

DATA LOGGER DEPLOYMENT HISTORY: TRANSECT B

Each entry consists of 6 or 7 lines. The first line gives the instrument box number (e.g. 4c10), transect, and station location in feet from station B000 at the northwest end of the transect. The second line gives the start time (military clock) and date, while the third line gives the end time and date. The fourth line gives the number of observations taken during the deployment, which can be used to calculate the date and time of each observation. The fifth and sixth lines give the nominal depths of the piezometers assigned to each channel. One observation consists of reading the data on each channel. Any additional lines in an entry are remarks. **No guarantee is given that the information in this file is complete or entirely accurate, nor is it to be assumed that every entry in the file yielded head data that could be calibrated, edited, and archived. For the actual depths of the deepest piezometer at each station refer to Masters thesis by R. Keenan (1994) or to ancillary data file PZDEPTHs.**

4c10 transect B 000
 Start time: 1644 start date: 082695
 end time: 0935 end date: 082795
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: box not started?

4c10 transect B 000
 Start time: 0939 start date: 082795
 end time: 0935 end date: 090395
 # of observations: 0963
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

4c29 transect B 050
 Start time: 1642 start date: 082695
 end time: 0940 end date: 082795
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 2 16

4c29 transect B 050
 Start time: 0941 start date: 082795
 end time: 0943 end date: 090395
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

Remarks: trouble at the buffalo and at “get 4”, it would not retrieve data.

4c15 transect B 070
 Start time: 1647 start date: 082695
 end time: 0943 end date: 082795
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

02 04 12 16

4c04 transect B 150

Start time: 1659 start date: 082695

end time: 0959 end date: 082795

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 08 12

Remarks: no data recorded.

4c04 transect B 150

Start time: 1002 start date: 082795

end time: 1020 end date: 090395

of observations: 0583

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c49 transect B 170

Start time: 1700 start date: 082695

end time: 1003 end date: 082795

of observations: 0091

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c49 transect B 170

Start time: 1004 start date: 082795

end time: 1023 end date: 090395

of observations: 0903

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c24 transect B 212

Start time: 1703 start date: 082695

end time: 1006 end date: 082795

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c24 transect B 212

Start time: 1009 start date: 082795

end time: 1030 end date: 090395

of observations: 0760

ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c11 transect B 240

Start time: 1703 start date: 082695

end time: 1011 end date: 082795

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 08 16
Remarks: no data.

4c11 transect B 240
Start time: 1014 start date: 082795
end time: ---- end date: 090395

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 12 tide
Remarks: bad battery- data lost,not able to communicate.

4c05 transect B 280
Start time: 1707 start date: 082695
end time: 1016 end date: 082795

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 08 16
Remarks: no data.

4c05 transect B 280
Start time: 1018 start date: 082795
end time: 1043 end date: 090395

ch 4 ch 5 ch 6 ch 7 # of observations: 0745
02 08 12 --

4c46 transect B 316
Start time: 1711 start date: 082695
end time: 1019 end date: 082795

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 08 16

4c46 transect B 316
Start time: 1021 start date: 082795
end time: 1049 end date: 090395

ch 4 ch 5 ch 6 ch 7 # of observations: 0906
02 04 08 16

4c28 transect B 352
Start time: 1717 start date: 082695
end time: 1022 end date: 082795

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 08 16
Remarks: no data.

4c28 transect B 352
Start time: 1104 start date: 082795
end time: 1455 end date: 090395
of observations: 0765
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1715 start date: 082695
end time: 1025 end date: 082795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c17 transect B 372
Start time: 1027 start date: 082795
end time: 1459 end date: 090395
of observations: 0569
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1719 start date: 082695
end time: 1029 end date: 082795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c02 transect B 392
Start time: 1050 start date: 082795
end time: 1510 end date: 090395
of observations: 0862
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1721 start date: 082695
end time: 1029 end date: 082795
of observations: 0076
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1032 start date: 082795
end time: 1508 end date: 090395
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

Remarks: all FF not right.

4c06 transect B 432
Start time: 1722 start date: 082695
end time: 1034 end date: 082795
of observations: 0079
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c06 transect B 432
Start time: 1035 start date: 082795
end time: 1516 end date: 090395
of observations: 0796
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 1724 start date: 082695
end time: ---- end date: 082795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: wasn't started properly.

4c55 transect B 482
Start time: 1038 start date: 082795
end time: ---- end date: 090395
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: all FF not started.

4c10 transect B 000
Start time: 0941 start date: 090395
end time: 1626 end date: 091295
of observations: 1277
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: 0951 start date: 090395
end time: 1615 end date: 091295
of observations: 1262
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1002 start date: 090395
end time: ---- end date: 091295

of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: all FF's was not started.

4c47 transect B 090
Start time: 1003 start date: 090395
end time: 1554 end date: 091295
 # of observations: 1145
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1015 start date: 090395
end time: ---- end date: 091295
 # of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: would not buffalo, maybe battery?

4c43 transect B 130
Start time: 1016 start date: 090395
end time: 1544 end date: 091295
 # of observations: 1127
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1028 start date: 090395
end time: 1534 end date: 091295
 # of observations: 0766
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1027 start date: 090395
end time: 1530 end date: 091295
 # of observations: 1189
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1033 start date: 090395
end time: 1515 end date: 091295
 # of observations: 0994
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1041 start date: 090395
end time: 1503 end date: 091295
of observations: 1016
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1046 start date: 090395
end time: 1455 end date: 091295
of observations: 0955
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1454 start date: 090395
end time: 1446 end date: 091295
of observations: 1161
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1506 start date: 090395
end time: 1425 end date: 091295
of observations: 0002
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: only took 2 samples, the rest were FF's.

4c17 transect B 372
Start time: 1505 start date: 090395
end time: 1427 end date: 091295
of observations: 0710
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1514 start date: 090395
end time: 1413 end date: 091295
of observations: 1074
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1515 start date: 090395
end time: 1410 end date: 091295
of observations: 0965
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
 Start time: 1518 start date: 090395
 end time: 1353 end date: 091295
 # of observations: 0992
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c55 transect B 482
 Start time: 1523 start date: 090395
 end time: 1347 end date: 091295
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: all FF's did not start.

4c10 transect B 000
 Start time: 1630 start date: 09120395
 end time: 1235 end date: 092495
 # of observations: 1631
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: channel 4 all zeroes.

4c29 transect B 050
 Start time: 1622 start date: 091295
 end time: 1226 end date: 092495
 # of observations: 1612
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c15 transect B 070
 Start time: 1612 start date: 091295
 end time: 1207 end date: 092495
 # of observations: 1396
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: reload 4 channel.

4c47 transect B 090
 Start time: 1614 start date: 091295
 end time: 1203 end date: 092495
 # of observations: 1465
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c52 transect B 110
 Start time: 1552 start date: 091295

end time: ---- end date: 092495
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: would not buffalo, check battery?

4c43 transect B 130
Start time: 1450 start date: 091295
end time: 1143 end date: 092495
of observations: 1448
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1539 start date: 091295
end time: 1132 end date: 092495
of observations: 0984
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1546 start date: 091295
end time: 1127 end date: 092495
of observations: 1526
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1528 start date: 091295
end time: 1113 end date: 092495
of observations: 1279
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1507 start date: 091295
end time: 1103 end date: 092495
of observations: 1308
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1501 start date: 091295
end time: 1048 end date: 092495
of observations: 1253
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1453 start date: 091295
end time: 1040 end date: 092495
of observations: 1528
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1439 start date: 091295
end time: 1023 end date: 092495
of observations: 1283
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1435 start date: 091295
end time: 1026 end date: 092495
of observations: 0936
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1419 start date: 091295
end time: 1008 end date: 092495
of observations: 1418
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1423 start date: 091295
end time: 1005 end date: 092495
of observations: 1274
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1359 start date: 091295
end time: 0957 end date: 092495
of observations: 1311
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 1407 start date: 091295
end time: ---- end date: 092495
of observations: 0001
ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: took only 1 sample, all other blocks FF's.

4c10 transect B 000
Start time: 1241 start date: 092495
end time: 1050 end date: 100795
of observations: 1783
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: 1232 start date: 092495
end time: 1042 end date: 100765
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: no #'s messing up in "get 4".

