

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 07/6/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_50	50	(10-07-2004 / 17-09-2004)
JL_(1992 on)_51	51	(17-09-04 / 24-10-04)
JL_(1992 on)_52	52	(14-10-04 / 26-11-04)
JL_(1992 on)_53	53	(13-12-04 / 21-01-05)
JL_(1992 on)_54	54	(29-01-05 / 17-02-06)
JL_(1992 on)_	(04-11-2004 / 20-03-2005) <u>WNP Only **</u>	
JL_(1992 on)_	(20-03-05 / 02/03/06) <u>WNP, AFB, etc. Only</u>	
JL_(1992 on)_	(05-03-06 / 16-06-06) <u>SRNP, WNP, etc. Only</u>	
JL_(1992 on)_	(18-06-06 / 08-10-06) <u>WNP Only</u>	
JL_(1992 on)_	(15-10-2006 / 08-03-2009) <u>WNP, etc. Only</u>	
JL_(1992 on)_55	55	(18-02-2006 / 15-02-2007)
JL_(1992 on)_56	56	(19-02-07 / 31-08-08)
JL_(1992 on)_57	57	(31-08-08 / 09-11-08)
JL_(1992 on)_58	58	(20-11-08 / 16-01-09)
JL_(1992 on)_59	59	(16-01-09 / 21-05-09)
JL_(1992 on)_60	60	(15-05-09 / 05-01-10)
JL_(1992 on)_61	61	(12-01-10 / 08-11-10)
JL_(1992 on)_62	62	(14-09-10 / 17-09-11)

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 07/6/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_63	63	(05-10-2011 / 11-09-2012)
JL_(1992 on)_64	64	(12-09-12 / 22-09-13)
JL_(1992 on)_65	65	(02-11-2013 / Current)

THE END (AS AT 07/06/2014)

The total number of field notebooks as at 07/6/2014 is 1 (1969-70), plus 21 (1970-84), plus 66 (1992 on), equals 88 work notebooks, plus 5 un-numbered personal notebooks (2004-2009), equals 93.

* It seems unlikely that JL did not create field notes between Oct 1984 and Nov 1992 (an eight-year gap in this series). Perhaps there are notebooks that have yet to be rediscovered (as at 07/6/2014) or perhaps JL's field notes during this period were incorporated at the time into the relevant project files (JL has a vague recollection of doing this at some stage).

** These five un-numbered notebooks (Nov 2004 to March 2009) were created in parallel (i.e. overlap chronologically) with the numbered series and were principally of personal rather than work field activities (bush walks). They have therefore not been included in the numbered series.

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1969-70)_1	'1969-70'	(Nov 1970 / Jan 1970)
JL_(1970-84)_1	1970-71	(6-12-70 / 17-2-71)
JL_(1970-84)_2	1971	(08-03-71 / 21/01/72)
JL_(1970-84)_3	1972/73	(24-01-72 / 15-02-73)
JL_(1970-84)_4	1973	(05-03-73 / 15-11-73)
JL_(1970-84)_5	1973-74	(12-04-73 / 11-06-74)
JL_(1970-84)_6	1973-74	(03-12-73 / 28-03-74)
JL_(1970-84)_7	1974-76	(03-05-74 / 24-10-75)
JL_(1970-84)_8	1974	(26-05-74 / 18-11-74)
JL_(1970-84)_9	1974-76	(28-08-74 / 02-10-76)
JL_(1970-84)_10	1974-76	(21-12-74 / 25-01-75)
JL_(1970-84)_11	1976	(25-10-76 / 27-11-76)
JL_(1970-84)_12	1977-78	(16-10-77 / 21-03-78)
JL_(1970-84)_13	1977-78	(24-10-77 / 19-04-78)
JL_(1970-84)_14	Oct 78-Apr 79	(06-10-78 / 14-04-79)
JL_(1970-84)_15	1979 (Apr-Sep)	(16-04-79 / 19-09-79)
JL_(1970-84)_16	1979-80	(26-09-79 / 23-05-80)
JL_(1970-84)_17	1980	(14-05-80 / 07-11-80)

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 07/6/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1970-84)_17A	1980-81	(01-12-1980 / 15-11-1981)
JL_(1970-84)_18	1982-83	(13-03-82 / 18-03-83)
JL_(1970-84)_19	1984	(15-03-84 / 16-03-84)
JL_(1970-84)_20	1984	(20-09-1984 / 10-10-1984)*
JL_(1992 on)_1	1	(03-11-1992 / 03-08-1993)*
JL_(1992 on)_2	2	(04-08-93 / 18-09-93)
JL_(1992 on)_3	3	(18-09-93 / 26-10-93)
JL_(1992 on)_4	4	(27-10-93 / Dec-93)
JL_(1992 on)_5	5	(14-12-93 / 22-12-93)
JL_(1992 on)_6	6	(23-12-93 / 06-01-94)
JL_(1992 on)_7	7	(18-01-94 / 18-03-94)
JL_(1992 on)_8	8	(21-05-94 / 08-07-94)
JL_(1992 on)_9	9	(03-07-94 / 02-09-94)
JL_(1992 on)_10	10	(02-09-94 / 17-11-94)
JL_(1992 on)_11	11	(22-11-94 / 9-03-95)
JL_(1992 on)_12	12	(15-03-95 / 01-04-95)
JL_(1992 on)_13	13	(02-04-95 / 07-04-95)
JL_(1992 on)_14	14	(07-04-95 / 29-04-95)

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(Revised Index of 07/6/2014)

