

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 31/5/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_32	32	(28-01-99 / 29-06-99)
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	Missing (at 31/5/2014)
JL_(1992 on)_38	38	Missing (at 31/5/2014)
JL_(1992 on)_39	39	Missing (at 31/5/2014)
JL_(1992 on)_40	40	(Dec 02 / Mar 03)
JL_(1992 on)_41	41	(Mar 03 / Apr 03)
JL_(1992 on)_42	42	(May 03 / Oct 03)
JL_(1992 on)_43	43	(Oct 03 / Nov 03)
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JL_(1992 on)_45	45	(Dec 03 / Jan 04)
JL_(1992 on)_46	46	(Jan 04 / Feb 04)
JL_(1992 on)_47	47	(Feb 04 / Mar 04)

TO BE CONTINUED

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JL_(1969-70)_1	'1969-70'	(Nov 70 / Jan 70)
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)

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JL_(1970-84)_17A	1980-81	(01-12-80 / 15-11-81)
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	(20-09-84 / 10-10-84)
JL_(1992 on)_1	1	(03-11-92 / 03-08-93)
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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JL_(1992 on)_15	15	(29-04-95 / 17-05-95)
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 / Mar 97)
JL_(1992 on)_20	20	(Mar 97 / Apr 97)
JL_(1992 on)_21	21	(16-04-97 / 12-06-97)
JL_(1992 on)_22	22	(12-06-97 / Oct 97)
JL_(1992 on)_23	23	(Oct 97 / Dec 97)
JL_(1992 on)_24	24	(Dec 97 / Jan 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	(Sep 98 / Dec 98)
JL_(1992 on)_31	31	(24-12-98 / 28-01-99)

Nº 36



Note Book

96 PAGES 5mm RULED

No. 561

5/8/00 → 19/1/01



Made in Malaysia

ESSELTE

Tues 19 Sep 2000

Playing football at Dunsborough
(near roundabout) -

Walked 80 m of stream
to check for dytids
4.45 - 5 pm

and heard:

Pee-wee-la frogs

Quacking frogs

5.15 - 5.30 pm

Walked track (sealed) on
north side of creek (flowing)

(2)

from corner of Alameda
Tce and Beek Road,
down almost to Vincent
St (Dunns Bay).

Heard only ^{very} ≤ 1 / few
Croaking Frogs.

5.40 - 5.58 pm - Meeting
Beyond first frog site.

Heard:

Slender Tree Frogs
Squeaky frogs
a ?

(3)

Saw a few Lizards

"Leader Joan Terchelt
2nd Bin Cub Pack"

(4)

Lebre/Hendo Th 5¹⁰/~~3~~/00

Boat started at 1100 hrs

Photos

1240 - short circumference
of lebre - enticled

(5)

~~Skat duck~~

~~GTR~~

~~2~~ 2 grubs $\frac{3}{2}$ (4L?)

~~WFF~~ - 3

~~Sift~~ 21

1251 - skat open at
one rebar



GTR

LPC - 1

~~8~~

P.B.D - 2

Sift - 2, 5, 1, 1,

MusD - 4

WFF - 1, 2

Rebar - 1

LBC - 14

Shel

Black Swan - 20 + 8

(6)

Reached vessel again at
3.15 pm.

Summary

Janet and I commenced to be
thrust along generally within
50-100 m of water edge
in an easterly direction
in 10' boat with 4 hp
outboard at slow speed
starting at 1250 hrs and
finishing at 1515 hrs. No
wind at start. Light ~~to~~ NW
wind towards finish. Fine
& cloudy. Estimates of
bird numbers are

Shearwaters - flocks of many
hundreds - estimate a total
on the lake of 3-5,000.

Gray Duck - many flocks
of several and some
100 - 150. Estimate 1,500 - 3,000
on the lake

Black Duck - saw 2 and later
4 - Estimate 4⁺ ~~400~~ on the
lake.