4c15 transect B 070
Start time: 1213 start date: 092495
end time: 1033 end date: 100795
of observations: 1526
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1222 start date: 092495
end time: 1029 end date: 100795
of observations: 1602
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1200 start date: 092495
end time: ---- end date: 100795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: would not buffalo, maybe battery?

4c43 transect B 130
Start time: 1158 start date: 092495
end time: ---- end date: 100795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not buffalo, this box is not sealed well.

4c04 transect B 150
Start time: 1137 start date: 092495

end time: 1006 end date: 100795
of observations: 1078
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1138 start date: 092495
end time: 1003 end date: 100795
of observations: 1674
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1118 start date: 092495
end time: ---- end date: 100795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: all 00's, appeared to be a short in the battery connections.

4c11 transect B 240
Start time: 1110 start date: 092495
end time: 1207 end date: 100795
of observations: 1334
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1059 start date: 092495
end time: 1158 end date: 100795
of observations: 1279
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1046 start date: 092495
end time: 1143 end date: 100795
of observations: 1561
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1036 start date: 092495
end time: 1113 end date: 100795
of observations: 1286
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1034 start date: 092495
end time: 1116 end date: 100795
 # of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: locked in "get 4" retried 3 times.

4c02 transect B 392
Start time: 1013 start date: 092495
end time: 1101 end date: 100795
 # of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: locked in "get 4", retried 3 times.

4c20 transect B 412
Start time: 1016 start date: 092495
end time: 1059 end date: 100795
 # of observations: 1300
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1002 start date: 092495
end time: 0949 end date: 100795
 # of observations: 1331
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 0954 start date: 092495
end time: 0941 end date: 100795
 # of observations: 0001
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: took just 1 sample, all other blocks were FF.

4c10 transect B 000
Start time: 1055 start date: 100795
end time: 1444 end date: 101595
 # of observations: 1123
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: 1049 start date: 100795
end time: 1446 end date: 101565
 # of observations: 1113

ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: no #'s messing up in "get 4".

4c15 transect B 070
Start time: 1048 start date: 100795
end time: 1455 end date: 101595
of observations: 0965
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1040 start date: 100795
end time: 1452 end date: 101595
of observations: 1013
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1026 start date: 100795
end time: 1459 end date: 101595
of observations: 1210
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: 1024 start date: 100795
end time: 1503 end date: 101595
of observations: 1004
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1015 start date: 100795
end time: 1511 end date: 101595
of observations: 0684
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1014 start date: 100795
end time: 1509 end date: 101595
of observations: 1064
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1000 start date: 100795

end time: 1435 end date: 101595
of observations: 0886
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1211 start date: 100795
end time: 1430 end date: 101595
of observations: 1007
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1204 start date: 100795
end time: 1426 end date: 101595
of observations: 0966
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1150 start date: 100795
end time: 1421 end date: 101595
of observations: 1178
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1127 start date: 100795
end time: 1414 end date: 101595
of observations: 0788
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1122 start date: 100795
end time: 1416 end date: 101595
of observations: 0723
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1109 start date: 100795
end time: 1409 end date: 101595
of observations: 1094
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412

Start time: 1111 start date: 100795
end time: 1406 end date: 101595
of observations: 0985
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1002 start date: 100795
end time: 1400 end date: 101595
of observations: 1015
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: very difficult box to get past the buffalo.

4c55 transect B 482
Start time: 0945 start date: 100795
end time: ---- end date: 101595
of observations: 0001
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: took just 1 sample, all other blocks were FF.

4c10 transect B 000
Start time: 1128 start date: 101795
end time: 1004 end date: 102795
of observations: 1368
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: did not download data for reason unknown.

4c29 transect B 050
Start time: 1123 start date: 101795
end time: 1037 end date: 102795
of observations: 1363
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: took 10 minutes to get past buffalo prompt.

4c15 transect B 070
Start time: 1118 start date: 101795
end time: 1020 end date: 102795
of observations: 1174
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1120 start date: 101795
end time: 1016 end date: 102795
of observations: 1236
ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c52 transect B 110
Start time: 1114 start date: 101795
end time: ---- end date: 102795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: bad battery.

4c43 transect B 130
Start time: 1111 start date: 101795
end time: 1050 end date: 102795
of observations: 1224
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not communicate, took 25 minutes to get past buffalo.

4c04 transect B 150
Start time: 1107 start date: 101795
end time: 1113 end date: 102795
of observations: 0836
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1109 start date: 101795
end time: 1110 end date: 102795
of observations: 1294
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1017 start date: 101795
end time: 1124 end date: 102795
of observations: 1090
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1021 start date: 101795
end time: ---- end date: 102795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide
Remarks: all 00's, did not sample.

4c05 transect B 280

Start time: 1027 start date: 101795
end time: 0952 end date: 102795
of observations: 1059
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1032 start date: 101795
end time: 0946 end date: 102795
of observations: 1289
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1040 start date: 101795
end time: 1435 end date: 102795
of observations: 0894
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1037 start date: 101795
end time: ---- end date: 102795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: cannot get past the buffalo message.

4c02 transect B 392
Start time: 1048 start date: 101795
end time: 1420 end date: 102795
of observations: 1598
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1051 start date: 101795
end time: 1414 end date: 102795
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: would download at "get4".

4c06 transect B 432
Start time: 1054 start date: 101795
end time: 1407 end date: 102795
of observations: 1014
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
 Start time: 1058 start date: 101795
 end time: 1401 end date: 102795
 # of observations: 0001
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: took just 1 sample, all other blocks were FF.

4c10 transect B 000
 Start time: 1014 start date: 102795
 end time: 1658 end date: 110595
 # of observations: 1256
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

4c29 transect B 050
 Start time: 1047 start date: 102795
 end time: 1706 end date: 110595
 # of observations: 1276
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c15 transect B 070
 Start time: 1027 start date: 102795
 end time: 1716 end date: 110595
 # of observations: 1099
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

4c47 transect B 090
 Start time: 1036 start date: 102795
 end time: 1712 end date: 110595
 # of observations: 1159
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c52 transect B 110
 Start time: 1107 start date: 102795
 end time: ---- end date: 110595
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: would not communicate.

4c43 transect B 130
 Start time: 1105 start date: 102795
 end time: 1731 end date: 110595

ch 4 ch 5 ch 6 ch 7 # of observations: 1146
02 04 12 16

4c04 transect B 150
Start time: 1119 start date: 102795
end time: 1742 end date: 110595
of observations: 0780

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1121 start date: 102795
end time: 1739 end date: 110595
of observations: 1206

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 102795
end time: ---- end date: 110595
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: when I got the buffalo + hit return the computer started scrolling "too long".

4c11 transect B 240
Start time: 1001 start date: 102795
end time: 1645 end date: 110595
of observations: 1035

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 0956 start date: 102795
end time: 1634 end date: 110595
of observations: 0991

ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 0949 start date: 102795
end time: 1626 end date: 110595
of observations: 1207

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352

Start time: 1450 start date: 102795
end time: 1615 end date: 110595
of observations: 1057
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1447 start date: 102795
end time: 1618 end date: 110595
of observations: 0804
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1427 start date: 102795
end time: 1604 end date: 110595
of observations: 1213
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1432 start date: 102795
end time: 1600 end date: 110595
of observations: 1095
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1413 start date: 102795
end time: 1554 end date: 110595
of observations: 1124
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 1405 start date: 102795
end time: ---- end date: 110595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: would not communicate.

4c10 transect B 000
Start time: 1703 start date: 110595
end time: 1451 end date: 111595
of observations: 1369
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: 1710 start date: 110595
end time: 1458 end date: 111595
of observations: 1364
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1724 start date: 110595
end time: 1509 end date: 111595
of observations: 1167
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1726 start date: 110595
end time: 1506 end date: 111595
of observations: 1238
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1738 start date: 110595
end time: ---- end date: 111595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: would not talk; suggest changing the connectors on all boxes; corrosion.