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JL_(1992 on)_15	15	(29-04-1995 / 17-05-1995)
JL_(1992 on)_16	16	(18-05-95 / 18-12-95)
JL_(1992 on)_16A	16A	(08-11-95 / 11-11-95)
JL_(1992 on)_17	17	(21-12-95 / 19-06-96)
JL_(1992 on)_18	18	(19-06-96 / 03-08-96)
JL_(1992 on)_19	19	(23-09-96 / 17-03-97)
JL_(1992 on)_20	20	(18-03-97 / 15-04-97)
JL_(1992 on)_21	21	(16-04-97 / 12-06-97)
JL_(1992 on)_22	22	(12-06-97 / 03-10-97)
JL_(1992 on)_23	23	(Oct 97 / Dec 97)
JL_(1992 on)_24	24	(20-12-97 / 10-01-98)
JL_(1992 on)_25	25	(10-01-98 / 22-01-98)
JL_(1992 on)_26	26	(22-01-98 / 13-02-98)
JL_(1992 on)_27	27	(14 -02-98 / 21-03-98)
JL_(1992 on)_28	28	(30-03-98 / 20-05-98)
JL_(1992 on)_29	29	(23-05-98 / 28-08-98)
JL_(1992 on)_30	30	(15-09-98 / 24-12-98)
JL_(1992 on)_31	31	(24-12-98 / 28-01-99)

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(Revised Index of 07/6/2014)

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JL_(1992 on)_32	32	(28-01-1999 / 29-06-1999)
JL_(1992 on)_33	33	(03-07-99 / 25-11-99)
JL_(1992 on)_34	34	(25-11-99 / 10-03-2000)
JL_(1992 on)_35	35	(29-03-00 / 04-09-00)
JL_(1992 on)_36	36	(05-09-00 / 19-01-01)
JL_(1992 on)_37	37	(20-01-01 / 02-03-01)
JL_(1992 on)_38	38	(06-03-01 / 15-04-02)
JL_(1992 on)_39	39	(21-04-02 / 02-07-02)
JL_(1992 on)_40	40	(12-12-02 / 04-03-03)
JL_(1992 on)_41	41	(05-03-03 / 25-04-03)
JL_(1992 on)_42	42	(03-05-03 / 11-10-03)
JL_(1992 on)_43	43	(25-10-03 / 30-11-03)
JL_(1992 on)_44	44	(30-11-03 / 27-12-03)
JL_(1992 on)_45	45	(28-12-03 / 31-01-04)
JL_(1992 on)_46	46	(31-01-04 / 27-02-04)
JL_(1992 on)_47	47	(29-02-04 / 13-03-04)
JL_(1992 on)_48	48	(14-03-04 / 10-04-04)
JL_(1992 on)_49	49	(12-04-04 / 10-07-04)

"*Rite in the Rain*"
ALL-WEATHER WRITING PAPER



SHIRT POCKET

All-Weather Notebook
No. 135

Nº 53

Dec 04 → Jan 05

3" x 5" - 50 Horizontal line sheets

(1)

Mon 13 Dec 2004

Wandering Tattler by
boat.

0828 hrs - Start at
Vase Estuary floodgates,
head ↓.

+ 0.16 m at 0830 hrs
(d/s)

2nd gate from N end to
road gate by a plank
of wood approx 15 cm
at bottom edge.

"Rite in the Rain".

(2)

Common Snapper - 1

White Snapper - 8

Yb Sparrow - 1

Darker finch - 1

Wf Heron - 2

Green heron - 1

LP Cuckoo - 1

LB Cuckoo - 1

Water near mouth is black
from decaying Ruppia,
and with the air smells
strongly of H_2S - enough
to make me feel sick.

Worst smell is in
front of volcanic platform
on E beach

(3)

0903 hrs

Ray Richard Pettitt

Ray Froese ^{Lt} Dept Bsn
in Peter Godfrey + left
a message asking him to call
him.

Ray Froese Bsn again.

Worms Johnson on days off.

~~Ray~~ Only report they will
be able to provide in
to Peter Godfrey by phone.

Ray John Morn (Lt Col Camp)
left message

Ray Victor Camp

"Rite in the Rain."

(4)

Mine Built

in 8-4 } 7 hours
in 8-4 }

Next In for
hew-woods

Ray ~~Rich~~ Richard Bubbitt
— no answer

Ray Dick Bunting

0930 L — 2-Pink Cystopteris
1 Whisking Lark

Meeting singer for 1030
his Ma, Chas. B. Pratt

(5)

and Roland Pickett.

My Thoughts

- it will only get worse

- 50 $\leftarrow$ 5 pph

- If have to release from
from Vera looking they will
be going to prison
quickly unless we will not
be able to access the
sea (over closed).

- If opened till 16/12,
opening in 17 days early

- avoid possibility of being to
open over 2000 tons.

"Rite in the Rain"

(6)

no legs for study all day
eg no sunset juggling

1000 hrs (approx) Rang Grouse
Barker on phone. Left
message asking him to notify
me re meeting programme
at 10:30 AM for 10:30 am
today.

1015 hrs Rang Hill Oldfield
Joined I let him know
decision of meeting.

(7)

Cassandra Jung

0427 070951

^{Pierett}
Richard will be long looked
over times - New Year
(Geobeta will be closed)
but Roger Paine will be contributable

† Briefed Seale Taylor and
Cassandra Jung of Geobeta
at their office, with Richard
Pierett, at approx 12 noon.

approx 1245 hrs. Chris Piggott
rang + told me Ross Burnett
will have his machinery on
the beach at 0700 hrs
"Return the Rain".

