celebrate with champagne and fresh chocolate cake. Usual chores squeezed in.

Thursday March 16

RayG flew out with Arnold. Jeff, Bill, Carl, & JimP finished the BigCr visibility counts on elk & sheep. They counted 1460 elk with 27:100 calf:cow ratios and 13:100 bull:cow ratios. They saw 200 sheep with ~ 12:100 lamb:ewe and ram:ewe ^{ratio} counts. Also 6 goats (1 kid) in lower BigCr, and 3 moose, and 1 cougar. Mike, Mike, Jim, & Holly hiked up into Mule Basin to radio collar. Worked 1 sheep right away, then spent several hours approaching a herd the helicopter "herded" toward us. Mike S. got within 5 yards of a ram, but the herd turned out to be 9 rams and 2 lambs! So we didn't dart one. After returning to Taylor we rode to Cougar Cr looking for more sheep, but didn't find any. Everyone got together for dinner at the cookhouse. Stuart worked on Maurice's abstract & typed it on the computer.

Friday, March 17

Several flights this morning to move out the Fish & Game crew and Mike Dunbar. Everyone was cleared out by noon. Stuart put the Hornocker dissertation on the computer and we did further edits on it. Usual chores and still can't get running water in any of 3 lines.

Saturday, March 18

Ray flew in late morning with friend Bill Alexander. They had to pick their way through snow squalls to get here. Stuart flew back out with Ray. After Bill got situated we went up on the benches to locate (visually) some radio-collared ewes. Saw none but got strong signal on 2. Windy and snow flying some came home.

Sunday, March 19

Did usual morning chores and then saddled up 3 mules and rode to Goat Basin. Surprised to see that Goat Cr. was barely flowing down low and not at all up into the basin, wonder if the low flow is fire or drought related or both? Poked around in lower Cougar Cr. where signal from ewe #4 was strong, saw a dozen ewes but not her. Another squally spring day.

Monday, March 20

Bill, Holly, & I hiked up towards Rush Pt. lookout. Located ewe #5 in Lobauer Basin with several other sheep. Beautiful day for a hike. Also saw surprising number of deer (± 80) and numerous small flocks of chukars. Got back late afternoon. Dean came down from Cabin Cr. and we made (had) fried perch and H. made sourdough cinnamon rolls. Checked water lines.

Tuesday, March 21

Did chores and visited this am. Bill and Holly hiked/rode down to the Middle Flk., they took Daisy and Cricket. Saw 2 groups of dartable sheep in lower Big Cr. Dean and I stayed at T.R. He left at 3:00 and I worked on write ups and making chili dinner. H. & Bill returned just before dark. Several herds of deer and sheep on benches, plus close to 30 elk.

Wednesday, March 22

Spent morning finalizing Hornocker abstract, phes sent him letter and draft copy to review. Holly spent afternoon/evening working on Stillinger grant to finish herbarium collection. Bill and I hiked to top of ridge up Cliff Cr. trail. Saw 3 of the collared sheep (#3, 4, 5a) up close, and also saw a forth (#1) from the ranch today. Got good photos of #4, the one we were most concerned with after darting. Holly baked goodies (pie & crisp) while we were hiking. Still 2 $\frac{1}{2}$ ' snow banks on top of ridge.

Thursday March 23

Today we experienced more mild spring weather - a few snow showers in AM with temperature into the 50s later in the day. We checked water lines again to see if any of the 3 had thawed out yet - surprisingly none had yet. Holly worked on Stillinger grant writeup in afternoon; Jim sent out letters and a photo to Maurice of Toby & Topper mowing hay. Ray Arnold picked up Bill Alexander today & dropped off 6 propane tanks. He also brought mail & hauled out 3 empty chopper fuel barrels. We received 8"x12" photos for the lab research displays, in the mail today. Horses are off their grain now & just hay twice daily. Pasture is slowly greening up; Lady's the only one with ticks so far. Usual chores - horses, weather, radio, wood & water.

Friday March 24

Horses/mules up on the benches this morning, came home for late breakfast. Filled out 3 FS recommendation forms for Deb Wilkins. Wrote a letter of recommendation for Lewis Wardle.

Prepared other mail to go out. Did a drying rack load of laundry, by hand of course! Fixed 5 breaks in cookhouse waterline, asked Ray to get us 250' of new 1 $\frac{1}{4}$ " line - that line is shot. Ray flew in at 5:30 pm with groceries, etc.

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He had to go into cabin cr. with Bob Gillihan.
Ray flew out 4 empty, F&G barrels.

Saturday March 25

Brought the horses/mules back over from the lower pasture. Closed bridge gate and opened gate up Rush Cr., so if they feel like wandering they do it up Rush Cr. Holly spent the afternoon and evening on the Stillinger Grant application - for # to complete herbarium (plant) collection. I wrote a few letters, did some house clean up and shot my bow a lot. ± 40 sheep between 15' and 35' benches. Talked to Mike Dunbar today, he wanted to confirm plans for more sheep work Monday and Tuesday. Messed around with cookhouse waterline, now water won't even go into the 15'-50' of line - might have to attack the box connection which is under rocks.

Sunday March 26, Easter

Chores as usual. Holly worked on Stillinger abstract. Bob Gillihan came down from Cabin Cr. He had lunch with us and then we rode upstream to Brown's Basin with him. Saw a herd of 7 rams this side of Mule Basin, all cl. III's, they were standing in the stream. Turned irrigation to orchard on to help promote thawing of our line. Worked on Stillinger in evening.

Monday March 27

When I took the weather this morning the faucet was on in the lab yard - yippee! Checked over plumbing in Arrows, then started the water heater. Dug up cookhouse waterline where it was covered with rocks, found a kink in the line

right at boxed, repaired that and another break besides cleaning out box itself. Got good flow to point where it enters ground but nothing to building yet. Re-adjusted solar panels so angle to sun is better. Swept branches and pine needles from roof of duplex.

Holly spent day finalizing Stillinger grant application. Found out that Mike S. & Mike D. can't come in until Thursday, so will put off further sheep work until then. Holly read the Hartung thesis on history of Big Creek this evening.

Tuesday, March 28, 1989

Today was a rainy, stormy day perfect for catching up on indoor paperwork. Holly Spent this morning writing a letter to Jim Fazio about the Stillinger grant application, and filed away business correspondence & notes from TR. projects. Spent the afternoon transcribing animal sitings reports into the new 1989 animal sitings book.

Jim spent the day typing up his 10 page plus PBS membership application. The computer (battery connection) died on him early in his work, so he ran the generator while computing. The horses are wandering up Rush Cr at night, but return to the orchard gate in the morning to be fed (twice daily).

Jim "tested out" Arlow's shower this morning - worked great! Horses & chores. We suspect our waterlines have airlocks preventing flow rather than icelocks. - too rainy to haul the generator

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+ shop vacuum up to the waterbox to test today, maybe tomorrow.

*

Wednesday, March 29, 1989

Jim wrote a letter to Jim Fazio about the meteorological/atmospheric monitoring station. We wrote up a site description for the station, a description of the equipment & how it would be set up. This is for permission from/cooperative project with the Payette National Forest. Jim measured the distance from TR property to the proposed site on the sagebrush flat at the mouth of Rush Cr; he then ~~wrote~~ made a map of the site & its relation to Taylor Rch. I wrote up the monthly weather summary. Checked the waterbox, fed stock, usual chores.

Thursday, March 30

Mike Schlegel & Mike Dunbar flew in from McCall to help on the sheep trapping. We radioed 2 sheep in Cliff Cr and 1 in Mule Basin; also had a sheep die due to a fluke hit thru the hip & into aorta & it bled to death. Mike D. did a necropsy on the ewe and collected tissue samples. Bob Gillihan came down from Cabin Cr. & watched 2 radio collarings. He spent the night.

Friday, March 31

We rode downstream below Snake Cr. looking for sheep. Only saw one group near Snake Cr in the bluffs. We stalked them, but they moved into terrain that was too steep for darting. Had lunch at Snake Cr, looked at the pictographs and found a large, old ram skull. In the Gorge we scared ^{accidentally} an otter off a live 32" steelhead it had caught and wrestled into a shallow spot. The otter swam around watching us as we photographed the steelhead. I remained to take pictures of the otter with steelhead, but it didn't return. Ray Arnold flew Hanley Jenkins, our friend in late afternoon. The plane arrived just before we returned to the ranch, so the veterinary samples didn't get out to the lab. Usual chores squeezed in.

Saturday, April 1

After morning chores we rode up to Brown's Basin looking for sheep. We hiked up the basin to one group that spooked into the bluffs, undarable. A single ewe climbed to the top of Brown Jim hiked down to meet Bob G. & take the horses to the Cabin Cr side while Mike, Mike, Hanley, & I pursued the ewe & looked for other sheep. Mike S darted the ewe, but the tip broke off, & she wasn't injected. Never found any other sheep

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in that area - lots of deer & some elk, too. Bob G. came to TR for a shower, visit, & overnite. Old rabbit had a litter today - moved her & babies into a separate box.

Sunday, April 12

Woke up to a snow storm! It cleared here by mid-morning but not in McCall. Hanley, Holly, and I shod Daisy, Cricket, and front of Ben. Played crib while waiting for plane. Bob G., Dorris was finally, able to get in late afternoon to take out Mike D. & Mike S., hopefully, the sheep samples will still be fresh enough. Bob G., Hanley, Holly, and I played crib all evening. Holly worked on our waterline - tried to blow into inlet pipe & pour water into it - no success. Usual chores

Monday, April 3

Jim & Hanley hiked into the burn from Cliff Cr into Cougar Cr. They saw an otter 1 mile up Cougar Cr. in the stream. Also saw old & burned bones in the bottom of Cougar. Holly cleaned the house and did laundry at Arlows. Usual chores. Saw 23 sheep on 1st bench, including #1, #3, #11 collared ewes. Water came on in cookhouse line; no water in our line. Sent letter & receipts to Lynne Kittner (phone bill, salt blocks etc.)

Tuesday, April 4

Spent 4 hours taking down the sheep net trap on the 1st bench and packing it back to the airstrip on Rocky, Top, and Topper. Holly wrote to AVM Instruments

to order a part for a radio telemetry receiver. Jim and Hanley rolled up the corrugated drain pipe by the fuel shed and moved it behind the shop. Moved the snow roller to the tack shed and cleaned up around the fuel shed. Removed dead baby rabbits from rabbit pen - will butcher the rest of the rabbits soon, since the older female will not care for her young. Usual chores. Changed our vacation plans to Apr 8-20, ^{caused Jim Faris} since the Wyoming visit was delayed; Called Bob & Vi to OK the change & checked on our car - it's fixed. Horses still fed twice daily. Put away laundry. Jim checked waterbox & line; no change.

Wednesday April 5

Reconnected plumbing in Cookhouse and Lab and turned the water on to both. No leaks! Amazing. Cleared the antifreeze out of water lines, but did not start hot water heaters. Reopened orchard valve - a little air pressure, but no water in waterline. Jim wrote up a progress report on our sheep project to send to FNAWS. Sent reimbursable receipts to Lynne Kittner. Usual chores. Visited with John Reed when he brought mail in; Hanley flew out.

Thursday, April 6

Holly typed up & edited the FNAWS progress report on the computer. We rode Cricket & Daisy to Cabin Cr to visit Bob G. and see Fred.

Telemetry
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FNAWS progress
the Cricket & Daisy
& see Fred —

who just flew in for 2 weeks of horn hunting
out of CabinCr. We saw the usual group of
rams at Mule Basin; the bighorn sheep we
missed seeing ~~near~~ earlier this week near CabinCr;
several groups of elk (> \$0 total) and deer.
The deer are spending time at the corral
salt block - 21 this morning. We have
had 2 warm days, 60°+. Still no water.
I updated the animal sightings book; Jim
wrote up a job list for Bob & Vi.

Friday April 17

Usual chores and returned calls on radio etc.
Spent all day between getting business mail
ready (Primarily Sheep Foundation progress report into
final form), and attempting to clear water line.
Ran a siphon into intake - upright pipe with
two segments of garden hose. Also filled box by
plugging outlet in attempts to increase pressure -
no luck. Left siphon hose going. Sent letters to
3 prospective interns. Holly butchered rest of
rabbits (4) and started pen cleaning before it
got dark. Well into night getting ready to go
tomorrow... packing, house cleaning etc.

Sat April 18

Around at Taylor Ranch about 8:45
A.M. Unloaded plane and everybody
helped pack our things up the
hill to Taylor Cabin. Ray stayed

Cont'd

AND WE ALL HAD COFFEE & COOKIES
 Tim & Holly FINISHED TAKING THINGS
 DOWN TO PLANE AND LEFT AROUND
 9:30-9:45 AM - WE GOT ORGANIZED
 PUTTING OUR GROCERIES ETC AWAY
 WE LIKED UP PIGEON QUITE AWAY
 AND GOT THREE DEAD POSTS FOR
 SIGN HAD TO MAKE TWO TRIPS
 IN ORDER TO GET TOOLS & POSTS DOWN
 TO SHOP. FOUND DEAD TIMBER IN
 CREEK BOTTOM GOOD POSTS.
 WENT ACROSS CREEK TO SEE WHAT
 WAS NEEDED TO CLEAR DITCH OVER
 THERE AND ALSO ASSESSED OTHER
 JOBS TO BE DONE - LOTS OF ELK
 SHEEP & DEER ON AND BELOW 1ST
 BENCH - LOTS OF DEER WERE AT OVERALL
 AND AROUND ORBURN IN EVENING.

April 9

ANOTHER BEAUTIFUL DAY DID
 MORNING chores FEEDING HORSES AND
 WEATHER. NO HORSES IN THE EVENING
 THEY HAD LEFT BEFORE TIME TO
 FEED. GILLHAM WENT BY WITH
 ANOTHER RIDER AND PACK STRUNG
 AT 1:30. WE WORKED ON GETTING
 UP SIGN PEELING POSTS AND ~~MOT~~
 NOTCHING FOR SIGN PUT PENTA ON
 POST FOR THE PART OF POST IN THE
 GROUND & OILED THE UPPERS
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Also worked on bank above the
Fuel shed - EIK on the 3rd Bench
in evening Few deer at Split Lick
across the creek And only eight
head in Meadow by the house in
evening . . .

April 10

Finished clearing off bank
back of fuel shed and burnt
brush as we went along so as
not too have too big a fire
There is water seeping out of the
bank just west and up a little
from stump in bank. Went down
and burnt two large piles of
brush that was out in opening
a little - wind came up and was
scared to light the others as they
are piled too close to kill - Didn't
want to take any chances. Raked
and pruned rest of day in the
yard - Horses didn't come back till
after eleven o'clock

APRIL 11

Worked in orchard pruning
fruit trees and cleaning
up all the branches from
pruning - piled all the trash

Above the fence - Did some more raking around back of house - washed the front windows in cabin changed the oil in Rototiller and Generator and washed the shower in lab since needed it - have only been feeding horses and mule's once a day as there either late coming in or take off before show time in evening Another nice day And still no water in house

April 12

~~Water~~
Water
in
Bldg. House

Guess what when we came in for lunch the toilet bowl was filling with water - we had water yes and no - shut valve off in orchard went down to the creek to shut that valve when I did I got a darn good cold shower - As the pipe across the creek had several holes in it from shovel marks had to use some of new pipe by tool house to repair (light size) after getting repairs made every thing ok and got hot water

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Novel MARKS
to new pipe
(right size)
as made
Hot water

Hector going - Burnt more brush
down along airstrip in AM - Thats
all we will burn without some
moisture. Packed up bedding from
Cook house and piled on line ^{MATTRESS COVERS} ~~sheets~~
are AWFUL dirty - cleaned on cook
house lots of dirt - washed windows
got started taking posts out under
railing on porch.