Muskrat Duck - saw 4. ~~4~~
Estimate 4⁺ on the lake

Large Red Cormorant
Saw one only

Little Red Cormorant
Saw one only

Little Black Cormorant
Saw one flock of 14 only.

Pelican
Saw one only

(8)

Small Grebes (probably
Worm-headed) - saw 2
only.

Black Swan - counted
a flock of 32. $\frac{3}{4}$
Estimate 100-150 in total.

White-faced Heron - saw
groups up to 6. Estimate
50-60 on the lake.

Silver Gull - saw groups
up to c 40. Estimate
300-500 on the lake.

Only sign of breeding by
any species was one
active swan mound.

(9)

Didn't see its contents.

Approx 6-10 of the
Skeltons we saw were
flycatchers.

There is a lot of Rhyssa
going across the lake.

Flowering at present.
Also saw some Chrys in
sallows.

Labrids depth gauge (4m)
Needs 3.03 m at 1550 hrs.

(11)

Th 12/10/00

Verse estuary floodgates
gauge read

+0.53 w/s

unmeasurable d/s

at 0740 hrs.

Water flowing out over
the stop boards, which
have recently been
installed (the sand
bar at the mouth of
Churns Creek has
recently been opened
to lower the water

(12)

levels in the estuary).

Worms eating flange
gates near

+ 0.23 m/s

unmeasurable. d/s

at 0746 hrs.

Water trickling out

Note Worms eating
much lower than
these estuary.

All stop boards in

(13)

Overcast - Fine

Light SW wind

New log box is in place
at Kingsbury (marked)
yesterday by first person
on n/s side

Lebe Clayton

40445 m

0930 Ls on 12/10/00

212 fence posts on sand

(14)

south of wellbore.

Empty PVC tube next
to Zork last ~~to~~

Rocks next to wellbore
on N side - don't
sample to among these.

Gauge is out beyond
the rocks.

(16)

Frogging Excursion

Tues 17 Oct 2000

I met a bus carrying
Shelly Vignat, Teri Jones, downer
and ten others (girl guides
plus parents) at the
sports oval at Dunsborough
at 6.55 pm.

Drove (Peters + Bus) to
Meelings Regional Park.
Walked to usual place.
Heard many croakets along
the way.

Heard only a solitary

"Pee-in-the-can" frog
at the wetland area.

Caught several large
~~hedgehogs~~ (H. gyrei) and
several very small
hedgehogs (Crinia sp?).

~~Many~~ Saw several hedgehogs
with small but legs.

Caught one hedgehog with
well developed legs (4)

and tail starting to
shrink. Body like
frog stage. Was it
a H. gyrei? Heard
no other frog species.

(14)

Then went to Quaboy
Inj site (Yugene One?)

and listened for $\frac{1}{2}$ hr

≤ 5 mins. Heard

only a single Quaboy

Inj calling - very

frequently.

Then drove to Dismal
playing fields late where

we heard several - many

Z. atelestensis and

caught several in the

sedges at the edge of

the lake.

Also heard a few
C. glaucus, and a
 few *C. geyeri* in the
 Agave on the west
 side. Heard several

L. domus ^{also} calling from
 the west side of the
 lake. We walked
 along most of the west
 side, the birds end
 at least one adult *L.*
 from calling *L. adalberto*
 (young ~~not~~ caught)

(20)

Arrived here at 9:15 pm.
Then drove back to Bsn.

It was a fine night,
cool, windy,
little or no cloud.

No ~~type~~ recordings made,
no photos taken.

At Barboursford, Barbours (21)

" Gas meter Delta 4 "

\$ 4.99

" slightly shop soiled " (normally \$5.49)
Keweenaw Hood

Delta 4 8 " 24 7

9.0 lb. L.A. \$59-90
(Keweenaw L.P. Gas Glider)

Ba-b-clif Barbours Cr.
\$18-90

Gas meter BBQ Keweenaw Cr. \$51-50

(22)

"BBQ. knotted back"

39-95

(23)

Sat 21 October 2000

Verse using floodgate gauges
read

0.515 m u/s

illegible d/s

at 1045 hrs.