(8)

Tomorrow (Thurs 14 Dec 04) to
start opening the bar.

Mr. Bringers (Fishery Dept
Bsn) rang me at 1320
hrs. I told him of
the opening planned for
~~0800~~ to start at 0700 hrs
Tomorrow (Thurs 14 Dec)

1330 hrs I sent Lancel
to Wilco, Sechart & Ralston P.
advising them of date &
time of opening.

⑨ Tues 14 Dec 2004

Sandbar at mouth of
Woods Inlet being opened
by Ross Bennett. Expect
to finish this PM.

Verse Estuary Flongulid

Paul Riggall & Kaddy of
Water Camp - 1000's (?) of
small fish (mullet?) and
10's of large mullet mulling
against the shore boards yet
there is no drizzle in
(or out), no no "signal"
Water level +0.14 m w/s
and d/s. (at 1500 hrs)

"Retain the Rain"

(10)

Vermont fishing pierage

Gates 2, 13 + 14

+ 0.15 m u/s

+ 0.36 m d/s

at 1915 hrs

on Tue 14/12/04

(11)

Large feeding frogfishes
at 0535 hrs on
Wed 15 Dec 2004

+ 0.15 m u/s

+ 0.18 m d/s

- no flow.

(10-15cm)

(1 dying)

- 5 small dead fish

at N end of frogfish

(big 14) on u/s side.
(small 14).

- Water clarity poor both sides
of structure.

- 1 fish flapped out of water
± 20 m d/s

- 3 species, 12 P&BD + 6 CBC

"Rite in the Rain".

(12)

feeding in clipped regions
above ~~100m~~ 150m up
More birds much further up
(at end above head in channel)

← Overcast. Light SW breeze
mild. Fine.

TO DO Donish

- Angel, DO Meter, DO
measurements (DO E?), given this
PM with Carlton?

- Left here at 0600 hrs.

Wong testing floaties
at 0606 hrs

0.00m (+0.01m) ^{u/s} u/s

(13)

+ 0.15 m (+0.01 m) d/s
- light-moist SE wind (cool)

Lagoon on w/s side (NE side)

23 Green Egrets

c 200 Brown Birds

16 Pelicans 1455

12 White Ibis

5 Wf/Ibis

c 5 LBC

all feeding on smaller fish

68 Pelicans, Green

LBC, PABD, SIGL, ACIS

20-150 on w/s

all feeding

"Rite in the Rain"

(16)

more birds further up

0626 hrs - water flowing
out of the Deschutes at
its entrance

0637 hrs - top (NE) end
of Deschutes. No birds.
No dead fish - No obvious
fish activity.

0642 hrs - Mouth of Vining Inlet.
Water churning out.

Willow up to rising platform.
No dead fish.

Back at mouth at 0700 hrs.

Water still churning out - straight
out into the bay for a mile.

(17)

and then with a slight drift
to the south. Outflow
water smell of H_2S . ~~Estimate~~

Very strong plumes again
at 0708 hrs

+0.15 m d/s

+0.08 m d/s

So level d/s is dropping fast
with outflow

No sign of bubble d/s
side of plumes

"Rite in the Rain"

(18)

Verse Eling flotsam

at 1632 hrs on Wed 15/12/04

+0.15₅ u/s

+0.07 d/s

+1 WPH + 2 BC + 2 PBD

— several 2 BC + 1 PBD

feeding 20-80 m u/s

— some fish actually near

shore 30 m d/s.

— 1 dead FF Shearwater

on shoreline on d/s side
of gates.

— 100s of small fish

U U U U U U U U

(19)

active w/s - ~~2020~~
rises at the surface.

This behaviour continued
until at least 1655 hr,
when I read the off/s
gauge (now +0.10 m)
and left. Conditions
were warm to hot, light
breeze, humid, some
cloud.

Womys ashby ptirys
- the wind here
is light SW.

"Rite in the Rain."

(20)

Thurs 26 Dec 2004

Warm Edging floats

at 0538 hrs, jingles
read

+0.12 u/s

+0.32 d/s

Light ^{cool} ~~clear~~ from N.

- 100% ~~was~~ cloud cover.

- no discernible leeches in

- no fish activity on dead fish.

Warm Edging floats

at 0548 hrs

- 0.21 u/s

+0.31 d/s

(21)

There are countless zillions of
small fry swimming in the
surface hypolimnion of the
fluvial (O₂ → -).

1000 Sibs + pils,

common, great the feeding
in this area. The Sibs are

concentrating on the fry - strong.
Had now moderate from
the NW.

- no debris in evident

- cleaned the gage plates.

Leave here at 0610 hrs.

There were no birds in the
lagoon on up/s side of
fluvial, which is still
connected (just) to the main
"Rite in the Rain" channel.

(22)

0618 hrs - days (v)
end of December - 05.
No birds visible.

Lonsdale Inlet mouth at
0625 hrs. Water churning
out through the channel.
Moderate - Strong NNW
Wind. 100% clouds.

✓ Vase estuary flapfile on Fri 17
Dec 04 at 0635 hrs
+ 0.135 u/s
+ 0.25 d/s
Moderate NW wind - Coolish
40% clouds.