April 13

Finished getting posts under
railing on front porch - worked
on ditch coming from spring to
the orchard - Brought down hoses
that were laying in the creek
~~top~~ above spring box & put cover
back over box - wiped off all the
inside logs in living room & bedroom
in Taylor cabin - Burnt more brush
over by duplex - lots of game around

April 14

Cleaned at Atkins cabin
AWFUL dirty - put water into
Duplex - Ray stopped about 11:00
AM with Ed Buttons & friends
They left some groceries we put
10\$ bill in for them - will be
done here Monday.

cont'd

Filled Refor with Kero and got
two more jugs full - Messed
with generator but no luck
getting started - Spoke to men
Double Trees and single tree
down to spring tooth harrow -
Cleaned up my mess in shop
Fast feeding horses once a day
Never no when they will be here

April 15

Cut Generator started went
to Arrows and hauled washing
Machine over in small cart
to Taylor cabin and washed
clothes in it. Also washed windows
in kitchen bathroom & bedroom
Did some more raking around Duplex

April 16

Horses got into yard by the
West end of Taylor cabin night
before (Sat) - so cut a couple birch
poles and put up hoping to stop
them - Started generator vacuumed
all of Taylor cabin washed
the toilets showers and sinks
in Duplex and mopped & swept
floors - Started water heater in
Duplex and shut the one in Arrows
OFF

Contd

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ed. SINKS
+ swept
kitchen in
in ARLOUS

Showers in West end doesn't drain
Very good - DRAIN too high - will try
too Fix Monday

April 17 Ed Bottoms and Gary Dupeland
Backpacked from cabin cr. to here today
Got here just at 6:30 - Said there
were several people at cabin cr over
the weekend. They will be on the trail
for 16 days. Washed windows in
Duplex Raked + burnt leaves and
trash from shop ARLOUS etc - Have
everything at Springforth HARRON for
Hookup Didn't know for sure which way
you wanted the hookup (ever) - Shoveled
out rabbit pen - Check water box - Unshoveled
window sills living room + kitchen and
DAVE LEWIS Rocker

April 18

Worked on ditch to lower pasture
getting the water down lots
of trash & rock to clean out
of ditch - Easy to get water out
of cliff cr. as the water is
really rolling so is big creek
WARM days making the snow melt
FAST. Did more raking & burning
around the place - lots of animals
around Ed & Gary left about 2:00 PM

Wednesday, April 19th

Bob & Vi worked today at Taylor. We decided to fly in a day early from our vacation. Didn't get in till 6:30 pm. Since the wind was gusty earlier at the ranch. Bob & Vi surprised us with the new Taylor Ranch sign Bob made and put up. They also helped us get caught up on spring cleaning! We fed horses & spent the evening unpacking & putting away.

I tried to call Rusty Munn about scheduling his trip to TR. to install the meteorological station. Jim called Doc & arranged for him to fly in this Friday. I talked to Jim Fazio about sheep proj. budget & any news; called Linda C. about Bob's pay & to get a copy of the sheep proj. budget.

We saw sheep & elk on the benches this evening and had to buzz 40 deer twice on the airstrip, before we could land.

Thursday April 20

Talked to Rusty Munn about the met. station. Fly wiped the horses - they really needed it! Also wormed and gave 4-way shot & Potomac Fever shots to each horse & mule. Brushed winter coats off horses and combed or trimmed manes & tails. Jim replaced a missing shoe on Crickets front foot. Turned sprinkler on in yards and checked Cliff Cr irrigation ditch and gabions with this ~~high~~ water. Continued putting gear away. Wrote a few letters.

Friday April 21

Wrote letters to interns about preparations for summer. Sent Jim Fazio copies of both intern letters sent this spring; sent a copy of both to Qui, the Chinese student also. Sent in Bob Webb's pay.

We spent the morning getting the harrow ready for use - tightening & replacing bolts on seat & harrow teeth; attaching a log as a drag behind the harrow. Holly harrowed ^{main} pasture in the afternoon using Rocky & Top, then we put the triple tree on the harrow & worked Rocky, Daisy, and Top. Jim opened the irrigation ditch into the lower pasture, clearing out brush. He also set up the cross buck fence which the elk had knocked over. ~~Opened~~ Started the irrigation to the main pasture & airstrip. Kept the horses in the corral then put 2 in the orchard & the rest above the orchard.

Ran sprinklers in the yard. Checked the gabions for effects of higher water - no problem. Our water went off this evening. Jim checked the waterbox - the inlet was plugged and waterbox empty; he bled out air in both bleed outs to get a good flow. There is a lot of debris in the water (plumbing), but at least we have running water.

Today was a great day to be outside, sunny & in the 70°'s! The pasture is really greening up.

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Saturday April 22

Used the threesome of mules to harrow the lower flat - main pasture. In the afternoon we used 3 mules and the ditcher plow to clear and extend main pasture ditches. Hard to drive the three accurately while hauling ditcher but sure beats a shovel! Put rest of stock behind orchard and kept mules in corral.

Sunday April 23

Spent all day hauling sod from ditches to sandy pockets on side of airstrip using stoneboat and mules. Hauled 8½ stoneboat loads. Turned water into new ditches - good flow down to lower flat. Had a dozen elk in main pasture this evening

Monday April 24

Spent the morning on improving airstrip and lower pasture irrigation ditches. Took the afternoon off. Also wrote letter to Qiu, who was planning sheep nutrition study for the summer - sent him intern equipment list etc. Rained late afternoon. Packstring went by at 6:30 pm enroute to Cabin Cr. - J. Jeppson's crew, 30 elk on airstrip and main pasture.

Tuesday April 25

Caught the mules (3) who had escaped to the lower pasture. Harrowed airstrip and upper-main pasture. Holly extended irrigations on airstrip and main pasture. 30 elk out in main pasture again this evening. Worked on business and personal letters

Wednesday April 28

Worked on irrigation system some more. I wrote up abstract on Hartung thesis for lab display. Holly cleaned needles out of toilet plumbing so it flushes. Rode up to Lobar B. to get radio locations ^(pine) saw steelhead & Mule Basin all our sheep, which we did. Got message from Mike S. & Mike D. that they felt it was too close to lambing to do any more drugging - collaring. This we were aware of... frustrating we couldn't get all the collars out by now - oh well, we'll make do with what we have done.

Thursday April 27

Cleared leaves from lower pasture west side ditch - until heavy rain hit. Put Hartung thesis on computer, edited it, printed several copies and sent one to J. Fazio to review. Holly did several loads of laundry today. Mucked out water box (ours) and made a new screen to fit over intake pipe. Rained hard off & on through out day. Checked Rush Cr & Cliff Cr. by radio for sheep - none migrating yet, but saw 12 rams & 30 elk at mouth of Rush Cr.

Friday April 28

Changed irrigations. Horses have migrated to lower pasture, Doc Johnson came in for the weekend - flew in with Ray Arnold, plus Carol, and Kelly. Everyone visited for a few hours.

We took Doc to Rush Cr to get ram photos, but couldn't find rams, so we rode to Lobauer & still didn't find rams. Had a good dinner of roast + veggies + salad + fresh strawberries + ice cream - many of the goodies from Doc.

Saturday, April 29

Jim & Doc rode Daisy & ^{Troy} Ben up Cliff Cr to look at the ~~\$~~ burn - spent the day up there. I worked on personal business & on the computer. Cricket & Ben followed Jim on the Cliff Cr trip; Ben got "lost" on the way home, finally made his way down the trail several hours after Jim gave up the search. Cricket had been fooling around on a steep slope, bucking & jumping, then tripped & slid down the talus giving herself a few cuts & bruises. Jerry ~~Je~~ son & a hunter stopped by to visit ~1 hour; they were riding his new mule team, which had run away with the wagon yesterday and wrecked. The mules look calm and gentle - maybe adjusting to new equipment and teamster. We looked for the rams again up Rush Cr - no luck. Usual chores, irrigation changes.

Sunday, April 30

We all went up the Big Cr trail and cut 9 fencepoles for the lower pasture. We harnessed Rocky, Top, & Topper and skid the poles to the lower pasture, for fencing. Brought the whole horse/mule herd to the corral for fly wipe & salt then put them in the cougar pasture. Doc flew out mid afternoon. Changed irrigations, shut off water to airstrip. Checked waterbox to increase water pressure. Water asparagus first day to bring the lawn chairs out for a picnic in the yard. Deer in pasture & on airstrip; sheep above 3rd bench.

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Monday May 1

Holly and I rode Daisy and Troy up to Cabin Cr. to bring Jerry Jeppson a running W to borrow, we also took radio tracking gear. Before leaving tack shed a herd of 11 sheep (no lambs) forded Big Cr., walked through the main pasture by duplex & lab and then headed up E. Pioneer Rdg. Cricket acting a bit colic-like so we left her behind. Once at Jerry's camp we harnessed up his team, attached the W, and attempted hooking them to the wagon... which they had run away with. Finally got them hooked to it and had a few exciting rounds, and some W uses, before they were calm enough to take to the airstrip and back. Sure made us appreciate Rock & Top! Saw one rattlesnake near Cabin Cr. flat on ride up. Got rained on coming home - back at 9:30 pm after leaving a bit after 8:00.

Tuesday May 2

Changed irrigations, moved stock from Cougar Pen pasture to behind orchard. Worked on lower pasture fence, skinning the 9 poles and made 3 crossbucks from fir tree alongside L. pasture fence on property. Quit at 3:30, began raining hard. Wrote letters into evening... a lot of rain this p.m. Weeded perennial garden. Wrote up the monthly weather report.

Wednesday, May 3

Got some mail ready to go this am. Emptied out gas barrel so Ray could haul out ... ended up being over 10 gal. left so filled all the spare cans. Tried repairing brass keeper on mule harness with epoxy. Usual irrigation changes... cut flow from strip for mail plane. Ray came in ± 2:00 pm. Harnessed Topper and skidded 3 cross-bucks over to fence building site. Went around to sagebrush flat radio-tracking, could hear signals from 7 of 9 ewes. Found out today that we got another \$4,000 grant from FNAWS to continue ewe-lamb study.

Thursday, May 4

Spent all day on lower pasture fence. Expanded wood rail part 4 segments and repaired where elk had tumbled it. Put wire fencing back up too. Rick from Cabin Cr. camp came down and ended up helping. He stayed until shortly after dinner. Holly also overhauled n. p. irrigation. The stock had snuck onto airstrip so we brought them back over to L.P., put 5' in and kept 4 outside fence. Holly radio tracked in lower Rush Cr. again this evening. Saw a backpacker & dog go by twice today, he did not stop by. Mowed our yard - it needed it! Cherry & pear trees blooming, 1st daffodil and grape hyacinths too. Watered lawn & gardens.

Friday May 5

Jim flew out at 3:30 AM with Bob Plummer to Challis, where Jerry I will pick him up & they will go to Caldwell to the Draft Horse Auction. I radiotracked & looked for sheep in the AM from the house, then hiked up to the observation point on West Pioneer Ridge to get better signals. I located the ram herd on Rush Cr, plus 2 ewes on Rush & several groups up Cliff Cr, 2 sheep still out of signal range. Rototilled 2 gardens at our house. Changed irrigation, plus opened up the ditch to the upper pasture lab and let the lowest debris drain back to Pioneer Cr. Flew the pasture morning & evening.

Saturday, May 6

Jim at the auction. I had visitors this morning - Tim & Joy Recough who had been managers of the Flying B. flew in with Tim's kids to visit & see if I could meet. We had a nice visit & talked about using Tim's cub for some of our sheep ^{aerial} radio tracking. I radio tracked from the ranch & since the signals were not very different from yesterday, I didn't check Rush Cr. Changed the irrigation and dug out/cleaned out part of upper ditch, starting the flow into the pasture by the weather station. Cricket & Rocky had jumped (I assume) out of the lower pasture and today I found 6 horses & mules feeding in the lab yard. Moved the horses to the corral for tonight. Caught up on my reading - newspapers & magazines.

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Sunday, May 7

I terraced & planted peas & onions (that I saved from the garden before rotilling). Swept, mopped & vacuumed the house. Changed irrigations and repaired Cliff Cr ditch which had over-flowed, also diverted water to Cliff Ditch. Fly wiped the wandering horsehounds and released them from the corral to return to the lower pasture. Saddled Daisy & took Cricket along too — we went up to the viewpoint on Cliff Cr ridge by the fireburn & radio tracked. Several signals came in strong from the lambing cliff and/or west cliffs of Horsemt., but I didn't locate any sheep visually. Did laundry in the evening — of course it started raining immediately! I had a scare when I discovered the gas can was dripping fuel near the exhaust pipe of the generator, while I was doing laundry with the generator on.

Monday, May 8

Did some spring cleaning — reorganized drawers & closet, moving winter clothes to the attic & summer clothes downstairs. Put away solar shower & other winter items — buckets, silk flowers, etc. Found parts to repair propane line to Duplex, but couldn't find copper tubing cutter, so will wait for Jim's return. Radio tracked sheep and wrote up sheep notes, observed sheep thru spotting scope across from TR.

Changed irrigations & dug out upper ditch, Checked Cliff Cr ditch for overflow, but is OK now. Big Cr is up - on the gravel bar and over the gabions; airstrip irrigation is not soaking in, but pooling at the base of the hill and running back into Big Cr. I shut off the ~~Cliff Cr~~ Airstrip ditch to allow the strip to dry for tomorrow's flight. Jim is in McCall today. He met with USFS Ranger Earl Kimball & Clem Pope about the atmospheric monitoring station site, student internship program, the cabin moving from Cabin Cr to Taylor Ranch, and the August FS-UI wilderness trip. Jim also talked to Jim Fazio & Maurice H each twice by phone. He met with Mike Schlegel about the sheep study & made arrangements to use IDF&G tracking equipment for aerial tracking. On Saturday Jim went to a Draft Horse auction and bought a set of harnesses & collars for ^{own} 2 mules. This evening he went to Baker & bought a 4x4 pickup.

Tuesday, May 9

Worked around the house this morning while waiting to hear about Jim's flight. Replaced burner nose and mantle on propane kitchen light to try to stop the light from producing a soot buildup. Mowed Taylor yard - 2nd time already this year. Ate a few asparagus from the garden & cut tulips for the house. Wrote letters to

Ernie Ables about tuition, Penny & Steve Bunting about scheduling their research this summer at T.R., and a thank you to Linda & Mike Merigliano. Jim flew in with RAYA about 2pm. Radio tracked from T.R. and looked for sheep up Cliff Cr - saw 4 ewes on the lambing cliffs and 7 sheep above the East Knob. Trimmed grass around flower beds & weeded. Changed irrigations and checked the airstrip in AM. BigCr flow is the same as yesterday, we'll keep the airstrip irrigation off til lower water. Jim made some HI purchases this AM. We put away gear and read letters in the evening. Made an angel food cake.

Wednesday, May 10

Changed irrigations and temporarily shut off ditch near lab, since ^{the upper pasture} it was already well watered. Worked on lower pasture irrigation, digging out gravel from west ditch to increase flow further down the line & prevent flooding.

Brought the horses & mules from lower pasture to corral. Brushed & fly wiped animals. Horses almost done shedding, mules just starting. Trimmed & shoed Mya. She looked like she was limping slightly on front feet this morning before shoeing, but her feet looked ok. Trimmed ~~Beefs~~ back feet before we got hit by a

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major thunderstorm & had to quit. Tested
out a second antenna for tracking sheep.
Jim called Mike Schlegel about ~~doing~~
scheduling of the fixed wing elk count &
getting aerial radio tracking equipment
sent in. Jim called Maurice H. about a
student intern applicant that we thought might
work out well working at Running Cr.; also
called the student, Joseph Evavold to see if he
was interested & available - he was both.
In the evening we talked ^{on radio} to Rick at Cabin Cr.
He had been bucked off a mule & thought his
arm might be broken. After several
conversations Jim saddled up Troy and I
rounded up ^{pain medicine}, a splint, wrist brace, ace
bandage, plus Angel food cake for Jim
to take up to Rick. Jim was hoping to
meet Mike between TR & Cabin Cr to pass
on the medical supplies, but Mike & hunter
got to Cabin Cr the same time as Jim - about 10:00
so Jim spent the night. He saw a bull
moose at Cabin Cr and ~ 100 elk. During
his rainy ride.