Water flowing out.

Cloudy. Sudden showers

light SW wind.

Verse using floodgate gauges

read: 0.275 u/s

illegible d/s

at 1050 hrs.

Water trickling out.

1. Michelle -
agencia

2. ~~Ben~~ Ben Reynolds Ben T...

Tenn...

10-11

2 places

047 183 097

97554 829

1. Michelle -
aggressive

2. ~~Ben~~ Ben Reynolds Ben-Ten

TENNIS

10-11

2 places

047 183 097

97554 829

Tues 24/10/00 (27)
Very early flights
gaze recd at ~~07~~ 1900 hrs

+ 0.51 m w/s

slightly d/s

Lotus edelweiss
climbing along banks
in grass

Wings taking

at 1905

+ 0.26 m w/s

unconcerned d/s

24

Thu 7/11/00 Pulser

Carr Bsn 114423.2 km

WLC Bsn 1144478.2 km

Carr Bsn 114536.0

Clemin 3 112.8 kms.

Adrian Beck

and David Williamson

"
Impact of dredge rework
on the lake system"
A

Cybernetics

To be presented at "Hydro 2000"
conference - Port of ~~the~~
and of other.

Mentor Pearcey

(29)

John August is using it.

9278 0300

Richard will give me a
copy of it - keep
to me.

Peter Williamson

paper was commented
by Bruce Bone, correct?

Richard will send me the
Dunblay central rainfall
data.

Sally Bownen (word) might have
already answered the Dunblay
rainfall data.

(30)

Bob

Dishwater

John Blyth ✓

Jo Lee ✓

Bruce Krott ✓

Dave Mitchell ✓

Mary Love ✓

Jeff Tinner

Phillip Commander ✓

Linda Moore ✓

Leon Brown ✓ (WKE member)

Allen Pastega ✓ (WKE member)

Robert Pettitt ✓

12. Cathy Denny ✓

→ Louise Bruce ✓ cwn must

Cathy I send me the
data from the 80% majority
of the Chapter voted
by Waterbury.

These data would be
- stress.

Measured water levels
+ spring levels!

Probably done for next to
double moon study.

#11 ← Lighting Arrows

#22 → ~~March 2000~~
March 2000

Worming today pharyngeal gages
read:

+0.20 m up/s

+0.35 m d/s

at 1356 hrs on Thurs 7/11/00

(32)

Strong SW wind and rain.

Verse strong flowage
Ganges need:

+0.51m up/s

illegible d/s

at 1401 hrs on Tues 7/11/00

Water flowing out.

Homings using plumb line
gauge - read

at 1320 hrs. on Th 16/10/00

+0.24 m w/s

+0.20 m d/s

Modest → Strong N wind
Dine.

~~at~~ —————

Vase using plumb line

gauge at 1328 hrs on
Th 16/10/00 read.

+0.40 m w/s

+0.26 m d/s

Water leaking out

A remounted the gauge plate (first time)

(34)

Downing estuary floodgates

Gauges on The 7 Dec 2000
read

+0.08 m u/s

and 0.00 m d/s

at 1320 hrs.

Water trickling out

Vasey estuary floodgates

Gauges read

~~0.00 m~~

+0.35 m u/s

unreadable d/s

at 1328 hrs

on 7/12. Fine - Moderate
SW? wind.

Versa entry flights on
Wed ~~the~~ 20/12/00 (Dec)
1550 hrs

(35)

~~+0.28~~ m u/s
+0.275

illegible d/s

Severe green bloom with
green sensor (u/s)

u/s + d/s

new monitoring equipment
in place

Mod-stormy to wind.

Abnays Inlet mouth
at 1555 hrs. Very
narrow (1 m wide?)

(36)

And shells giving
them sand bar 300m

rest of large post
in bar (shines).