U U U U U U U U

(23)

Worming & my Phrynosoma
on Fri 17 Dec 04

at 0643 hrs

~ 0.23 cups

+ 0.25 d/s

cc 500 galls + ^{+ comments} great Laron,
etc, + ~~25~~ 25 galls in the

lagoon feeding on small frog

the v. few birds in main channel &

v. few ~~small~~ frog visible here

While I was studying on froglets a

small herd of prong (grey-bellied)

flow alongside S side of

road bridge, then back, under

(S-SW) then layed back to S

side where it is caught &

into wind "bite in the hair".

(24)

Fri 17/12/04 Contd.

Wilson's Swallows (in the vicinity)

Flew with their 2 edges
of nearly nothing when it
held it on ground, in hollow (S)

for 4 minutes then (064.0
- 064.4 hr) then it flew
off low with it.

Dodge is 4 m wide
and there was 1.2 m

chance at the time.

It was a small gambit
~~aggressive~~ bold light.

throat, buff ~~collar~~ collar,
bright yellow eye ring,
yellow legs, grey back.

There were 20-30

Wilson's Swallows at the bridge.

U U U U U U U U

(25)

Vase is long fluted
" control valve (0709)
" "

" Popped gate Penstock " " Foy Gate "

" Fish gate Penstock " " Fish Gate "

I opened & closed the Foy Fish
Gate Penstock and then
the Popped gate Penstock.

7 || Need a wheel to (manually)
" || open the Foy gate Penstock

I also opened & closed the
" Fish gate Penstock " and " Fish gate "
"Rite in the Rain."

(26)

Took photos ($\rightarrow$ N° 23)
of Vase looking east down
looking up from fledge.
Persons in mid distance,
some behind me, ~~the~~
dark grey clouds in background
(Ran about 10 mins
later, at 0745 hrs).

Tues 21 Dec 2004
Vase looking fledge at
0643 hrs

+0.12 up

~~approx~~ - 0.13 d/s

Blown up in severe (green)

U U U U U U U U

(27)

Cool. Light moderate
SW wind. 100% cloud.
Fine.

Monkeys eating figs
on Thu 21/12/04
at 0650 hrs

— 0.26 u/s

— 0.10 d/s

Large number of gulls,
gnats, phleas, crickets
etc. feeding on figs
(as in clench & many phleas).

"Rite in the Rain."

(28)

Homings along fluvial
on Thu 23/12/04
at 0819 hrs

— 0.26 u/s

0.00 d/s

How OPEN REST FRY
PENSTOCK ?

100% cloud. Light

E wind

Large numbers of gulls, pelicans,
loons, etc. feeding
in the main channel u/s of
the fluvial

29

Verses concerning prophets

on Th 23/12/06

at 0833 hrs

+ 0.10 u/s

— 0.035 d/s

Intense blue-green eye bloom,
the worst I have seen.

Talking to lady who lives up
on Lyman Rd. (1st house up
of Longfellow) and ~~person~~
~~she mentions her son got~~
~~trunk~~ around speaking gathering
of persons etc. outside her
place has got to Lyman.

When it does (she thinks
due to low D.O). they usually
"kiss in the rain".

(30)

found a few dead fish
a day or two later.

A couple of large sharks -
presumably due to the couple
of large fish - c 20 m w/s
of flounders.

The water is too green to be
able to see fish other than at
the surface - and then there were
none at the surface.

Lowery Inlet mouth at
0900 hrs on Th 23/12/84
Water is flowing out.

(31)

Tide in the bay is low.

There is far exposure as
I could (to 80 ^m d/s
of runway platform).

Large area of sand and
clayey silt exposed.

Smell of H_2S ~~from~~
coming from the Tidal,
being blown to me by the
very light E-SE breeze.

0941 hrs.

"Rite in the Rain."

32

Log 2000
Scott Beale (Secret)

For telephone connection

name: Administrator

password: password

For SCADA connection

name: operator

password: operator

ring Scott on
9752 1308
at Walter and Dyck

(33)

Ves litoja

0617 997 379

Anasena fresh breadish

Nodulera breadish

- up to 25 ppt

- but not seawater

Bring
Ruben tomorrow

downside - flower ^{2/3} frame

Shark for carbon + 150
wind?

"Rite in the Rain"

(34)

Vorse estuary — Estuary
Visit Druse at 1655
hrs on Th 23/12/04. High
numbers — 1000's ? of Harems
here. Moderate SW wind.
Blue-green algae not evident.
Water level close to banks.
Shoreline not exposed either.

Honoring Inlet mouth at
1700 hrs. Water flowing
in strongly. Moderate
— Strong SW wind. Seagulls
of this morning covered.

Some walked up to
viewing platform. Some

(35)

first morning w/s but
not many (variable)
1721 hrs.

23/12/04 Contd.

Yessie edging floodgates.
+0.115 w/s
+0.18 d/s
at 1738 hrs.

|| Fish gate + Fish gate
penstocks both fully
opened at 1752 hrs.

Water flowing in

"Rite in the Rain"

(36)

moderate - strong sea
breeze (SW) blowing
from up/s to d/s
along the coast
at night most cleared:

1809 hrs - pressed the
"propped gate penstock"
button to open it.
Fully open at 1811 hrs.

1814 hrs closed the
"propped gate penstock"

(37)

I then used the wheel
to open the "Fish Gate
Penstock" and then
power opened the "Fish Gate"

Went to the control cabinet
if the selection switch
of the "Fish Gate Penstock"
is switched to "remote"
it closes this gate!

So I left this switch
(and the "Fish Gate" switch)
set on "Local."

But ~~then~~ turned
the other 2 switches
to "Remote" ~~the same~~

(38)

Left Vase estuary
flapjacks at 1845 hrs.