Thursday May 11

I repaired the propane gas line
from the Duplex tank, by replacing copper
tubing. Changed irrigations and decreased
flows. Jim finished shoeing Ben when
he got back from Cabin Cr. I tried our
new (used) harnesses on Cricket & Daisy
and adjusted the fit. Jim mowed Duplex
yard. I feed horses in AM. We took

the horses & miles up beyond the orchard in an attempt to get them off the overly lush clover of the lower pasture. Within an hour the horses had circled to the sagebrush flat to Rush Cr. to around the fence & into Big Cr then galloped up the airstrip. Jim sent them back to the lower pasture. I radiotracked for sheep at the house & sagebrush flat. I called Mike S. again with information for the elk count. It rained all last night & this morning - good for the hay crop but Big Cr. is quite high. Elk on the 3rd bench. Jim spent the evening mounting photos for the lab research displays. I made the first rhubarb pie of the year - rhubarb custard. Ben nibbling on asparagus from the garden too. Jim rototilled one of the gardens in the yard. Goldie is in heat. Called Tony W. at Running Cr Ranch in the Selway.

Friday, May 12

Finished framing photos for lab displays. Holly compiled sheep lambing & migration data from 5 years of diaries. Hiked up to timbered bench and saw 2 ewes with 2 lambs on west Cliff Cr. cliffs, also radio tracked. Did complete irrigation changes and ran weed-eater around duplex and edges of our yards.

Saturday May 13

After morning activities, plus Holly wrote up tent summer schedule with interns, we saddled up Cricket & Daisy and headed for lambing cliffs up Cliff Cr. Besides relocating the 2 ewes w/lambs we also saw 4 other ewes in west cliffs (one collared, #7 or #8). Also saw 1 pregnant looking ewe near the old drift fence and #11 and #1 with small group on 3rd bench switchbacks. Scattered showers today - snow on top but surprising amount of air traffic, both from west and east (Challis Mostly). Saw one plane go into Soldiers Bar.

Sunday May 14

Went over to sagebrush flat radio-tracking, animal locations basically unchanged and we're getting suspicious of #6 which hasn't moved from east nob in a week. Saw #'s 1 and 11 on 1st bench with group of 17 sheep... several black from rolling in ash. Holly spent the entire day on correspondence to Jim Fazio on several business matters. Did usual irrigation switches, had to increase Cliff Cr. ditch flow as the water is rapidly going down. Wrote close to a dozen letters today.

Monday May 15

Wrote some more letters this am plus called Jim Fazio, Ray flew in with the Weather Service folks (Ole Olson) and they checked out open station. Sorted

through the mail. Drafted our sheep study observation forms, put on computer and printed. Messed with waterline to get better pressure - running bleed outs etc. Made arrangements for Rick to watch Golda and T.R. while we attend a "backcountry picnic" at 5 mile Bar on the main Salmon. Fly wiped stock and did usual irrigation rotation.

Tuesday May 16

Ray flew in at 9:30 bringing Rick from Cabin Cr. to caretake while we go to 5 mile Bar on the Salmon R. First we met with FS (Kimball, Pope) at Cabin Cr. to discuss cabin dismantlement. Ray & Carol picked us back up at C.C. near noon and hauled us to Mackay Bar where we met a jet boat and were taken to Barbara & Heinz place. Really nice to meet all the people that we've heard on the radio all these years! In the evening we were boated back to M.B. where Ray flew us to Yellowpine Bar to spend the night with Newt & Sharon.

Wednesday May 17

Ray flew in to Yellowpine Bar at noon and we completed mail run with him before returning home. Tony & Carolyn gave us a tour of Triple T Ranch too. We sure enjoyed getting to know several other

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backcountry residents. Got the cookhouse - bunk-house ready for the interns coming in tomorrow morning.

Thursday May 18

Very stormy during last night and the majority of today. Finalized and printed 5 abstract write ups. Holly typed up a lengthy letter to Jim Fazio covering several summer planning matters. Kept calling out to Cascade each hour to check on weather. Finally after dinner the weather broke and Ray flew in the summer interns & gear. The interns are Lori Hurd, Dan Tomlinson, Mike Courtney. Gave a quick tour of the place before dark.

Friday May 19

Began the day with a visit from Tim Keogh in his Super cub. Then we all went over to Lower pasture to repair wire fence broken by elk. We also tightened gate with twisted wire gies and dug out the ditch a bit. Saddled up the team, our young mules, and Ben and rode up to 3rd bench to observe ewes/lambs & make radio contact. Saw 4 ewes with at least 2 lambs in main cliffs. This morning we discovered a very sick elk in the brush by lower pasture, it was unable to use its front-end for some reason. This evening we chose to put it out of its misery and used the team to drag it away from the trail.

Saturday, May 20

Mike changed irrigations then Mike, Lori, & Danny hiked up the Horse Mt Ridge from Taylor to get a view of the lambing cliff & count sheep. They saw 3 ewes & 5 lambs on lamb cliff. Jim & I wrote letters to Dean Hendee and Dale Bruns asking for support letters to the F.S. for the Atmospheric Monitoring Station special use permit. Also sent Mikes UI work card information to Linda Odenburg. Jim & I aerial radio tracked our collared ewes for the 1st time today with Ray. We found 4 ewes in Big Cottonwood Cr. near Thunder Mt and saw 3 ewes and 3 lambs while flying that drainage. We made plans ^{with Ray} for getting into Big Cottonwood to observe sheep and had ice cream sundaes, since Ray brought in ice cream! We brought Rocky, Top and Ben over to shoe, or we showed students how to shoe, but they didn't work on the animals today. We got the front feet done on all three animals by 7pm!

Sunday May 21

Finished shoeing Rocky & Top - rear feet on both. Had to tie up Top's feet as he was jerking them. Dan spent the day running the weed-eater around yards. Mike & Lori did some fence repair, swept off Arlows roof, and we burned brush down by storage shed. Finally turned the old sweat lodge structure ~~from Holly~~ prepared food list (meals) for upcoming

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INEL / Soviet visit for 3 days. Mike & Lori used radio to locate ewe #5 in Hobauer B. Holly & Dan packed gear for their 5 day trip to Thunder Mtn. to observe ewes-lambs located in Big Cottonwood Cr. yesterday. Todi & Deb, FS trail crew, arrived today and will spend night here - we put them in Arlow's cabin.

Monday May 22

Caught the horses/mules and got saddled/packed ready to haul Mike & Lori up to Cliff Cr. cliffs. They will camp up there and observe all day tomorrow. Once up there I showed them the best observation spots. Ray A. flew in mid-afternoon to take Holly & Dan to Stibnite and to radio track along the way. Holly called back from St. brite to report that sheep #'s 5 & 6 were in Hobar and up Pioneer Cr. respectively. This evening I saw 7 ewes and 2 lambs? on this south side of the cliffs... both spotting scopes are gone so couldn't confirm lamb numbers. Holly & Dan unloaded 1000 cases of groceries with Ray & Mike Arnold, then rode with them to Thunder Mt area. After one false start, we got backpacking at 7pm - along a road, old mining ditch, then cross country up cliffs, talus, and snowdrifts to our

Tuesday May 23 camp on the ridge overlooking Big Cottonwood Cr., 10:15pm!

Started the day by chasing the horses/mules back into the lower pasture. Posted research abstracts and photos in the lab. Cleaned house, refueled / started kerosene refrigerator. Storm hit around noon - very windy and rain turning to sleet. Worked off business & personal letters while the weather was crummy. Mike & Lori returned late afternoon. They made some extended observations on 7 ewes w/ 3 lambs in the main cliffs, also saw 2 other ewes across Cliff. In the evening I watched 4 ewes w/out lambs in the main Cliff Cr. cliffs. Holly & Dan hiked thru Big Cottonwood Cr. lambing area observing & counting sheep, snow squalls.

Wednesday May 24

Today was the interns day off. Hiked upstream to the gooseneck in search of ewe #5. Never found her but did find a pair of ewes and 1 lamb in the W. Holbar B. cliffs! Scoured the cliffs but never found anymore ewes/lambs... still an important find. Passed the F.S. trail crew along the way home. Mike, Lori & I rode up above the 3rd bench to get a look at the lambing cliffs and to look for the many's I lost the other day - never found. Saw 5 ewes down low in cliffs but there was enough brush to obscure seeing any lambs. Wrote letters in the evening. Cold with snow flurries this evening! Snowed most of the day at Big Cottonwood Cr. Don't I spent the entire day under our tarp shelter or gathering wood for our smoky warming fire. No visibility!

Thursday May 25

Lori & I hiked up W. Pioneer Rd. in search of ewe #6 and her herd up E. Pioneer... but never saw a sheep. Mike hiked downstream to the gorge where the trail crew told me they had seen a dead lamb on the trail... Mike couldn't find any evidence of it. Did yard work around lab and cleaned up inside too. Cleaned out cookhouse water box, gravel and debris. Saw 11 head of sheep on 1st bench this evening 5 ewes, 6 young rams. Ewe #11 was in that bunch. Talked to Jim Fazio again today, the group coming Memorial Day has expanded to 11! Had Carol expand the meat part of our grocery order.

Lori & I did a few loads of laundry with Dan & I out early to look for sheep washers at the lab. on the West part of lamb cliffs. Cold wind & 18° - a few new sheep (radised) seen. Packed wet tent & gear at noon & hiked to Thunder Mt. Mine. Got a ride to Cascade with mine employee. Spent the night at Arnolds.

Friday, May 26

Got Mike & Lori going up the hill to Cliff Cr. cliffs early, they rode Miya and Rocky up. Holly & Dan ^{caught a ride on the road from Thunder Mt} ~~were~~ soon from Tibarite to Cascade before returning back here. Holly called Tim Fazio about group coming in this weekend (Mon. Tues. Wed.), sounds like there could be as many as 15 by Tuesday! Holly & Carol A. fortified the groceries accordingly. John flew Holly & Dan in around noon. Went on short radio tracking mission with John, lost one of the screw-in antenna members in flight. Mike & Lori returned late afternoon. Did more ranch & personal laundry this a.m. Put away groceries for next week's visitors.

Saturday, May 27

Day off today. Went fishing. Did personal laundry. Rick from Cabin Cr. came down for visit. Holly put her field notes into a final form. I sawed out some birch trees which had fallen and were overhanging the end of the airstrip. Finalized PBS letter - personal.

Sunday, May 28

^{We all} Spent the day cleaning buildings, making beds, stocking cabins, lighting hot water heaters etc plus cooking & preparing food for tomorrow's visitors. Jim & Lori & Dan trimmed Topper & Lady's hooves & put shoes on Lady's front feet. Holly & Mike did some cooking.

Monday, May 29

Student interns hiked up to the lambing cliff to observe sheep. The INEL group of Dale Bruns^{INEL}; Yuri Puzachenko & Vadim Skulkin of USSR; Cary Clark, interpreter from Colo. St. Univ.; Dave Gruber of USPS Sequoia King Park; and Les Viereck^{Fairbanks} of USFS Alaska arrived at 8:30 AM via Bob Plummer & Grid. After breakfast, introductions, and a tour of the facilities, we packed up a picnic lunch & saddled up the horses & mules. We - the whole group rode down to Goat Cr. and had lunch. Jim & I identified plants by their Latin names, which Yuri understood.

After lunch we hiked into the Gorge to see the pictographs. We rode home & saw sheep below the 1st bench. Rick from Cabin Cr. came down for the trip & loaned us a riding saddle for the day. He saw a sow bear & young cub in Mule Basin. We had a chicken barbecue with the INEL group, students, & us. Dave & Yuri "led" the discussions about ecological monitoring techniques. This group will eventually formulate standardized monitoring techniques for global monitoring.

The primary difference between the numerous U.S. agencies techniques and the Soviet techniques is that US Scientists are oriented toward non-biased statistically valid techniques while the Soviets rely on intuitive sampling designs. The barbecue was rained out, but we continued discussions at our house.

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Tuesday, May 30

We had breakfast & the students headed to Lobauer B. in search of ewes # 5 & #6. Rod from Arnold Ar. flew in the group from Moscow (ID): Dean John Hendee, Karl Staszek, Howard Quigley, Greg Hayward, and VI News Bureau reporter Bebbie. We had a second round of introductions & the Dean, Yuri, and Dale talked about what they wanted to accomplish on this trip. Most of the group headed up to the benches to watch Yuri demonstrate the Soviet monitoring techniques. Sonny La Salle, Payette NF Supervisor flew in at noon. Jim & Sonny & John H. took lunches up to the "monitoring" group. I was involved with meal preparation & getting additional beds set up. We had a steak barbecue at the lab with continued discussions about Soviet-US partnership between scientists & students. Jim & I showed John H., Sonny, and Dale the proposed site for the atmospheric monitoring equipment on the sagebrush flat. We discussed the problems of getting a special use permit from the FS, and decided we could use a "compromise" site for the station on Hof I property at the edge of the bench.

Wednesday, May 31

Sonny La Salle flew to McCall early. The Soviets & US exchanged souvenier gifts, then the Soviet- INEL group flew

back to Idaho Falls. Jim & I talked with John H. about the future of Taylor Ranch & WRC, and about our plans for the future. Before the INEL group left John & Dale wrote up a "protocol" of ideas discussed and plans for exchanges of scientists & students between countries. Howard & Greg summarized the Soviet Monitoring techniques. The Hof I group left at 2:00 with a very heavy load for a mid-day flight. We spent several hours cleaning buildings after the visit, the interns had swept & mopped in the AM too. Dan & Mike headed down Big Cr for an overnight on the Middle Fk. We played Cribbage with Lori in the evening. This morning I found out my mother has breast cancer.

Thursday, June 1

Today & tomorrow are "days off" - weekends. Unfortunately, there is still work to be done. Jim flew 2 hours with Tim Keough in his supercub, searching for lambing cliff. They found five different areas - two were new sites. ^{80 sheep total.} I spent the morning writing a draft letter from Hendee to Sonny LaSalle about the monitoring station location and sent along a letter, supporting documents and John's legal pad of notes he had left here. I also wrote up the monthly weather report. Ray Arnold flew in with 3

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women who were riding the "Middle Fork
Mail Plane" & sightseeing. They came up
for coffee & cookies & stories about
Taylor Ranch. "Shorty", an annual passenger
on the mail plane, was one of the group.
In midafternoon to evening Jim & I rode
Daisy & Cricket to Lobauer to see how
many sheep were at that lambing cliff.
We also searched Mule Basin & Lobauer for
#5 & #6, but never saw them. We saw one
ewe in the west Lobauer Cliffs and tracks
of a moose on the trail at Mule Basin.
I got to change irrigations while
students were off. Lori hiked to
the Gorge & into the canyon above the
Gorge where she saw 12 rams. Dan &
Mike returned from the Middle Fork with stories
of rattlesnakes & broken fishing line.

Friday, June 2

Andy Anderson & Dick - of Payette N.F.
flew in to check the airstrip for Twin Otter
use - they decided the approach was
not good enough. Jim & I reshod Troy &
Daisy in between rain showers. Student
interns took the day off. Jim spent the
morning rewriting notes on aerial tracking
yesterday and plotting locations of sheep on
quad maps and aerial photos; I worked
on sheep notes & the Taylor Book. We all played
cribbage in the evening. Irrigation
as usual. Jim & Lori packed their
camp gear for tomorrow's trip, Dan hiked up
Pioneer Cr.

Saturday, June 3

Jim & Lori saddled Troy, Rocky, & Daisy for their trip to the lamb cliff on the Middle FK near Wall Cr. Mike, Dan, & I saddled Mya, Top, and Cricket to ride toward Rush Pt. ^{for} radio tracking and glassing Lobauer & Mule Basins. Jim showed students how to horse pack. Jim & Lori spent the day getting to & setting up camp & looking for sheep. The rest of us made an unsuccessful search of Lobauer. Ray Arnold flew in with Gene & Tish Benedict. ^{"when & scenic flight"} Payette NF Fire Officer Ray landed at 3 pm & showed his passengers around, then we arrived back at the ranch at 4 pm & visited an hour. Mike & Dan & I wrote up sheep /animal observation reports & played cribbage in the evening. Dan changed irrigations in the AM.

Sunday, June 4

Jim & Lori in search of bighorn sheep on the Middle Fork. They returned 6pm after seeing 8 sheep: 3 ewes & 3 lambs. Mike, Dan, & I hiked to the Cliff Cr lamb cliffs, tracking & glassing, then each of us hiked a different route down thru the cliffs in search of lambs. We saw a newborn elk calf near the 3rd bench and 52 sheep (27 ewes and 12 lambs) on the lambing cliffs). Dan found a dead 6 pt bull & hauled down its skull & antlers. Dan changed irrigations at 7AM; I took weather & changed sprinklers in yards.