Longs edge of bar

gathers at 1605 pm

Quest:

— 0.13 m u/s

0.00 m d/s

1 set by ~~22~~ in

no green algal bloom
— (u/s or d/s)

"Brower" 97544331
Leon Brower Geolabel (37)
1 km ago (c 9 am)

Wed 27/12/00

- bloom collected

- Smells bad

- from the north

- several large schools of
fish swimming near the
gate

- schools of 20-30 fish.
15-20 cm.

- water level v. similar
either side - slightly higher?
on ocean side.

- ~~low tide~~

- 3 pm with birds again.

0417929
384

(38)

- 6 Leon will be working this
week and next
6 Ralston & Thos next week
could be in
-

Gordon Halliwell : left a
message on his office
answering machine.

Beth Jones "Bm Mary Thomas"
97521 422

(39)

Tues 2 Jan 2001

Votre esting plantyden

ganges read at

1140 hrs

+0.15 n/s (measure)

+0.095 d/s

Water trucky out

(40)

Honnings Inlet sensor
was opened at
5.50 pm on Tues

2 January 2001

(see 64 AST photos
- parts of 2 photos)

Water rushed in from ocean
to Inlet.

Verse ephy floodgate

Gauges read at 6.18 pm

u/s
+ 0.17 m (measured)

+ 0.18 m d/s

(41)

light W wind. Fine.
Thick green, sunny after
bloom u/s.

Water very gently trickling out

Many estuary plants
ganges at 6.29 pm
need

- 0.12 m u/s

+ 0.14 m d/s

Water trickling in

Enormous amount
of data logged.

(42)

TO D

Give spec photos of
opening (machinery)
to Ross Barnett.

Thurs 4 Jan 2001

Rogyn Price (Geo 6th)
rang me late AM to
advise large numbers of
large millet egrets
of Wang Eshy gelio
+ DO is low.

Approx 12.00 I sent
Sue Chest out in
my vehicle to have a
look with Rogyn & then
rang me.

(44)

Agood 1 pm + Amc

very to say 1,000s

large boat yachmen of

Wangy rocky gales.

DO around 4-5 ppm.

100's trying to get out

Tide rising a water
leveling in.

Accumulated yachmen.

Agood 1.00 pm 9

very Chae Pyjott at

Water Lays - asked
for jets to be given
this afternoon. He
said no men available
from Water Lays, but
agreed to meet me
there at (Wang's shop
Phongkies) at 3pm
to open a jet.

1.30 pm I very sure
and asked her to
come ^{but} to Don and
↑

(46)

pick me up to go
to LIA sled to
get boat, which
chains, pulleys etc.

She was just clearing
at base eating supplies
and would then pick
me up (about 1.40 pm)

(47)

Wonnep

Opened gate at 1522 hrs.

Water level $\rightarrow$ estuary
at 1535 hrs.

Wss - 0.15 m (u/s)

(d/s level was +0.18 m)

Gate closed at approx
4.25 pm

Wonnep

^ Gages at 4.35 pm read
- 0.145 m u/s
+ 0.20 d/s

(48)

4.37 pm

Perpend Johnson (2)
(L FBB 110) returned

from as far upriver
as they could go.

Did not set nets -

no fish accessible

"you let them all out"

Little ledge - we didn't
replace the stop blocks
in the gate that we
had opened.

(49)

Versa estuary phragmites
on bed 6 Jan 2001
at 1605 hrs.

gays need

+ 0.11 (measured)

+ 0.39 (u)

Water level in:

Light WNW wind.

Fine - warm - hot,

3 dead mules 20-25 cm

over gaps on up/s side.

in decaying seaweed + mussels.

Severe green $\rightarrow$ brown
algae bloom up/s.

(50) Five 2-5 cm

~~One~~ ^{Two} 2-5 cm fish shagging in
microcreeper bloom

No birds w/s

Many small (1-3 cm) fish
in water on d/s side
healthy. ~~One~~ Bloom
less severe than on w/s
side.