4c43 transect B 130
Start time: 1736 start date: 110595
end time: 1521 end date: 111595
of observations: 1222
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1747 start date: 110595
end time: 1537 end date: 111595
of observations: 0834
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1749 start date: 110595
end time: 1533 end date: 111595
of observations: 1287
ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c24 transect B 212
Start time: ---- start date: 110595
end time: ---- end date: 111595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: down/scrolling.

4c11 transect B 240
Start time: 1650 start date: 110595
end time: ---- end date: 111595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide
Remarks: mostly 00's.

4c05 transect B 280
Start time: 1644 start date: 110595
end time: 1436 end date: 111595
of observations: 1058
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1631 start date: 110595
end time: 1429 end date: 111595
of observations: 1290
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1623 start date: 110595
end time: 1415 end date: 111595
of observations: 1086
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1622 start date: 110595
end time: ---- end date: 111595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: had over 1 million data points, something corrupted.

4c02 transect B 392

Start time: 1610 start date: 110595
end time: 1400 end date: 111595
of observations: 1187
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: reset button acting up/ hung up in the "get 4".

4c20 transect B 412
Start time: 1612 start date: 110595
end time: 1356 end date: 111595
of observations: 1079
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1559 start date: 110595
end time: 1350 end date: 111595
of observations: 1105
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 110595
end time: ---- end date: 111595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: down.

4c10 transect B 000
Start time: 1456 start date: 111595
end time: 1424 end date: 112595
of observations: 1377
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: no data in 2 ft. channel.

4c29 transect B 050
Start time: 1505 start date: 111595
end time: 1432 end date: 112595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: took way to many samples, could not find the end of the file.

4c15 transect B 070
Start time: 1516 start date: 111595
end time: 1449 end date: 112595
of observations: 1176

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090

Start time: 1517 start date: 111595

end time: 1446 end date: 112595

of observations: 1247

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110

Start time: 1536 start date: 111595

end time: ---- end date: 112595

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: would not buffalo.

4c43 transect B 130

Start time: 1529 start date: 111595

end time: 1459 end date: 112595

of observations: 1231

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150

Start time: 1546 start date: 111595

end time: 1513 end date: 112595

of observations: 0842

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170

Start time: 1547 start date: 111595

end time: 1510 end date: 112595

of observations: 1298

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212

Start time: ---- start date: 111595

end time: ---- end date: 112595

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: down.

4c11 transect B 240

Start time: 1446 start date: 111595
end time: 1411 end date: 112595
of observations: 1111
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1440 start date: 111595
end time: 1404 end date: 112595
of observations: 1067
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1433 start date: 111595
end time: 1357 end date: 112595
of observations: 1300
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1426 start date: 111595
end time: 1349 end date: 112595
of observations: 1105
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 111595
end time: ---- end date: 112595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: down, would not buffalo.

4c02 transect B 392
Start time: 1410 start date: 111595
end time: 1336 end date: 112595
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: locked in "get 4".

4c20 transect B 412
Start time: 1412 start date: 111595
end time: 1332 end date: 112595
of observations: 1088
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
 Start time: 1354 start date: 111595
 end time: 1326 end date: 112595
 # of observations: 1114
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c55 transect B 482
 Start time: ---- start date: 111595
 end time: ---- end date: 112595
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remarks: down.

4c10 transect B 000
 Start time: 1429 start date: 112595
 end time: 1339 end date: 120695
 # of observations: 1526
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

4c29 transect B 050
 Start time: 1443 start date: 112595
 end time: 1544 end date: 120695
 # of observations: 29696
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16
 Remarks: this box is very difficult to communicate with. Too many samples, would take to long to download.

4c15 transect B 070
 Start time: 1454 start date: 112595
 end time: 1553 end date: 120695
 # of observations: 1301
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16

4c47 transect B 090
 Start time: 1455 start date: 112595
 end time: 1551 end date: 120695
 # of observations: 1379
 ch 4 ch 5 ch 6 ch 7
 02 04 12 16

4c52 transect B 110
 Start time: 1557 start date: 112595

end time: ---- end date: 120695
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not communicate check battery.

4c43 transect B 130
Start time: 1506 start date: 112595
end time: 1603 end date: 120695
of observations: 1361
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1519 start date: 112595
end time: 1616 end date: 120695
of observations: 0929
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1521 start date: 112595
end time: 1611 end date: 120695
of observations: 1435
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 112595
end time: ---- end date: 120695
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: down.

4c11 transect B 240
Start time: 1415 start date: 112595
end time: 1532 end date: 120695
of observations: 0686
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1409 start date: 112595
end time: 1527 end date: 120695
of observations: 1180
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1401 start date: 112595
end time: 1521 end date: 120695
of observations: 1440
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1354 start date: 112595
end time: 1516 end date: 120695
of observations: 1224
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 112595
end time: ---- end date: 120695
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1344 start date: 112595
end time: 1505 end date: 120695
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: something wrong with this box.

4c20 transect B 412
Start time: 1346 start date: 112595
end time: 1502 end date: 120695
of observations: 1204
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1330 start date: 112595
end time: 1456 end date: 120695
of observations: 1331
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark; locked at "get 4".

4c55 transect B 482
Start time: ---- start date: 112595
end time: ---- end date: 120695

02 04 08 12

4c17 transect B 372

Start time: ---- start date: 120695

end time: ---- end date: 121895

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 08 12

Remark: down.

4c02 transect B 392

Start time: 1512 start date: 120695

end time: 1015 end date: 121895

of observations: 1294

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c20 transect B 412

Start time: 1514 start date: 120695

end time: 1012 end date: 121895

of observations: 1177

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c06 transect B 432

Start time: 1501 start date: 120695

end time: 1026 end date: 121895

of observations: 1206

ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c55 transect B 482

Start time: ---- start date: 120695

end time: ---- end date: 121895

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 08 16

Remark: down.

4c10 transect B 000

Start time: 1125 start date: 121895

end time: 1345 end date: 122895

of observations: 0969

ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c29 transect B 050

Start time: 1119 start date: 121895

end time: 1338 end date: 122895
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: took way too many samples.

4c15 transect B 070
Start time: 1107 start date: 121895
end time: 1321 end date: 122895
of observations: 0970
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1109 start date: 121895
end time: 1318 end date: 122895
of observations: 0968
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1101 start date: 121895
end time: ---- end date: 122895
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not buffalo.

4c43 transect B 130
Start time: 1100 start date: 121895
end time: 1308 end date: 122895
of observations: 1065
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1044 start date: 121895
end time: 1257 end date: 122895
of observations: 0940
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1046 start date: 121895
end time: 1254 end date: 122895
of observations: 1065
ch 4 ch 5 ch 6 ch 7
02 04 08 12

ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: will not communicate, bad battery.

4c20 transect B 412
Start time: 1022 start date: 121895
end time: 1227 end date: 122895
of observations: 1065
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1030 start date: 121895
end time: 1240 end date: 122895
of observations: 1057
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 121895
end time: ---- end date: 122895
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1349 start date: 122895
end time: 1543 end date: 010696
of observations: 1255
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: 1345 start date: 122895
end time: 1534 end date: 010696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: cannot find the end of the file - too many samples.

4c15 transect B 070
Start time: 1326 start date: 122895
end time: 1524 end date: 010696
of observations: 1069
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1336 start date:122895
end time: 1520 end date: 010696
of observations: 1136
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1316 start date: 122895
end time: 1504 end date: 010696
of observations: 1346
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: 1315 start date: 122895
end time: 1508 end date: 010696
of observations: 1121
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1304 start date: 122895
end time: 1452 end date: 010696
of observations: 0767
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1305 start date: 122895
end time: 1448 end date: 010696
of observations: 1182
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 122895
end time: ---- end date: 010696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1202 start date: 122895
end time: 1437 end date: 010696
of observations: 1016
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1209 start date: 122895
end time: 1430 end date: 010696
of observations: 0973
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1216 start date: 122895
end time: 1422 end date: 010696
of observations: 1184
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1225 start date: 122895
end time: 1400 end date: 010696
of observations: 1000
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 122895
end time: ---- end date: 010696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1235 start date: 122895
end time: 1349 end date: 010696
of observations: 1085
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1238 start date: 122895
end time: 1345 end date: 010696
of observations: 0988
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1246 start date: 122895
end time: 1388 end date: 010696
of observations: 1010

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 122895
end time: ---- end date: 010696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1548 start date: 010696
end time: ---- end date: 011796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not buffalo, check battery.