Monday, June 5

Holly spent the morning with students Mike, Lori, & Dan clearing out Rush Cr. ditch and cutting out brush on Rush Cr trail to the stream crossing. We started irrigation ditch & cleared out remaining debris dams. Jim wrote up sitings report for Middle Fk bighorn sheep observations. He also started another progress report to FNAWS - our project funder. ^{esp. spotted sheep on lamb cutl.} In the afternoon we all hauled boulders with Rocky & Top to the edge of the airstrip ^{on Big Cr}, at the base of the hill. We rolled the rocks into the water to divert the current to slow the undercutting of the bank; also cut and skid 2 large alders to the edge of Big Cr to anchor near the rocks. Dan irrigated hayfields. Cleaned house in evening.

Tuesday, June 6

Today was going to be a short ~~day~~ work day - finishing the streambank stabilization project, without any interruptions. That is what was planned, but... first a group of 3 kayakers stopped along the bank where we were working. They had kayaked down Monumental Cr → Big Cr, but after 27 portages they said they wouldn't do it again. Next came another group of 3 kayakers from Montana who had lost their paddles at a submerged log near Beaver Cr & had to hike back to Big Cr and have more paddles flown in from Salmon! Just as we got back to work digging out ditches for the

deadman anchors & wire a plane circled, and landed. It was Jack Magee with Jim Peek, on their way to Challis. We visited a few minutes & they were off. We had received a message this morning about when Jim P. planned to be in this summer. We spent most of the day cutting deciduous trees along the ~~bank~~ hill side, ^{and} skidding rocks ~~and~~ the old stoneboat and trees with Rocky & Top. We wired everything into the bank. The current was deflected ~10 feet off the cut bank - a successful attempt to prevent further erosion. ^{late afternoon} Jim & Lori & Mike saddled Troy, Rocky & Top to go to Cabin Cr to feed Jerry Jeppson's horses. As they were leaving Ray A. flew in with three film men (Ray, John, Norm) from National Geographic who were doing a $\frac{1}{2}$ hour program on several unique mail services. I gave the group cold drinks and dramamine & soda crackers for those who needed it! We talked about Taylor Ranch & wildlife research for an hour & $\frac{1}{2}$ while one "visitor" laid in our bed recovering from the flying. We then toured the buildings. Had a call from Krassel R.D. about a FS / Nat Guard / UofI meeting later this month. My sister called about coming to visit in late June. Called my Mom about her mastectomy surgery tomorrow.

When cutting hay in the main pasture in July we found pieces of cougar hide & suspect it was a cougar vs cougars fight and one died.

Jane circled,
agreed with
Ellis. We
were off.
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called about
Called my
surgery tomorrow.

Stitched a broken part to Top's harness.
Imitated creative tinker Arlow Lewis and
replaced the broken handle on my tea pot
with a dogwood & alder vine handle.

Wednesday, June 7

8AM

Today started early when we awoke to screams & squawks of something being killed below our front yard. We thought it was our cat Yap - killed by a mountain lion or coyote. We searched in front of the yard and by the Duplex & Arlows where we heard chirping-cooing sounds. Never found or saw anything, so we returned to bed dejected about losing Yap - even Jim said a few nice things about him. Minutes later we heard the telltale sound of the metal roof denting as Yap walked across it. We happily let Yap in the house, unhurt; and never discovered what happened that night. We hung around today waiting for Ray Arnold & Mail plane(s) with the National Geographic crew. It's almost 6pm now & they still haven't arrived yet. I'm sure my ice cream has turned to pudding - it's been on the plane since 8AM on this 86° day! Today is a day off for everyone. Jim & I wrote letters while waiting for the plane. We wrote up the observations we've made of sheep & sent a copy to Mike Schlegel, IDFG.

I made cookies, wrote up my grocery list, and planted some geraniums, called to check on my Mom's condition after surgery.

Jim raked the garden & worked in the yard.
 The 5 National Geographic people plus
 Roy & Roy as pilots arrived at 6:30pm.
 We had to give up Roy's plane after all
 the flying they have done today. They
 filmed around the plane, us opening
 mail, interviews with us, ^{guitar, posing} etc.
 The group had lemonade & cookies
 & visited between filming, then left
 at 8:30. ^{In the evening} We & students listened to
 the Jess Taylor tape & read the
 history of Thunder Mt. Mine, which we
 received in the mail from Bob Pate, Mine
 Superintendent at Thunder, Wyo.

Thurs. June 8

Dan and I got an early start up to
 the Cliff Cr. lambing area, rode Miya & Daisey.
 Saw 17 ewes, 12 lambs up in the cliffs.
 Took some photos... of ewes/lambs. Searched
 for lost lambs on way up and down. Holly,
 Mike & Lori did yard work most of the
 day. Holly - Lori did the Univ. Laundry.
 Dan & I observed sheep from diff. points
 so we combined our notes onto 1 obs. sheet.
 Holly made Lasagne dinner for everyone. Searched
 Cliff Cr., by walking in stream for lambs -
 still nothing. Cleaned out the 3 waterbox
 intakes.

in the yard.
people plus
at 6:30 pm.
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Friday June 9

Tim K. flew in early to radio track
and spot sheep. We spent 1.7 hrs. flying
Big Cottonwood, Dynamite, Soldier, Wall, and
Big Cr. areas. Found another new lambing area,
this one in Dynamite Cr. For the most part,
the sheep were out of the open in shady places.
Holly & the interns overhauled Artov's floor-kitchen.
They tore out old linoleum and replaced it
with new. Spent the evening doing laundry.

Saturday June 10

Spent the morning awaiting the plane
w/ Jerry Evans et. al on board. The interns
walked up W. Cliff Rd. to the old burn area
looking for sheep #6 & #7. Ray flew in a bit
before noon with a plane load of people. On
board were Jerry E., Jean Hall (Jerry's sister),
Tim Scovel (Jerry's stepfather), Gus Hein
(Deputy State Superintendent), Robert Dutton
(Assoc. State Superintendent). Holly gave them
a facility tour. Jerry E. brought in a load
of goodies (donuts, cookies etc.) so we ate on those
a bit. They left around 1:00. Loui, Mike,
Dan returned around 3:00, didn't see the missing
ewes. Spent the rest of the day on putting
in new waterline (1 $\frac{1}{2}$ ") to the cookhouse...
from the box connection to where it enters the
ground. Holly sent a business letter to Leon
Nuenschwander.

Sunday June 11

Took the day off. Holly & Lori took 3 head up to Mile Hi - Bismark Mtn. on a $2\frac{1}{2}$ day outing. Dan's hiking up Goat Cr. today. Mike & I went fishing... the big bull trout are active now. Worked on sheep study progress report some. Saw ewe #6 on the 1st bench this evening, first visual on her in a long time. Fairly hot today... lots of mosquitoes out now. Lori & Holly saw 7 sheep including 1 lamb at Geeseenelick.

Monday June 12

Changed irrigation and chased horses out of main pasture. Went fishing morning, evening... on 3 day weekend. Dan went on overnighter up to Papoose Lk., quite a trip for one night out! Worked a bit more on progress report. Called Mike Schlegel about his planned trip in Wednesday. Got message from Mary of a Scout platoon scheduled to stop here the 20th to hear about our sheep study and Taylor Ranch. Mike and I had a crib tournament today too. Hot, near 90° this afternoon. Big Cr. starting to recede and getting clear too.

Tuesday June 13

Holly & Lori head back to the ranch from Bismark Mt - a 25 mile trip. Yesterday we snooped around old cabins on Crooked Cr near Snowshoe Mine. Jim radio tracked 2.25 hours in SuperCub with Tim, also saw #2 ewe who returned from Big Cottonwood Cr -

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she is now on the 1st bench with #11's group - no lambs. Jim spent the afternoon writing up his observations from the plane. We put the horses up behind the lab after fly dipping. Mike went fishing - caught a steelhead, saw another dead steelhead & 2 otters along the airstrip in Blair. We played an evening cribbage match; Mike, Jim and Lori & Holly - 2 skunks on the men's team.

Wednesday June 14

I spent the day on maintenance tasks - corral fence repair/replacement, water line (old) part salvage, getting the mowing machine in working order etc. Ray came in close to noon with the mail and a postal inspector. Holly & Lori had to go on a "wild goose" chase to find the mules/horses. Hooked the mules to the mowing machine and mowed a swath for planes on the strip. Got business and personal things ready for trip out

Thursday, June 15 (by Dant.)

Jim + Holly flew out this morning with Daredevil John. Lori spent the morning improving the ditch out of cliff creek to the lower pasture. Then, she helped Mike and me in fixing the fence in front of the corral. Murphy's Law ruled the day. (Mike and I are perfecting a method of work whereby one does everything in the most difficult manner possible.) We dug the

mother of rocks out of one hole;
it took over an hour.

Two muleys were halfway down the
air strip this morning. At one point, for
no apparent reason, they sprinted into
the middle of Big Creek, only to return
to the strip within minutes. This afternoon,
Mike saw a huge steelhead (about 24 in) at
the end of our streambank deadfalls.

Rick rode down about 1600 with
a couple and their two kids. He showed
them around briefly, then they headed back
for Cabin Creek. ~~in~~ A nasty hailstorm
struck about 15 minutes after they left.

I

Friday, June 16 (by Dan T.)

More rain this morning and last
night. The pasture (lower) received large
amounts of black, ashy silt from cliff
creek.

Lori spent most of the morning
working in lower pasture, on ditches, etc.
Then, in the afternoon, she headed
for Lobauer. She did not see #5.
Nobody sees #5 or #6. They are
mythical entities, like ghosts or Bigfoot.

Mike and I finished the fence
job in front of the corral by about 1300.
We spent the rest of the afternoon
in the lower pasture, digging a new ditch,
and weed eating. The weeds are so
thick that they chew the strings to
nothing in minutes.

I saw a mulie fawn this morning while irrigating the air strip. It was curled up right next to the ditch, about $\frac{2}{3}$ of the way down the strip. It ~~didn't~~ never moved the whole time I was there.

Saturday, June 17 (by Dan T.)

Lori and I arose early (well, sort of) to go up Cliff Creek. We left around 0810. Didn't see many sheep until mid-afternoon, then the action heated up.

We saw 8 ewes & 6 lambs in the lambing cliffs, plus a lone ewe on the west side of Cliff Creek. There were also 11 ewes, no lambs or rams, near the cliffs on the Third Bench side. We also saw a cow on the timbered bench. Unfortunately, the excitement didn't end here.

We chose a rather hairy route down through the cliffs to get home. Part of the way down, Lori lost her pack down the cliff - 150 ft down the cliff. ~~One~~ One of the contents of the pack was the spotting scope. It did not weather well. In fact, I believe that its career is at an end.

Mike had it easy down here. He did more weedeating - chewing up about 1,000 feet of cord in the process. He also worked more on a ditch in the lower pasture. Linseed oiling rounded out his day.

It should be pointed out here and now that Lori needs to be told the difference between serious injury and humor. Apparently she cannot distinguish between the two. On the way home today, I took a nasty tumbling fall down the slope, nearly shattering my kneecap in the process. Lori found this event to be cause for gleeful laughter, even as I tumbled. What kind of [redacted] sadistic brute is she, anyhow? I beg to differ!

(Please note that this mumbo jumbo is unofficial and should be disregarded.)

I (Lori) beat Mike soundly at cribbage again. (Couldn't resist!)

THE Scribe.

Sunday, June 18 (by Dan T.)

We spent today working on linseed oiling the lab and Arlo's. What fun! The trick with linseed oil is to get more of it on the wood than gets on the ground—not a simple feat. We spent the rest of the day fixing fence up along the airstrip.

There is a dark cloud of contention developing over the nightly cribbage game. This contention has arisen between Mike and Lori. Since I do not take part in the game, I find myself fit to be the arbiter of this dispute. Therefore, it is my judgment

that Lori is the guilty party in this case. Having read many Louis L'Amour westerns, I know that dealing off the bottom is a serious crime. I have witnessed Lori in the act of doing just this (dealing from the bottom). Therefore, I find Mike's claim that Lori is a cheat to be wholly justified. (REDACTED
REDACTED THAT ANY OPERATION WAS WITHIN THE
SIX MONTHS WHICH WOULD HAVE BEEN
REDACTED HAD BEEN REDACTED FOR
KEEPING.) ANGER WHICH HAS
I deal out of the ~~bottom~~ middle of the deck - Not the bottom!

Monday, June 19

Holly & I drove from Baker OR. to McCall to attend a 1:00 pm meeting with the Krassel Ranger Dist and the National Guard to discuss the cabin relocations. Also met with Clem on details of "Wilderness Mngt. Meeting" in early Aug. and the payment procedure on the FS's aspect of the internship. The interns spent the day at Lobauer B. searching for #5 eve without any luck. The crew of Boy Scouts and their leaders (Steve Mount) from Cascade arrived mid afternoon - they were settled in by the time we arrived in the early evening.

Tuesday June 20

Heavy rain this morning until 10:30. Gave the boy scout crew a discussion about our sheep study, radio telemetry, and skull anatomy... identification. Anchored several cottonwood trees to the gabion well and deadman anchors using the mules & boy scouts. Showed the boys some team handling procedures and then gave a short session on mule packing.

Wednesday June 21

Mail plane came in mid-morning. Holly flew out to make business and personal calls. John flew in late morning bringing in a FS trail crew of 2. He also came to radio track but did not have the brackets along. Dan, Mike and I went up tracking with improvised antennae attachment. It worked but our receiver battery went low on power! Came home in under 1 hour. Two of three Big Cottonwood ewes were not located. Holly, Dan & Mike finished linseed oiling the barn and put $\frac{1}{4}$ round around Arlows kitchen floor. Boy scouts left around noon. Holly flew back in early evening. Brought horse/mule herd into corral. Had to doctor Cricket's front right hoof (at bulb) which had apparently been cut.

Thursday June 22

Tim K. flew in at 6:30 am to do some radio tracking. The weather turned bad once we were up and about - were not able to make it over pass up Rush Cr. Put in .7 hrs. of moderately successful tracking in Hobauer and Cliff Cr. vicinity. Tim stayed until close to noon waiting for weather to get good enough to track but it never did. Spent majority of day packing firewood from Rush Cr. stash to the Taylor Cabin using 3 mules & 4 horses - the mules, Rock, Top, Topper hauled the wood. No major problems but both Miya & Troy were acting a bit hyper-active. Made at least 6 trips. I wrote up radio tracking notes from last 2 days.

Friday June 23

Dan & Mike went to work on yard work. Lori used brush to clean pack saddle pads. The National Guard chopper and a staff of 8 arrived shortly after noon to discuss/plan more cabin moving details. They stayed for a couple hours. One of the engineers had some good advice on winterizing our water box, namely having an outlet out the middle bottom of the box using a suspended pipe set flush to water level. Worked on letters to Jim Fazio and Clem Pope from FS on Hug. Conference details and internship

cooperative agreement. Holly had to go back and itemize food receipt from Soviet Scientist visit, a very laborious task! Arlows fridge was found out of gas and more than $\frac{1}{2}$ of contents rotten. I cleaned out refridge and Holly pressure cooked the meat that was still salvageable.

Saturday June 24

Today was primarily spent on sheep study activities, except for Holly who worked on business mail - all day. Dan & I went up to Lobauer Basin in search of #5. We found her dead after a couple hours search. She had been dead for quite some time (\approx 2 months maybe). It appeared as though a lion had made the kill as the neck was broken and the bones not scattered. Lori & Mike checked up Cliff Cr. for signals & sheep. We got the 2nd receiver going this morning. L. & M. saw no sheep and the signals were not particularly "pin pointing" for them. Dan sharpened 2 mower cycles and we once again got prepared to cut hay - weather permitting. Wrote up observation forms. Dan took off for Rush Pt. with backspade. Brought "the herd" into the corral for the night and to be fly-wiped.

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Sunday June 25

Spent all day + mowing hay and keeping mowing machine operating. Mowed the lower flat and main portion of Main pasture. Began at 8:30 am ~~00~~ and quit at 9:00 pm. Also worked on internship contract with FS. Today was start of 3 day weekend for ^{USFS} interns. Dan off to Sheephorn, Lori up to Cow Cr., and Mike fishing to the Middle FK.