Vase estuary flapjacks
at 0527 hrs on Fri 24/2/04
+0.09 up
- 0.06 up

Water flowing out through
the first gate. But
gate is blocked by
~~masses~~ (bryozoans) so

(39)

outflow is very small
and fish (which are
on the d/s side
in the 100s) ~~cannot~~
can not pass them.

Also flow out the "fry
gate" which also has
Bryans preventing passage
of fish.

Most of the 100s (1000s?)
of fish immediately d/s
of the gates are
small - medium. Some
"Rite in the Rain".

(40)

one large. Just's
one also jumping &
flying out of the
water 5-30 m up.

This is the first time
this summer I have seen
so much activity. They
seem to like it.

The blue-green algae
cells floating out are
dispersing / moving at
the surface. mostly
due to lower density

(4)

of these ~~fresh~~ less -
surface outflows water?

Wind, rising, 0%
cloud. Cool. No
wind - very light SE.

Extensive swimming of
the still-silver blue-
green algae bloom up/s of
the jetty.

Some swimming was on
the d/s side for
5 mi, at the N end,
due to the light breeze
acting on the outflows.
"Rite in the Rain".

(42)

No one fishing up on d/s
I left here at 0552 hrs

Checked 180 on d/s

Returned to vessel again

Checked Ford Gate to

55" open and finally

closed the Log Gate

Started bell for "Penite"

and closed & locked the
valve.

143.

1552 hrs on Fri 24/12/04

I (remotely) opened

the "Proposed Gate

PanTock", from

the Control Office Bar,

by dedicated computer.

The graph shows the ups

+ d/s levels to be

approx the same.

At 1640 hrs I fully

opened (remotely) the

three floodgates "Fish Gate"

graph shows d/s level is

some ups level at this

time. Chart at

"Rite in the Rain".

(44)

108966
14
108966

1643 hrs I opened
the "Frog Gate".

Sat 25 Dec 2004

- against 5 am - left home
at 108966 (my car).

- to the office

- 0545 hrs near some Estuary
flourishes

{ +0.08 w/s
-0.04 d/s

(at 0548 hrs.

Fine, light E wind,
0% cloud

(45)

Water flowing out from
Fresh Gate & Bay Gate.

Fresh Gate obstructed by
floating net of Ruyuna.

If we could open the
removable plug valve on the

Pumped Gate Penstock

we wouldn't have the

inflow obstructed by

Ruyuna. RAISE WHOLE
CROCK? OR OPEN FLAP?

No fish actually up, but
many (1000s?) d/s,
some flying out of

water. ~~1000s~~ 1000s of
"Rite in the Rain".

(46)

small-medium matlet on
the outflow, which is
longer of blue-green
algae cells d/s

There seems to be less
swarming of blue-green
algae on the up/s
side.

At 0605 hrs I closed the
Kong Lake Penstock, at
Walter Long's (John
Moon) request (by
phone, yesterday).

(117)

Wings and
flashes at 0620

has

~~100~~ w/s
d/s

— 0.285 w/s

— 0.01 d/s

Many 100s (in total)

of pelicans, gulls, egret,

heron, cormorant, shore

birds - almost 0 → 100+
in

w/s of these flocks

Water has dried (dried out -

"Rite in the Rain"

(48)

born) to see fish.
Leave home at 0627 hrs.
(odo: 108982 km).

Home: odometer 10900
km

Leave home 1750 hrs
at ~~108982~~ 10902 km

- Called into office to check
~~the~~ large SCADA computer.
- Stopped at house along highway
very strong flow in there
"Red Gate" & "Poppet Gate".
- Home to home along highway

(49)

Landings along Florida
on 25 Dec 2004
at 1848 hrs.

- 0.31 m ^{uls} d/s

+ 0.33 m d/s

Moderate SSW wind.

Water at Bays 2, 3, (4),
(8), 9, (10), 11 does

needed level of water
both hole at top (2)

(middle) of "stop breaks"

on d/s side case

→ tracking through

these holes to w/s

"Rite in the Rain"

side

(50)

Also found celery vanilla
w/s. Water is
disturbed, brown, grey
colour.

Beck at Vessie's
floodgates
+ 0.10 m w/s
+ 0.37 m d/s
at 1947 hrs

Clashed with Gordon Bleachmore
(former from Doyne Brook)
who lives in new house
on S side of Vessie's floodgates

(51)

End Odo 109034

Sun 26 Dec 2004

Start Odo: 109034

Varie along flungates

at 0553 hrs

+0.08 w/s

+0.005 d/s

Water is flowing out from the
open back gate. This morning,
unlike yesterday, this flow is
not at all obstructed by kelp.

Blue-green algae bloom w/s
are still intense, though no
scumming.

Bloom cells are

"killing the rain".

(52)

flocking d/s from the
Fish Lake.

150s (at least) of fish
d/s.

Slight cool breeze from SE.

Tens of ptarmigan flying

overhead from direction

of Lhany. flocking due to

the burst w/s of the

Varise flocking. LBC

also. Some are

flying there, some

flying further over

(53)

Free. 80% closed.
The 100m of fish (mullet)
d/s of the jets are
largely beneath & close
to side outflow.

Strong ebb plumes
at 0612 hrs

— 0.29 m d/s

+ 0.03 m d/s

Moderate E-SE breeze
cool.

"Rite in the Rain"

(54)

✓ c. 5:00.

1000 of Sibel, plus
reptiles, birds, fish
etc. etc. etc. etc.
Sparrows
frog in the before up.
of the phragmites.