Left at 1620 hrs.

Warming strong flangelets
ganga need

at 1628 hrs.

— 0.13 m

$\frac{4}{2}$ + 0.35 m

Water heating in

(51)

Water "thick" with them

Many 1000's of 1-2 cm fish

on w/s side, ~~in~~ apparently
healthy state.

1 pelican, 1 LPE + 1 WPA
on w/s side. near gates.

millions?

100's of larger (15-25 cm?)

fish on w/s side. apparently
healthy.

Two ^{fish} clear 15 cm fish on
w/s side.

Many 1000's of 15-25 cm
mullet against gates where

(52)

break removed meaning in
the inflowing water

↑
(locking)

and at sea other bags.

(total of 7 bags)

- IF HAD VIDEO CAMS
SEE FISH PRELIMING
FROM OFFICE
- IF HAD POWER-OPERATED
GATE COULD HAVE
OPENED AGAINST LARGE
WAD OF WATER -
IMMEDIATELY
- WE KNOW WHAT TO DO

TO MANAGE SITUATION

(53)

REQUIRED ~~AN~~ FLOW JUST

NEED NEW PLANTINGS

WITH DESIRED FEATURES.

1650 hrs water flowing
in through cut in
bank bet at mouth
of Wang Inlet
home at 1707 pm

Rory Clive Peggitt (wc) at 1713 hrs

I will meet him at Wang

Ising plantings at 10 am

tomorrow (Sunday).

"Not a problem"

(54)

Mr Holger

64 Reynolds

book = letter

97522305

(55)

Various eating phages
from 09.20 -

on Sun 7 Jan 2001

Severe green bloom up
No sign of any fish
except the few dead
mullet ~~of yesterday~~ recounted
yesterday.

Water looking out.
Many large & small fish
d/s of the phages

Fine. Light SW wind. Warm.

Worms eating phages
Severe with a clear
to fly above.

(56)
Wormup

^ Georges at 0848 hrs
need

— 0.12 m up/s

+ 0.075 m off/s

When looking in

Milbrom? of 1-2 cm

frag on up/s side of
jokes

Also some large fish

NOTE THAT THE LARGE
FISH ARE NOT TRYING
AGAINST THE BARRIERS, TRYING
TO GET OUT, LIKE THEY
WERE YESTERDAY. WE
NEED TO BE ABLE TO OPEN

(AS SOON AS) (57)

THE GATES WHEN WE SEE
THE MOUNTAIN. ~~THE~~ "First
Thawdon" IS THE ANSWER,
NOT WAIT TILL HAVE
TWO PEOPLE (AT LEAST ONE
HUMAN COULD) THERE TO DO
THE JOB.

Chris Poffert (WC) would

We opened gate at 1015 hrs.

1019 some will just
wait there

1021-22: - 200 mixed.

1023-24: - 210 "

~~1025-26~~
1025-26: - 170 "

(58)

1027-28 : 160

1029-30 : 120

1031-32 : 230 10-90

1033-34 : 110

1035-36 : 120

1038-39 : 50

missed
in number

1039-40 : 5 (+45 L-2cm)

1041-42 : ~~80~~ 80 (+40 L-2cm)

1043-44 : 10 (+ little)

1045-46 : 100 (+ little)

1047-48 : 70 (+ little)

1049-50 : 210 (—)

(59)

51-52 : 50

54-55 : 10

55-56 : 90

1995

57-58 : 40

2035

59-60 : 0

1101-02 : 1

~~1103-04~~

1104-05 : 40

1106-07 : 120

1108-09 : 7

1110-1111 : 20

1112-1113 : 40

1114-1115 : 20

2293

1116 - closed.

(60)

✓ → 57
 $2283 \times \frac{81}{27} = 4820$ ✓

~~2283
 $\times 2$
 4566~~

$1019 - 1016$
 $= 57 \text{ mm}$

approx ~~4,600~~
~~3,800~~
~~7,800~~ Not counting
1-2 cm
bag.