Monday June 26

Went radio tracking with Tim K. at 7:00 am. Located the two missing ewes on the slopes of Red Peak, also located remaining ewes in 1.7 hours flying. Packed up camp gear and Lori, Mike, Holly and I took 6 head up Cliff Cr. with the intent of going to Horse Mtn. Had to turn back just beyond Coal's camp in Cliff Cr. bottom due to multiple downed trees. Went up Lost Guide trail a ways and camped at the "grassy saddle camp." Some regrowth of grass in middle of burn but far more growth along the edges.

Tuesday June 27

Packed up and were on the trail by mid-morning. Did some radio-tracking on the return and glassed for sheep. Holly picked a pile of Morel mushrooms. Were unpacked & unsaddled by 1:00 pm. FS trail crew (Stretch & Ted) stopped by with message to call out. Did some laundry in the evening. Found a patch of spotted knapweed on Big Cr across from Rush Cr @ big boulders - pulled ~20 plants.

Wednesday June 28

We started picking up hay today. Raked the main pasture with Topper & Daisy while Jim mowed by the weather station & cougar pen. My sister Bonnie & husband Ravi Tej flew in on the mail plane to visit. Interns & everyone else shocked hay. We picked up one wagon load of hay & started building the hay stack. Patty Stiger + Ruth Page - a range person on Payette Nat Forest flew in to Taylor & will work near here putting up a grazing utilization explosion at Goat Basin. We visited with them about local grazing issues + Nat. Guard plans for cabin moving. Mike Schlegel ^(flew) stopped by to drop off some topographic maps he bought for us for use on the Sheep work near Red Peak. Lori & Mike both raked hay using Topper & Daisy.

Thursday, June 29

Evening rain plus dew left the hay damp, so interns worked on eradicating the patch of knapweed at the western edge of the property. Jim worked on the computer for a few hours. We brought over the mules - raked with Cricket & Daisy - their 1st hitch together = semi successful, but Daisy got a sore mouth; Rocky & Top + human hay pitchers worked on the wagon; Topper ran the

hay today.
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 stopped by at noon on their way trailing
 stock to Monumental for the summer.
 We visited an hour. The Forest Service
 pair returned from Goat Basin, visited
 a few minutes, made a radio call, then
 headed to Cabin Cr. Mid afternoon Con
 Houlihan ^{friend Frank} stopped by with ~ 15 horses,
 mules she was trailing in for the season.
 We took a break from haying to visit
 & catch each other up on news of the last 6
 months - sheep study, etc. We picked
 up all the hay that was dry in the
 main pasture & quit ~ 8 pm. Pizza
 get together at our house for dinner!

Friday, June 30

Mike turned the irrigation back on
 to the main pasture, after the ditches
 were raked out. Jim & Ravi Tej worked
 on the hay fork track. Bonnie & I
 repaired/improved Cricket & Daisy's harnesses
 with leatherworking & rivets. Jim raked
 with Rocky & Top by the weather station
 then we picked up the remaining
 cut hay, after shocking & letting it dry.
 Lori has been stacking on the wagon, Mike
 has worked Topper on the hay fork most
 of the time. Jim called J. Fario about
 our summer pay; I called L. Otenburg
 to ask for the sheep budget ^{summary} to be sent
 - the third time I've requested it! Ravi Tej
 fixed a big dinner for everyone -
 Mung Bean & Rice Curry. A cabbage match
 followed.

Saturday July 1st

Rode up to Cabin Cr. today to look at Cabin demolition and show Bonnie & Kavi Tej the upstream sites. The interns went in search of some colored evers which we need to see... # 6 and # 8. # 6 is presumed to be dead as her signal hasn't moved in a couple of weeks. John Hunter, Lori's friend arrived at TR after hiking from Big Cr.

Sunday July 2

Mowed hay today - the entire airstrip. Had a couple break-downs with the mower which drug out the day's work. The interns reconstructed the Rush Cr. dam and the ford ramp, they also did yard work. Holly weeded gardens and set up sprinklers in yards.

Monday, July 3

Was going to be day off.

Rusty Munn was flown in early today via Salmon Air Taxi. Visited with JoAnn & Dan, the owners, same about their Islander planes. Holly spent all day + visiting + helping Rusty setting up monitoring station. Packed all the gear over to west end of north pasture via 3 mules. Shot bearing on property boundary Cor. 6 & 7 and determined that all of suspended bench was indeed off of property, so selected north pasture as second choice on the property. C.O.'s Jeff Day and

Larry Jindrich showed up at noon to stay over night. They are checking fisherman and getting familiar with Big Cr. Con, Steve Z., Wink & family stopped by enroute downstream on a fishing trip. Lori & John went on an overnight to Rush Pt. Dan took the day off to rest his sprained ankle. Mike worked on irrigation & haying projects. Jim raked the airstrip w/Rocky & Tops.

Tuesday July 4

Rusty Munn showed us the procedure for collecting monitoring station data. Unfortunately the computer program he brought in was on 5 1/2" disks, not the 3 1/2" disks our computer uses, so we couldn't work with the program. Rusty flew out at 10 AM to Salmon. Lori and John returned from Rush Pt. in afternoon. Larry & Jeff headed to the Middle Fk for a few days to check fishing licenses. Jim, Holly, Dan & Mike worked into the evening on shocking, picking up hay off the airstrip. We have been picketing/hobbling 3 horses in the main pasture with mules + Ben loose for grazing in the day, then corolling all at night.

Wednesday, July 5

J & H mowed the NW pasture across Big Cr. Dan had the day off. Mike's dad Tom flew in on the mail plane to spend a week with him. They hiked to the Middle Fk for an overnight. Lori restarted irrigations on the airstrip, dug out new "overflow" spur ~~ditches~~ ditches to dry spots ~~in~~ the main pasture, and raked the sides of haystacks.

John helped. Jim call J. Fazio about coming in, but he wants to wait until after a WRC meeting next week. I tried to call J. Peek about when he plans to be in - no answer. Set up radio tracking with Tim tomorrow.

Thursday, July 6

Jim, Lori, Dan built a fence around the weather/atmospheric monitoring station to keep horses & wildlife away from the instruments. Holly worked on updating sheep data forms. Jim sent a letter to Mike Schlegel about ewe mortality. Holly wrote to Kari Allred about cooking for the F.S. gathering at Taylor Ranch.

Tried to call Jim Peek - no luck; called Linda O. to check on sheep budget being sent ^{here} still not in the mail! John ^{\$10.00 TRIP!} flew to Big Cr. with Ray Arnold. In the afternoon Lori & Holly searched for ewe #7, expected to be dead; Dan & Jim searched for ewe #6 also expected to be dead. Neither group found a collar or ewe, but we both were close. ^{Mike & his dad Tom plus} Larry & Jeff, CO's returned from the MidFk. We invited everyone up for ice cream sundaes in the evening. Temperatures have been in the high 90's lately with no clouds. Holly ^{aerial} radio tracked with Tim K from 6:30 - 8:30 AM.

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Friday July 7

Jim & Dan searched lower Cliff Cr again for #6 ewe. They found a tuft of sheep hair & bones scattered around; they suspect the collar is in or adjacent Cliff Cr. Mike, Lori, & Tom rode to the Timbered bench to search for #7 ewe, but couldn't zero in on her. In the afternoon & evening we ^{all} raked, shocked & picked up hay from the NW pasture. Dan raked with Topper & Daisy, then I hitched Topper & Cricket to rake & finally Cricket & Daisy who did much better today than last week. Jim & Lori drove Rocky & Top on the wagon. Dry, hot, windy weather has well cured the hay. Horses were picketed on the airstrip. Con's new employee George stopped by looking for their fishermen.

Saturday July 8

Finished picking up hay across creek - two more wagon loads. Holly reraked the field with Cricket & Daisy. Took the afternoon off in celebration of haying being done! Jeff & Larry returned from checking fisherman at Cabin Cr. Dan, Mike, Mike's Dad Tom picked pie cherries. Holly pitted cherries and baked pies. Had everyone up in the evening for pie & ice cream.

Sunday July 9

Organized a big sheep search today - for #5, 6 & 7. After giving up on #6 in lower Cliff Cr. we found her east of the 2nd bench - Mike spotted her with binoculars from 150 yds. Went on to search for #7, first looking on the timbered bench. Gradually followed signal across Cliff Cr. and up W. side in rugged bluff / talus / brush area. Found her after a few hours. Both #6 & 7 had been dead for several weeks - cause of death unknown.

Rebuilt Rush Cr. diversion dam and cleared weeds - debris from the airstrip ditch. Invited Jeff & Larry to dinner.

Monday July 10

Jim & Students packed firewood with mules and packboxes from Rush Cr. Holly organized completed sheep observation forms. Con stopped by with 4 fishermen whom we showed Taylor Ranch, talked about history & research projects, and invited for iced tea.

In the evening we (Jim, Holly, Lori, Mike) rode down to the Salt Lick Camp (1 mile down Big Cr.) to visit & have blueberry cheesecake with Con's group. We met Frank Giles, who is now cooking for Con. Larry & Jeff flew out with McCall Air Taxi! Jim Peek called to reschedule his trip in for August 2. ~~He~~

called Cricket got colic 9:30 pm; walked her 2 hours, administered mineral oil, then I camped by her overnight so I could

Tuesday, July 11

Cricket's OK today.

Penny Morgan & Steve Bunting, plus their infant Sarah flew in from Moscow with Brian Elfers of Interstate Av.

Jim & I visited with Steve & Penny in the morning - catching up on news of Moscow; while the interns improved irrigation ditches and harnessed the mule team. Penny & Steve hiked to Goat Cr. in the afternoon to check the knapweed sites. The rest of us hauled firewood from across Big Cr in the wagon. We unloaded at the lab, cookhouse, and stacked a reserve pile on the upper end of the airstrip. Steve & Penny invited us for dinner. Ed Krumpe called to let us know Dr. Gibb would be in this Friday. Students got early groceries on Arnolds plate.

Wednesday, July 12

John from A.A. flew in at 7:30 AM to radio track - Holly, Dan, & Lori tracked the remaining 6 sheep for an hour. Rod of A.A. flew in also, while waiting for Forest Service people at Cabin Creek. After tracking Jim & Holly flew to Cascade & then to Spokane for a job interview. Dan, Lori, & Mike went to Goat Cr with Steve to do transects and nested plots to sample knapweed spread.

Mike's dad Tom flew out with us. We called Ed Krumpe & discussed his & Jim's trip in next Tuesday. The mothers of the Cascade boy scouts sent us in 2 gallons of raw milk & 2 dozen eggs - a nice gift! Dan is irrigating this week - he did some major "dredging" of the Rush Cr. ditch where it crosses the airstrip.

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Thursday, July 13

Holly & Jim returned to Boise in the AM. Visited with Mary McGown then unexpectedly saw John Reed of A.A. at the airport. We caught a ^{flight} ride to Cascade with him. In Cascade we visited Mike Dunbar & Sherry about his pathology samples taken on the bighorn sheep when we radio collared. We caught him up on the ewe deaths, movements, lambing, and lamb mortality of this summer. He gave us a written report on the results he had back & we speculated on why the 3 sheep died, since they did not have antibodies or positive tests for either of the 2 diseases which showed up in some of the other radioed ewes (Pasteurella haemolitica (T10), and Leptospira). Dan, Mike, & Lori worked with Steve & Penny on knapweed monitoring and ~~the~~ bored trees on the timbered bench to get a record of fire frequency. The last ^{big} fire appears to have been 150 years ago! Late afternoon Steve & Penny ^{Sarah} rode Ben & Lady to Lobauer to check the site for knapweed - none found & they wondered if the FS pair had pulled it up & burned it. ^{They} ^{as} ^a ^{cab} Lori hauled & stacked the ~~cook~~ lab firewood; Mike & Dan stacked cookhouse wood. Holly & Jim flew in with Doc Johnson in the evening with ^{John R. F.} ^{out 5pm} A.A. We invited the whole group over for

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fresh raspberries & ice cream that Doc brought in! Had Doc over for dinner. Called Marlene West about Whitewater Ranch.

Friday, July 14

Doc went fishing early. Penny & Steve came over for breakfast before flying out. It seemed like a major airport at Taylor this morning. Mike Dennis of McCall Air Taxi landed with Dr. Gibb, his son & daughter-in-law Rich & Annie, and friend Ron Byers, then John of A.A. was right behind them - in to pick up a piece of radio tracking equipment. McCall left, then Interstate Av. arrived to pick up Steve & Penny. Dr. Gibb talked with us a half-hour about our position and why we were planning to leave. The Gibb's fished downstream, Mike & Doc fished upstream, Lori headed to the Crags after meeting Dr. Gibb, Dan stayed around the ranch, Jim & Holly put away the mail and got food ready for a big barbecue tonight. Jim & Mike fixed the footbridge at the airstrip. They saw & photographed collared ewe #8 without a lamb in a group of 14 sheep (9 Ewes, 4 ^{small} Rams, 1 lamb), across Big Cr from the cookhouse. I tried to get pictures of the sheep too, but couldn't find them later. A hot day - 98° and no wind, 100°+ on the other S facing slopes. Jeff Day called to see if we wanted an orphan moose calf from Cold Meadows, but they (F&G) couldn't catch/find it, so we may not get it. Mike Schlegel called to talk about the ^{bighorn} Sheep disease, sickness, & mortality & discuss coming in next Monday.

Kari Allred called to confirm she could cook for the Wilderness Management Gathering, Aug 4-6. This evening we had a Ranch Barbeque of elk burgers, white fish, potato salad, and fresh raspberry cream cheese pies.

Like the Soviet Trip barbeque, half way through dinner we had to retreat to the lab porch due to rain and high winds. We returned to the fire pit after 1/2 hour.

I wrote up aerial tracking information from Wednesday and put locations on maps and photos before going to bed.

Saturday July 15

Doc Johnson & Ron Byers fished upstream after coffee & cereal at our place. Dr. Gibb + family fished back down to the gorge.

I wrote a thank you note to the boy scouts (Jerry Stevens) for the fresh milk & eggs they have sent in for us; also wrote up a grocery list for EdK. & JimF's visit next week. I summarized the sheep data by individual sheep. Jim & I plus interns

read the lab report Mike Dunbar had written about the pathology samples taken when radioing the bighorns. We had several thunderstorms today. Doc J. took me fishing, then Jim cooked dinner for the 3 of us. Visited with Dr. Gibb about our recommendations for ~~improving~~ improving Taylor Ranch and WRC management. Dan hiked to Bear Trap

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Saddle for an overnite. Jim tied flies for his next fishing trip! He also did yardwork.

Sunday July 16

The Gibbs flew out at 8AM to McCall. We visited with Doc in the morning, then started trimming hooves on Rocky & Top until Arnold's flew in to pick him up. Doc brought in new (old) mowing machine parts, lots of fruit and beer. We got 5 full propanes on Arnold's plane. We - Jim, Holly, & Mike - finished trimming the mules & trimmed & reshod Mya. Mya's front right leg (cannon) is swollen and slightly tender & warm; her left leg is slightly swollen on the inner side, too. Can't determine what the problem was/is. We'll keep an eye on her. It rained all afternoon, so we worked on our own projects indoors on this "day off". Dan & Lori returned from their backpacking trips.

Monday, July 17

Jim, Lori, Mike, & Dan stacked firewood at the Taylor Cabin and Cookhouse. Holly checked Mya's leg - slightly less swelling. Jim & interns removed fallen tree at mouth of Cliff Cr, replaced broken post and installed new rails on footbridge. They went upstream to Sego Lily Flat where they cut 12 poles for fencing, removed branches, hauled to Big Cr and lashed together as 2 rafts. Holly did laundry & cleaned the house

while waiting for a return phone call from Mike Schlegel - who didn't call. Made arrangements for tracking & flying to Johnson Cr. Wednesday with Arnold. Got Duplex ready for visitors tomorrow, Interns tidied up their cabins.