Water up of the lake is brown,
darkened, chopped buggies.

Very few birds feeding in the
main channel.

ODO: 109048 km.

Back to work

Back home - c. 0845 hrs

ODO 109064 km

(55)

Leave home at

2008 pm on

Sun 26/12/04

ODO = 109110 km

Womery

Womery's island flourishes

at 1428 hrs

+0.09 u/s

-0.26 d/s

} must be reversed.

29/4/05

Moderate - strong E wind.

Fine - hot.

1433 hrs - opened the

"Cook's Gate Road" 100"

c 1440 hrs opened the

"Gate in the Rain".

(56)

"Fish Gate Reservoir" to
c. 35% (24-4%)

1449 hrs saw first
fish (large mullie) at
surface; 5 m from
inflow.

1457 hrs - checked the Fish
Gate Reservoir to 10%
(9-11) open.

1510 hrs - checked "Fish
Gate Reservoir" to 5%
open position.

(57)

1514 hrs - first
brush at inflow.

1517 hrs - first fish
seen to enter the
first gate (have heard
1 or 2 in past 3 mins)

1529 - close first gate.

1537 hrs - Rebound
"First gate back" to 10^c
open and "First gate"
to "100^g chain" open

(58)

Tested "Flybait" by
opening lid (but not
the "Flybait-handbook")

1544 hrs - closed the
"Flybait-handbook" and "FG"

Then ^{fully} opened + ^{fully} closed
the "FG"

+ closed the "Flybait"

End 1553 hrs.

(59)

Less sky flagfish
at 1610 hrs

on Sun 26/12/04

+0.07 w/s

+0.14 d/s

Water flung and then
fully open P_6 + P_6

Water w/s is definitely
less intense green (of
blue-green algae) - No
swimming. Looks much
healthier than 3 days ago.
"like in the rain"

(60)

No dropped boulders
on other micropyte at
surface.

Water is left over
a shade of green d/s
for only ≈ 100 m.

NEED " AVOID THE

DANGER - KEEP CLEAR"

signs for booby
nests, eggs & d/s.

(There is no sign of puke
even saying "no booby"
and there is a boat landing
area (informal) immediately d/s)

(61)

Odometir 109130 km

Seen here at 1617 hr.

~~Droped him at~~
~~where:~~
~~when:~~

Droped him at

where:

when:

To meet again

where:

when:

Worked until:

where:

when:

"Rite in the Rain"

(62)

At 1053 pm on
Jan 26/12/04

I closed remotely

(by computer at CERN office)

the VESSE containing

"Fogged Gate Penstock"

(It had been 100% open)

At 1056 pm I

closed the "Fog Gate"

(note that the Fog Gate
Penstock, which is

normal, was already
closed.

(63)

At 0145 pm I remarkably
closed the door asking
"First here"

Leave work ~~000~~ ^{109264 km}

Closed "First from handover"
at the floodgates at
11.35 pm

many 100s of mullat (small)
feeding at surface d/s.

ODO = 109278 km.

Home at 0139 km!

ODO 109292 km

"Rite in the Rain"

(64)

Mon 27 Dec 2004

1000 hrs ODO 109338km

to work

Was taking photographs
at 1020 hrs on 27/12

+0.05 m/s

+0.09 d/s

1022 hrs - ground

the "Fish Gate" & "Fish Gate"

Roadside "

The water m/s is

clear - the speed

(65)

Gloom is no more.

Note that large amount
of seawater entered
last night due
to TSUNAMI!

Water now flowing gently in.

Moderate - strong NE wind.

Wings rising slightly.

at 1039 hrs

-0.25 ~~feet~~ up/s

+0.09 d/s

1042 good FSBike 100%

and FCBike 20%

"Rite in the Rain."

(66)

1052 hrs - first
small fish entered fish
gates from up

The water up is dark
brown as in previous
days.

Wind - strong ENE
Wind - Hot.

Fine - 20% cloud.

1112 - cloud FGP
to 10% open (from 20%)

Good sunset crayfish

(67)

Stillness at S end w/s

4 Pals & 1 CBC

eking them:

By 1116 hrs closed

"Kink Gate" + "FLP"

Left Lane at 1125 hrs

ODO: 109362 km

Remarked problem with

Van Kink Gate bandage

Went back, switched it

to Local, opened it

(it had fully closed) +

left van set on Local

(at ~~1130~~ 1131 hrs)

"Rite in the Rain"

(68)

Home at 109377 hrs

Tues 28/12/04

Leave home at 0828 hrs

and 109377 hrs

~~at 0828 hrs~~

Wangchay flange
at 0848 hrs

Read the Fish Book
at 0847 hrs

— 0.285 w/s

+ 0.12 d/s

} 0848 hrs

(69)

Advent line of hyaline
on d/s side is
at +0.91 m
(from the Tsurumi)

0852: In opened the
First gate. Landlock
to 20% open
Water started to flow
in (10 m/s).

The water up is brown
with a hint of green
a little screaming
Fine, hot, very light NW
"Rite in the Rain" breeze.

(70)

There was a shower
or two of rain
here last night
(Thursday). Is
that the reason for
the green algae + slight
swimming?

0936 Lr - 200's of
small-muscle snail-like
molluscs against the
glass (w/s) but
not attempting to
leave via fishbowl.

(71)

0952 hrs - Closed the
"Fish GP" and the "Fish 5"

Vanishing plankton
on Tues 28/12/04
at 1006 hrs

+ 0.06 m w/s

+ 0.08 m d/s

Water flowing in gently.
Light SW wind.