4c29 transect B 050
Start time: 1541 start date: 010696
end time: 1047 end date: 011796
of observations: 0581
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1529 start date: 010696
end time: 1057 end date: 011796
of observations: 1272
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1531 start date: 010696
end time: 1054 end date: 011796
of observations: 1354
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1517 start date: 010696
end time: ---- end date: 011796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not buffalo.

4c43 transect B 130
Start time: 1515 start date: 010696
end time: 1110 end date: 011796
of observations: 1340
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1457 start date: 010696
end time: 1122 end date: 011796
of observations: 0919
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1501 start date: 010696
end time: 1119 end date: 011796
of observations: 1414
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 010696
end time: ---- end date: 011796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1444 start date: 010696
end time: 1035 end date: 011796
of observations: 1208
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1435 start date: 010696
end time: 1028 end date: 011796
of observations: 1161
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1428 start date: 010696
end time: 1021 end date: 011796
of observations: 1416
ch 4 ch 5 ch 6 ch 7
02 04 08 16

end time: ---- end date: 012896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: will not buffalo.

4c29 transect B 050
Start time: 1051 start date: 011795
end time: ---- end date: 012896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 1103 start date: 011795
end time: 1320 end date: 012896
of observations: 1307
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1106 start date: 011795
end time: 1317 end date: 012896
of observations: 1388
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1117 start date: 011795
end time: ---- end date: 012896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not buffalo.

4c43 transect B 130
Start time: 1115 start date: 011795
end time: 1331 end date: 012896
of observations: 1371
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1127 start date: 011795
end time: 1344 end date: 012896
of observations: 0938
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1128 start date: 011795
end time: 1341 end date: 012896
of observations: 1445
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 011795
end time: ---- end date: 012896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1038 start date: 011795
end time: 1300 end date: 012896
of observations: 1237
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1032 start date: 011795
end time: 1253 end date: 012896
of observations: 1187
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1025 start date: 011795
end time: 1246 end date: 012896
of observations: 1440
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1019 start date: 011795
end time: 1240 end date: 012896
of observations: 1224
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 011795
end time: ---- end date: 012896
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 12

Remark: down.

4c02 transect B 392
Start time: 1011 start date: 011795
end time: 1230 end date: 012896
of observations: 1330

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1013 start date: 011795
end time: 1225 end date: 012896
of observations: 1209

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1004 start date: 011795
end time: 1218 end date: 012896
of observations: 1239

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 011795
end time: ---- end date: 012896
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: down.

4c10 transect B 000
Start time: 1046 start date: 012896
end time: ---- end date: 020796
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: will not buffalo.

4c29 transect B 050
Start time: 1051 start date: 012896
end time: ---- end date: 020796
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 16

Remark: destroyed/smashed by falling tree.

02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1038 start date: 012896
end time: 1300 end date: 020796
of observations: 1237
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1032 start date: 012896
end time: 1253 end date: 020796
of observations: 1187
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1025 start date: 012896
end time: 1246 end date: 020796
of observations: 1440
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1019 start date: 012896
end time: 1240 end date: 020796
of observations: 1224
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 012896
end time: ---- end date: 020796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1011 start date: 012896
end time: 1230 end date: 020796
of observations: 1330
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1013 start date: 012896

end time: 1225 end date: 020796
of observations: 1209
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1004 start date: 012896
end time: 1218 end date: 020796
of observations: 1239
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 012896
end time: ---- end date: 020796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1313 start date: 020796
end time: ---- end date: 021896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: will not buffalo.

4c29 transect B 050
Start time: ---- start date: 020796
end time: ---- end date: 021896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 1326 start date: 020796
end time: 1437 end date: 021896
of observations: 1185
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1328 start date: 020796
end time: 1433 end date: 021896
of observations: 1260
ch 4 ch 5 ch 6 ch 7
02 04 12 16

ch 4 ch 5 ch 6 ch 7 # of observations: 1077
02 08 12 --

4c46 transect B 316
Start time: 1251 start date: 020796
end time: 1359 end date: 021896
of observations: 1312
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1243 start date: 020796
end time: 1351 end date: 021896
of observations: 1118
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 020796
end time: ---- end date: 021896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1235 start date: 020796
end time: 1341 end date: 021896
of observations: 1203
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1238 start date: 020796
end time: 1337 end date: 021896
of observations: 1100
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1224 start date: 020796
end time: ---- end date: 021896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: would not buffalo.

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1519 start date: 021896
end time: 1151 end date: 030396
of observations: 1234

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1521 start date: 021896
end time: 1148 end date: 030396
of observations: 1671

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 021896
end time: ---- end date: 030396
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: down.

4c11 transect B 240
Start time: 1427 start date: 021896
end time: ---- end date: 030396
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

Remark: would not buffalo.

4c05 transect B 280
Start time: 1433 start date: 021896
end time: 1103 end date: 030396
of observations: 1372

ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1446 start date: 021896
end time: 1056 end date: 030396
of observations: 1671

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352

Start time: 1446 start date: 021896
end time: 1049 end date: 030396
of observations: 1422
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 021896
end time: ---- end date: 030396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1457 start date: 021896
end time: ---- end date: 030396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: would not buffalo.

4c20 transect B 412
Start time: 1459 start date: 021896
end time: 1036 end date: 030396
of observations: 1393
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1505 start date: 021896
end time: 1028 end date: 030396
of observations: 1427
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 021896
end time: ---- end date: 030396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1119 start date: 030396
end time: ---- end date: 031696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: will not buffalo.

4c29 transect B 050

Start time: ---- start date: 030396

end time: ---- end date: 031696

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 12 16

Remark: destroyed/smashed by falling tree.

4c15 transect B 070

Start time: 1132 start date: 030396

end time: 0809 end date: 031696

of observations: 1633

ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c47 transect B 090

Start time: 1134 start date: 030396

end time: 0805 end date: 031696

of observations: 1733

ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c52 transect B 110

Start time: 1145 start date: 030396

end time: ---- end date: 031696

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 08 16

Remark: would not buffalo.

4c43 transect B 130

Start time: 1144 start date: 030396

end time: 0818 end date: 031696

of observations: 1714

ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c04 transect B 150

Start time: 1155 start date: 030396

end time: 0828 end date: 031696

of observations: 1169

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c49 transect B 170

Start time: 1157 start date: 030396

end time: ---- end date: 031696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: would not buffalo.

4c24 transect B 212
Start time: ---- start date: 030396
end time: ---- end date: 031696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1112 start date: 030396
end time: 0753 end date: 031696
of observations: 1262
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1107 start date: 030396
end time: 0747 end date: 031696
of observations: 1481
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1100 start date: 030396
end time: 0740 end date: 031696
of observations: 1806
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1053 start date: 030396
end time: 0734 end date: 031696
of observations: 1535
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 030396
end time: ---- end date: 031696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

of observations: 1540
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 0815 start date: 031696
end time: 0947 end date: 032996
of observations: 1629

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: ---- start date: 031696
end time: ---- end date: 032996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: no battery power.

4c43 transect B 130
Start time: 0823 start date: 031696
end time: 1001 end date: 032996
of observations: 1613

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 0833 start date: 031696
end time: 1014 end date: 032996
of observations: 1100

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 0835 start date: 031696
end time: 1011 end date: 032996
of observations: 1699

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 031696
end time: ---- end date: 032996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240

Start time: 0757 start date: 031696
end time: ---- end date: 032996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide
Remark: would not buffalo.

4c05 transect B 280
Start time: 0751 start date: 031696
end time: 0924 end date: 032996
of observations: 1395
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 0744 start date: 031696
end time: ---- end date: 032996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not buffalo.