⇒ Total of c4,800
released today, probably
all market. ~~around~~

↳ Lot of venetian in
size (5-35 cm)

(61)

(Sun 7/1/01 contd)
1130-40 hrs inspected Vase
along fluvialities with Chris.
He will replace paddy system
tomorrow AM. I offered
to help with paint.

Then we will open gates
(consult with Palmer & Brook)

No fish ^{seen} except
one 25 cm mullet swimming
poorly with black patch
on back. (diseased?).

Julian		Vesse		Wormy	
		-0.05		-0.06	
Date	Day	Corrected	Corrected	Corrected	Corrected
20/12	-11	0.275	0.225	-0.13	-0.19
2/1	2	0.15	0.10	-	-
2/1	2	0.17	0.12	-0.12	-0.18
4/1	4	-	-	-0.15	-0.21
6/1	6	0.11	0.06	-0.13	-0.19
7/1	7	-	-	-0.12	-0.18
8/1	8	0.095	0.045	-0.11	-0.17
8/1	8	0.13	0.08	-	-
10/1	10	0.11	0.06	-0.145	-0.205
12/1	12	0.125	0.075	-0.165	-0.225
14/1	14	0.11	0.06	-0.18	-0.24

(64)

These Fishery floats
on mm 8/2/01

8 Opened both flgs,
values at 10.25 cm
on Mon 8/1/01

These extreme floats
ganges at 1034 hrs
need

+ 0.095 u/s

+ 0.13 d/s

Just note out.

(65)

A small amount of food
already up/s of all
flourishes.

Large schools of
fish c 20 in up/s
of flourishes.

Fine, warm - hot,
light - mod ESE wind.

Clear bloom on up/s water
is green - brown.

(65)

A small amount of food
actually up/s of all
flangeless.

Large schools of ~~the~~
food c 20 in up/s
of flangeless.

Fine, warm - hot,
light - mod ESE wind.

Algal bloom on up/s water
is green-brown.

(66)

Wings eating plankton
on 8 km 8/1/00
— 0.11 m w/s

gates
closed

+ 0.07 m d/s
at 1052 hms.

Big beam of water ^{d/s} - good
time of day to photograph.

Some leakage in, mainly
at gate with breaks
every. cc 20-30

20 cm outlet ^{to gate}
and here. ^{little}

gate nearly further up

(67)

the clench. Nothing? of
fry on n/s side of
plungin.

No achoris taken.

1105 hrs on 8/1/91

water flowing in then
cut on shore bar

(69)

Some early flights
at 1642 hrs on Mon 8/4/0

Wells along in fact than
jet geared this AM.

No fuel activity w/s.

Very little fuel activity (much
less than this morning) on
d/s side of jet.

// HAVE THEY ENTERED WASTE
ESOMARY?

Gage at 1650 hrs read

+ 0.13 w/s

+ 0.385 d/s

(70)

~~1658~~
A few c20-25 cm
mullet observed trying
to get out thru closed
bags - ~~disturbance~~
~~←~~

1658 hrs - 1703 + hrs.
"island stream"
25-40
of c. ~~20-25~~ cm mullet
swung out thru green
flag valve.

Left at 1703 hrs.

Wings edging flange in
at 1708 hrs.

Water leaking in but
fish not swimming on surface

(71)

side as on Thurs
+ Sat. - "all"
released?

(72)

Verse estuary phragmites
on Wed 10/1/01
at 1634 hrs.

Water flowing in thru single
open gate. Flow not as
strong as on ~~Tuesday~~ Monday PM.
(disturbed water extends only
3-4 m upstream)

mostly
ganges at 1637 ^{hrs} ~~hrs~~ read =
+0.11 m u/s (measured)

+0.23 m d/s

- strong
Moderate SSW wind.
Fine. Warm.

(73)

No large fresh scratches ~~on~~
on u/s side, little
on d/s side.