Water w/s is pale, translucent
(almost) grey greenish
grey "Blue-green"
"Rite in the Rain"

(22)

slower bloom ended
2 days ago.

Estuary View Drive at 1014 hrs
- Islands not yet exposed.

Home

private ODO 108413 km.
(Home ODO 109460 km.)

Wed 29 / 12 / 04

Leave home at 0930 hrs
ODO : 109515 km

(73)

Wong's Island north
at 1050 hrs on
Sun 29/12/04

~~mouth open~~

Vase-shy, flamboyant

"surface"

DO 82.5%
5.34 mg/L
Conduct 54.18
34.65 ppt

50m

Water

DO 75.3%
4.87 mg/L
Conduct 54.18
Sal : 34.57

"Rite in the Rain"

(74)

76 m DO: 67.3%
(bottom) 4.35 m/s
Conc 54.33
Sal 34.69 ppt

1100 hrs.

Water flowing in from open
fresh water.

dh/s note of these
along floor plates
at 1100 hrs.

Surface DO 47%
2.98 m/s
Conc 58.32
Sal 37.21

(75)

50 cm

DO: 48.8%

2.83

mg/l

Cond 58.74

Sec 37.22

µS

81 cm
(broken)

DO: 45.2%

~~48.5%~~

2.84 mg/l

Cond 58.33

Sec 37.21 µS

100's (at least) of
mainly small mullet
at surface (feeding) d/s

"Rite in the Rain"

(76)

+ 0.10 w/s

+ 0.15 d/s

at 1115 hrs.

Warning whys flungula
at 1125

on 29/12/04

- 0.35 w/s

+ 0.16 d/s

approx 11.30 am,

approx Felt pulse 100%

and Felt G-Renters 10%

(27)

1141 hrs - given
Fish for Rusk to
20%.

1145 hrs - closed the
Fish for Rusk
and given the
Rugged for Rusk to
20%.

1150 hrs - closed the
Rugged for Rusk
and opened the Fish
for Rusk to ~~20~~
30%.

1154 hrs - closed Fish
"Rite in the Rain" + Flo.

78

Thurs 30/12/04

Drove from Lome to
Dunbarrow (Alue)
then off to coast
via Tint Doo to
Wanning Estuary Road
at 10840 hrs

— 0.34 w/s

+ 0.065 d/s

Light E breeze. Fine,
sunny.

(79)

Water w/s is slightly
greenish brown.

No fish activity w/s.

Water d/s is greyish.

Very early phosphenes

000: 109688km

at 0849 hrs.

+0.10 w/s

0.00 d/s

Light to moderate SW wind

"Rite in the Rain"

(80)

Water is flowing
out

The outflow stream
is thick with
small-medium mullet!
it is near the surface
must be ~~thick~~

~~2,000!~~
c 4,000!

Water is bright green
(not intense) w/s
+ d/s. No
Aluminum

(81)

Returned to work.

0800: 109698 hrs

Couldn't connect to Water

Camp upgrade. Rang

Chris Leggett "someone

had turned it off again"

We turned it on.

I connected.

At 0942 hrs I opened

the Warrump Estuary

Flood Gate, by ^{computer} computer.

At 0952 hrs I opened

Warrump Flood Gate Locks to 20%.

At 1048 hrs I closed

the Warrump Flood Gate Locks.

"Rite in the Rain".

(82)

Thurs 30/12/04

Qt 1054 in 9 } ^{control}
closed (mostly) the
downing along Pit Lake

Tues 4 Jan 2005
Water sample taken
from Malbury Creek
next to prominent, "conical"
pyramidal, rock pile in
centre of creek - approx $\frac{2}{3}$
of way from head hole to
eastern end of this
section of creek

Sample was taken

(83)

at 1735 hrs.

8

Top: Sal 12.32 ppt

~~ppt~~

Bottom: Sal 12.32 ppt

~~ppt~~ 12.25 ppt

Depth was 0.3 - 0.4 m

"Rite in the Rain"

(84)

Western end of Melbury Creek
at head where we first see
connection to Vespe Estuary.

at 1755 hrs.

Temp 13.49 ppt

B. H. 13.51

Depth was 0.4 - 0.5 m

Clipped the ~~intermediate~~ ~~connection~~
connection between Melbury
Creek & Vespe Estuary.
It is 10-15 cm deep
at settlement point.

(85)

Took sample from Vase.
Entire bank with
entrance, in c 20-25
cm deep water at
1810 hrs.

Salinity = 17.25 ppt

Delved to mouth of Rubic
River. It is still
connected to Vase today,
at 1815 hrs.

Vase taking phragmites at
1845 hrs.

W/S	29.5	top + 0.5m
S/S	35.4	top

"Rite in the Rain"

(87)

Fri 14/1/2005 at CALM Office Bn

Remotely opened Wimmeroo

Estuary Fish Gate at 0949 hrs

at 0957 hrs I remotely

opened the Wimmeroo Fish Gate

Penstock to 20%

at 1030 hrs I closed

the ^{Wimmeroo} Fish Gate Penstock and

at 1031 hrs I closed the

Wimmeroo Fish Gate.

Fri 14/1/05 Contd

Vase Estuary Flapgate

at 1657 hrs I opened

(locally) the Fish Gate, Fish

Gate Penstock + Fry Gate

I then $\frac{1}{2}$ opened the Fry Gate

"Retain the Rain".

(88)

Panhandle both the wheel...
Water flowed out
strongly.