4c28 transect B 352
Start time: 0738 start date: 031696
end time: 0908 end date: 032996
of observations: 1453
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 031696
end time: ---- end date: 032996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 0728 start date: 031696
end time: 0858 end date: 032996
of observations: 1567
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0730 start date: 031696
end time: 0854 end date: 032996
of observations: 1421
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0716 start date: 031696
end time: 0847 end date: 032996
of observations: 1457
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 031696
end time: ---- end date: 032996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 0845 start date: 032996
end time: 0826 end date: 041196
of observations: 1783
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: ---- start date: 032996
end time: ---- end date: 041196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 0954 start date: 032996
end time: 0836 end date: 041196
of observations: 1521
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 0958 start date: 032996
end time: 0833 end date: 041196
of observations: 1611
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 1009 start date: 032996
end time: ---- end date: 041196
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: would not buffalo.

4c43 transect B 130

Start time: 1007 start date: 032996

end time: 0842 end date: 041196

of observations: 1593

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150

Start time: 1019 start date: 032996

end time: ---- end date: 041196

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 12

Remark: inadvertently disscconnected battery connection.

4c49 transect B 170

Start time: 1020 start date: 032996

end time: 0854 end date: 041196

of observations: 1676

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212

Start time: ---- start date: 032996

end time: ---- end date: 041196

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: down.

4c11 transect B 240

Start time: 0934 start date: 032996

end time: 0818 end date: 041196

of observations: 1477

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280

Start time: 0929 start date: 032996

end time: 0811 end date: 041196

of observations: 1376

ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 0921 start date: 032996
end time: 1234 end date: 041196
of observations: 1574
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 0915 start date: 032996
end time: 1227 end date: 041196
of observations: 1338
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 032996
end time: ---- end date: 041196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 0904 start date: 032996
end time: 1214 end date: 041196
of observations: 1450
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0905 start date: 032996
end time: 1206 end date: 041196
of observations: 1314
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0852 start date: 032996
end time: 1200 end date: 041196
of observations: 1348
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 032996
end time: ---- end date: 041196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 0831 start date: 041196
end time: 1540 end date: 042296
of observations: 1560
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: ---- start date: 041196
end time: ---- end date: 042296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 0840 start date: 041196
end time: 1450 end date: 042296
of observations: 1335
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 0841 start date: 041196
end time: 1546 end date: 042296
of observations: 1405
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c52 transect B 110
Start time: 0851 start date: 041196
end time: ---- end date: 042296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: never communicates.

4c43 transect B 130
Start time: 0850 start date: 041196
end time: 1602 end date: 042296
of observations: 1391
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 0903 start date: 041196
end time: 1615 end date: 042296

ch 4 ch 5 ch 6 ch 7 # of observations: 0945
02 04 08 12

4c49 transect B 170
Start time: 0905 start date: 041196
end time: 1612 end date: 042296
of observations: 1466

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 041196
end time: ---- end date: 042296
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remark: down.

4c11 transect B 240
Start time: 0821 start date: 041196
end time: ---- end date: 042296
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

Remark: all blocks were "00's", no data.

4c05 transect B 280
Start time: 0815 start date: 041196
end time: ---- end date: 042296
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 08 12 --

Remark: would not buffalo.

4c46 transect B 316
Start time: 0807 start date: 041196
end time: 1520 end date: 042296
of observations: 1468

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1511 start date: 041196
end time: 1231 end date: 042296
of observations: 1342

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 041196
end time: ---- end date: 042296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1223 start date: 041196
end time: 1501 end date: 042296
of observations: 1455
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1225 start date: 041196
end time: 1457 end date: 042296
of observations: 1311
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1204 start date: 041196
end time: 1450 end date: 042296
of observations: 1349
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 041196
end time: ---- end date: 042296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1545 start date: 042296
end time: 1725 end date: 050296
of observations: 1390
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: ---- start date: 042296
end time: ---- end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7

02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 1554 start date: 042296
end time: 1732 end date: 050296
of observations: 1188
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1558 start date: 042296
end time: ---- end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: would not communicate.

4c52 transect B 110
Start time: 1609 start date: 042296
end time: ---- end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: would not communicate.

4c43 transect B 130
Start time: 1607 start date: 042296
end time: 1741 end date: 050296
of observations: 1237
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1621 start date: 042296
end time: 1751 end date: 050296
of observations: 0842
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1623 start date: 042296
end time: 1747 end date: 050296
of observations: 1304
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212

Start time: ---- start date: 042296
end time: ---- end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: down.

4c11 transect B 240
Start time: 1534 start date: 042296
end time: 1718 end date: 050296
of observations: 1048
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1530 start date: 042296
end time: 1713 end date: 050296
of observations: 1070
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: 1454 start date: 042296
end time: 1707 end date: 050296
of observations: 1308
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1517 start date: 042296
end time: 1701 end date: 050296
of observations: 1113
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 042296
end time: ---- end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: down.

4c02 transect B 392
Start time: 1505 start date: 042296
end time: 1652 end date: 050296
of observations: 1210
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1509 start date: 042296
end time: 1646 end date: 050296
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remark: would not download.

4c06 transect B 432
Start time: 1454 start date: 042296
end time: 1639 end date: 050296
of observations: 1121
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: ---- start date: 042296
end time: ---- end date: 050296
of observations: 0001
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1729 start date: 050296
end time: 0832 end date: 051396
of observations: 1467
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: ---- start date: 050296
end time: ---- end date: 051396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remark: destroyed/smashed by falling tree.

4c15 transect B 070
Start time: 1737 start date: 050296
end time: 0824 end date: 051396
of observations: 1253
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1738 start date: 050296
end time: 0821 end date: 051396

ch 4 ch 5 ch 6 ch 7 # of observations: 1318
02 04 12 16

4c52 transect B 110
Start time: ---- start date: 050296
end time: ---- end date: 051396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c43 transect B 130
Start time: 1745 start date: 050296
end time: 0816 end date: 051396
of observations: 1302
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1750 start date: 050296
end time: 0812 end date: 051396
of observations: 0884
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1757 start date: 050296
end time: 0808 end date: 051396
of observations: 1371
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: ---- start date: 050296
end time: ---- end date: 051396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c11 transect B 240
Start time: 1721 start date: 050296
end time: 0804 end date: 051396
of observations: 1087
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
 Start time: 1716 start date: 050296
 end time: 0754 end date: 051396
 # of observations: 1127
 ch 4 ch 5 ch 6 ch 7
 02 08 12 --

4c46 transect B 316
 Start time: 1711 start date: 050296
 end time: 0752 end date: 051396
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 16
 Remark: would not respond after buffalo prompt.

4c28 transect B 352
 Start time: 1705 start date: 050296
 end time: 0747 end date: 051396
 # of observations: 1169
 ch 4 ch 5 ch 6 ch 7
 02 04 08 12

4c17 transect B 372
 Start time: ---- start date: 050296
 end time: ---- end date: 051396
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7
 02 04 08 12
 Remark: down.

4c02 transect B 392
 Start time: 1657 start date: 050296
 end time: 0741 end date: 051396
 # of observations: 1275
 ch 4 ch 5 ch 6 ch 7
 02 04 08 12

4c20 transect B 412
 Start time: 1659 start date: 050296
 end time: 0735 end date: 051396
 # of observations: 1145
 ch 4 ch 5 ch 6 ch 7
 02 04 08 12

4c06 transect B 432
 Start time: 1643 start date: 050296
 end time: ---- end date: 051396
 # of observations: ----
 ch 4 ch 5 ch 6 ch 7

02 04 12 16
Remark: down.

4c55 transect B 482
Start time: ---- start date: 050296
end time: ---- end date: 051396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remark: down.

4c10 transect B 000
Start time: 1338 start date: 051696
end time: 1648 end date: 052996
of observations: 1811
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c52 transect B 050
Start time: 1352 start date: 051696
end time: ---- end date: 052996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: will not buffalo.

4c15 transect B 070
Start time: 1348 start date: 051696
end time: 1703 end date: 052996
of observations: 1554
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1350 start date: 051696
end time: 1659 end date: 052996
of observations: 1627
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 1358 start date: 051696
end time: 1711 end date: 052996
of observations: 1663
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130

Start time: 1400 start date: 051696
end time: 1715 end date: 052996
of observations: 1609
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1407 start date: 051696
end time: 1728 end date: 052996
of observations: 1090
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1409 start date: 051696
end time: 1723 end date: 052996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: locked in "get 4".