Tuesday July 18

^{with Brian Elfers, Moscow}

Ed Krumpe & Jim Fazio flew in early this morning. We went on a tour of the facilities in the morning & discussed upcoming Taylor Ranch activities and the WRC meeting in Moscow last week. In the afternoon Jim, Lori, Dan, and Mike hiked to Sego Lily Flat to float 2 pole rafts downstream. Ed, Jim, and I rode Rocky, Lady, and Cricket to the site to take pictures. We returned to the ranch then rode across Big Cr to see the atmospheric monitoring station. We remove the storage module in order to download the information on the PC Computer, but realized we needed a 25 pin serial adaptor ribbon. - Ed will send one in. In the evening we all got together for dinner at our house - Lasagne & salad & Taylor Cherry pie. Ed, Jim, Jim & Myself talked in the evening about TR management & our position. Interns took the morning off to do laundry & pack for tomorrow's trip. Jim packed his camp gear.

Wednesday July 19

Jim, Lori, Mike, & Dan loaded backpacks into the plane & John flew them to Johnson Cr. They tracked for sheep on the way. At Johnson Cr Jeff Day met them & all 5 drove to Monumental

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Summit then hiked to Big Cottonwood Cr to find the radio collared ewes & observe other bighorn sheep. They found 2 dead lambs, necropsied the fresh one & collected organ samples. Meanwhile back at the ranch... we had a leisurely breakfast then made a picnic lunch. Saddled Rocky, Mya, and Troy, then rode to Cabin Cr to look at the Larham cabin that will be moved to Taylor next year. After looking over the building we decided which wall should be removed to make a meeting room & how the cabin should be aligned at TR for the best view. We saw 2 moose in the beaver pond on the E side of Cabin Cr meadow - a young bull & a cow. We barbequed chicken breasts over the fire for dinner. Ed & Jim fished their way back from Mule Basin then hauled the fence poles out of the water at the lower pasture. Talked to Roff & Margaret about the interns at Cold Meadows. Set up a flight with Clem Pope.

Thursday, July 20

The Big Cottonwood Sheep Searchers found 45 ewes, 4 lambs, 3 young rams then spent a hot & mosquito night under the stars. Ed and Jim left fairly early with Brian. Brian brought in a recent newspaper plus the horseshoes he bought for Jim. I worked on irrigation, balancing the checkbook & got started sorting thru slides to select pictures for the scrapbook. Fly wiped the horses.

Friday July 21

The Big Cottonwood Cliff scaling, backpacking bighorn sheep watchers returned to Johnson Cr with their tissue samples mid day then flew back to TR in the evening. I spent all day on sorting slides for the scrapbook - narrowed it down to 200 slides. Filed away slides from the last 9 months in slide holders. Changed irrigations & kept sprinklers going. Invited Mike, Dan, & Lori over for chocolate cake. Clem called about interns & gear to Cold Meadows & had a head count for the Wilderness Mgt. Gathering : 19 tentative. On Wednesday we heard ^{on the backcountry radio} the sad news about Dave Clemmens from Ontario - he was riding a horse on the South Fork trail to Makay Bar when the horse slipped off the trail on a cliff & they both fell into the river; Dave's body was recovered a day later after drowning. Also on Wednesday we received a letter from the Dean's office stating we could not complete the sheep research ~~as~~ as research associates in the College of FWK if we leave our Taylor Ranch position - sounds like "sour grapes" to me!

Saturday, July 22

I continued working on the scrapbook picture sorting. Jim & the interns wrote up their notes & locations on maps & photos of their Big Cottonwood Cr trip. Irrigating, yard sprinkling, and putting fly wipe on horses are jobs that we have had to keep up on daily with the hot spell of weather we've had lately - mid to high 90°s. Radio tracked ewe #8 from the yard - no signal today. We all played cribbage & Fictionary in the evening.

Sunday July 23

Jim & I trimmed & shoed Ben, plus front feet on Cricket & Daisy, and trimmed Topper. Mike trimmed Lady's front feet. The interns packed gear & cleaned the cookhouse in preparation for a 2 week trip to work with Rolf & Margaret Goerke (USFS) at Cold Meadows. I worked on the ~~stuck~~ scrapbook this afternoon.

Bob Hadley, a new employee of Con's, stopped by at 9:30pm trailing in stock from over the Crags. We visited with him then invited him to spend the night.

Monday July 24

Lynn Clark flew in on Forest Service flight to pick up the Interns to take to Cold Mdw. She shuttled to Cabin Cr since the temperature was already 60°. Bob headed to Cabin Cr.

Jim & I finished trimming & shoeing Rocky & Top. Both were quite grouchy due to horse flies buzzing around & biting them, despite a thorough application of FlyWipe. The Forest Service called to see if we could pack some gear ~~for~~ of smokejumpers from a fire in 2-point Creek where they had jumped. Jim tightened & repaired the rail fence around the hay which Top broke during shoeing. I organized & narrowed down the slides for the scrapbook. Mom, Andy, Michele & Sarah flew in in the evening.

Jim had started the FNAWS progress report.

Tuesday July 25

Jim aerial tracked with Tim at 6:30 AM. One ewe had returned to Cliff Cr from Big Cottonwood for the 2nd time this ~~yes~~ summer; lamb numbers are still low 2-3 seen in Big Cottonwood. We wrote a letter to Boswells about our decision on Mountain Meadows.

Most of the day ~~was~~ spent visiting with Michele & Mom & watching the kids. Jim shod Rocky's back feet. Two smokejumpers hiked down Pioneer Cr from the ^{burning} Snag they put out above Stove Camp then flew out with John of A.A. Changed irrigations & fly wiped horses. Jim packed gear for his trip up Rush Cr for FS gear.

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Wednesday July 26

Lynn Clark flew in to pick up 2 smokejumpers from SFK Rush Cr. They were supposed to be here last night, but didn't arrive until 2 hours after Lynn arrived - A 14 hour hike out! We planned to ride up & pack their gear out for the FS, but by the time they arrived & gave us directions to 2 caches the temperature was in the 90's with not enough time to get there in one day. So, we waited for the mail plane with Mom & Michele. Ray arrived at noon with 2 other passengers + gear! They got off the strip okay. We cleaned up the house & relaxed in the afternoon.

Jim Saw Con & his fisherman Neal ride by, so ~~we~~ waved them over for a visit. Just as they arrived a thunder storm hit with heavy rains. We received the completed Forest Service Intern contract from Clem in the mail today. Replaced wick in kerosene ^{added} fridge & ~~filled~~ with kerosene.

Thursday, July 27

We are heading up Rush Creek early this morning with Troy, Cricket, Daisy & Rocky. Made it to the confluence of Main & S. F.K. Rush Cr. at 3:00pm. After dropping off gear at camp spot we went 1½-2 miles up the S. F.K. to pick up the smokejumper's gear. Got rained on - torrential thunderstorms. Attempted drying out gear around fire in the evening. Also on trip up had to clear some trail... Rush Cr. trail is obnoxious! Brushy & many (22) stream crossings

Friday July 28

Saddled and packed gear this morning and were on the trail by 8:45. Trip went well through "Rush Cr. jungle". Once on ridge going up Dead horse trail Holly began radio-tracking - got signal from #2. Made it to top of ridge (main trail) by noon and back to TR. by 3:30. Holly radio-tracked off Cricket's back the whole way, found #2 across from mouth of Rush Cr. Hot & smoky today - many fires burning to the west. Put away camp gear.

Saturday July 29

Ran the weedeater around the yard and the duplex front. Repaired gate in front of Arlows. Holly worked on menu plan for next weekend's "gathering." Holly did laundry today, plus tore the wash machine apart when it broke down, she found a broken drive belt. Very smoky from fires to the west (on the S. F.K. Salmon R.) and also very hot and sultry today. Filled kerosene refrigerator and emptied k. barrel. Replaced propane tank on bridge on back porch too.

Sunday July 30

Rode Cricket & Daisey onto 3rd bench radio tracking #2 & #8, they were faint up beyond cliffs? Saw 8 sheep on 1st bench and a very poor looking ewe in lower pasture. This ewe will not make it long. Unfortunately, she spooked from us and went downstream. Repaired wire fence east of bridge. Holly worked on sheep

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observation write ups Also yesterday
received call from Mike Dunbar saying
the lamb samples we sent in tested positive
for Pasteurella Hemolitica T-10. Wrote
letters this eve. Photographed the red sunset
reflection on Big Cr. still very smoky sky.
Looked for sick ewe in the evening

Monday July 31

Spent the day on business letters
& reports. We finalized and printed out
our third progress report for the FNAWS
Sheep grant. I wrote the Hoover Vacuum
company to order parts for the washing
machine. Wrote up the monthly weather
report. We signed & returned a copy of
the Intern - Forest Service contract.

I called Ed Krumpe - he told us the FS
Wilderness Gathering is cancelled due to
so much fire activity & FS can't have personnel
or planes available. We weren't surprised
about the news as there are 500
fires (mainly lightning strikes) burning
on the Payette. I tried to call Kari Allred
about cooking yesterday & today - left a
message on her answering machine that I
wouldn't need her. We never could get a
call thru to the Payette NF as the lines were
busy all day. We are wondering if the
Interns will have to hike back to Taylor from
Colo News if the planes are tied up with fires.
Jim called Mike Schlegel about the sick ewe
after checking for her downstream this morning.

Jim expanded & improved irrigation ditches today and I did the same yesterday. Received a message from FS about the cancelled meeting. I put away my recipes & grocery list I was going to complete today. Jim Fazio called to fill us in on a ~~better~~ good proposal on TR^{WRC} that he sent to the Dean (our copy is waiting at the post office for mail day) and to let us know that all of his ideas had been turned down. That is unfortunate, but not unexpected!

In the evening we radio tracked for #2 & #8 and drove Cricket & Daisy to Cougar Cr looking for the sick ewe. We didn't find the ewe, but saw a bull elk, and also noticed smoke from a fire up Rush Cr. Could it be the fire the 2 smoke jumpers "put out" on the S. Fork Rush? We'll check with the FS. tomorrow. Yellowpine, Stibnite & the rest of that area may be evacuated due to fires (Caton Cr, Warm Lake); the Johnson Cr Rd and Lowman Rd~~s~~ have been closed due to smoke & fire. Jim fletched some arrows & wrote Alaska Fish & Game in preparation for our Alaska trip to bowhunt for Caribou. Jim saw a reddish bear on the airstrip.

Tuesday, Aug 1

Mary informed us that there was indeed a fire on Sheephorn Mtn. as we suspected. Finished the sheep study Progress report, cover letter and budget update. Sent copies of progress report to FNAWS (3), Bob DiGrazia, Mike Schlegel, Dean Hendee, and Mike Dunbar, DVM. Radio tracked for #2 & #8. Went over to "Vern's Saddle" over looking Rush Cr. to assess fire - very smoky! This afternoons wind couldn't help the fire situation any. Yellowstone people constantly discussing their fire situation today. Heavy smoke and ashes this evening. Received word from both Big Cr. lodges of the Pecks headed downstream. Checked for the sick ewe in the lower pasture today two times, but no sighting. I went thru more slides today - organizing this year's sheep project slides & filing away other slides in our Taylor Ranch books.

Wednesday August 2

Mail day came earlier than expected, as I was still filing slides away and packaging up slides to be sent out to make prints - when Ray flew in. Jim stalled him for awhile with coffee & cookies until I sealed the package! I finished filing away other slides after Ray left. We received a photo of Dale Bruns & Sonny LaSalle from the Dean for the scrapbook/photo album. I wrote him a thank you note.

We also received Jim Fazio's proposal for administering TR & WRC. It was a good proposal. Patty Stiger of Payette NF called to see if we could host/house 2 people from Channel 4 news doing a story on 25th anniversary of the Wilderness Act, and burn spotted Knapweed dug up by boyscouts. Jim cut down a dead tree near our yard, barked it, and cut it up for fence posts & crossbucks. Checked for the sick ewe again - no luck. Changing irrigations daily — we were spoiled this summer when the interns did the daily irrigation changes! Called Rolf & Margaret about Interns returning, but couldn't reach them. Radiotracked from the house. The fires didn't kick up much smoke today as it was cool & calm. Ray A told us there was a fire up Cabin Cr. Jim & Pat Peek arrived this evening on horseback from Big Cr (Acorn Cr last night). We visited about Research.

Thursday August 3

Terry Holubetz and Charlie Petrosky of DEP flew in this morning to conduct the annual anadromous fish survey on Big Cr below Rush Cr. Terry expressed interest in setting up a major long term fisheries study with a weir at the mouth of Rush Cr to count all salmon & steelhead moving up Rush & the fry

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moving downstream. He will be sending us an informal proposal on the project next week to pass on to WRC Director. Jim & I went with Terry and Charlie to Big Cr & Jim took notes and mapped data while Terry & Charlie snorkeled. We check Rush Cr for a potential weir site - our diversion dam looked like the best spot. We had lunch together - Terry & Charlie brought food. After lunch the 4 of us plus Jim Peck hitched harnessed Rocky & Topper, skid fenceposts from our house to the lower pasture and fencepoles from the log rafts to the fence site. We had a barbecue at the lab spit. We received a phone call from Bob DiGrazia FNAWS asking us how much more \$ we need for the sheep project - We'll have to get together with Mike Schlegel on that issue. Ed Krumpe called to say he and a physical plant pest control person would be flying in tomorrow to spray pesticides for the wood borer/ carpenter ant problem in our cabin. F-Stop Film Co called for clarification about the photos - we decided to go with Cibachrome processing for photo album print. The forest service called to say the Interns would fly back to Taylor tomorrow at 5 pm. We saw #2 sheep in the lower pasture with 4 other ewes and 5 young rams.

Friday August 4

The Interns arrived at Taylor at 8:15 AM - a change in FS plans. Rod flew the smoke jumper gear out on the FS backhaul. We invited interns, Peeks, and Fish & Gamers over for breakfast - compliments of Fish & Game biologists. Ed K called to say their trip from Moscow was canceled since the plane needed maintenance. Jim tried to get ahold of Mike Schlegel about the sheep project. I tried to call Dr. Gibb yesterday, but no contact.

Jim worked on ~~the~~^{with Jim Peeks help} rebuilding the corral fence, I did University laundry-bedding. The Peeks clipped several vegetation plots on Cliff Cr. The students unpacked, did laundry, & took the day off. The FS ^{Patty} called to say the Channel 4 News trip is cancelled. I found the radio tracking antenna piece which fell off the ^{Cessna} 206 when tracking 2 months ago — it was in the pasture near the irrigation ditch I was working on! We had a ranch barbecue in the evening. Called Jim Fazio, but talked to Ed Krumpe about why interns still have not been paid! More accounting office problems.

Saturday, August 5

Jim Peek worked with the Interns today - measuring ninebank production in a plot up Pioneer Cr. In late afternoon, Jim, Jim, Mike, Dan, & Lori went to Mule Basin to cut

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a large cottonwood out of the trail
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 ran into these obstacles on their ride
 from Big Cr.). Jim & I printed out
 Sheep progress reports for Lloyd
 Oldenberg & Gary Power, both of IDFG.
 I typed up bills for Internship - Forest
 Service Coop and smokejumper gear
 packing from Rush Cr. and sent them
 out with letters. Wrote up a grocery -
 cleaning supply list for a UofI order
 at IGA. In the evening we went
 over a list Jim wrote up for the
 Internship final writeup with Dan, Lori,
 & Mike.

Sunday, August 6

The Peeks flew out with Jack Magee of
 MATCO & returned to Moscow for several days.
 The Interns spent the afternoon & evening
 writing on their joint Taylor Ranch writeup.
 Jim & I visited with the Peeks about
 additional bighorn research we or Jim Peek
 would be interested in doing at Taylor Ranch.
 Jim P. offered to let us complete our sheep
 research under him as research associates
 if we leave our manager positions. In the
 afternoon Jim & I took time off to shoot
 our bows, catch up on the news and write
 letters.

Monday, August 17

Today was a day off for everyone. Mike Lori & I rode Top, Mya, and Cricket to Cabin Cr to check out the Vinegar Hill Fire. We saw elk at Lobar, sheep at the gooseneck, and a rattlesnake at Brown's. We stopped at Jerry Jepson's camp & talked to Mike & the Texans. The fire had burned on Vinegar Hill & down into Cabin Cr - it was spotty - mostly in grass & scattered trees & just a few burning stumps were putting up smoke. We watched the Otter drop parachute loads of equipment to the smokejumpers 1/2 mile from Cabin Cr. airstrip. Jim stayed at the ranch and edited Howard Quigley's cougar project abstract for the lab displays. He talked to Mike Schlegel about coming in to discuss additional sheep work thru FNAWS. I called Linda Odenberg in CFWR about student pay problems; also called F-Stop Photo to confirm prints developed with internegatives for the scrapbook. Ed Krumpe called from Cascade on his way thru town; he dropped off the computer attachment for the datalogger and copies of the Taylor Ranch article in Idaho; The University. We picked a few raspberries by the Duplex, then played 4-hand Cribbage in the evening.

