

FL
KB

Locality Elmer Date June 17, 1958
Personnel Wooles & Welander Weather Normal - 87.5°F
Water conditions Normal

Radiation level(s) _____ Location APFL
Operations: Box 1
Date: 1958-2/12/58-7/31/58

Had repairs made on windows on windward side of lab. Also door changed so as to form a wind sweep. Makes it tougher for the flies and we enjoy the breeze thru the lab.

The large drying oven was moved from the counting room into the main room.

Worked for about an hour on the γ spect. It is working like new now. The trouble was found in the micro-switch within the timer and motor. The micro switch within the scaler. Also repaired timing register in the super scaler. We are now making arrangements for a tube checker which we will use to check all tubes in γ spect. Tomorrow we will have a γ spect. that is like a new one.

The claw hall is really in a bad way. It seems they have a tremendous surplus of pipes now that Palumbo has departed. We will do our best to remedy this situation.

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Locality Elmer Date June 18, 1955
Personnel Wechs & Wilsen Weather Hot - no clouds
Water conditions Normal

Radiation level(s) Linda at 1500, off Runit

Operations:
Laid on trip for plankton & fish tomorrow.
Called J-3 phone 62225 & set up the M-Boat.
and called Mess Hall 6-2736 for lunches.
Don has spectrometer running again smoothly.
Painted more boxes. Worked fish from Runit.
Set up gear for the trip tomorrow.

Frank and/or Ralph - You may need more screens,
100 mesh/inch, for the Silverstein trip if you need
a different screen for each station or haul.

Samples take all day to count, so
we move slowly until tomorrow's plankton
comes in.
No word on the incoming personnel!

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Locality Elmer Date June 19, 1958
Personnel Wicks & Ulandis Weather Normal
Water conditions Normal

Radiation level(s) _____

Operations:
Plankton - fishing trip around Lagooon.
Because of yesterday's shot at Yonase we obtained
pre-entry blank & filled some at Red-Sale with
the help of Henry Schlachter. Left by M-boat at
0800 with Ed Carroll, Fred DePalma as assistants.
P-37 (Plankton haul 37) off Glenn near Wide
Passage at 0925 to 0945 with $\frac{1}{2}$ meter net +
72' of line with M-boat drifting. Placed in
graduate cylinder with some alcohol and the plankton
all rose & compacted at top of cylinder, so
measured volume of 20 ml ~~at~~ at the surface.
Placed all plankton & liquid from graduate in
15 ml P.E. bottle.
P-38 off LeRoy about 1 mile 1048 - 1105 - 15 ml
crossed fallout pattern from Lindle immediately north
of LeRoy, the surface water ran to 14 mph/hr.
The pattern appeared to be about 100 yards
across from 2 mph/hr to 14 mph/hr to 2 mph/hr.
~~P-39~~ off Bell 1230 to 1300 - lost graduate
cylinder & plankton on beach.
P-39 - 2 ml try - 1305 - 1320 off Bell
P-40 - off Yonase + Ran into Lindle Fall out
again - surface water up to 34 mph/hr. 1445-1505.
Fallout pattern here roughly a quarter of a mile
across.

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Locality Elmer Date June 19, 1958 Continued
Personnel Weeks & Welander Weather Normal
Water conditions Normal

Radiation level(s)

Operations:

Arrived Elmer about 1630. Found
most of me ~~the~~ contaminated with salt spray
to about 40 m²/hr on hands & feet. Plankton
net ran 5000 m²/hr at cod end.

Took showers at decontamination station.
Washed clothes there also. Placed plankton net in
large concrete aquaria.

Due to a revised spot ~~date~~ date
Pinnac^{SMT} (unclass.) will now go on the
25 August. This spot will delay the Silverstein
trip until about 1 Sept.

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Locality ELMER Date 21 June 1958
Personnel WELANDER, CHANTIL, Weather NORMAL
CHAMPION & WEEKS Water conditions NORMAL

Radiation level(s)

Operations:

Bill and Jim arrived this morning at 10:00 hours. They are rooming with Art and I in Bks 460. She got them squared away at the pass office and all are set for lots of work.

Cal Gibson (7.3) called this morning concerning a problem at Johnston Is. Sand Is. ^{located} just to the NE of Johnston Is. is a bird sanctuary with a population of about 10,000 birds. The two shots scheduled for that area will definitely have harmful effects. Cal Gibson wanted to know if we had any idea as to how to protect them. They cannot use smoke because of optical equipment at Johnston Is. Off hand we could not think of any solution.

She are continuing to count and process samples from previous field trays.

She reserved a room for Dean Burch with Dr Donaldson at Bks 128. She anticipates their arrival next Thursday, 26 June.

all

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Locality ELMER Date 20 June 1958
Personnel WELANDER & WEEKS Weather NORMAL
Water conditions NORMAL

Radiation level(s)

Operations:

FILTERED & DRIED PLANKTON SAMPLES FROM
19 JUNE TRIP. (WEIGHT ALSO) CONTINUED COUNTING
OF U-1 & U-2 SAMPLES LEFT BY LOWMAN.
VERY LOW ACTIVITY IN THESE SAMPLES. PERIODIC
CHECK WITH STANDARDS SHOW THAT
SPECT. IS FUNCTIONING PERFECT. NO DRIFTING
AND EVERYTHING ELSE WORKING A-1.
AT 1500 HOURS WELANDER, SCHLACKS, CARL (?)
& WEEKS TOOK OFF IN H-19 FOR BELLE.
SCHLACKS TOOK W/F READINGS - WEEKS & WELANDER
HUNTED FOR PALUMBO'S SCAEVOLA THAT
WAS PROTECTED WITH POLY-BAGS. BOTH BAGS
WERE OPEN AT END SCAM FROM OVER PRESSURE.
ONE BAG BADLY MELTED, THE OTHER IN FAIR
CONDITION. W/F READING AT BUSH WAS 450 M/F.
WE ALSO OBTAINED TWO EXPOSED SCAEVOLA
BRANCHES FROM NEARBY BUSH. THE EXPOSED
BRANCHES ARE BEING DRIED TOGETHER. THE
TWO PROTECTED BRANCHES ARE BEING PREPARED
SEPARATELY. BELLE WAS BURNED QUITE BADLY
BUT VEGETATION WILL PROBABLY RETURN. JANET
IS IN REAL SAD SHAPE - no vegetation

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