4c45 transect B 212
Start time: 1416 start date: 051696
end time: 0753 end date: 052996
of observations: 1591
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1419 start date: 051696
end time: 0743 end date: 052996
of observations: 1409
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1423 start date: 051696
end time: 0736 end date: 052996
of observations: 1346
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 051696
end time: ---- end date: 052996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo,no box.

4c28 transect B 352
Start time: 1429 start date: 051696
end time: 0724 end date: 052996
of observations: 1395
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: 1433 start date: 051696
end time: 0719 end date: 052996
of observations: 1362
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1437 start date: 051696
end time: 0709 end date: 052996
of observations: 1524
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1440 start date: 051696
end time: 0706 end date: 052996
of observations: 1366
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1443 start date: 051696
end time: 0656 end date: 052996
of observations: 1408
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1449 start date: 051696
end time: ---- end date: 052996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo.

4c10 transect B 000
Start time: 1652 start date: 052996
end time: 0813 end date: 061096
of observations: 1605
ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c52 transect B 050

Start time: 1656 start date: 052996

end time: ---- end date: 061096

of observations: ----

ch 4 ch 5 ch 6 ch 7

02 04 12 16

Remarks: will not buffalo.

4c15 transect B 070

Start time: 1707 start date: 052996

end time: 0827 end date: 061096

of observations: 1375

ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c47 transect B 090

Start time: 1709 start date: 052996

end time: 0825 end date: 061096

of observations: 1449

ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c51 transect B 110

Start time: 1721 start date: 052996

end time: 0837 end date: 061096

of observations: 1478

ch 4 ch 5 ch 6 ch 7

02 04 08 16

4c43 transect B 130

Start time: 1720 start date: 052996

end time: 0840 end date: 061096

of observations: 1429

ch 4 ch 5 ch 6 ch 7

02 04 12 16

4c04 transect B 150

Start time: 1736 start date: 052996

end time: 0850 end date: 061096

of observations: 0972

ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c49 transect B 170

Start time: 1738 start date: 052996

end time: ---- end date: 061096

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 12

Remarks: would not buffalo.

4c45 transect B 212

Start time: 0759 start date: 052996

end time: 0939 end date: 061096

of observations: 1393

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240

Start time: 0748 start date: 052996

end time: 0931 end date: 061096

of observations: 1127

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280

Start time: 0741 start date: 052996

end time: 0925 end date: 061096

of observations: 1174

ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316

Start time: ---- start date: 052996

end time: ---- end date: 061096

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: no box.

4c28 transect B 352

Start time: 0732 start date: 052996

end time: 0909 end date: 061096

of observations: 1221

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372

Start time: 0733 start date: 052996

end time: 0907 end date: 061096

of observations: 1191

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392

Start time: 0715 start date: 052996

end time: 0851 end date: 061096
of observations: 1328
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0717 start date: 052996
end time: 0847 end date: 061096
of observations: 1193
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0702 start date: 052996
end time: ---- end date: 061096
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not buffalo.

4c55 transect B 482
Start time: 1642 start date: 052996
end time: 0802 end date: 061096
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo.

4c10 transect B 000
Start time: 0817 start date: 061096
end time: 1044 end date: 062196
of observations: 1532
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c52 transect B 050
Start time: 0822 start date: 061096
end time: ---- end date: 062196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: will not buffalo.

4c15 transect B 070
Start time: 0831 start date: 061096
end time: 1101 end date: 062196
of observations: 1312
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 0835 start date: 061096
end time: 1058 end date: 062196
of observations: 1381
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 0847 start date: 061096
end time: 1112 end date: 062196
of observations: 1409
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: 0845 start date: 061096
end time: 1116 end date: 062196
of observations: 1874
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 0855 start date: 061096
end time: 1128 end date: 062196
of observations: 0925
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 0856 start date: 061096
end time: 1125 end date: 062196
of observations: 1437
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 0943 start date: 061096
end time: 0953 end date: 062196
of observations: 1507
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 0936 start date: 061096
end time: 0947 end date: 062196
of observations: 1322
ch 4 ch 5 ch 6 ch 7

02 04 12 tide

4c05 transect B 280
Start time: 0929 start date: 061096
end time: 0941 end date: 062196
of observations: 1271
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 061096
end time: ---- end date: 062196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: no box.

4c28 transect B 352
Start time: 0914 start date: 061096
end time: 0930 end date: 062196
of observations: 1315
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: 0915 start date: 061096
end time: 0927 end date: 062196
of observations: 1290
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 0856 start date: 061096
end time: 0917 end date: 062196
of observations: 1441
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0904 start date: 061096
end time: 0910 end date: 062196
of observations: 1288
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0843 start date: 061096
end time: 0800 end date: 062196

ch 4 ch 5 ch 6 ch 7 # of observations: 1328
02 04 12 16

4c17 transect B 482
Start time: 0838 start date: 061096
end time: 0735 end date: 062196
of observations: 0945
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1048 start date: 062196
end time: ---- end date: 070396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo.

4c52 transect B 050
Start time: 1056 start date: 062196
end time: ---- end date: 070396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: will not buffalo.

4c15 transect B 070
Start time: 1106 start date: 062196
end time: ---- end date: 070396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo.

4c47 transect B 090
Start time: 1109 start date: 062196
end time: 1055 end date: 070396
of observations: too many samples
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 1124 start date: 062196
end time: 1108 end date: 070396
of observations: 1522
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: 1122 start date: 062196
end time: 1114 end date: 070396
of observations: 0147
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1133 start date: 062196
end time: 1132 end date: 070396
of observations: 0997
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1134 start date: 062196
end time: 1130 end date: 070396
of observations: 1551
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1038 start date: 062196
end time: 0931 end date: 070396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: "get 4" failed. 1020ml of rain.

4c11 transect B 240
Start time: 0951 start date: 062196
end time: 1038 end date: 070396
of observations: 1497
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 0945 start date: 062196
end time: 1033 end date: 070396
of observations: 1273
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 062196
end time: ---- end date: 070396
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

Remarks: no box.

4c28 transect B 352
Start time: 0937 start date: 062196
end time: 1025 end date: 070396
of observations: 1318
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: 0938 start date: 062196
end time: 1022 end date: 070396
of observations: 1291
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 0922 start date: 062196
end time: 1015 end date: 070396
of observations: 1446
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0925 start date: 062196
end time: 1012 end date: 070396
of observations: 1295
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0805 start date: 062196
end time: 1005 end date: 070396
of observations: 1339
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 0758 start date: 062196
end time: 0957 end date: 070396
of observations: 0954
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1048 start date: 070396
end time: 0855 end date: 071596
of observations: 1645

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c52 transect B 050

Start time: 1053 start date: 070396

end time: ---- end date: 071596

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 16

Remarks: will not buffalo.

4c15 transect B 070

Start time: 1102 start date: 070396

end time: 0911 end date: 071596

of observations: 1408

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090

Start time: 1106 start date: 070396

end time: 0907 end date: 071596

of observations: 1484

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110

Start time: 1124 start date: 070396

end time: 0923 end date: 071596

of observations: 1514

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130

Start time: 1122 start date: 070396

end time: 0926 end date: 071596

of observations: 1464

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150

Start time: 1136 start date: 070396

end time: 1557 end date: 071596

of observations: 1013

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170

Start time: 1138 start date: 070396

end time: 1553 end date: 071596
of observations: 1578
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 0950 start date: 070396
end time: 1013 end date: 071596
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: 1042 start date: 070396
end time: ---- end date: 071596
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide
Remarks: would not buffalo.

4c05 transect B 280
Start time: 1036 start date: 070396
end time: 1028 end date: 071596
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 070396
end time: ---- end date: 071596
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: no box.