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Tuesday, August 8

Jim radiotracked for sheep with Tim Keogh at 6:30 AM. Tim stayed for breakfast & to tell us about their newborn baby. Mary from Arnolds called to say the Vinegar Hill fire was contained. Jim spent the morning mapping & writing up ~~Wednesday August 9~~ results of aerial radio tracking. I tried to set up the computer to save the monitoring station data, but realized we still don't have the right adapter connection - left a message for Ed K. to pick up another adapter. Today is a day off for everyone. Dan stuck to Goat Ridge with the tracking radio in search of #2 ewe, but she had moved downstream by the time he got there. Lori packed her gear & Mike started organizing his gear. In the evening the Interns finished their joint write up on the Taylor Ranch summer.

Wednesday, August 9

Lori typed the Intern writeup onto the computer. Ray came in with the mail. Jim & Pat Peek flew in with Jack Magee from Moscow. In the afternoon the Interns worked with Jim Peek on a plot above the airstrip. Jim & I trimmed & shod Cricket & Daisy's hind feet, then we worked on shoeing Jim Peek's mule Blossom - with a hind leg tied ^{and hay cubes to eat,} Blossom behaved quite well for shoeing! Jim & Pat Peek put on a barbecue for everyone!

Thursday, August 10

Lori, Dan & Mike worked on 2 range transects / plots with the Peeks - clipping grasses, measuring, counting, and clipping shrubs. I spent the morning digging up thistles in the lower pasture & along the irrigation ditch with a pulaski in a futile attempt to irradidicate the thistles. Jim skinned poles for the addition to the lower pasture pole fence. In the afternoon the Interns cleaned cabin & packed their gear. Jim worked on the pole fence while I printed out the Intern writeup & several copies of our FNALWS Sheep progress report. We had a barbecue for the interns & invited Peeks too. In the evening Pat & Jim & Jim & I listened to the Jess Taylor tape.

Friday, August 11

Everyone came up for breakfast before the plane arrived. We checked the students out of the cabins & got new addresses from them & said good-bye. Ray Arnold flew in to pick up Dan, Mike & Lori and left us a barrel of kerosene. Jim & I went with Jim & Pat Peek to Ram Canyon to measure the last range vegetation plot. Then we went to Mule Basin and cut out a tree that blew down over the trail. When Jim & Jim cut through the log with the crosscut, the "stump" flipped up

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and settled back into its original upright position on the bank - now it looks like the tree was cut off 18' off the ground! Jim & Jim fished in the evening.

Saturday, August 12

We saddled up early & headed to Milette. On the way we stopped to see Jerry Jepson at Cabin Cr and had lunch there. I radiotracked for #8 ewe & we saw her in a group of 5 sheep in lower Brown's Basin. When we arrived at Milette, Jim A. noticed Jim P. horse was going to lose a shoe (she had been reshod at Big Cr 10 days ago). After searching at Jerry's camp for ~~shoeing~~ shoing nails, Jim & Jim decided to return to Cabin Cr. for nails & tools from Jerry. Pat and I unsaddled the rest of the animals at Jerry's camp & set up "camp" in the pole barn since it was raining. Pat & I hiked over to Milette ranch to clip plots on a transect there. After a 45 minute search we found the transect pin - plus Ernest (Hardrock) Elliott's grave. Jim & Jim arrived at 10 pm at Milette with shoeing equipment & news that Jerry J had been bucked off his 17 hand mule this afternoon. After a late dinner we settled in for the night on beds of manties & Jerry's foam pads.

Sunday, August 13

We awoke to Jim's horse whinneying ^{peeks} to his gelding. We packed up camp & Jim A. replaced the shoe on Snip, then we headed to Coxey Cr & Big Cr trail. At Coxey we headed downstream & the Peeks headed upstream to Big Cr. We stopped at Cabin Cr to return the shoeing tools to Jerry & see how he was feeling - not good. We went to Con's camp & had lunch there & visited Con, Bob, & George. As we were unpacking at home 2 volunteer trail crew members arrived from a stint up West Fork Rush Cr & Lookout Mt. We visited ~~it~~ with them about the Sheepeater Indians over lemonade.

Yellowjackets are getting bad on the trail - ^{ground} nests in at least 4 places between Taylor & Cabin Cr - the horses & mules get stung on every trip - probably worse due to the dry summer.

Monday, August 14

Jim mowed the lawn, trimmed grass. Talked to Ed K about coming in tomorrow & gave him a few items to bring in; talked to Mike Schlegel about meeting next Saturday when we are out in McCall; called Brenda Wandle about them coming in Sept 20 Oct 4 to caretake - sounds like a "go." We washed clothes, horse blankets and cinches, plus got caught up on the last

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week of Taylor Book entries. Jim talked to Rob @ Indian Cr about harnessing the team and using them on a rake. We are hoping Rob can come here or Jim go there so Jim can help Rob get started with a team of horses. We invited Galen & Tom, the SCA trail crew over to visit in the evening.

Tuesday, August 15th

Ed Krumpe, Ron Robert ~~cht~~, and John — flew in with Brian Elfers from Moscow. Ed & Ron were in to assist on setting up the new program for the weather station datalogger and downloading stored data. After attempting a variety of hookups on Ed's Zenith & own IBM PC we still couldn't get the data transferred from the storage module to the computer. The radio "air" was bad most of the day so couldn't call Rusty Munn ^{of Campbell Scientific} til 5pm, when he had left the office. Ed will take all the hardware, software and paraphernalia back to Moscow & call Rusty from there. The keyboard display did work fine at the weather station — unlike last week. John was in from the physical plant to take care of insect problems in the cabins. It appears we must have a carpenter ant nest(s) in our cabin — maybe we ~~killed~~ killed out the one in the bathroom wall since we

don't hear them anymore. John applied ^{insecticide} dust in the small holes and a wet powder spray along the outside of the building to kill the ants; also treated for powder boxer beetles in the lab walls. He advised us on Roundup herbicide use for thistles & will send in supplies ^{info} for various insect & herbicide treatments. I fixed a BBQ dinner for everyone at the lab. We ~~then~~ moved to our cabin for a late night discussion of green house effect, overpopulation of the world, and how to solve such problems!

Wednesday, August 16

I woke up for the 3rd morning in a row with an excruciating back ache. I dosed up on aspirin & had coffee with the Moscow group, then returned to bed for the day when they left. Jim spent most of the day on the lower pasture fence. He also shoed Troy. I talked to Rusty Munn about the monitoring station - computer problems. Jim talked to Doc Johnson about coming in early September. Yesterday we received some prints for the scrapbook from F-Stop via Ed Krumpe - addressed to us at Loft with no city, state or zip code! Plus we received 9 copies of each of 12 slides instead of one! We called F-Stop immediately to let them know of the problems & be sure the 180 slides being made into prints will be

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done correctly. George Doval's kids stopped by to send a phone message out while on a packtrip. The mail plane came & went & we got a load of UofI cleaning supplies. We set up our trip out this weekend with Arnolds & hope to hear from Stuart before then. Tim worked on irrigation, changing it and increasing flow to lower pasture, also dug out spur ditch so it would flow out for end. Stuart confirmed intent to fly-in Sat. morning.

Thursday, Aug. 17

Holly is still bed-ridden with a bad back. Did usual irrigation changes, then expanded spur ditch in main pasture beyond the wind sock. Resumed yard watering. Measured Taylor Cabin and drew diagram of exterior measurements as requested by UofI facility planning. Rush Cr. ditch ceased to flow - doubt its worth trying to rectify with dropping Creek levels. Saw 5 sheep in lower Cliff Cr. this afternoon, including #4 (white & silver collar), one ewe in poor health (gaunt), 4 ewes, 1 ram

Friday, Aug. 18

Finished inside measurements of Taylor Cabin. Holly's back is a lot better today. Got prepared to spend a week out & made list of chores/jobs for Stuart. We rode Cricket & Daisy up the switchbacks of Rush to the ^{Cougar Cr.} snag for radio-tracking, located ^{Lobauer +} #2 downstream, #8 upstream, and #4 on the benches. Spotted

^{±8,000'}

a fire this side of Lewis PK. and called it in to the FS via Mary at Arnolds. Did usual irrigation changes and a little yard work. Also visited with Tony at Running Cr. today, we "recapped" our summers. Impressive electrical storm this evening, also some showers off & on. Worked on some business letters before bed - Fazio etc.

Saturday August 19

I (Stuart Markow) flew into the ranch, arriving at about 10:00 AM, only an hour late. Jim + Holly left for the outside world, also only an hour late. Spent the rest of the day trying ~~to get~~ ^{to get} organized mentally (no small task), digging out the irrigation ditch above main pasture, and measuring buildings for the building-drawing project. Golda just lay in the bedroom, sulking, and refused to do any work.

Sunday August 20

I went down to open the irrigation on to the far end of the airstrip. Imagine MY surprise when I found that it already was open, and theres virtually no flow. Tried very hard to call in weather by 9:30, but the radio was tied up with a soap opera. After 20 minutes of such dribble there was fierce competition for the air, and I was losing badly.

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It was nearly an hour before I was able to get through. Needed to calm my nerves so I went out and changed the irrigation, finished the channel above the main pasture, and went back to drawing buildings. Fly-wiped all the horses and half of the mules - half of each, that is. It seems that I would get half-done, then they would decide that that was enough, and run off.

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Monday August 21

Up at dawn, whacking out thistles, desperately trying to finish the job before the bumblebees converge in a deadly swarm. With each swing of the pulaski I tear out big chunks of thistle - and liberate millions of seeds for next year's crop. Spent most of the rest of the day wondering when the smoke jumpers would arrive and depart. Finally did at about 3:30 and 6:00. Went back to work on building-drawing. I'm beginning to realize that this is a much bigger job than I thought. If I don't get going on this, it could take until Thanksgiving, and I was hoping to finish by October. Found a big patch of knapweed in the lower pasture. Pulled it out and burned it.

Tuesday August 22

Routine chores - thistle-wacking, irrigation changing, weather reporting. More building measuring and drawing. Finally came up with an easy way to deal with this. The directions

define a building as a structure with a roof. So, if I just remove ...

Horses and mules were standing down by the little tack shed looking miserable, so I really closed them up with fly-wipe.

Even the mules were totally cooperative, except for Daisy. Then, when she realized that the others were getting something that she wasn't she came back and offered no further resistance.

Got hit by an awesome storm, reminiscent of last year's in which Jim and Ray Guse were hit en route to Vine Ranch.

Wednesday August 23

Another sunrise session of thistle whacking. Came back at about 8:00 to take and call in the weather.

Got back just in time - Jim called to make sure ^{that} everything's going ok.

Rained most of the morning so I didn't bother to change the irrigation. More building drawing.

Thursday August 24

Awoke to find three horses/mules had broken inside the yard. How they did it I'll never know because all the gates were secure, but the fact that only three of them were inside suggests a conspiracy. They managed to break one of the bridges, so there's another job to keep me busy. Other chores - irrigation, more thistles, unplugged two sprinklers,

more building drawing.

Friday August 25

In just three days, all those thistle seeds have developed into full-grown, adult thistles. I found them hiding down at the far end of the pasture. Of course, it's difficult for 6000 mature thistle plants to hide, so I managed to spot them just before it got too dark to see. Maybe if I ignore them they'll go away. This morning, Lady, Daisy and Ben broke into the lab yard, but this time they left evidence - fence poles knocked out of place on the back side of the yard. To get to the back side also required some unauthorized travel, so the mystery is still not completely solved. In any case, after I evicted them, the whole bunch set out across the creek for the lower pasture. Brought them back and gave everyone another layer of fly-wipe. Some of the mules still don't seem comfortable with it, but the horses love it. Ben can't get enough of it - keeps coming over, sniffing the can and knocking it over. Finished measuring all buildings, changed irrigation and sprinklers, and started peeling poles.

Saturday August 26

Usual chores, - irrigation, sprinklers, weather, and kicking mules out of the yard. Put finishing touches on building drawings, finished peeling poles. Given up

on thistles. Sunday, August 27

Holly and I returned mid-morning. Visited with Stuart while John flew hay cubes from Big Cr. to Cabin Cr. Got a bit stormy by the time John arrived - bet they had a rough flight out! Put things away rest of day. Holly's back is better after seeing Doc Johnson in Boise. He fixed her up with medication.

Monday, August 28

Holly began working on the annual report. I continued working on the building measurements - photographing each building from different angles. Around noon a plane came in from McCall (Stove was pilot). On board was Mike Schlegel and Stacey Gebhardt (F&G). We discussed the sheep study a bit and then I flew with them, giving them a run down on sheep movements in the Big Cottonwood Cr. drainage. Holly had lunch made when we returned, and they all left shortly after lunch. Bob Hadley stopped by enroute to Goat Basin. We visited about ~~for~~ realestate prospects for a couple hours.

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Tuesday, August 29

Received a call from Bob DiGrazia (FNAWS) this morning. He needed to know a dollar amount for additional funding on our study. Finished all details of request from facility planning on building measurements and condition evaluation; put that "voluminous document" in an envelope and filed it away in the mail bag! Talked to Mike S. about sheep study details. Worked on special request letter to Bob DiGrazia and FNAWS. Used 5 head to pack a couple loads of firewood from Rush Cr. Holly stayed up until midnight working on letter (mini proposal) to FNAWS.

Wednesday, August 30

It's a good thing we were at the end of the mail run today - We started working on the FNAWS letter at 7 AM and finished printing it out at 2:30, shortly before Ray arrived for the mail. I worked on the computer the rest of the afternoon consolidating files and deleting duplicate files. Travis & Johnny of Con's group stopped in to visit on their way to Goat Cr. Camp.

Thursday, Aug. 31

I worked on the annual report this morning - going thru the Taylor Book for activities of the year. Jim cut up 2 trees at the lower pasture for crossbucks.

In the afternoon we harnessed Rocky & Top then brought 3 propane tanks to the house and one load of firewood on the stoneboat. We used Rocky in the lower pasture to skid crossbuck logs to the new fence span. ^{saw a rattlesnake at} Con, Bob, ^{the} site. Travis, Johnny & a sheep hunter Joe Osage stopped to visit. The jumpers of our horse herd - Rocky, Cricket, Daisy, Lady, plus Topper - have escaped to the lower pasture three times in the last 2 days; we haven't figured out how, but think they jump 2 fences after crossing the bridge over Big Cr. Larry ~~Tannick~~, Jeff Day and Paul Summerfield all F&G C.O.s flew in in the evening.

Friday, September 1

Doc Johnson & son Dan Johnson & friend Claude Barrick flew in this morning to visit. Maurice Hornacker & Leslie Ratti flew in shortly afterward to visit for an hour & tour the buildings. Larry, Jeff & Paul hiked downstream to check on sheep hunters & fishermen. Jim & I worked on irrigation, fenced off the wandering mules, and I worked on the annual report a few hours. Randy Webb & friend Larry - sheephunter stopped by on horseback on their way to Soldier Bar. Jerry Jepson & Mark McDonald came down from Cabin Cr to see if Jim could go with them a few days on Jerry's sheep hunt. Doc brought in hamburgers, buns & peaches so we - Jerry me, Doc, Dan, Claude, Jeff, Larry, Paul, Jerry, & Mark had a barbecue. Called Ed Krumpe about datalogger, herbicide,

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Saturday September 2

Doc, Dan, & Claude were ready to fly out at 8 am, but the plane didn't come until 2:30. Jim accompanied Jerry on his sheep hunt up Cliff Cr with Mark & Jeff. I was to go along to bring the horses back, but waited for Doc's plane. Dave & Tina Aldrich & friend Martin hiked down from Cabin Cr - where Dave is restoring a building for the Forest Service - to visit & say hi. After watermelon & cookies with them I rode Troy up Cliff Cr, then returned to the ranch with the string of horses & mules of Jerry's ours. Changed irrigations this morning

Sunday, September 3

I worked on the annual report before we started getting visitors. Jim, Jerry & Mark returned at noon. Then Rick (Jerry's guide from Cabin Cr & a friend from last winter) came by to say hi with 2 fishermen/bear hunters. Next Lon, Travis, Johnny & ^{sheep} Prenter Joe stopped by with their ram from Pioneer Cr. Rick left & Jerry - a new guide for the Flying B stopped by to talk to Jerry Jepson. Jeff got back from Cliff/Cougar Cr; Jerry & Mark left; and Larry & Paul returned from Cabin Cr. We have had a very busy weekend!