Edson still evident
(brown) u/s.

Wangf. Kasky flange
gauge
at 1648 km

~~P.B. 195 m~~

— 0.145 m u/s
(measured)

+ 0.195 m d/s

fresh
One deep pit on u/s
side of flange.

(74)

Water looking in.

Men with jugs on
walking of flange -

Arrests + of small (5-10 m)

for milking in inflow water.

Some of these are small

breeds. Fish released

best study probably included

breed as well as market.



(75)

Worming colony phosphates
at 1636 hrs on Fri

12 Jan 2001 need

— u/s

d/s

4 Great Egrets, 1 LRE, 1 WPhn
Saw at 1000 hrs 20-30 in mallet
milling at at least 6 bags on
u/s side
Opt net get at 1656 hrs

1657 - 58 = 14

59 - 00 = 5

1701 - 02 = 4

many more may
have passed
in lower,
darker
water
(in shadows)

(76)

1703-04 : 77

1705-06 : 75

~~1707-08~~ :

1708-09

~~1709-10~~ :

64

1710-11 : 80

1712-13 : 50

me wedding
Chloe young
to Charles

~~1714-15~~

1715-16 : 12

~~1716-17~~

too hard to
count.

1717-18 : jumping

1719-20 : "

1721-22 : "

1723-24 : jumping

1725-26 : "

1727-28 : "

1730-31 : "

1732-33 : "

1734-35 : "

1737-38 : ?

1740-41 : -

1742 closed the gate (almost)
(down to a brick)

1754 - small beam & other things
- opened & little move
- feet went down

1757 - closed

(78)

Womerep

^

at 1804 hrs (12/1/01)

— 0.165 m u/s

+ 0.335 m d/s

Moderate S wind

Time - Warm.

No large fish activity at
jetty

Left

(79)

Verde day phryganeas
at 1811 hrs.

Water flowing in thru
open gate. Disturbed
water extends 15 m
upstream.

Jenny at ~~1815~~ 1815 hrs near

+ 0.125 up/s

+ 0.41 m d/s

measured.

No fish activity at
the gate.

Green-brown blenny still
evident up/s. Clearer d/s
Left at 1819 hrs.

(40)

Wampum Lake mouth
at 1824 km - (12/1/01)

Water flowing in from
creek in channel,
which appears to have
at least maintained its
original depth & width.

(81)

Lowings Esley plunger
on Wed 17 Aug 2001
at 1413 hrs med

- 0.175 m w/s

+ 0.415 m d/s

Modest SSW wave
Hot - Fine -

High level of outlet
rising - close to up/s
side of jet.

Water leaking in at fast rate
through most gaterays.

(82)

Verne taking photographs
jumper at 1423 hrs
read.

+0.12 w/s

+0.45 d/s

Very fast rate of upflow
from the inner gate
- disturbed water extending
c 60 m upstream!

Blackbird partly open to
reduce opening of gate
from c 25 cm to c 10 cm.

(93)

at 1430 hrs. Substrate
water now extends only
c 20 m upstream.

1434 fish moving out
(fess in a number
cell c 10 cm high)

Heavy fish move
at 1446 hrs. Cont
adult eggs. Very gentle
ripples.

(84)

Went away Th 18/1/01

Arrived at Plymouth
at 0640 hrs.

Tin Black already brown

Brown + mottled in inflow
but not leaving

Opened water - a few left
but most stayed up in
inflow

Closed gate completely at 0800
hrs.

Arrived again at 1515 hrs

Tried to open gate - not
possible - too much lead.

Large amount of Leeches
in part most fly
bees.

Vasse ^{1554 km} at ~~7:54~~ read
↑ + 0.08 u/s
+ 0.58 d/s

^{25 cm}
1 large, dead brown near
gange (u/s)

Probably the one that was
sick this morning.

Photos taken (new 64750)

Removed fish (dead) ^{one}

^{u/s}
Low hindrance (high temp?) of
fish at junction & many
are large brown.

