CTD Hydrocast Log Sheet

# CO2/CLIVAR A16S Jan 11- Feb 24, 2005

Sample cop: ML

STA #: 57 Cast 1 CTD# 209 Date: 2/2/05 Time (Local) Start 6:00 End: 7:45

| Rosette Bottle | Nom. Depth (m) | CFC | He | O2 | O2 draw Temp | HCFC | pCO2 | DIC | pH | Alk | 14C | Tritiu | DOC | CDOM POC | PIC/ | Salts | Nuts |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volume | | 0.5 | 0.5 | 0.5 | 0.5 | 1.2 | 1.5 | 0.25 | 1.5 | 0.8 | 1.2 | 0.2 | 0.2 | 1.5 | 0.3 | 0.25 | |
| 4100 1 | 3900 | 5564 | | 1/40 | 4.6 | | 1 | A1 A01 | 1 | 1 | | | 1 | 1 | | 601 | 1/94 |
| 2 | 3800 | 7746 | | 2 | 4.9 | | 2 | A2 | 2/37 | 2/37 | | | x | x | | 602 | 2 |
| 3 | 3500 | 7689 | | 3 | 5.3 | | 3 | A3 | 3 | 3 | | | 3 | x | | 603 | 3 |
| 4 | 3250 | 5574 | | 4 | 5.7 | | X | A4 | 4 | 4 | | | x | x | | 604 | 4 |
| 5 | 3000 | 7620 | | 5 | 5.8 | | 5 | A5 | 5 | 5 | | | 5 | 5 | | 605 | 5 |
| 6 | 2800 | 9837 | | 6 | 6.1 | | 6 | A6 | 6 | 6 | | | x | x | | 606 | 6 |
| 7 | 2600 | 7628 | | 7 | 6.1 | | 7 | A7 | 7 | 7 | | | 7 | x | | 607 | 7 |
| 8 | 2400 | 9888 | | 8 | 6.2 | | 8 | A8 | 8 | 8 | | | x | x | | 608 | 8 |
| 9 | 2200 | 984 | | 161 | 6.4 | | 9 | A9 | 9 | 9 | | | 9 | x | | 609 | 9 |
| 10 | 2000 | 7695A | | 10 | 6.6 | | X | A10 | 10 | 10 | | | x | 10 | | 610 | 10 |
| 11 | 1800 | 367 | | 11 | 6.8 | | 11 | A11 | 11 | 11 | | | 11 | x | | 611 | 11 |
| 12 | 1600 | | | 166 | 6.5 | | 12 | A12 | 12 | 12 | | | x | x | | 612 | 12 |
| 13 | 1400 | 7638 | | 13 | 6.8 | | 13 | A13 | 13 | 13 | | | 13 | x | | 613 | 13 |
| 14 | 1300 | 9840 7674 | | 14 | 7.0 | | X | A14 | 14 | 14 | | | 14 | x | | 614 | 14 |
| 15 | 1200 | 9841 | | 15 | 7.4 | | 15N | A15 | 15 | 15 | | | 15 | x | | 615 | 15 |
| 16 | 1100 | 9836 | | 16/39 | 7.5 | | X | A16 | 16 | 16 | | | 16 | 16 | | 616 | 16 |
| 17 | 1000 | 9833 | | 17 | 7.9 | | 17 | A17 A02 | 17 | — | | | 17 | x | | 617 | 17 |
| 18 | 900 | 5565 | | 18 | 8.2 | | 18 | A18 | 18 | 18 | | | 18 | 18 | | 618 | 18 |
| 19 | 800 | 9830 | | 19 | 8.9 | | 19 | A19 | 19/38 | 19/38 | | | x | x | | 619 | 19 |
| 20 | 700 | | | 168 | 9.6 | | 20 | A20 | 20 | 20 | | | 20 | 20 | | 620 | 20 |
| 21 | 600 | 9825 | | 21 | 11.0 | | 21 | A21 | 21 | 21 | | | x | x | | 621 | 21 |
| 22 | 500 | 9884 | | 22 | 12.2 | | 22 | A22 | 22 | 22 | | | 22 | 22 | | 622 | 22 |
| 23 | 400 | 5567 | | 23 | 13.8 | | 23 | A23 | 23 | 23 | | | 23 | x | | 623 | 23 |
| 24 | 350 | 7748 | | 24 | 14.4 | | 24 | A24 | 24 | 24 | | | 24 | 24 | | 624 | 24 |
| 25 | 300 | 7735 | | 25 | 14.8 | | 25 | A25 | 25 | 25 | | | 25 | x | | 625 | 25 |
| 26 | 250 | | | 26 | 15.2 | | 26 | A26 | 26 | 26 | | | 26 | 26 | | 626 | 26 |
| 27 | 200 | 5567A | | 27 | 15.8 | | 27 | A27 | 27 | 27 | | | x | x | | 627 | 27 |
| 28 | 175 | | | 172 | 15.9 | | X | A28 | 28 | 28 | | | 28 | 28 | | 628 | 28 |
| 29 | 150 | 7730 | | 29 | 16.4 | | 29 | A29 | 29 | 29 | | | x | x | | 629 | 29 |
| 30 | 125 | | | 176/38 | 16.8 | | X | A30 | 30 | 30 | | | 30 | 30 | | 630 | 30 |
| 31 | 100 | 7692 7692A | | 31 | 17.4 | | 31 | A31 | 31 | 31 | | | x | x | | 631 | 31 |
| 32 | 80 | | | 32 | 17.8 | | 32 | A32 | 32 | 32 | | | 32 | 32 | | 632 | 32 |
| 33 | 60 | 629 | | 33 | 18.8 | | 33 | A33 | 33 | 33 | | | x | x | | 633 | 33 |
| 34 | 40 | 7701 | | 170 | 19.5 | | 34 | A34 | 34 | 34 | | | 34 | 34 | | 634 | 34 |
| 35 | 20 | 7692A | | 35 | 19.8 | | 35 | A35 | 35/39 | 35/39 | | | 35 | 35 | | 635 | 35 |
| 36 | 0 | 5573 | | 171 | 19.7 | | 36 | A36 A03 | 36 | 36 | | | 36 | 36 | | 636 | 36 |
| Sampler | | EW | | CL | CL | | NL | SC | MT | MC | | | WC | WC | | DW | CM |

Comments: DW