Monday, September 4

Jim took Fish & Game Conservation Officers Larry, Jeff and Paul to Soldier Bar & Eagan Point on horseback. A sheephunter gave Larry & Paul some sheep meat which we had for dinner. I sorted and put away slides from the scrapbook prints and moved the rocks of the Rush Cr irrigation diversion & black plastic so water could pass through the dam. Sheephunters Larry & Randy stopped by & camped at Cliff Cr. Usual irrigation chores.

Tuesday, September 5

Larry & Paul flew out with Jack Magee. Jerry & Mark stopped by on their ^{way} home from sheep hunting. Jeff helped Jim finish the span of rail fence in the lower pasture. I canned peaches and made cinnamon rolls. Expanded irrigation ditches, watered lawns.

Wednesday, September 6

I wrote up the monthly weather report. Called Jim Faris about the National Guard trip & our summer pay. Talked to Sgt. Paul Danner of Nat Guard about their trip this weekend. Jim called Ted Halton. We did laundry in the morning. I replaced belts on the Hoover washing machine. ~~Ray Red~~

flew the mail in at 2:00. Jim, Jeff, & I rode to Soldier Bar to check sheep hunters & visited with the sheephunter, Mike Carlson who gave Larry & Paul the sheep meat.

Thursday, Sept 7

I spent the morning (most of it) clearing away elderberry brush where the Guard plans to locate the new building. Holly worked on Univ laundry and canned peaches. Visited with a state inspector who plans to come in next Thursday to inspect the premises for safety standards! After helping me with the brush job Jeff hiked up the bottom of Rush Cr... in the creek, looking for sheep heads. Wrote business and personal letters. Repaired clogs to cookhouse water-heater - debris in main line at water heater connection. Mike Dorris flew in at 7:00 pm to take out Jeff Day. Holly sent Fazio a letter

Friday, Sept 8

Saddled up 4 mules and finished packing firewood from Rush Cr., struggled a bit with "barn sour behavior..." but got the job done. Worked on personal matters and mail. Karen Werbelow from FINAW called asking questions about our additional funding request. She said we need to fill out another GIA application. Usual irrigation changes and sprinkler moving. Fly wiped the horses & mules; put salve on Ben's wounds from Jerry J.'s horse biting him.

Saturday, September 9

We got ready for the National Guard arriving - swept out buildings, checked gas lines & hot water heaters, put matches & D-con in Duplex. The mice are just starting to move into the Duplex; and the woodrats into the corral feed shed. We put Yap in both buildings hoping he would take care of the problem, but we will probably have to resort to other means. I made 3 loaves of pumpkin bread for the Nat.Gd. visit. They arrived at 1:00 pm: Sjt Paul Danner, Col. Brown, Col. Bill + 3. They flagged the building site above the windsock and surveyed ground elevations for planning the foundation. Another crew worked at Cabin Cr. The Guard had coffee & pumpkin bread with us when they were done, then flew to Cabin Cr for the night. We discussed winter waterline strategies again with the Guard engineers.

Jim cleaned out the storage shed in anticipation of this year's grain storage. Ordered another ton of hay cubes from Arnolds for ourselves. Jim made a set of sling loops for Top's saddle and fixed his saddle up so he can use his britches with Daisy.

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Sunday, September 10

Took the day off and went fishing upstream. Fishing was only fair by Big Creek standards. Worked our young mules at various gates on the airstrip. Both are doing well at a canter now. Observed a couple back packs leaning against the lab gate and at dark two sheep hunters came by - Dick Trudeau and Bob? from Boise. Visited with them until well after dark. Dick hunted goats & sheep back here in '74 and met and visited with Arlow Lewis.

Monday, Sept. 11

Received call from Kerry Murphy this morning, a nice surprise. Made call out for Dick & Bob. Spent all morning on annual report details. Horses/mules broke into yard and broke through the bridge by duplex. Repaired the bridge but need to totally rebuild it with new materials. Lots of visitors this P.M. Ralph & Todd with FS stopped by with 2 Llamas in tow / packed. Our herd was extremely curious of the strange beasts! Travis & Johnny stopped by to chat and use the radio. Visiting pretty well consumed the afternoon.

Tuesday, Sept. 12

Woke up early and rode up Rush Ridge with Jerry Jeppson who was looking for a ram. Jerry and I ended up going on a "wild ram chase" down into the Lewis FK. Holly babysat the stock and looked for ewes/lambs.

Jerry and I didn't make it back to TR until 11:30 pm. - what an endurance test! Holly headed home late afternoon.

Ray Arnold stopped by with a piece of lung tissue sample that Wes Cornwell saved for us. If Jerry J. would have been successful we would have collected complete organ samples for disease tests.

Wednesday, Sept. 13

Worked on annual report this morning. Sent letters to Range & Wildlife Dept. heads so they could process interns grades. Holly worked on other business mail. Ray flew in at noon with the mail. Had to ride back up on Rush Ridge to find Troy's bridle that got lost yesterday, did find it - trampled a bit!

Thursday, Sept. 14

This morning John Reed flew in Bill Messer, the state industrial safety inspector. We went around to each building and Bill M. listed the safety improvements that need to be done - mostly new fire extinguishers, new storage pipe in duplex, and an all season fire

suppression system (water pump). We also need to revent the cookhouse refrigerators. The inspection took 2½ hours. Pulled the black plastic from Rush Cr. dam, dried it out and put away. Put out rat poison in corral shed and at lab. Received Roundup and sprayer in the mail today but not the computer program we expected from Ed K. Expanded irrigation ditches, watered lawns

Friday September 15

Jim rode up to Cabin Cr to find Lady & Ben and bring them home. He fixed the fence around the monitoring station - the horses mashed the fence down to eat grass inside the enclosure. Worked on the annual report until Cons guide Bob stopped by on his way up Pioneer Cr. Jim called Ed K's office & left a message - "Has the monitoring station storage module been sent back?" I talked to Manti at FNAWS about our bighorn sheep grant. I organized & filed away TR paperwork from last spring. Spent the afternoon & evening entering data on the computer for my thesis. Changed irrigations & sprinklers. Put out more rat (woodrat) poison and read the brochure on Roundup herbicide.

Saturday Sept. 16

Caught the horses/mules over on the Rush Cr. sagebrush flat. Pulled shoes on Cricket and Daisey, trimmed their hooves and Lady too. Will attempt leaving the young mules unshod as they seem very tough with the dry conditions. Holly also trimmed mule manes. Finished written draft of the annual report. Holly improved on main pasture irrigation and started line to orchard again. Trimmed bushes in front of duplex and changed propane tank there. Holly did some refiguring on water box winterization. Humid and windy this afternoon.

Sunday Sept. 17

Got up early this morning and went hunting in the burn up Cliff Cr. Bugled in a young ash covered bull but opted not to shoot the little rascal as a larger bull was nearby. Got rained out in the afternoon so rode back home. It was good to "get out" even if the weather was nasty.

Monday Sept. 18

Spent the entire day, and evening, getting the annual report finalized and in the mail bag^(Copies to Hancke, Bottger, Fazio). Ended up doing a lot of editing once on the computer.

Con, a hunter "Dewey", Dan Browning, and Bob stopped in with a lung sample

from a rain. Served cake & coffee and visited awhile. I packed my gear for the Alaska trip. Began some house cleaning and other details (lists for Bob & Vi) too. Horses/mules wandered off up Rush Cr. this evening. Rained .29" yesterday and last night, we sure needed it to settle the dust on the airstrip... which we'll harrow and reseed in Oct.

Tuesday Sept. 19

Spent the majority of the day getting ready for the Alaska trip. Still have a woodrat downstairs, Jap spent all night down there to no avail. Increased rat poison down under, also put out poison upstairs in lab. I'm suspect of the stuff's effectiveness as the corral shed rat has eaten 6 packets! Did a large quantity of laundry today. Horses/mules escaping the place daily, usually end up outside lower pasture after they finish wandering. Shot at a woodrat late evening, but think I missed.

Weds Sept 20

Bob & Vi arrived at Taylor about 11:00 AM. Got our things packed up to Taylor cabin and put groceries away. Had lunch. In afternoon went down and fixed up brush barrier so horses wouldn't cross over - looked around in shop for some ABS cement found just

enough in the bottom of plastic
fitting box to do what we need
to do at water box - was down
in basement looking about back lot
also front of Taylor cabin where
steps have pulled away and left
a hole that they maybe getting in

Thurs Sept 21

Took post, wire & tools across
the creek to Wenthe station and
strung bank wire across the top and
drove in a couple posts. Found a couple
old poles to brace corners.

Took PBS pipe & fitting up to water
box. Got some fir poles and built
railing around porch at the top.
Also cleaned out down fir that
was laying in the trail on ~~East~~
~~front~~ side of fence.
Nice day and time to quit for the
day

Friday Sept 22

Odd job day got out the cement
from shop mixed up and patched set
holes in foundation on west side of
labor. Hauled up the irrigating water
Vi washed clothes Vi washed
burnt brush pile by Ansons getting
pretty dry around had hose ready if
we needed it.

SUN Sept 24

Woke up early and got dressed quickly. Went down to the kitchen to help my mom prepare breakfast. We had bacon, eggs, and toast. After breakfast, we went outside to play. We played soccer for a while, then I went to the park to play. I played with some other kids and we had fun. When we were done playing, we went back home. My mom was cooking dinner. She made spaghetti and meat sauce. It was delicious! After dinner, we watched TV. We watched a movie about a boy who became a superhero. It was really cool. After the movie, we went to bed.

SAT Sept 23

Took a walk around the town after school. We saw many people walking their dogs. Some were on leashes, others were not. We also saw some birds flying overhead. A man was riding a bicycle. He was wearing a helmet and a backpack. He was smiling. We stopped at a red light and waited for it to turn green. When it did, we continued walking. We saw a park nearby. There were many trees and flowers. We sat on a bench and ate our lunch. It was a sandwich with lettuce, cheese, and meat. We also had some fruit. After lunch, we walked back home. It was a nice day.

Monday Sept 25

Worked at Water Box all day
 Cut new drain pipe in after breaking
 through the cement in bottom of tank
 Turned water on but leaked pretty bad
 between the logs Mud between washed out
 but will take some rags and try to
 stop leak tomorrow. Will not come down
 until we get leak stopped - Made
 New screen longer to cover the broken pipe
 took up cement and cemented around elbow
 of new drain - Covered old drain ^{Hole} with
 metal inside and out also put insulation
 in between. brother worm dug
 lots of roots to dig out where new drain

ll

Tues Sept 26

Back to the water box And
 water shut out over night took
 A lot of rags and out in shop
 trying to plug the holes between
 logs drove in with screwdriver
 and hammer helped a lot - dug
 out dirt from side of ~~box~~ box
 trying to find more holes
 hopefully dirt will settle in
 around rags and seal off.
 Out of Sacrete cement mix
 Went down to Brq Cr and
 picked out some small rocks
 and sand to mix up cement

For the front of Taylor cabin
 Mixed it fairly rich to compensate
 for dirt in sand - Got the whole
 front patched up
 Started water heater back up having
 had it shot off well working
 at water box

Wednesday Sept 27

An eventful day worked on
 lower garden fence in AM - ONE
 OF DON'S PACKERS KILLED A LITTLE SNAKE
 ON TRAIL IN MORNING HORSES SPOKED
 BUT CAUGHT THEM - Drove over to Ranch
 AND LEFT THREE MILES HERE WHILE
 GOING TO CABIN CREEK AFTER FEED AND
 FRESH SADDLE HORSE - MAIL PLANE
 ARRIVED ABOUT 12:30 DAY WAS LATE
 JUST LONG ENOUGH TO UNLOAD MAIL &
 PROVISIONS - TWIN - CAME DOWN & GOT HERE
 AT NOON HAD LUNCH WITH US AND
 STAYED & VISITED ABOUT 2 HRS - JUPITER
 PLANE CAME 1/4 OVER FIRE & CIRCLED
 SEVERAL TIMES DIDN'T SEE ANY JUPITERS
 JUMP BUT THOUGHT THEY DID WILL KNOW
 WHEN THEY DROVE IN HE AD SPOTTED FIRE
 THE NIGHT BEFORE AND A PLANE CAME
 & CIRCLED, IT THIS MORNING LOCATED ABOUT
 $\frac{3}{4}$ MILE EAST OF CABIN UP ON HILL IN
 LONG TIMBER - SEEN 3 SHEEP BELOW
 2ND BENCH BE WASHED AWAY - MADE
 TRIP BACK TO WATER BOX & TURNED WATER
 BOX ON PISTOL

Sept 28

Worked on garden fence in the morning hope satisfactory. Another trip to water box believe we need a few tubes of caulk to seal up the cracks to stop the leaking. Stop quite a bit of time irrigation trying to pick up the dry spots. Keep sprinklers going on the yard and up between Noplex & Aclows no sign of jumpers yet quite a little smoke in AM. Helicopter flew over with water bucket yesterday didn't stop at this fire.

Sept 29 Friday

Had call from Belknap (FS) to see if OK to land here to pickup jumpers from Eric. They came in with Helicopter at 2:00 PM. Then went up and brought down the jumpers equipment and left here for to go out on planes - Jumpers got here about 5:30 - Give them coffee & Cookies - Two planes got here about 6:30 to pick them up. Oh yes guess what we got a PACR RAT in trap down by corral in grain shed I ~~ended~~ it with a piece of iron.

Rod - then dug a hole and buried it and put rocks over it water went off up by the bank went up to water box and cleaned out the lenses in the Inlet pulled water off airstrip when we found out the planes were coming in cut up more kindling had more company in evening the one man he was here a couple weeks ago (sheep hunter armed at Soldierbank) had coffee cookies) - He works for Int Revenue. Here irrigating in main pasture. The named the fire Soldier Bank It was located on south side of Big Creek across from Bent or up the hill quite away. Some hunter had a little fire up there about two weeks ago when the wind came up the first of the week it got to going again they said whoever started it must of thought they had it out they could see where they had mound it up It was about the size of this yard & cabin.

Sept 30 Sat

Pretty nice rain in AM and off & on thru the day. Irrigating on Airstrip & main pasture think it is all going to get wet know from

the first pictures I took
at 1-815 in the morning
by the window down from the corner
had a nice view of the city.
Hand painted all day - A good day
but big pile over by wind sock
a place with less noise
A little later - Had a
dry place to get in & started
Doris' older brother came
dug here as no one would be at
lunch or eat dinner here
so went ahead and had
and then tied down by truck
so needed them up by early and
and horses tipped over when
the horses skid so
had to feed in the late
had to ride up to the top
of the hill but hard so

Auditing

Again. There's a lot more than just this
in the city. It's a good day
to go - Sure taking his of office
up to cabin or with two elk they
had a nice view - They also went
by on the way down from the corner
is there - ~~(Schoen)~~ few steps
old friend around where the cabin
had painted all the houses like
the other a mixed up element
old friend a friend from
the first pictures I took

Oct 2-89 Monday

Rainy Day Drizzled most of the day didn't accumulate much Rather cool & breezy - Give the shrub at edge of yard a haircut - Worked around in the house - Snow on the roof tops - Rain help the irrigating - Doctored Goldie's Foot I think the way she acts it might kinda burn

Oct 3 Tuesday

Few odd jobs rolled up houses put a few things away Irrigating Walked up to water boxes and cleaned out the leaves about Need to every other day or more cookies - Kinda hung around Laddi Tim or Holly called before rather quiet day overcast and no rain but cool all day - Took like down Alastair and up lush creek away

Oct 4 Wednesday

Spent the morning shopping in Boise. Flew in from Cascade shortly after noon. Bob & Vi flew out. As usual, they had the place in super shape. Spent the afternoon putting gear away from our Alaskan trip. Started going through 3 weeks worth of mail... sorting out bills to be paid! Nice to be back with "fall in the air."