Many 100's (1000's?) of
small to medium fish
(possibly?) swimming around
at high speed,
+ zig-zagging on ups
side of gables
Why? Attracted to
ventilator?

At 1740 hrs
sal - ups = $\frac{32.4 \text{ ppt (0.7m)}}{32.1 \text{ ppt}}$
 $\frac{32.7 \text{ ppt (0.9m)}}{}$

(89)

1749 hrs the Vase

asking frogger u/s
gauge reads $+0.02m$
AND

d/s gauge inaccessible
(mud clean) but is
lower than u/s readings.

Continuing asking frogger
at 1805 hrs

— $0.45m$ u/s

— $0.65m$ d/s

Strong S. w. wind

"Rite in the Rain"

12000000

(90)

I have never seen
so much exposure
and sand in
Wong's Bay

Mouth of Wong's Bay
at 1820 hrs. Water
is shallow and smooth
of H₂O.

On Jan 16/1/05, from the
Caseri office, I found the
Wong's Bay gate at
1601 hrs. and the Wong's
gate Penton at 1610 hrs.

(91)

to 20%.

At 1623 hrs I increased
the opening from 20% to 30%.

At 1632 hrs I opened the
Hanging Fog Gate. I will
need to visit to open the
Fog Gate Peristalsis.

At 1643 hrs I closed the
Hanging Fog Gate Peristalsis.
Note that I left the Hanging
Fog Gate open (to some time)

~~At~~ I move to Vase
Estuary phragmites, arriving at
1705 hrs. Gentle flow
"kitt in the rain".

192

in. Very light NW breeze.
Fine. Warm - hot.

Much fish activity up,
beneath surface. Many
fish swimming at surface
to Bay Gate, trying to
get out? unsuccessfully.
A few fish going out
there. Fish gate, so
at 1720 hr. I closed

the Bay gate Benstock
(and then the Bay gate)
so that fish would
not be directed to
the Bay gate. Then
saw more fish going

(93)

Notes on the River

out through flap gate - good!

I cleaned the gauge plates

- at 1735

Values being

$$w/s = -0.07$$

$$d/s = -0.065$$

At this time many 100s
(1000s?) of fish jumping -

about at night open

w/s - some to record

also go. Some still
being there open for
fish.

(94)

100's milking giant sheep
bonds — why? —
reflection? — but not
enjoying their beds.

Many 100's swimming up
to d/s. These open
End of the water at
least 1748 hrs (when
I left).

Many flying phalaropes
at 1800 hrs. I cleaned
pages cups — 0.45
d/s — 0.06

(95)

Water level is below
level of ground
Foot gate. (by
approx 5 cm ??)

(The Foot Gate was
already open
100%)

Mon 17/1/2005

At 1102 hr I opened ~~E.~~
(remotely) the Wimmera
Foot Gate Penstock to 30%
At 1103 hr I closed the
Foot Gate (the Foot Gate Penstock
was already closed).

"Rite in the Rain"

(96)

At 1137 hrs (on 17/1/05) I
closed the ~~Vesce~~
Fry Gate (the Fry Gate
Penstock was already closed).

At 1329 hrs I closed
(remotely) the Downy
Fry Gate penstock.

On Tues 18/1/05 hrs
I opened the Downy
Fry Gate Penstock at 0807
hrs to 30% (remotely)

(97)

On Wed 19 Jan 2005

Turner opened (annually)
the Warrings Fish Gate Reservoir
to 30% from 0919 hrs
to 1300 hrs.

At 1339 hrs on Th 20

Jan 2005 I opened
(annually) the Warrings
Fish Gate Reservoir to 30%

Continuity connect to Warrings
Camera, but could connect to
Vase Camera

Leave water (very low) at 111676 hrs
at 1446 hrs.

"Rite in the Rain"

(98)

Vespa Esling phragmites
on Th 20/1/05

at 1457 hrs read

- 0.09 u/s

+ 0.245 u/s

Water flowing in strongly through
open fast lake.

Flashes of fast activity u/s,
beneath the surface.

Water brown u/s.

Honeye Esling phragmites on
20/1/05 at 1508 hrs gauge

read - 0.40 u/s

+ 0.255 u/s

Water flowing in strongly

(99)

through gate East Gate.

Water clearer w/s than

when I was last here

- due to amount

of sea water let in.

- 10% of mud silt back
w/s.

Plastic bag full of seaweed
partially obstructing inflow.

Closed gates - removed

obstruction. Reopened gates.

Left here at 1536 hrs.

Back to work. Closed

damages. Reopened East Gate
"Rotten in the Rain".

(100)

Penstock (removal)

at 1558 hrs (on 20/1/05)

On Fri 21 Jan 2005

opened (removal) the
Honey Fish Gate Ponds to
30% at 0916 hrs.

~~10.24~~
Honey Fish Gate Ponds

at 10.24 hrs on

Fri 21/1/05

— 0.42 u/s

— 0.08 d/s

(101) Water flowing and then again
Pink Lake.

Water clear up (nearly
see the bottom)

Light E. wind.

Fine. Warm.

c10 med-large mullet
swim near / under the
inflow.

There early piling up at
1035 hrs on R 21/1
ganges need

-0.06 w/s

-0.07 d/s

"Rite in the Rain"

102

Water gently ~~had~~ flowing out
thru open First Gate.

Water colour up is
slightly yellowish brown.

At least 10s of fish
u/s. (small - med.)

100s of frog swimming u/s
near the First Gate at
1042 hrs.

Light SW breeze moved
at 1045 hrs.