(86)

Wang Esing ghyghes
at 1611 hrs on 18/1/01

gages read

— 0.17 m u/s

+ 0.56 m d/s

Water looking in fast

Water up very clear

Tons of mullet at
the gates (u/s)

87

These early fledglings
on Fri 19/1/01

Arrived at 0510 hrs

Little or no wind left
night.

Opened flaps at 0525 hrs
Moderate flow in

No dead fish.
(mostly < 10 cm)

Tens of milt & milt
at one closed gate (w/s)
& some large brown.

Many fish, ducks, geese,
cows, etc. w/s

Reverse page where has been
lowered (in the past
day or two?)

(88)

Long Islet north of

0600 hrs - tide

flowing in from channel

when waves come.

Long Islet phragmites at

0620 hrs - gentle

heave in. Tens of
millet molly at one
gate (45)

More eddy phragmites
again.

Close gate at 0630 hrs

Saw no fish jumping from

getting well given.

the large part clearly
wps of gels (calyxes ~
the one bag).

Heads of phans, just
gulls etc. on the water
just wps of part head
(approx 400 or wps)

Went to the office, then home
for breakfast. Charlie
Brookhart and me at garage
8:45 ~~am~~^{pm} + sent a man called
"Kurt" but name to say
boy dying at phlogelies
CB then went to phlogelies

(90) (Golden) (home) to catch them
I pay high price + Snellscot to "stand by"

to see for himself.

He then says we are at 9 am.
and compared frog dead
+ dying.

I drove to Horse Floudgates

to join CB, arriving
at about 9.15 am.

Billions of live frog (1-2 cm)

constantly ingested of the
floudgates. Thousands gorging

at surface. Shallow areas

of S + N beds near gates
"clogged" with dead frog.

A series hundred dead frog
at surface near gate.

many thousands of.

10-11
(71)
CB and I watched the
floodgate open again at
approx 0925 hrs. No

fry or larger fish moved thru
opening. Moderate

flow in. Wind spring
up from SW. Strong
wind forecast for this afternoon.

I left CB to watch for
15' ~~max~~ min + then to
check (CB) at Bellport Rd.

I drove home (Vero winding).
Ran RP + SE on the way +
didn't need it just yet.

Maybe do DO people with RP
this afternoon.

92

Close by flutings

at 1320 hrs on Fri 18/1

Took more photos ^(→ N°13) of dead flutings

They extend 40 m along S shore

Closed gate at 1345 hrs
due to very fast inflow rate.

at 1355 hrs

Vasse +0.12 m u/s
A +0.435 m d/s

9m
9m

low level of mud & mucky organic
Mudstone SW wind & fine

Worms

(93)

Wings Eking
flycatcher
at 1407 hrs on 19/1/01

- 0.22 m w/s

+ 0.385 m d/s

Thousands of jays
w/s

Water clear

Low level of
small mudflat -
nothing at jetties

1 Filled stream
in water

Bellinnet Rd - no dead - 1415 hrs -

Woburn Rd - no dead - 1418 hrs

Photographed on 7/1/01 from Notebook #33 (3/7/99-25/11/99) 2

Vasse

Upstream

0 → 1 m WRC gauge plate

Deduct ~~0.05~~ 0.05 m

Remain to get true AHD

1 → 2 m WRC gauge plate

Deduct 0.04 m to get true AHD

Downstream

0 → 1 m WRC gauge plate

Deduct 0.11 m to get true AHD

1 → 2 m WRC gauge plate

Deduct 0.08 m to get true AHD

↑ (22/10/99)

(taken from account of "01/02/99"
on file kept by Yomane for
WRC buffer valve)

Yomane

Upstream

0 → 1 m WRC gauge plate

Deduct 0.06 m to get true AHD

WRC gauge plate

Downstream

0 → 1 m WRC gauge plate

Deduct 0.04 m to get true AHD