4c28 transect B 352
Start time: 1028 start date: 070396
end time: 0836 end date: 071596
of observations: 1293
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: 1030 start date: 070396
end time: 0833 end date: 071596
of observations: 1280
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1019 start date: 070396
end time: 0822 end date: 071596
of observations: 1430
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1020 start date: 070396
end time: 0818 end date: 071596
of observations: 1232
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1009 start date: 070396
end time: 0811 end date: 071596
of observations: 1321
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1002 start date: 070396
end time: 0804 end date: 071596
of observations: 0942
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 0902 start date: 071596
end time: 1528 end date: 072696
of observations: 1559
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c56 transect B 050
Start time: 1650 start date: 071596
end time: 1537 end date: 072696
of observations: 0617
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 0917 start date: 071596
end time: 1546 end date: 072696
of observations: 1332
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 0920 start date: 071596
end time: 1543 end date: 072696
of observations: 1403
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 1551 start date: 071596
end time: 1050 end date: 072696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: locked in "get 4".

4c43 transect B 130
Start time: 1549 start date: 071596
end time: ---- end date: 072696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not communicate.

4c04 transect B 150
Start time: 1603 start date: 071596
end time: 1211 end date: 072696
of observations: 0985
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1605 start date: 071596
end time: 1208 end date: 072696
of observations: 1530
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1640 start date: 071596
end time: 1519 end date: 072696
of observations: 0620
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: ---- start date: 071596
end time: ---- end date: 072696

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 12 tide
Remarks: would not communicate.

4c05 transect B 280
Start time: 1616 start date: 071596
end time: 1508 end date: 072696
of observations: 0521
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 071596
end time: ---- end date: 072696
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: no box.

4c28 transect B 352
Start time: 0840 start date: 071596
end time: 1456 end date: 072696
of observations: 1169
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: 0843 start date: 071596
end time: 1452 end date: 072696
of observations: 1209
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 0828 start date: 071596
end time: 1439 end date: 072696
of observations: 1356
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 0830 start date: 071596
end time: 1436 end date: 072696
of observations: 1099
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 0815 start date: 071596
end time: 1430 end date: 072696
 # of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: box is corrupted.

4c17 transect B 482
Start time: 0808 start date: 071596
end time: 1423 end date: 072696
 # of observations: 0889
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1535 start date: 072696
end time: ---- end date: 080896
 # of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: would not buffalo.

4c56 transect B 050
Start time: 1540 start date: 072696
end time: 1106 end date: 080896
 # of observations: 1594
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1550 start date: 072696
end time: 1117 end date: 080896
 # of observations: 1518
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1552 start date: 072696
end time: 1113 end date: 080896
 # of observations: 1595
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 1206 start date: 072696
end time: ---- end date: 080896
 # of observations: ----
ch 4 ch 5 ch 6 ch 7

02 04 08 16
Remarks: would not buffalo.

4c43 transect B 130
Start time: 1204 start date: 072696
end time: ---- end date: 080896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: screen won't stop scrolling - too long.

4c04 transect B 150
Start time: 1216 start date: 072696
end time: 1142 end date: 080896
of observations: 0997
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1218 start date: 072696
end time: 1139 end date: 080896
of observations: 1549
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1523 start date: 072696
end time: 1003 end date: 080896
of observations: 1494
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: ---- start date: 072696
end time: ---- end date: 080896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1511 start date: 072696
end time: 1051 end date: 080896
of observations: 1356
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 072696

end time: ---- end date: 080896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: no box.

4c28 transect B 352
Start time: 1503 start date: 072696
end time: 1043 end date: 080896
of observations: 1366
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: ---- start date: 072696
end time: ---- end date: 080896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1444 start date: 072696
end time: 1031 end date: 080896
of observations: 1541
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1450 start date: 072696
end time: 1028 end date: 080896
of observations: 1360
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: ---- start date: 072696
end time: ---- end date: 080896
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1428 start date: 072696
end time: 1018 end date: 080896
of observations: 1014
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000

Start time: 1103 start date: 080896
end time: 1213 end date: 081796
of observations: 1248
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c56 transect B 050
Start time: 1111 start date: 080896
end time: 1219 end date: 081796
of observations: 1128
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1124 start date: 080896
end time: 1237 end date: 081796
of observations: 1068
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1125 start date: 080896
end time: 1227 end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: locked in "get 4".

4c51 transect B 110
Start time: 1136 start date: 080896
end time: 1246 end date: 081796
of observations: 1152
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: 1135 start date: 080896
end time: ---- end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: won't buffalo properly.

4c04 transect B 150
Start time: 1151 start date: 080896
end time: 1300 end date: 081796
of observations: 0753
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1153 start date: 080896
end time: 1257 end date: 081796
of observations: 1170
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1010 start date: 080896
end time: 1103 end date: 081796
of observations: 1134
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: rain 725 ml.

4c11 transect B 240
Start time: ---- start date: 080896
end time: ---- end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1055 start date: 080896
end time: 1204 end date: 081796
of observations: 0957
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 080896
end time: ---- end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1049 start date: 080896
end time: 1157 end date: 081796
of observations: 0977
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: ---- start date: 080896
end time: ---- end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7

02 04 08 12
Remarks: would not communicate.

4c02 transect B 392
Start time: 1037 start date: 080896
end time: ---- end date: 081796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: would not communicate.

4c20 transect B 412
Start time: 1039 start date: 080896
end time: 1146 end date: 081796
of observations: 0972
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c06 transect B 432
Start time: 1026 start date: 080896
end time: 1123 end date: 081796
of observations: 11962
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: wow, after 15 minutes of downloading aborted.
Could not find end of file.

4c17 transect B 482
Start time: 1022 start date: 080896
end time: 1117 end date: 081796
of observations: 0715
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1217 start date: 081796
end time: ---- end date: 082996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: check battery.

4c56 transect B 050
Start time: ---- start date: 081796
end time: ---- end date: 082996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not start.

Remarks: rain 3865 ml.

4c11 transect B 240
Start time: ---- start date: 081796
end time: ---- end date: 082996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1208 start date: 081796
end time: 1433 end date: 082996
of observations: 1280
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 081796
end time: ---- end date: 082996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1201 start date: 081796
end time: 1420 end date: 082996
of observations: 1331
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: ---- start date: 081796
end time: ---- end date: 082996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1153 start date: 081796
end time: 1412 end date: 082996
of observations: 1453
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1154 start date: 081796
end time: 1409 end date: 082996
of observations: 1300
ch 4 ch 5 ch 6 ch 7

02 04 08 12

4c06 transect B 432
Start time: 1143 start date: 081796
end time: 1402 end date: 082996
of observations: 1341
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1121 start date: 081796
end time: 1355 end date: 082996
of observations: 0957
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1446 start date: 082996
end time: 1226 end date: 091096
of observations: 1641
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c56 transect B 050
Start time: 1450 start date: 082996
end time: 1232 end date: 091096
of observations: 1246
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1501 start date: 082996
end time: 1242 end date: 091096
of observations: 1405
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1507 start date: 082996
end time: 1239 end date: 091096
of observations: 1438
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110
Start time: 1514 start date: 082996
end time: 1251 end date: 091096
of observations: 1518

ch 4	ch 5	ch 6	ch 7	
02	04	08	16	
4c43				transect B
				130
Start time: ----		start date: 082996		
end time: ----		end date: 091096		
				# of observations: ----
ch 4	ch 5	ch 6	ch 7	
02	04	12	16	
4c04				transect B
				150
Start time: 1520		start date: 082996		
end time: 1455		end date: 091096		
				# of observations: 1083
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c49				transect B
				170
Start time: 1522		start date: 082996		
end time: 1452		end date: 091096		
				# of observations: 1676
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c45				transect B
				212
Start time: 1348		start date: 082996		
end time: 1119		end date: 091096		
				# of observations: 1495
ch 4	ch 5	ch 6	ch 7	
02	04	08	16	
4c11				transect B
				240
Start time: ----		start date: 082996		
end time: ----		end date: 091096		
				# of observations: ----
ch 4	ch 5	ch 6	ch 7	
02	04	12	tide	
4c05				transect B
				280
Start time: 1437		start date: 082996		
end time: 1218		end date: 091096		
				# of observations: 0841
ch 4	ch 5	ch 6	ch 7	
02	08	12	--	
4c46				transect B
				316
Start time: ----		start date: 082996		
end time: ----		end date: 091096		
				# of observations: ----

ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c28 transect B				352
Start time: 1431 start date: 082996				
end time: 1203 end date: 091096				
				# of observations: 1114
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c16 transect B				372
Start time: 1426 start date: 082996				
end time: 1206 end date: 091096				
				# of observations: 1215
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c02 transect B				392
Start time: 1416 start date: 082996				
end time: 1156 end date: 091096				
				# of observations: 1429
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c20 transect B				412
Start time: 1418 start date: 082996				
end time: 1153 end date: 091096				
				# of observations: 0875
ch 4	ch 5	ch 6	ch 7	
02	04	08	12	
4c06 transect B				432
Start time: 1406 start date: 082996				
end time: 1145 end date: 091096				
				# of observations: 1325
ch 4	ch 5	ch 6	ch 7	
02	04	12	16	
4c17 transect B				482
Start time: 1359 start date: 082996				
end time: 1138 end date: 091096				
				# of observations: 0942
ch 4	ch 5	ch 6	ch 7	
02	04	08	16	
4c10 transect B				000
Start time: 1231 start date: 091096				
end time: 1616 end date: 092196				
				# of observations: 1542

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c56 transect B 050

Start time: 1237 start date: 091096

end time: 1622 end date: 092196

of observations: 1390

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070

Start time: 1248 start date: 091096

end time: 1634 end date: 092196

of observations: 1317

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090

Start time: 1249 start date: 091096

end time: 1631 end date: 092196

of observations: 1392

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c51 transect B 110

Start time: 1256 start date: 091096

end time: 1646 end date: 092196

of observations: 1427

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130

Start time: ---- start date: 091096

end time: ---- end date: 092196

of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150

Start time: 1500 start date: 091096

end time: 1656 end date: 092196

of observations: 0849

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170

Start time: 1501 start date: 091096

end time: 1652 end date: 092196

of observations: 1305

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1130 start date: 091096
end time: 1515 end date: 092196
of observations: 1404
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: 2590 ml.

4c11 transect B 240
Start time: ---- start date: 091096
end time: ---- end date: 092196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1221 start date: 091096
end time: 1606 end date: 092196
of observations: 0192
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 091096
end time: ---- end date: 092196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1212 start date: 091096
end time: 1558 end date: 092196
of observations: 1114
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c16 transect B 372
Start time: ---- start date: 091096
end time: ---- end date: 092196
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1200 start date: 091096
end time: 1547 end date: 092196

of observations: 1343
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1204 start date: 091096
end time: ---- end date: 092196
of observations: 0001
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: took only 1 sample.

4c06 transect B 432
Start time: 1151 start date: 091096
end time: 1540 end date: 092196
of observations: 1242
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1145 start date: 091096
end time: 1532 end date: 092196
of observations: 0885
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1620 start date: 092196
end time: 1011 end date: 100496
of observations: 1766
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c29 transect B 050
Start time: ---- start date: 092196
end time: ---- end date: 100496
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not start.

4c15 transect B 070
Start time: 1638 start date: 092196
end time: 1111 end date: 100496
of observations: 1508
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090

Start time: 1643 start date: 092196
end time: ---- end date: 100496
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: would not start.

4c52 transect B 110
Start time: 1650 start date: 092196
end time: 1123 end date: 100496
of observations: 1631
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: ---- start date: 092196
end time: ---- end date: 100496
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1701 start date: 092196
end time: 1134 end date: 100496
of observations: 1066
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1703 start date: 092196
end time: 1131 end date: 100496
of observations: 1652
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c24 transect B 212
Start time: 1525 start date: 092196
end time: 1016 end date: 100496
of observations: 1608
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: ---- start date: 092196
end time: ---- end date: 100496
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 tide

ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1138 start date: 100496
end time: 1617 end date: 101796
of observations: 1108

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c49 transect B 170
Start time: 1140 start date: 100496
end time: 1612 end date: 101796
of observations: 1711

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1011 start date: 100496
end time: 1429 end date: 101796
of observations: 1660

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: ---- start date: 100496
end time: ---- end date: 101796
of observations: ---

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1036 start date: 100496
end time: ---- end date: 101796
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 08 12 --

Remarks: will not communicate.

4c46 transect B 316
Start time: 1046 start date: 100496
end time: 1143 end date: 101796
of observations: 1561

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1049 start date: 100496

end time: ---- end date: 101796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not communicate or start.

4c16 transect B 372
Start time: ---- start date: 100496
end time: ---- end date: 101796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1039 start date: 100496
end time: 1514 end date: 101796
of observations: 1577
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: 1041 start date: 100496
end time: ---- end date: 101796
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not communicate.

4c06 transect B 432
Start time: 1029 start date: 100496
end time: 1502 end date: 101796
of observations: 1469
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c17 transect B 482
Start time: 1020 start date: 100496
end time: 1450 end date: 101796
of observations: 1050
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1551 start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not communicate.

4c29 transect B 050
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1601 start date: 101796
end time: 1156 end date: 102996
of observations: 1280
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: 1604 start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: will not communicate.

4c51 transect B 110
Start time: 1610 start date: 101796
end time: 1203 end date: 102996
of observations: 1519
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: 1621 start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not start.

4c49 transect B 170
Start time: 1623 start date: 101796
end time: 1208 end date: 102996

ch 4 ch 5 ch 6 ch 7 # of observations: 1708
02 04 08 12

4c45 transect B 212
Start time: 1439 start date: 101796
end time: 1108 end date: 102996
of observations: 1499

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c11 transect B 240
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 12 tide

4c05 transect B 280
Start time: 1540 start date: 101796
end time: 1144 end date: 102996
of observations: 724

ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 12

Remarks: will not start.

4c17 transect B 372
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----

ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1522 start date: 101796

end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not communicate.

4c20 transect B 412
Start time: ---- start date: 101796
end time: ---- end date: 102996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not communicate.

4c06 transect B 432
Start time: 1509 start date: 101796
end time: 1122 end date: 102996
of observations: 1322
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 1458 start date: 101796
end time: 1112 end date: 102996
of observations: 947
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1153 start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: will not buffalo.

4c29 transect B 050
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c15 transect B 070
Start time: 1200 start date: 102996
end time: 1009 end date: 110996
of observations: 1288
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c47 transect B 090
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16
Remarks: will not start.

4c51 transect B 110
Start time: 1206 start date: 102996
end time: 1016 end date: 110996
of observations: 1396
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c43 transect B 130
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c04 transect B 150
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not start.

4c49 transect B 170
Start time: 1212 start date: 102996
end time: 1022 end date: 110996
of observations: 1416
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c45 transect B 212
Start time: 1113 start date: 102996
end time: 0915 end date: 110996
of observations: 1378
ch 4 ch 5 ch 6 ch 7
02 04 08 16
Remarks: Rain=370ml.

4c11 transect B 240
Start time: ---- start date: 102996
end time: ---- end date: 110996

ch 4 ch 5 ch 6 ch 7 # of observations: ----
02 04 12 tide

4c05 transect B 280
Start time: 1147 start date: 102996
end time: 0956 end date: 110996
of observations: 566
ch 4 ch 5 ch 6 ch 7
02 08 12 --

4c46 transect B 316
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c28 transect B 352
Start time: 1141 start date: 102996
end time: 0949 end date: 110996
of observations: 1111
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c17 transect B 372
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c02 transect B 392
Start time: 1133 start date: 102996
end time: 0941 end date: 110996
of observations: 1306
ch 4 ch 5 ch 6 ch 7
02 04 08 12

4c20 transect B 412
Start time: ---- start date: 102996
end time: ---- end date: 110996
of observations: ----
ch 4 ch 5 ch 6 ch 7
02 04 08 12
Remarks: will not start.

4c06 transect B 432
Start time: 1127 start date: 102996

end time: 0935 end date: 110996
of observations: 1216
ch 4 ch 5 ch 6 ch 7
02 04 12 16

4c55 transect B 482
Start time: 1120 start date: 102996
end time: 0928 end date: 110996
of observations: 869
ch 4 ch 5 ch 6 ch 7
02 04 08 16

4c10 transect B 000
Start time: 1153 start date: 102996
end time: ---- end date: 110996
of observations: 1783
ch 4 ch 5 ch 6 ch 7
02 04 08 16